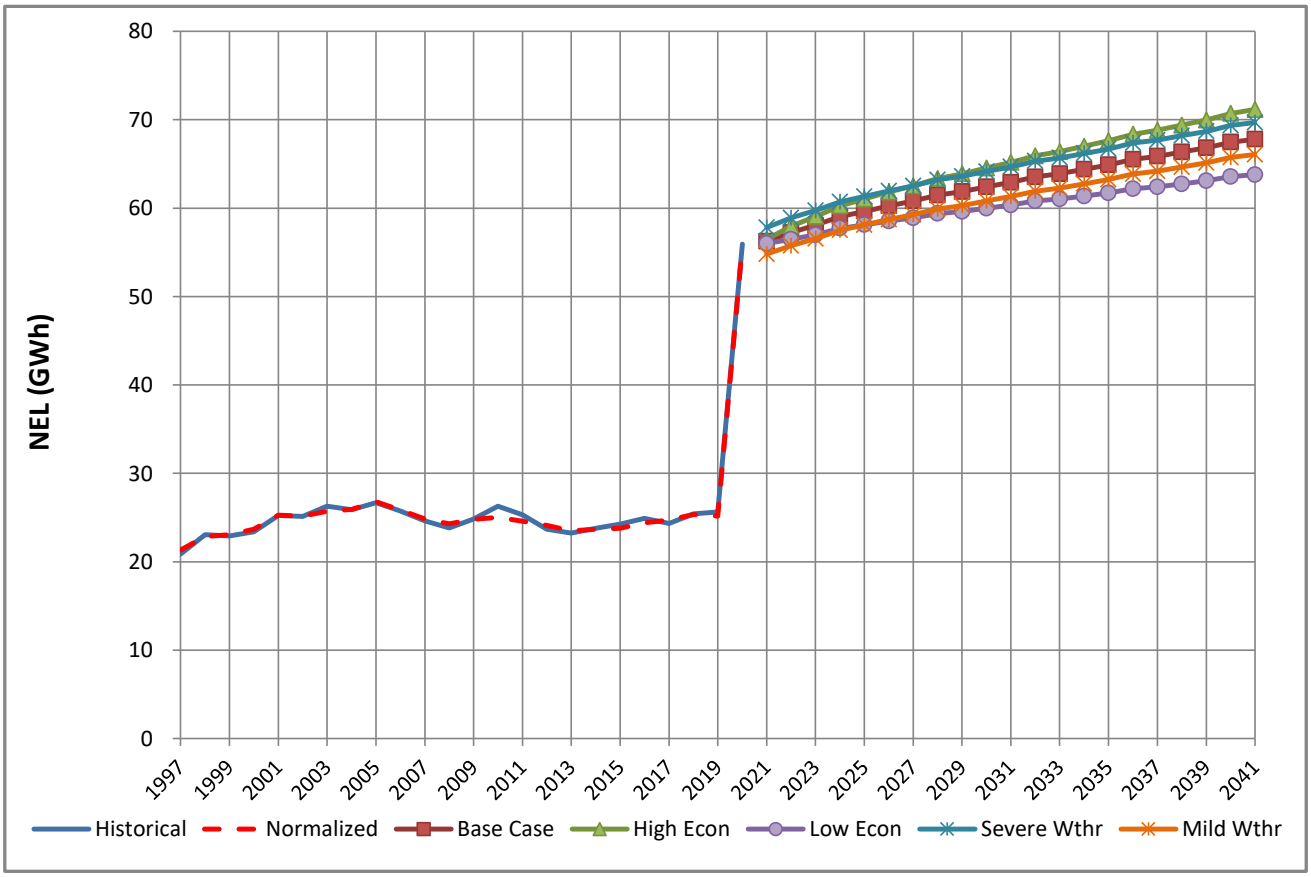
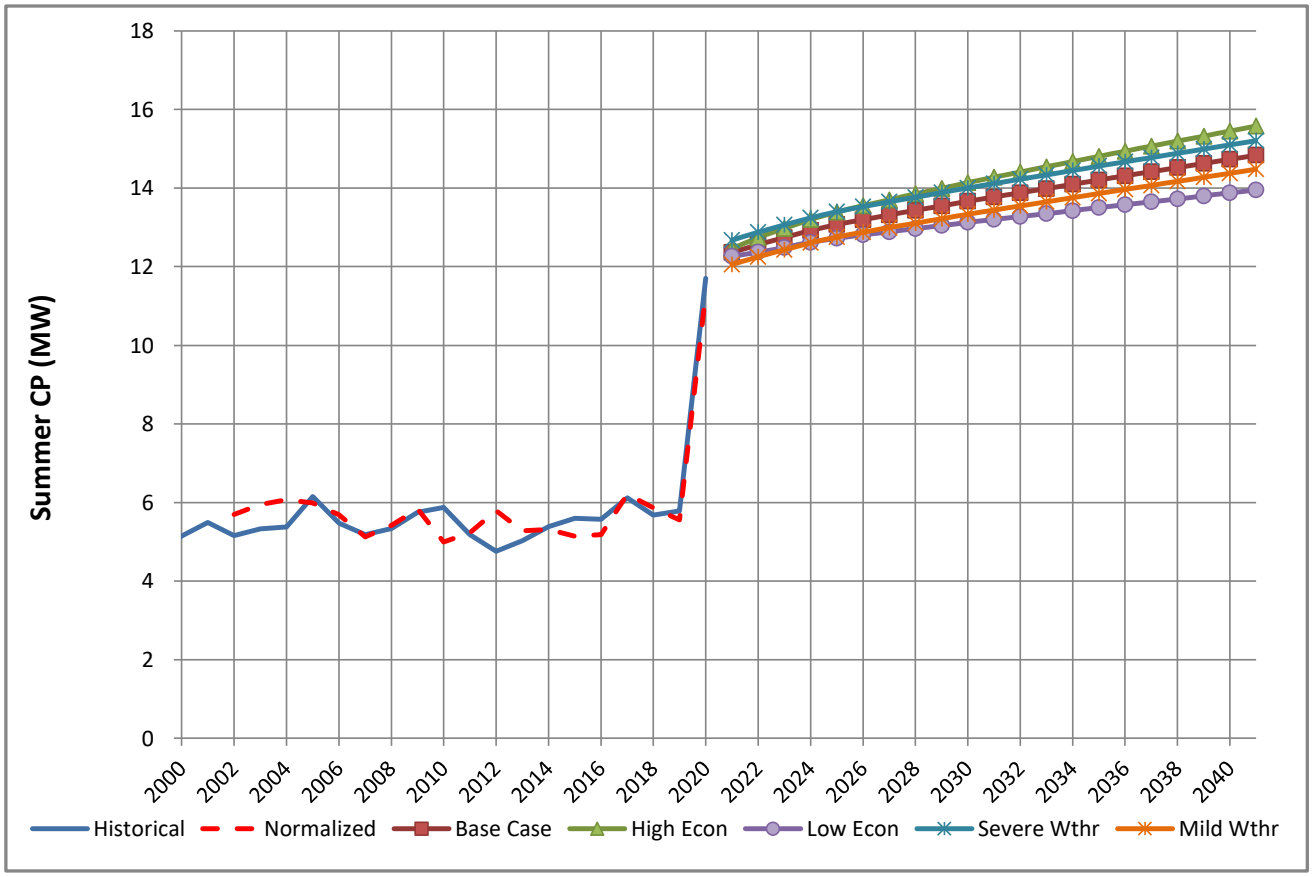
Appendix H
Scenario Results by Member

FMPA 2021 Load Forecast

Bushnell

Historical and Projected NEL and Annual Coincident Peak Demand





FMPA 2021 Load Forecast - Low Economic Case

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Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	25,311	-	24,578	-	-2.9%	7.0	-	6.8	-	-2.8%	5.2	-	5.2		-0.1%
	2012	23,675	-6.5%	24,108	-1.9%	1.8%	5.5	-20.8%	5.6	-18.2%	0.5%	4.8	-8.3%	5.8	11.0%	20.9%
	2013	23,262	-1.7%	23,500	-2.5%	1.0%	5.8	4.2%	5.5	-0.1%	-3.6%	5.0	5.8%	5.3	-8.7%	4.4%
	2014	23,792	2.3%	23,663	0.7%	-0.5%	6.3	10.1%	6.7	21.3%	6.2%	5.4	7.1%	5.3	0.9%	-1.6%
	2015	24,259	2.0%	23,774	0.5%	-2.0%	6.7	5.7%	6.8	0.7%	1.1%	5.6	4.0%	5.1	-3.0%	-8.2%
	2016	24,927	2.8%	24,397	2.6%	-2.1%	5.1	-23.2%	5.9	-13.3%	14.1%	5.6	-0.4%	5.2	0.9%	-7.0%
	2017	24,334	-2.4%	24,721	1.3%	1.6%	4.1	-19.8%	5.4	-8.0%	30.9%	6.1	9.8%	6.2	19.6%	1.3%
	2018	25,430	4.5%	25,351	2.5%	-0.3%	6.5	58.6%	7.2	33.5%	10.2%	5.7	-7.3%	5.9	-5.5%	3.3%
	2019	25,623	0.8%	25,174	-0.7%	-1.8%	4.6	-29.9%	6.0	-17.2%	30.1%	5.8	1.8%	5.6	-5.3%	-3.9%
	2020	55,936	118.3%	55,814	121.7%	-0.2%	10.5	129.1%	12.9	115.5%	22.4%	11.7	102.3%	11.3	103.4%	-3.4%
Projected	2021	56,013	0.1%	56,013	0.4%		13.8	30.9%	13.8	6.9%		12.3	4.8%	12.3	8.5%	
	2022			56,467	0.8%				13.9	1.3%				12.4	0.8%	
	2023			56,987	0.9%				14.1	0.8%				12.5	1.0%	
	2024			57,718	1.3%				14.2	0.8%				12.6	1.1%	
	2025			58,117	0.7%				14.3	1.1%				12.7	0.8%	
	2026			58,532	0.7%				14.4	0.7%				12.8	0.7%	
	2027			58,899	0.6%				14.5	0.6%				12.9	0.6%	
	2028			59,388	0.8%				14.6	0.5%				13.0	0.6%	
	2029			59,621	0.4%				14.7	0.8%				13.0	0.6%	
	2030			59,988	0.6%				14.8	0.6%				13.1	0.6%	
	2031			60,345	0.6%				14.9	0.6%				13.2	0.6%	
	2032			60,814	0.8%				14.9	0.4%				13.3	0.6%	
	2033			61,023	0.3%				15.0	0.7%				13.3	0.6%	
	2034			61,369	0.6%				15.1	0.6%				13.4	0.6%	
	2035			61,719	0.6%				15.2	0.6%				13.5	0.6%	
	2036			62,202	0.8%				15.3	0.4%				13.6	0.6%	
	2037			62,406	0.3%				15.4	0.7%				13.7	0.5%	
	2038			62,745	0.5%				15.5	0.5%				13.7	0.5%	
	2039			63,086	0.5%				15.6	0.5%				13.8	0.5%	
	2040			63,563	0.8%				15.6	0.4%				13.9	0.5%	
CAGR [3]	2011-2020		9.2%		9.5%			4.7%		7.4%			9.5%		9.1%	
	2021-2030				0.8%					0.8%					0.8%	
	2031-2040				0.6%					0.5%					0.6%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Bushnell

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	25,311	-	25,311	-	7.2	5.9	7.2	5.9	7.0	5.2	7.0	5.2
	2012	23,675	-6.5%	23,675	-6.5%	6.3	5.6	6.3	5.6	5.5	4.8	5.5	4.8
	2013	23,262	-1.7%	23,262	-1.7%	5.8	5.9	5.8	5.9	5.8	5.0	5.8	5.0
	2014	23,792	2.3%	23,792	2.3%	6.3	5.8	6.3	5.8	6.3	5.4	6.3	5.4
	2015	24,259	2.0%	24,259	2.0%	6.7	5.8	6.7	5.8	6.7	5.6	6.7	5.6
	2016	24,927	2.8%	24,927	2.8%	6.0	6.1	6.0	6.1	5.1	5.6	5.1	5.6
	2017	24,334	-2.4%	24,334	-2.4%	5.2	6.1	5.2	6.1	4.1	6.1	4.1	6.1
	2018	25,430	4.5%	25,430	4.5%	6.8	5.9	6.8	5.9	6.5	5.7	6.5	5.7
	2019	25,623	0.8%	25,623	0.8%	5.3	5.9	5.3	5.9	4.6	5.8	4.6	5.8
	2020	55,936	118.3%	57,146	123.0%	12.2	11.8	15.3	12.9	10.5	11.7	15.0	11.9
Projected	2021	56,013	0.1%	57,170	0.0%	14.0	13.1	15.4	12.9	13.8	12.3	15.1	11.9
	2022	56,467	0.8%	57,563	0.7%	14.2	13.2	15.5	13.0	13.9	12.4	15.2	12.0
	2023	56,987	0.9%	57,945	0.7%	14.3	13.3	15.6	13.1	14.1	12.5	15.3	12.1
	2024	57,718	1.3%	58,459	0.9%	14.4	13.5	15.7	13.2	14.2	12.6	15.4	12.2
	2025	58,117	0.7%	58,693	0.4%	14.6	13.6	15.8	13.3	14.3	12.7	15.5	12.3
	2026	58,532	0.7%	59,080	0.7%	14.7	13.7	15.9	13.4	14.4	12.8	15.6	12.3
	2027	58,899	0.6%	59,463	0.6%	14.8	13.7	16.0	13.5	14.5	12.9	15.7	12.4
	2028	59,388	0.8%	60,002	0.9%	14.8	13.8	16.1	13.5	14.6	13.0	15.8	12.5
	2029	59,621	0.4%	60,249	0.4%	15.0	13.9	16.2	13.6	14.7	13.0	15.9	12.6
	2030	59,988	0.6%	60,649	0.7%	15.0	14.0	16.3	13.7	14.8	13.1	16.0	12.7
	2031	60,345	0.6%	61,050	0.7%	15.1	14.1	16.4	13.8	14.9	13.2	16.1	12.7
	2032	60,814	0.8%	61,604	0.9%	15.2	14.2	16.5	13.9	14.9	13.3	16.2	12.8
	2033	61,023	0.3%	61,856	0.4%	15.3	14.2	16.6	14.0	15.0	13.3	16.3	12.9
	2034	61,369	0.6%	62,267	0.7%	15.4	14.3	16.7	14.1	15.1	13.4	16.4	13.0
	2035	61,719	0.6%	62,684	0.7%	15.5	14.4	16.9	14.2	15.2	13.5	16.5	13.1
	2036	62,202	0.8%	63,261	0.9%	15.5	14.5	17.0	14.3	15.3	13.6	16.6	13.2
	2037	62,406	0.3%	63,522	0.4%	15.7	14.6	17.1	14.4	15.4	13.7	16.8	13.3
	2038	62,745	0.5%	63,939	0.7%	15.7	14.6	17.2	14.5	15.5	13.7	16.9	13.3
	2039	63,086	0.5%	64,354	0.7%	15.8	14.7	17.3	14.6	15.6	13.8	17.0	13.4
	2040	63,563	0.8%			15.9	14.8			15.6	13.9		
CAGR[1]	Historical		9.2%		0.2%	6.1%	8.1%	-3.7%	0.1%	8.4%	11.9%	-2.6%	2.8%
	1st 10 Prj Yrs		0.8%		0.6%	0.8%	0.8%	0.6%	0.6%	0.8%	0.8%	0.6%	0.6%
	2nd 10 Prj Yrs		0.6%		0.7%	0.5%	0.6%	0.7%	0.7%	0.5%	0.6%	0.7%	0.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Bushnell

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	25,311	-	24,578	-	-2.9%	7.0	-	6.8	-	-2.8%	5.2	-	5.2		-0.1%
	2012	23,675	-6.5%	24,108	-1.9%	1.8%	5.5	-20.8%	5.6	-18.2%	0.5%	4.8	-8.3%	5.8	11.0%	20.9%
	2013	23,262	-1.7%	23,500	-2.5%	1.0%	5.8	4.2%	5.5	-0.1%	-3.6%	5.0	5.8%	5.3	-8.7%	4.4%
	2014	23,792	2.3%	23,663	0.7%	-0.5%	6.3	10.1%	6.7	21.3%	6.2%	5.4	7.1%	5.3	0.9%	-1.6%
	2015	24,259	2.0%	23,774	0.5%	-2.0%	6.7	5.7%	6.8	0.7%	1.1%	5.6	4.0%	5.1	-3.0%	-8.2%
	2016	24,927	2.8%	24,397	2.6%	-2.1%	5.1	-23.2%	5.9	-13.3%	14.1%	5.6	-0.4%	5.2	0.9%	-7.0%
	2017	24,334	-2.4%	24,721	1.3%	1.6%	4.1	-19.8%	5.4	-8.0%	30.9%	6.1	9.8%	6.2	19.6%	1.3%
	2018	25,430	4.5%	25,351	2.5%	-0.3%	6.5	58.6%	7.2	33.5%	10.2%	5.7	-7.3%	5.9	-5.5%	3.3%
	2019	25,623	0.8%	25,174	-0.7%	-1.8%	4.6	-29.9%	6.0	-17.2%	30.1%	5.8	1.8%	5.6	-5.3%	-3.9%
	2020	55,936	118.3%	54,686	117.2%	-2.2%	10.5	129.1%	12.9	115.5%	22.4%	11.7	102.3%	11.3	103.4%	-3.4%
Projected	2021	55,892	-0.1%	55,892	2.2%		13.8	30.9%	13.8	6.9%		12.2	4.6%	12.2	8.3%	
	2022			56,304	0.7%				13.9	1.3%				12.3	0.7%	
	2023			56,782	0.8%				14.1	0.8%				12.4	0.9%	
	2024			57,464	1.2%				14.2	0.8%				12.6	1.0%	
	2025			57,810	0.6%				14.3	1.1%				12.7	0.7%	
	2026			58,149	0.6%				14.4	0.7%				12.7	0.5%	
	2027			58,433	0.5%				14.5	0.6%				12.8	0.5%	
	2028			58,832	0.7%				14.6	0.5%				12.8	0.4%	
	2029			58,972	0.2%				14.7	0.8%				12.9	0.4%	
	2030			59,241	0.5%				14.8	0.6%				12.9	0.4%	
	2031			59,535	0.5%				14.9	0.6%				13.0	0.5%	
	2032			59,938	0.7%				14.9	0.4%				13.1	0.4%	
	2033			60,082	0.2%				15.0	0.7%				13.1	0.5%	
	2034			60,360	0.5%				15.1	0.6%				13.2	0.5%	
	2035			60,638	0.5%				15.2	0.6%				13.2	0.5%	
	2036			61,044	0.7%				15.3	0.4%				13.3	0.4%	
	2037			61,169	0.2%				15.4	0.7%				13.4	0.4%	
	2038			61,424	0.4%				15.5	0.5%				13.4	0.4%	
	2039			61,722	0.5%				15.6	0.5%				13.5	0.5%	
	2040			62,112	0.6%				15.6	0.4%				13.5	0.4%	
CAGR [3]	2011-2020		9.2%		9.3%			4.7%		7.4%			9.5%		9.1%	
	2021-2030				0.6%					0.8%					0.6%	
	2031-2040				0.5%					0.5%					0.4%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Bushnell

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	25,311	-	24,578	-	-2.9%	7.2	-	40.4%	5.9	-	49.0%
	2012	23,675	-6.5%	24,108	-1.9%	1.8%	6.3	-12.1%	43.0%	5.6	-5.8%	48.7%
	2013	23,262	-1.7%	23,500	-2.5%	1.0%	5.8	-8.6%	46.2%	5.9	5.5%	45.3%
	2014	23,792	2.3%	23,663	0.7%	-0.5%	6.3	10.1%	42.9%	5.8	-1.5%	47.0%
	2015	24,259	2.0%	23,774	0.5%	-2.0%	6.7	5.7%	41.4%	5.8	0.4%	47.8%
	2016	24,927	2.8%	24,397	2.6%	-2.1%	6.0	-10.6%	47.5%	6.1	4.5%	47.0%
	2017	24,334	-2.4%	24,721	1.3%	1.6%	5.2	-13.1%	53.4%	6.1	1.1%	45.4%
	2018	25,430	4.5%	25,351	2.5%	-0.3%	6.8	31.1%	42.6%	5.9	-3.5%	49.1%
	2019	25,623	0.8%	25,174	-0.7%	-1.8%	5.3	-22.2%	55.1%	5.9	0.2%	49.4%
	2020	55,936	118.3%	55,814	121.7%	-0.2%	12.2	130.1%	52.3%	11.8	99.7%	54.0%
Projected	2021	55,892	-0.1%	55,892	0.1%		14.0	14.6%	45.6%	13.1	10.3%	48.9%
	2022	56,304	0.7%	56,304	0.7%		14.2	1.3%	45.3%	13.2	0.8%	48.9%
	2023	56,782	0.8%	56,782	0.8%		14.3	0.8%	45.3%	13.3	0.9%	48.8%
	2024	57,464	1.2%	57,464	1.2%		14.4	0.8%	45.5%	13.4	1.0%	48.9%
	2025	57,810	0.6%	57,810	0.6%		14.6	1.1%	45.3%	13.5	0.7%	48.9%
	2026	58,149	0.6%	58,149	0.6%		14.7	0.7%	45.2%	13.6	0.5%	48.9%
	2027	58,433	0.5%	58,433	0.5%		14.8	0.6%	45.1%	13.6	0.5%	48.9%
	2028	58,832	0.7%	58,832	0.7%		14.8	0.5%	45.2%	13.7	0.5%	49.0%
	2029	58,972	0.2%	58,972	0.2%		15.0	0.8%	45.0%	13.8	0.5%	48.9%
	2030	59,241	0.5%	59,241	0.5%		15.0	0.6%	44.9%	13.8	0.5%	48.9%
	2031	59,535	0.5%	59,535	0.5%		15.1	0.6%	44.9%	13.9	0.5%	48.9%
	2032	59,938	0.7%	59,938	0.7%		15.2	0.4%	45.0%	14.0	0.5%	49.0%
	2033	60,082	0.2%	60,082	0.2%		15.3	0.7%	44.8%	14.0	0.5%	48.9%
	2034	60,360	0.5%	60,360	0.5%		15.4	0.6%	44.8%	14.1	0.5%	48.9%
	2035	60,638	0.5%	60,638	0.5%		15.5	0.6%	44.7%	14.1	0.5%	48.9%
	2036	61,044	0.7%	61,044	0.7%		15.5	0.4%	44.8%	14.2	0.4%	49.0%
	2037	61,169	0.2%	61,169	0.2%		15.7	0.7%	44.6%	14.3	0.4%	48.9%
	2038	61,424	0.4%	61,424	0.4%		15.7	0.5%	44.5%	14.3	0.4%	48.9%
	2039	61,722	0.5%	61,722	0.5%		15.8	0.5%	44.5%	14.4	0.5%	48.9%
	2040	62,112	0.6%	62,112	0.6%		15.9	0.4%	44.6%	14.5	0.4%	49.0%
CAGR [1]	2011-2020		9.2%		9.5%			6.1%	46.5%		8.1%	48.3%
	2021-2030		0.6%		0.6%			0.8%	45.3%		0.6%	48.9%
	2031-2040		0.5%		0.5%			0.5%	44.7%		0.4%	49.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Bushnell

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	2,104	1,714	1,768	1,960	2,189	2,297	2,335	2,562	2,255	1,807	1,652	1,722	24,365	25,311
	2012	1,922	1,731	1,865	1,868	2,206	2,047	2,297	2,369	2,187	1,968	1,680	1,768	23,910	23,675
	2013	1,714	1,651	1,815	1,767	1,934	2,058	2,188	2,476	2,243	2,021	1,636	1,713	23,216	23,262
	2014	2,194	1,689	1,671	1,744	2,097	2,120	2,276	2,446	2,184	1,939	1,699	1,843	23,903	23,792
	2015	1,897	1,777	1,805	2,002	2,241	2,232	2,197	2,398	2,228	1,967	1,809	1,785	24,338	24,259
	2016	1,926	1,797	1,786	1,803	2,149	2,376	2,610	2,550	2,368	1,985	1,630	1,738	24,719	24,927
	2017	1,796	1,594	1,804	1,906	2,267	2,191	2,418	2,669	2,338	2,195	1,693	1,824	24,694	24,334
	2018	2,288	1,739	1,848	1,853	2,163	2,273	2,309	2,652	2,593	2,289	1,834	1,876	25,717	25,430
	2019	2,025	1,687	1,775	1,882	2,370	2,357	2,470	2,612	2,446	3,662	4,028	4,248	31,562	25,623
	2020	4,619	4,403	4,848	4,272	4,678	5,147	5,386	5,494	5,151	5,014	3,882	4,160	57,054	55,936
Projected	2021	4,628	3,815	4,213	4,453	4,796	4,935	5,304	5,457	5,235	5,055	3,846	4,272	56,009	55,892
	2022	4,648	3,841	4,247	4,480	4,829	4,969	5,341	5,498	5,278	5,093	3,879	4,310	56,413	56,304
	2023	4,683	3,871	4,281	4,521	4,872	5,011	5,388	5,546	5,326	5,145	3,918	4,354	56,917	56,782
	2024	4,723	4,034	4,328	4,565	4,923	5,063	5,434	5,599	5,379	5,190	3,956	4,397	57,591	57,464
	2025	4,764	3,943	4,364	4,603	4,963	5,101	5,473	5,639	5,417	5,225	3,982	4,427	57,900	57,810
	2026	4,794	3,968	4,389	4,631	4,991	5,128	5,502	5,668	5,445	5,253	4,001	4,452	58,220	58,149
	2027	4,819	3,989	4,409	4,653	5,016	5,151	5,526	5,694	5,470	5,278	4,018	4,475	58,499	58,433
	2028	4,844	4,137	4,429	4,674	5,039	5,173	5,551	5,719	5,494	5,302	4,035	4,499	58,896	58,832
	2029	4,870	4,030	4,448	4,695	5,062	5,195	5,574	5,744	5,518	5,326	4,052	4,522	59,037	58,972
	2030	4,895	4,051	4,467	4,716	5,085	5,217	5,598	5,769	5,542	5,354	4,072	4,547	59,314	59,241
Projected	2031	4,922	4,073	4,489	4,740	5,109	5,241	5,624	5,795	5,568	5,379	4,090	4,570	59,600	59,535
	2032	4,947	4,224	4,508	4,761	5,133	5,264	5,649	5,821	5,592	5,404	4,108	4,593	60,003	59,938
	2033	4,972	4,114	4,528	4,782	5,156	5,287	5,674	5,847	5,617	5,429	4,126	4,616	60,148	60,082
	2034	4,997	4,135	4,548	4,804	5,180	5,311	5,699	5,873	5,643	5,454	4,143	4,639	60,426	60,360
	2035	5,022	4,155	4,568	4,826	5,204	5,334	5,724	5,900	5,668	5,479	4,161	4,663	60,704	60,638
	2036	5,048	4,309	4,588	4,847	5,227	5,356	5,749	5,925	5,692	5,502	4,178	4,685	61,106	61,044
	2037	5,073	4,196	4,607	4,867	5,249	5,378	5,772	5,949	5,715	5,525	4,194	4,707	61,230	61,169
	2038	5,097	4,216	4,625	4,887	5,270	5,399	5,795	5,972	5,738	5,552	4,213	4,731	61,494	61,424
	2039	5,123	4,238	4,647	4,910	5,296	5,424	5,822	6,001	5,765	5,575	4,229	4,753	61,783	61,722
	2040	5,147	4,393	4,665	4,930	5,317	5,445	5,845	6,024	5,787	5,598	4,245	4,775	62,173	62,112

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	8.6%	7.0%	7.3%	8.0%	9.0%	9.4%	9.6%	10.5%	9.3%	7.4%	6.8%	7.1%	100.0%
	2012	8.0%	7.2%	7.8%	7.8%	9.2%	8.6%	9.6%	9.9%	9.1%	8.2%	7.0%	7.4%	100.0%
	2013	7.4%	7.1%	7.8%	7.6%	8.3%	8.9%	9.4%	10.7%	9.7%	8.7%	7.0%	7.4%	100.0%
	2014	9.2%	7.1%	7.0%	7.3%	8.8%	8.9%	9.5%	10.2%	9.1%	8.1%	7.1%	7.7%	100.0%
	2015	7.8%	7.3%	7.4%	8.2%	9.2%	9.2%	9.0%	9.9%	9.2%	8.1%	7.4%	7.3%	100.0%
	2016	7.8%	7.3%	7.2%	7.3%	8.7%	9.6%	10.6%	10.3%	9.6%	8.0%	6.6%	7.0%	100.0%
	2017	7.3%	6.5%	7.3%	7.7%	9.2%	8.9%	9.8%	10.8%	9.5%	8.9%	6.9%	7.4%	100.0%
	2018	8.9%	6.8%	7.2%	7.2%	8.4%	8.8%	9.0%	10.3%	10.1%	8.9%	7.1%	7.3%	100.0%
	2019	6.4%	5.3%	5.6%	6.0%	7.5%	7.5%	7.8%	8.3%	7.8%	11.6%	12.8%	13.5%	100.0%
	2020	8.1%	7.7%	8.5%	7.5%	8.2%	9.0%	9.4%	9.6%	9.0%	8.8%	6.8%	7.3%	100.0%
Projected	2021	8.3%	6.8%	7.5%	8.0%	8.6%	8.8%	9.5%	9.7%	9.3%	9.0%	6.9%	7.6%	100.0%
	2022	8.2%	6.8%	7.5%	7.9%	8.6%	8.8%	9.5%	9.7%	9.4%	9.0%	6.9%	7.6%	100.0%
	2023	8.2%	6.8%	7.5%	7.9%	8.6%	8.8%	9.5%	9.7%	9.4%	9.0%	6.9%	7.6%	100.0%
	2024	8.2%	7.0%	7.5%	7.9%	8.5%	8.8%	9.4%	9.7%	9.3%	9.0%	6.9%	7.6%	100.0%
	2025	8.2%	6.8%	7.5%	8.0%	8.6%	8.8%	9.5%	9.7%	9.4%	9.0%	6.9%	7.6%	100.0%
	2026	8.2%	6.8%	7.5%	8.0%	8.6%	8.8%	9.4%	9.7%	9.4%	9.0%	6.9%	7.6%	100.0%
	2027	8.2%	6.8%	7.5%	8.0%	8.6%	8.8%	9.4%	9.7%	9.4%	9.0%	6.9%	7.7%	100.0%
	2028	8.2%	7.0%	7.5%	7.9%	8.6%	8.8%	9.4%	9.7%	9.3%	9.0%	6.9%	7.6%	100.0%
	2029	8.2%	6.8%	7.5%	8.0%	8.6%	8.8%	9.4%	9.7%	9.3%	9.0%	6.9%	7.7%	100.0%
	2030	8.3%	6.8%	7.5%	8.0%	8.6%	8.8%	9.4%	9.7%	9.3%	9.0%	6.9%	7.7%	100.0%
Avg.	2011-2020	8.0%	6.9%	7.3%	7.5%	8.7%	8.9%	9.4%	10.1%	9.2%	8.7%	7.6%	7.9%	100.0%
	2021-2030	8.2%	6.9%	7.5%	7.9%	8.6%	8.8%	9.4%	9.7%	9.3%	9.0%	6.9%	7.6%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Low Economic Case

Bushnell

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	6.8	5.7	3.9	5.0	5.3	5.5	5.1	5.9	5.4	4.5	4.1	4.2	7.2	5.9
	2012	6.1	6.3	4.4	4.8	5.2	5.1	5.0	5.6	5.3	5.0	4.3	4.1	6.3	5.6
	2013	4.4	5.5	5.8	4.6	5.1	5.0	5.6	5.9	5.7	5.0	4.4	4.5	5.8	5.9
	2014	6.3	5.3	3.7	4.9	5.1	5.4	5.2	5.8	5.5	5.0	4.9	4.9	6.3	5.8
	2015	5.3	6.7	4.3	4.8	5.6	5.6	5.1	5.8	5.6	5.1	5.1	4.2	6.7	5.8
	2016	6.0	5.7	4.4	4.9	5.2	5.5	5.9	6.1	5.7	5.0	4.2	4.5	6.0	6.1
	2017	5.2	4.2	4.8	5.5	5.6	5.6	5.6	6.1	5.8	5.6	4.1	5.2	5.2	6.1
	2018	6.8	4.6	4.7	4.5	5.4	5.4	5.3	5.7	5.9	5.6	4.8	5.0	6.8	5.9
	2019	5.3	4.4	4.3	4.7	5.9	5.8	5.7	5.9	5.8	11.4	10.3	9.2	5.3	5.9
	2020	12.2	10.5	11.0	10.8	11.1	11.8	11.4	11.8	11.8	9.8	9.8	10.6	12.2	11.8
Projected	2021	14.0	12.4	11.2	10.2	11.4	11.8	11.1	13.1	12.0	10.8	9.9	10.8	14.0	13.1
	2022	14.2	12.5	11.3	10.3	11.5	11.9	11.2	13.2	12.1	10.9	10.0	10.8	14.2	13.2
	2023	14.3	12.6	11.4	10.4	11.6	12.0	11.3	13.3	12.2	11.0	10.1	10.9	14.3	13.3
	2024	14.4	12.7	11.5	10.5	11.7	12.1	11.4	13.4	12.3	11.1	10.2	11.1	14.4	13.4
	2025	14.6	12.9	11.6	10.5	11.8	12.2	11.5	13.5	12.4	11.2	10.3	11.1	14.6	13.5
	2026	14.7	13.0	11.7	10.6	11.9	12.2	11.5	13.6	12.5	11.2	10.4	11.2	14.7	13.6
	2027	14.8	13.0	11.8	10.7	12.0	12.3	11.6	13.6	12.5	11.3	10.4	11.3	14.8	13.6
	2028	14.8	13.1	11.8	10.7	12.0	12.3	11.7	13.7	12.6	11.4	10.5	11.3	14.8	13.7
	2029	15.0	13.2	11.9	10.8	12.1	12.4	11.7	13.8	12.7	11.4	10.6	11.4	15.0	13.8
	2030	15.0	13.3	12.0	10.8	12.1	12.4	11.8	13.8	12.7	11.5	10.6	11.5	15.0	13.8
Projected	2031	15.1	13.4	12.1	10.9	12.2	12.5	11.8	13.9	12.8	11.5	10.7	11.5	15.1	13.9
	2032	15.2	13.4	12.1	10.9	12.3	12.6	11.9	14.0	12.8	11.6	10.7	11.6	15.2	14.0
	2033	15.3	13.5	12.2	11.0	12.3	12.6	11.9	14.0	12.9	11.6	10.8	11.7	15.3	14.0
	2034	15.4	13.6	12.3	11.0	12.4	12.7	12.0	14.1	12.9	11.7	10.9	11.7	15.4	14.1
	2035	15.5	13.7	12.3	11.1	12.5	12.7	12.0	14.1	13.0	11.8	10.9	11.8	15.5	14.1
	2036	15.5	13.7	12.4	11.2	12.5	12.8	12.1	14.2	13.1	11.8	11.0	11.9	15.5	14.2
	2037	15.7	13.8	12.5	11.2	12.6	12.8	12.1	14.3	13.1	11.9	11.0	11.9	15.7	14.3
	2038	15.7	13.9	12.6	11.3	12.6	12.9	12.2	14.3	13.2	11.9	11.1	12.0	15.7	14.3
	2039	15.8	14.0	12.6	11.3	12.7	12.9	12.2	14.4	13.2	12.0	11.1	12.0	15.8	14.4
	2040	15.9	14.0	12.7	11.4	12.8	13.0	12.3	14.5	13.3	12.0	11.2	12.1	15.9	14.5

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	41.7%	44.9%	60.5%	54.4%	55.6%	58.1%	61.2%	58.4%	58.3%	54.5%	56.6%	55.5%	38.9%	47.2%
	2012	42.3%	39.5%	56.7%	53.6%	56.6%	55.8%	62.2%	57.3%	56.8%	53.0%	53.8%	57.6%	43.4%	49.2%
	2013	52.5%	44.9%	42.4%	53.1%	51.4%	56.8%	52.3%	56.8%	54.8%	54.7%	52.1%	51.4%	46.1%	45.2%
	2014	46.6%	47.1%	60.7%	49.5%	55.1%	54.9%	58.7%	56.9%	54.8%	52.2%	48.3%	50.5%	43.1%	47.3%
	2015	48.3%	39.5%	56.9%	58.0%	53.8%	55.4%	57.5%	55.6%	55.3%	52.3%	48.9%	57.6%	41.5%	48.0%
	2016	43.3%	45.5%	54.7%	51.6%	55.2%	59.7%	59.1%	56.6%	58.1%	53.5%	53.4%	52.3%	47.1%	46.6%
	2017	46.4%	56.8%	50.3%	48.5%	54.5%	54.3%	57.6%	58.6%	55.6%	52.4%	56.9%	47.4%	54.2%	46.0%
	2018	45.1%	56.2%	52.4%	57.7%	54.0%	58.9%	58.5%	62.0%	60.9%	55.0%	53.0%	50.5%	43.1%	49.7%
	2019	51.3%	57.3%	55.3%	55.9%	53.8%	56.0%	58.4%	59.6%	58.1%	43.2%	54.3%	62.3%	67.9%	60.8%
	2020	50.8%	60.5%	59.3%	54.8%	56.8%	60.4%	63.6%	62.8%	60.5%	69.0%	54.9%	52.7%	53.3%	55.0%
Projected	2021	44.4%	46.0%	50.7%	60.7%	56.4%	58.2%	64.1%	56.2%	60.5%	62.9%	53.7%	53.4%	45.7%	49.0%
	2022	44.1%	45.7%	50.5%	60.6%	56.4%	58.2%	64.1%	56.2%	60.5%	62.9%	53.7%	53.4%	45.4%	48.9%
	2023	44.0%	45.7%	50.5%	60.6%	56.4%	58.2%	64.1%	56.2%	60.5%	63.0%	53.8%	53.5%	45.4%	48.9%
	2024	44.0%	45.5%	50.6%	60.6%	56.4%	58.2%	64.0%	56.1%	60.6%	62.9%	53.8%	53.5%	45.6%	49.1%
	2025	43.9%	45.6%	50.4%	60.6%	56.4%	58.3%	64.0%	56.1%	60.6%	62.9%	53.7%	53.4%	45.3%	49.0%
	2026	43.9%	45.6%	50.4%	60.6%	56.4%	58.3%	64.0%	56.1%	60.6%	62.8%	53.6%	53.4%	45.3%	49.0%
	2027	43.8%	45.5%	50.3%	60.6%	56.4%	58.3%	64.0%	56.1%	60.6%	62.8%	53.6%	53.4%	45.2%	49.0%
	2028	43.9%	45.4%	50.3%	60.6%	56.3%	58.2%	64.0%	56.1%	60.6%	62.8%	53.4%	53.3%	45.3%	49.1%
	2029	43.8%	45.4%	50.1%	60.5%	56.3%	58.2%	64.0%	56.1%	60.5%	62.7%	53.3%	53.3%	45.1%	49.0%
	2030	43.7%	45.4%	50.0%	60.5%	56.2%	58.2%	64.0%	56.1%	60.5%	62.7%	53.3%	53.2%	45.0%	49.0%
Avg.	2011-2020	46.8%	49.2%	54.9%	53.7%	54.7%	57.0%	58.9%	58.5%	57.3%	54.0%	53.2%	53.8%	47.9%	49.5%
	2021-2030	44.0%	45.6%	50.4%	60.6%	56.4%	58.2%	64.1%	56.1%	60.5%	62.9%	53.6%	53.4%	45.3%	49.0%

FMPA 2021 Load Forecast - Low Economic Case

Bushnell

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	6.8	5.7	3.0	4.6	4.8	5.4	5.0	5.2	5.3	4.0	3.7	2.8	7.0	5.2
	2012	5.5	6.3	4.0	4.6	4.6	4.7	4.8	5.3	5.1	4.8	2.6	4.1	5.5	4.8
	2013	4.4	5.5	5.8	4.6	4.5	4.6	5.2	5.0	5.3	4.8	4.2	2.8	5.8	5.0
	2014	6.3	5.3	2.6	4.5	4.7	5.0	4.9	5.4	5.5	5.0	4.8	4.9	6.3	5.4
	2015	5.3	6.7	3.9	4.3	5.0	5.6	4.8	5.3	5.1	4.8	5.1	3.4	6.7	5.6
	2016	6.0	5.7	4.1	4.7	5.1	5.2	5.6	5.3	5.2	4.8	4.0	3.2	5.1	5.6
	2017	5.2	3.9	4.1	5.0	5.2	5.4	5.5	6.1	5.8	5.6	4.1	5.2	4.1	6.1
	2018	6.5	4.5	4.2	4.3	5.1	4.9	5.1	5.7	5.9	5.2	4.6	5.0	6.5	5.7
	2019	5.1	4.2	4.3	4.7	5.7	5.8	5.0	5.9	5.4	10.6	10.2	7.2	4.6	5.8
	2020	12.2	10.0	10.5	9.2	10.6	11.7	11.3	11.6	11.8	9.3	9.1	9.0	10.5	11.7
Projected	2021	13.8	12.1	9.9	9.5	10.6	11.3	10.5	12.2	11.5	10.3	9.2	9.2	13.8	12.2
	2022	13.9	12.3	10.1	9.6	10.7	11.4	10.6	12.3	11.6	10.4	9.3	9.2	13.9	12.3
	2023	14.1	12.4	10.2	9.7	10.8	11.5	10.7	12.4	11.7	10.5	9.4	9.3	14.1	12.4
	2024	14.2	12.5	10.2	9.8	10.9	11.6	10.8	12.6	11.8	10.6	9.5	9.4	14.2	12.6
	2025	14.3	12.6	10.4	9.9	11.0	11.7	10.9	12.7	11.9	10.7	9.5	9.5	14.3	12.7
	2026	14.4	12.7	10.4	9.9	11.0	11.7	10.9	12.7	12.0	10.7	9.6	9.5	14.4	12.7
	2027	14.5	12.8	10.5	10.0	11.1	11.8	11.0	12.8	12.0	10.8	9.6	9.6	14.5	12.8
	2028	14.6	12.9	10.6	10.0	11.2	11.8	11.0	12.8	12.1	10.8	9.7	9.7	14.6	12.8
	2029	14.7	13.0	10.6	10.1	11.2	11.9	11.1	12.9	12.1	10.9	9.8	9.7	14.7	12.9
	2030	14.8	13.0	10.7	10.1	11.3	11.9	11.1	12.9	12.2	10.9	9.8	9.8	14.8	12.9
Projected	2031	14.9	13.1	10.8	10.2	11.3	12.0	11.2	13.0	12.3	11.0	9.9	9.8	14.9	13.0
	2032	14.9	13.2	10.8	10.2	11.4	12.0	11.2	13.1	12.3	11.1	9.9	9.9	14.9	13.1
	2033	15.0	13.3	10.9	10.3	11.4	12.1	11.3	13.1	12.4	11.1	10.0	9.9	15.0	13.1
	2034	15.1	13.3	10.9	10.3	11.5	12.1	11.3	13.2	12.4	11.2	10.1	10.0	15.1	13.2
	2035	15.2	13.4	11.0	10.4	11.6	12.2	11.3	13.2	12.5	11.2	10.1	10.0	15.2	13.2
	2036	15.3	13.5	11.1	10.4	11.6	12.2	11.4	13.3	12.5	11.3	10.2	10.1	15.3	13.3
	2037	15.4	13.6	11.1	10.5	11.7	12.3	11.4	13.4	12.6	11.3	10.2	10.2	15.4	13.4
	2038	15.5	13.6	11.2	10.5	11.7	12.3	11.5	13.4	12.6	11.4	10.3	10.2	15.5	13.4
	2039	15.6	13.7	11.2	10.6	11.8	12.4	11.5	13.5	12.7	11.4	10.3	10.3	15.6	13.5
	2040	15.6	13.8	11.3	10.6	11.8	12.4	11.6	13.5	12.7	11.5	10.4	10.3	15.6	13.5

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	99.8%	100.0%	75.2%	92.4%	89.8%	98.3%	98.2%	88.0%	97.8%	90.4%	92.2%	67.3%	97.4%	88.0%
	2012	90.4%	100.0%	91.3%	94.3%	87.9%	93.0%	95.8%	96.1%	95.3%	97.1%	59.9%	100.0%	87.7%	85.7%
	2013	100.0%	100.0%	100.0%	99.0%	89.6%	92.0%	93.1%	85.9%	92.9%	97.5%	95.5%	61.7%	100.0%	85.9%
	2014	100.0%	100.0%	70.1%	92.2%	92.8%	94.1%	93.8%	93.3%	98.8%	100.0%	97.7%	100.0%	100.0%	93.3%
	2015	100.0%	100.0%	91.0%	89.4%	89.0%	100.0%	92.5%	92.0%	90.7%	95.8%	100.0%	80.8%	100.0%	96.7%
	2016	100.0%	100.0%	94.5%	96.4%	98.1%	94.6%	93.9%	87.3%	92.0%	97.3%	95.3%	71.0%	85.9%	92.1%
	2017	100.0%	92.4%	85.6%	91.3%	93.7%	96.4%	97.9%	100.0%	99.6%	100.0%	98.0%	100.0%	79.3%	100.0%
	2018	96.0%	97.6%	87.9%	95.7%	94.8%	92.0%	96.2%	98.8%	100.0%	93.8%	95.4%	100.0%	96.0%	96.1%
	2019	96.4%	96.8%	99.9%	99.5%	96.8%	99.0%	88.4%	100.0%	92.9%	93.4%	98.8%	78.1%	86.5%	97.6%
	2020	100.0%	95.7%	95.7%	84.7%	95.4%	98.9%	99.2%	98.6%	100.0%	95.4%	92.7%	85.2%	86.1%	98.9%
Projected	2021	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.6%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2022	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.6%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2023	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.6%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2024	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.6%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2025	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.5%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2026	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.5%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2027	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.5%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2028	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.5%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2029	98.3%	98.3%	89.1%	93.4%	92.7%	95.8%	94.5%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2030	98.3%	98.3%	89.1%	93.4%	92.7%	95.8%	94.5%	93.7%	95.9%	95.4%	92.7%	85.2%	98.3%	93.7%
	2011-2020	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.9%	94.0%	96.0%	96.1%	92.5%	84.4%	91.9%	93.4%
	2021-2030	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.5%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%

FMPA 2021 Load Forecast - Low Economic Case - Bushnell

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service						TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	8,480		724		11,707		15,544		279		55.7		24,024		1,287	5.1%	25,311	
	2012	7,723	-8.9%	736	1.6%	10,491	-10.4%	14,907	-4.1%	278	-0.4%	53.6	-3.8%	22,630	-5.8%	1,045	4.4%	23,675	-6.5%
	2013	7,939	2.8%	736	0.0%	10,781	2.8%	14,570	-2.3%	281	0.9%	51.9	-3.2%	22,509	-0.5%	753	3.2%	23,262	-1.7%
	2014	8,149	2.6%	742	0.8%	10,978	1.8%	14,711	1.0%	278	-1.1%	53.0	2.1%	22,860	1.6%	932	3.9%	23,792	2.3%
	2015	8,301	1.9%	751	1.2%	11,048	0.6%	14,792	0.6%	279	0.4%	53.1	0.2%	23,093	1.0%	1,166	4.8%	24,259	2.0%
	2016	8,648	4.2%	755	0.5%	11,448	3.6%	15,376	3.9%	281	0.8%	54.8	3.1%	24,024	4.0%	903	3.6%	24,927	2.8%
	2017	8,211	-5.1%	766	1.4%	10,719	-6.4%	14,987	-2.5%	287	2.0%	52.3	-4.5%	23,198	-3.4%	1,136	4.7%	24,334	-2.4%
	2018	8,735	6.4%	772	0.7%	11,320	5.6%	15,461	3.2%	283	-1.3%	54.7	4.5%	24,196	4.3%	1,234	4.9%	25,430	4.5%
	2019	8,977	2.8%	780	1.1%	11,511	1.7%	15,618	1.0%	283	-0.1%	55.3	1.1%	24,595	1.6%	1,028	4.0%	25,623	0.8%
	2020	12,494	39.2%	1,131	45.0%	11,051	-4.0%	39,914	155.6%	426	50.7%	93.8	69.6%	52,408	113.1%	3,528	6.3%	55,936	118.3%
Projected	2021	12,251	-1.9%	1,166	3.2%	10,504	-5.0%	41,086	2.9%	440	3.4%	93.4	-0.4%	53,337	1.8%	2,676	4.8%	56,013	0.1%
	2022	11,981	-2.2%	1,167	0.1%	10,264	-2.3%	41,777	1.7%	443	0.7%	94.3	1.0%	53,758	0.8%	2,709	4.8%	56,467	0.8%
	2023	11,876	-0.9%	1,171	0.3%	10,144	-1.2%	42,378	1.4%	447	0.8%	94.9	0.7%	54,254	0.9%	2,734	4.8%	56,987	0.9%
	2024	11,741	-1.1%	1,174	0.3%	9,998	-1.4%	43,090	1.7%	450	0.7%	95.8	1.0%	54,830	1.1%	2,887	5.0%	57,718	1.3%
	2025	11,664	-0.7%	1,178	0.3%	9,904	-0.9%	43,666	1.3%	452	0.6%	96.5	0.7%	55,329	0.9%	2,787	4.8%	58,117	0.7%
	2026	11,653	-0.1%	1,181	0.3%	9,868	-0.4%	44,073	0.9%	455	0.5%	96.9	0.4%	55,725	0.7%	2,807	4.8%	58,532	0.7%
	2027	11,675	0.2%	1,184	0.3%	9,862	-0.1%	44,400	0.7%	457	0.5%	97.2	0.3%	56,075	0.6%	2,824	4.8%	58,899	0.6%
	2028	11,715	0.3%	1,187	0.2%	9,871	0.1%	44,703	0.7%	459	0.4%	97.4	0.2%	56,418	0.6%	2,970	5.0%	59,388	0.8%
	2029	11,766	0.4%	1,190	0.2%	9,890	0.2%	44,996	0.7%	461	0.4%	97.6	0.2%	56,762	0.6%	2,859	4.8%	59,621	0.4%
	2030	11,825	0.5%	1,192	0.2%	9,916	0.3%	45,286	0.6%	463	0.4%	97.9	0.3%	57,112	0.6%	2,877	4.8%	59,988	0.6%
	2031	11,886	0.5%	1,195	0.2%	9,946	0.3%	45,566	0.6%	464	0.4%	98.1	0.3%	57,451	0.6%	2,894	4.8%	60,345	0.6%
	2032	11,947	0.5%	1,197	0.2%	9,978	0.3%	45,826	0.6%	466	0.3%	98.4	0.3%	57,772	0.6%	3,041	5.0%	60,814	0.8%
	2033	12,011	0.5%	1,199	0.2%	10,014	0.4%	46,086	0.6%	467	0.3%	98.7	0.3%	58,097	0.6%	2,926	4.8%	61,023	0.3%
	2034	12,078	0.6%	1,202	0.2%	10,052	0.4%	46,348	0.6%	468	0.3%	98.9	0.3%	58,426	0.6%	2,943	4.8%	61,369	0.6%
	2035	12,148	0.6%	1,204	0.2%	10,093	0.4%	46,611	0.6%	470	0.3%	99.2	0.3%	58,759	0.6%	2,959	4.8%	61,719	0.6%
	2036	12,220	0.6%	1,206	0.2%	10,136	0.4%	46,872	0.6%	471	0.3%	99.5	0.3%	59,091	0.6%	3,111	5.0%	62,202	0.8%
	2037	12,289	0.6%	1,207	0.2%	10,178	0.4%	47,125	0.5%	472	0.3%	99.8	0.3%	59,414	0.5%	2,992	4.8%	62,406	0.3%
	2038	12,359	0.6%	1,209	0.2%	10,220	0.4%	47,378	0.5%	473	0.2%	100.1	0.3%	59,736	0.5%	3,009	4.8%	62,745	0.5%
	2039	12,428	0.6%	1,211	0.2%	10,261	0.4%	47,633	0.5%	475	0.2%	100.4	0.3%	60,061	0.5%	3,025	4.8%	63,086	0.5%
	2040	12,497	0.6%	1,213	0.2%	10,302	0.4%	47,887	0.5%	476	0.2%	100.7	0.3%	60,384	0.5%	3,179	5.0%	63,563	0.8%
CAGR	2011-2020		4.4%		5.1%		-0.6%		11.0%		4.8%		6.0%		9.1%		4.5%		9.2%
	2021-2030		-0.4%		0.2%		-0.6%		1.1%		0.6%		0.5%		0.8%		4.8%		0.8%
	2031-2040		0.6%		0.2%		0.4%		0.6%		0.3%		0.3%		0.6%		4.9%		0.6%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - High Economic Case

Bushnell

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	25,311	-	24,578	-	-2.9%	7.0	-	6.8	-	-2.8%	5.2	-	5.2		-0.1%
	2012	23,675	-6.5%	24,108	-1.9%	1.8%	5.5	-20.8%	5.6	-18.2%	0.5%	4.8	-8.3%	5.8	11.0%	20.9%
	2013	23,262	-1.7%	23,500	-2.5%	1.0%	5.8	4.2%	5.5	-0.1%	-3.6%	5.0	5.8%	5.3	-8.7%	4.4%
	2014	23,792	2.3%	23,663	0.7%	-0.5%	6.3	10.1%	6.7	21.3%	6.2%	5.4	7.1%	5.3	0.9%	-1.6%
	2015	24,259	2.0%	23,774	0.5%	-2.0%	6.7	5.7%	6.8	0.7%	1.1%	5.6	4.0%	5.1	-3.0%	-8.2%
	2016	24,927	2.8%	24,397	2.6%	-2.1%	5.1	-23.2%	5.9	-13.3%	14.1%	5.6	-0.4%	5.2	0.9%	-7.0%
	2017	24,334	-2.4%	24,721	1.3%	1.6%	4.1	-19.8%	5.4	-8.0%	30.9%	6.1	9.8%	6.2	19.6%	1.3%
	2018	25,430	4.5%	25,351	2.5%	-0.3%	6.5	58.6%	7.2	33.5%	10.2%	5.7	-7.3%	5.9	-5.5%	3.3%
	2019	25,623	0.8%	25,174	-0.7%	-1.8%	4.6	-29.9%	6.0	-17.2%	30.1%	5.8	1.8%	5.6	-5.3%	-3.9%
	2020	55,936	118.3%	55,814	121.7%	-0.2%	10.5	129.1%	12.9	115.5%	22.4%	11.7	102.3%	11.3	103.4%	-3.4%
Projected	2021	56,461	0.9%	56,461	1.2%		13.8	31.1%	13.8	7.1%		12.5	6.4%	12.5	10.1%	
	2022			57,970	2.7%				14.3	3.6%				12.7	2.3%	
	2023			59,056	1.9%				14.5	1.8%				13.0	1.8%	
	2024			60,249	2.0%				14.8	1.6%				13.2	1.7%	
	2025			61,044	1.3%				15.0	1.8%				13.4	1.4%	
	2026			61,822	1.3%				15.2	1.3%				13.6	1.2%	
	2027			62,526	1.1%				15.4	1.1%				13.7	1.1%	
	2028			63,342	1.3%				15.5	0.9%				13.8	1.1%	
	2029			63,870	0.8%				15.7	1.2%				14.0	1.0%	
	2030			64,531	1.0%				15.9	1.0%				14.1	1.0%	
	2031			65,171	1.0%				16.1	1.0%				14.3	1.0%	
	2032			65,925	1.2%				16.2	0.8%				14.4	0.9%	
	2033			66,392	0.7%				16.4	1.1%				14.5	0.9%	
	2034			67,001	0.9%				16.5	0.9%				14.7	0.9%	
	2035			67,611	0.9%				16.7	0.9%				14.8	0.9%	
	2036			68,363	1.1%				16.8	0.8%				14.9	0.9%	
	2037			68,805	0.6%				17.0	1.0%				15.1	0.9%	
	2038			69,391	0.9%				17.1	0.9%				15.2	0.9%	
	2039			69,977	0.8%				17.2	0.8%				15.3	0.8%	
	2040			70,714	1.1%				17.4	0.7%				15.4	0.8%	
CAGR [3]	2011-2020		9.2%		9.5%			4.7%		7.4%			9.5%		9.1%	
	2021-2030				1.5%					1.6%					1.4%	
	2031-2040				0.9%					0.9%					0.9%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Bushnell

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	25,311	-	25,311	-	7.2	5.9	7.2	5.9	7.0	5.2	7.0	5.2
	2012	23,675	-6.5%	23,675	-6.5%	6.3	5.6	6.3	5.6	5.5	4.8	5.5	4.8
	2013	23,262	-1.7%	23,262	-1.7%	5.8	5.9	5.8	5.9	5.8	5.0	5.8	5.0
	2014	23,792	2.3%	23,792	2.3%	6.3	5.8	6.3	5.8	6.3	5.4	6.3	5.4
	2015	24,259	2.0%	24,259	2.0%	6.7	5.8	6.7	5.8	6.7	5.6	6.7	5.6
	2016	24,927	2.8%	24,927	2.8%	6.0	6.1	6.0	6.1	5.1	5.6	5.1	5.6
	2017	24,334	-2.4%	24,334	-2.4%	5.2	6.1	5.2	6.1	4.1	6.1	4.1	6.1
	2018	25,430	4.5%	25,430	4.5%	6.8	5.9	6.8	5.9	6.5	5.7	6.5	5.7
	2019	25,623	0.8%	25,623	0.8%	5.3	5.9	5.3	5.9	4.6	5.8	4.6	5.8
	2020	55,936	118.3%	57,382	123.9%	12.2	11.8	15.3	13.0	10.5	11.7	15.0	12.0
Projected	2021	56,461	0.9%	57,952	1.0%	14.0	13.3	15.6	13.1	13.8	12.5	15.3	12.1
	2022	57,970	2.7%	58,634	1.2%	14.5	13.6	15.7	13.3	14.3	12.7	15.4	12.3
	2023	59,056	1.9%	59,245	1.0%	14.8	13.8	15.9	13.4	14.5	13.0	15.6	12.4
	2024	60,249	2.0%	59,960	1.2%	15.0	14.1	16.0	13.6	14.8	13.2	15.7	12.5
	2025	61,044	1.3%	60,371	0.7%	15.3	14.3	16.2	13.7	15.0	13.4	15.9	12.6
	2026	61,822	1.3%	60,927	0.9%	15.5	14.5	16.4	13.8	15.2	13.6	16.1	12.7
	2027	62,526	1.1%	61,468	0.9%	15.7	14.6	16.5	13.9	15.4	13.7	16.2	12.9
	2028	63,342	1.3%	62,162	1.1%	15.8	14.8	16.6	14.1	15.5	13.8	16.3	13.0
	2029	63,870	0.8%	62,549	0.6%	16.0	14.9	16.8	14.2	15.7	14.0	16.5	13.1
	2030	64,531	1.0%	63,089	0.9%	16.2	15.1	16.9	14.3	15.9	14.1	16.6	13.2
	2031	65,171	1.0%	63,626	0.9%	16.3	15.2	17.1	14.4	16.1	14.3	16.8	13.3
	2032	65,925	1.2%	64,318	1.1%	16.5	15.4	17.2	14.5	16.2	14.4	16.9	13.4
	2033	66,392	0.7%	64,693	0.6%	16.6	15.5	17.4	14.7	16.4	14.5	17.0	13.5
	2034	67,001	0.9%	65,231	0.8%	16.8	15.7	17.5	14.8	16.5	14.7	17.2	13.6
	2035	67,611	0.9%	65,773	0.8%	17.0	15.8	17.7	14.9	16.7	14.8	17.3	13.8
	2036	68,363	1.1%	66,482	1.1%	17.1	15.9	17.8	15.0	16.8	14.9	17.5	13.9
	2037	68,805	0.6%	66,857	0.6%	17.3	16.1	17.9	15.2	17.0	15.1	17.6	14.0
	2038	69,391	0.9%	67,393	0.8%	17.4	16.2	18.1	15.3	17.1	15.2	17.8	14.1
	2039	69,977	0.8%	67,926	0.8%	17.5	16.3	18.2	15.4	17.2	15.3	17.9	14.2
	2040	70,714	1.1%			17.7	16.5			17.4	15.4		
CAGR[1]	Historical		9.2%		0.2%	6.1%	8.1%	-3.7%	0.1%	8.4%	11.9%	-2.6%	2.8%
	1st 10 Prj Yrs		1.5%		1.0%	1.6%	1.4%	1.0%	1.0%	1.6%	1.4%	1.0%	1.0%
	2nd 10 Prj Yrs		0.9%		0.8%	0.9%	0.9%	0.8%	0.8%	0.9%	0.9%	0.8%	0.8%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Bushnell

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

							Coincident Peak Demand w/ARP Seasonal CP [1,2]									
		Net Energy for Load (FY)					Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	25,311	-	24,578	-	-2.9%	7.0	-	6.8	-	-2.8%	5.2	-	5.2		-0.1%
	2012	23,675	-6.5%	24,108	-1.9%	1.8%	5.5	-20.8%	5.6	-18.2%	0.5%	4.8	-8.3%	5.8	11.0%	20.9%
	2013	23,262	-1.7%	23,500	-2.5%	1.0%	5.8	4.2%	5.5	-0.1%	-3.6%	5.0	5.8%	5.3	-8.7%	4.4%
	2014	23,792	2.3%	23,663	0.7%	-0.5%	6.3	10.1%	6.7	21.3%	6.2%	5.4	7.1%	5.3	0.9%	-1.6%
	2015	24,259	2.0%	23,774	0.5%	-2.0%	6.7	5.7%	6.8	0.7%	1.1%	5.6	4.0%	5.1	-3.0%	-8.2%
	2016	24,927	2.8%	24,397	2.6%	-2.1%	5.1	-23.2%	5.9	-13.3%	14.1%	5.6	-0.4%	5.2	0.9%	-7.0%
	2017	24,334	-2.4%	24,721	1.3%	1.6%	4.1	-19.8%	5.4	-8.0%	30.9%	6.1	9.8%	6.2	19.6%	1.3%
	2018	25,430	4.5%	25,351	2.5%	-0.3%	6.5	58.6%	7.2	33.5%	10.2%	5.7	-7.3%	5.9	-5.5%	3.3%
	2019	25,623	0.8%	25,174	-0.7%	-1.8%	4.6	-29.9%	6.0	-17.2%	30.1%	5.8	1.8%	5.6	-5.3%	-3.9%
	2020	55,936	118.3%	54,686	117.2%	-2.2%	10.5	129.1%	12.9	115.5%	22.4%	11.7	102.3%	11.3	103.4%	-3.4%
Projected	2021	56,341	0.7%	56,341	3.0%		13.8	31.1%	13.8	7.1%		12.4	6.2%	12.4	9.9%	
	2022			57,807	2.6%				14.3	3.6%				12.7	2.3%	
	2023			58,851	1.8%				14.5	1.8%				12.9	1.7%	
	2024			59,995	1.9%				14.8	1.6%				13.1	1.7%	
	2025			60,737	1.2%				15.0	1.8%				13.3	1.3%	
	2026			61,439	1.2%				15.2	1.3%				13.5	1.1%	
	2027			62,059	1.0%				15.4	1.1%				13.6	1.0%	
	2028			62,786	1.2%				15.5	0.9%				13.7	0.9%	
	2029			63,221	0.7%				15.7	1.2%				13.8	0.9%	
	2030			63,783	0.9%				15.9	1.0%				14.0	0.9%	
	2031			64,361	0.9%				16.1	1.0%				14.1	0.9%	
	2032			65,049	1.1%				16.2	0.8%				14.2	0.8%	
	2033			65,451	0.6%				16.4	1.1%				14.3	0.8%	
	2034			65,992	0.8%				16.5	0.9%				14.4	0.8%	
	2035			66,530	0.8%				16.7	0.9%				14.6	0.8%	
	2036			67,204	1.0%				16.8	0.8%				14.7	0.8%	
	2037			67,568	0.5%				17.0	1.0%				14.8	0.7%	
	2038			68,070	0.7%				17.1	0.9%				14.9	0.7%	
	2039			68,614	0.8%				17.2	0.8%				15.0	0.8%	
	2040			69,263	0.9%				17.4	0.7%				15.1	0.7%	
CAGR [3]	2011-2020		9.2%		9.3%			4.7%		7.4%			9.5%		9.1%	
	2021-2030				1.4%					1.6%					1.3%	
	2031-2040				0.8%					0.9%					0.8%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Bushnell

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	25,311	-	24,578	-	-2.9%	7.2	-	40.4%	5.9	-	49.0%
	2012	23,675	-6.5%	24,108	-1.9%	1.8%	6.3	-12.1%	43.0%	5.6	-5.8%	48.7%
	2013	23,262	-1.7%	23,500	-2.5%	1.0%	5.8	-8.6%	46.2%	5.9	5.5%	45.3%
	2014	23,792	2.3%	23,663	0.7%	-0.5%	6.3	10.1%	42.9%	5.8	-1.5%	47.0%
	2015	24,259	2.0%	23,774	0.5%	-2.0%	6.7	5.7%	41.4%	5.8	0.4%	47.8%
	2016	24,927	2.8%	24,397	2.6%	-2.1%	6.0	-10.6%	47.5%	6.1	4.5%	47.0%
	2017	24,334	-2.4%	24,721	1.3%	1.6%	5.2	-13.1%	53.4%	6.1	1.1%	45.4%
	2018	25,430	4.5%	25,351	2.5%	-0.3%	6.8	31.1%	42.6%	5.9	-3.5%	49.1%
	2019	25,623	0.8%	25,174	-0.7%	-1.8%	5.3	-22.2%	55.1%	5.9	0.2%	49.4%
	2020	55,936	118.3%	55,814	121.7%	-0.2%	12.2	130.1%	52.3%	11.8	99.7%	54.0%
Projected	2021	56,341	0.7%	56,341	0.9%		14.0	14.9%	45.9%	13.3	12.0%	48.5%
	2022	57,807	2.6%	57,807	2.6%		14.5	3.6%	45.4%	13.6	2.3%	48.7%
	2023	58,851	1.8%	58,851	1.8%		14.8	1.8%	45.4%	13.8	1.8%	48.7%
	2024	59,995	1.9%	59,995	1.9%		15.0	1.6%	45.6%	14.0	1.7%	48.8%
	2025	60,737	1.2%	60,737	1.2%		15.3	1.8%	45.3%	14.2	1.3%	48.8%
	2026	61,439	1.2%	61,439	1.2%		15.5	1.3%	45.3%	14.4	1.1%	48.8%
	2027	62,059	1.0%	62,059	1.0%		15.7	1.1%	45.2%	14.5	1.0%	48.8%
	2028	62,786	1.2%	62,786	1.2%		15.8	0.9%	45.3%	14.6	0.9%	48.9%
	2029	63,221	0.7%	63,221	0.7%		16.0	1.2%	45.1%	14.8	0.9%	48.8%
	2030	63,783	0.9%	63,783	0.9%		16.2	1.0%	45.0%	14.9	0.9%	48.9%
	2031	64,361	0.9%	64,361	0.9%		16.3	1.0%	45.0%	15.0	0.9%	48.9%
	2032	65,049	1.1%	65,049	1.1%		16.5	0.8%	45.1%	15.2	0.8%	49.0%
	2033	65,451	0.6%	65,451	0.6%		16.6	1.1%	44.9%	15.3	0.8%	48.9%
	2034	65,992	0.8%	65,992	0.8%		16.8	0.9%	44.8%	15.4	0.8%	48.9%
	2035	66,530	0.8%	66,530	0.8%		17.0	0.9%	44.8%	15.5	0.8%	48.9%
	2036	67,204	1.0%	67,204	1.0%		17.1	0.8%	44.9%	15.7	0.8%	49.0%
	2037	67,568	0.5%	67,568	0.5%		17.3	1.0%	44.7%	15.8	0.8%	48.9%
	2038	68,070	0.7%	68,070	0.7%		17.4	0.9%	44.7%	15.9	0.7%	48.9%
	2039	68,614	0.8%	68,614	0.8%		17.5	0.8%	44.6%	16.0	0.8%	48.9%
	2040	69,263	0.9%	69,263	0.9%		17.7	0.7%	44.8%	16.1	0.7%	49.0%
CAGR [1]	2011-2020		9.2%		9.5%			6.1%	46.5%		8.1%	48.3%
	2021-2030		1.4%		1.4%			1.6%	45.3%		1.3%	48.8%
	2031-2040		0.8%		0.8%			0.9%	44.8%		0.8%	48.9%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Bushnell

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	2,104	1,714	1,768	1,960	2,189	2,297	2,335	2,562	2,255	1,807	1,652	1,722	24,365	25,311
	2012	1,922	1,731	1,865	1,868	2,206	2,047	2,297	2,369	2,187	1,968	1,680	1,768	23,910	23,675
	2013	1,714	1,651	1,815	1,767	1,934	2,058	2,188	2,476	2,243	2,021	1,636	1,713	23,216	23,262
	2014	2,194	1,689	1,671	1,744	2,097	2,120	2,276	2,446	2,184	1,939	1,699	1,843	23,903	23,792
	2015	1,897	1,777	1,805	2,002	2,241	2,232	2,197	2,398	2,228	1,967	1,809	1,785	24,338	24,259
	2016	1,926	1,797	1,786	1,803	2,149	2,376	2,610	2,550	2,368	1,985	1,630	1,738	24,719	24,927
	2017	1,796	1,594	1,804	1,906	2,267	2,191	2,418	2,669	2,338	2,195	1,693	1,824	24,694	24,334
	2018	2,288	1,739	1,848	1,853	2,163	2,273	2,309	2,652	2,593	2,289	1,834	1,876	25,717	25,430
	2019	2,025	1,687	1,775	1,882	2,370	2,357	2,470	2,612	2,446	3,662	4,028	4,248	31,562	25,623
	2020	4,619	4,403	4,848	4,272	4,678	5,147	5,386	5,494	5,151	5,014	3,882	4,160	57,054	55,936
Projected	2021	4,637	3,831	4,238	4,489	4,844	4,994	5,379	5,544	5,329	5,155	3,930	4,373	56,742	56,341
	2022	4,762	3,939	4,359	4,601	4,965	5,113	5,500	5,666	5,444	5,257	4,007	4,456	58,070	57,807
	2023	4,845	4,008	4,435	4,687	5,054	5,202	5,597	5,765	5,539	5,353	4,080	4,536	59,099	58,851
	2024	4,924	4,208	4,517	4,766	5,143	5,293	5,684	5,859	5,633	5,437	4,146	4,611	60,221	59,995
	2025	4,999	4,139	4,583	4,837	5,217	5,365	5,760	5,937	5,706	5,506	4,198	4,669	60,916	60,737
	2026	5,059	4,189	4,636	4,893	5,276	5,424	5,822	6,000	5,767	5,565	4,241	4,720	61,591	61,439
	2027	5,113	4,233	4,682	4,942	5,329	5,476	5,878	6,058	5,822	5,619	4,280	4,768	62,202	62,059
	2028	5,165	4,412	4,726	4,988	5,379	5,526	5,932	6,114	5,876	5,671	4,319	4,815	62,923	62,786
	2029	5,215	4,317	4,768	5,034	5,428	5,575	5,984	6,168	5,928	5,723	4,356	4,861	63,356	63,221
	2030	5,265	4,358	4,809	5,078	5,476	5,623	6,036	6,221	5,979	5,776	4,396	4,908	63,924	63,783
Projected	2031	5,316	4,400	4,852	5,124	5,525	5,672	6,088	6,275	6,030	5,826	4,432	4,951	64,491	64,361
	2032	5,363	4,580	4,892	5,167	5,572	5,719	6,139	6,327	6,080	5,876	4,469	4,995	65,178	65,049
	2033	5,410	4,478	4,933	5,210	5,619	5,765	6,189	6,379	6,130	5,924	4,505	5,038	65,579	65,451
	2034	5,457	4,517	4,973	5,252	5,665	5,812	6,239	6,431	6,180	5,973	4,541	5,081	66,120	65,992
	2035	5,505	4,555	5,012	5,295	5,711	5,858	6,289	6,482	6,229	6,021	4,576	5,124	66,657	66,530
	2036	5,551	4,740	5,051	5,336	5,756	5,903	6,337	6,532	6,276	6,068	4,610	5,166	67,326	67,204
	2037	5,597	4,631	5,089	5,376	5,799	5,946	6,384	6,581	6,323	6,113	4,643	5,207	67,687	67,568
	2038	5,641	4,667	5,126	5,416	5,842	5,989	6,430	6,628	6,369	6,162	4,680	5,250	68,199	68,070
	2039	5,688	4,706	5,166	5,459	5,888	6,036	6,481	6,681	6,419	6,207	4,712	5,290	68,733	68,614
	2040	5,732	4,893	5,203	5,498	5,931	6,078	6,526	6,728	6,464	6,252	4,745	5,331	69,381	69,263

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	8.6%	7.0%	7.3%	8.0%	9.0%	9.4%	9.6%	10.5%	9.3%	7.4%	6.8%	7.1%	100.0%
	2012	8.0%	7.2%	7.8%	7.8%	9.2%	8.6%	9.6%	9.9%	9.1%	8.2%	7.0%	7.4%	100.0%
	2013	7.4%	7.1%	7.8%	7.6%	8.3%	8.9%	9.4%	10.7%	9.7%	8.7%	7.0%	7.4%	100.0%
	2014	9.2%	7.1%	7.0%	7.3%	8.8%	8.9%	9.5%	10.2%	9.1%	8.1%	7.1%	7.7%	100.0%
	2015	7.8%	7.3%	7.4%	8.2%	9.2%	9.2%	9.0%	9.9%	9.2%	8.1%	7.4%	7.3%	100.0%
	2016	7.8%	7.3%	7.2%	7.3%	8.7%	9.6%	10.6%	10.3%	9.6%	8.0%	6.6%	7.0%	100.0%
	2017	7.3%	6.5%	7.3%	7.7%	9.2%	8.9%	9.8%	10.8%	9.5%	8.9%	6.9%	7.4%	100.0%
	2018	8.9%	6.8%	7.2%	7.2%	8.4%	8.8%	9.0%	10.3%	10.1%	8.9%	7.1%	7.3%	100.0%
	2019	6.4%	5.3%	5.6%	6.0%	7.5%	7.5%	7.8%	8.3%	7.8%	11.6%	12.8%	13.5%	100.0%
	2020	8.1%	7.7%	8.5%	7.5%	8.2%	9.0%	9.4%	9.6%	9.0%	8.8%	6.8%	7.3%	100.0%
Projected	2021	8.2%	6.8%	7.5%	7.9%	8.5%	8.8%	9.5%	9.8%	9.4%	9.1%	6.9%	7.7%	100.0%
	2022	8.2%	6.8%	7.5%	7.9%	8.5%	8.8%	9.5%	9.8%	9.4%	9.1%	6.9%	7.7%	100.0%
	2023	8.2%	6.8%	7.5%	7.9%	8.6%	8.8%	9.5%	9.8%	9.4%	9.1%	6.9%	7.7%	100.0%
	2024	8.2%	7.0%	7.5%	7.9%	8.5%	8.8%	9.4%	9.7%	9.4%	9.0%	6.9%	7.7%	100.0%
	2025	8.2%	6.8%	7.5%	7.9%	8.6%	8.8%	9.5%	9.7%	9.4%	9.0%	6.9%	7.7%	100.0%
	2026	8.2%	6.8%	7.5%	7.9%	8.6%	8.8%	9.5%	9.7%	9.4%	9.0%	6.9%	7.7%	100.0%
	2027	8.2%	6.8%	7.5%	7.9%	8.6%	8.8%	9.5%	9.7%	9.4%	9.0%	6.9%	7.7%	100.0%
	2028	8.2%	7.0%	7.5%	7.9%	8.5%	8.8%	9.4%	9.7%	9.3%	9.0%	6.9%	7.7%	100.0%
	2029	8.2%	6.8%	7.5%	7.9%	8.6%	8.8%	9.4%	9.7%	9.4%	9.0%	6.9%	7.7%	100.0%
	2030	8.2%	6.8%	7.5%	7.9%	8.6%	8.8%	9.4%	9.7%	9.4%	9.0%	6.9%	7.7%	100.0%
Avg.	2011-2020	8.0%	6.9%	7.3%	7.5%	8.7%	8.9%	9.4%	10.1%	9.2%	8.7%	7.6%	7.9%	100.0%
	2021-2030	8.2%	6.8%	7.5%	7.9%	8.6%	8.8%	9.5%	9.7%	9.4%	9.0%	6.9%	7.7%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - High Economic Case

Bushnell

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	6.8	5.7	3.9	5.0	5.3	5.5	5.1	5.9	5.4	4.5	4.1	4.2	7.2	5.9
	2012	6.1	6.3	4.4	4.8	5.2	5.1	5.0	5.6	5.3	5.0	4.3	4.1	6.3	5.6
	2013	4.4	5.5	5.8	4.6	5.1	5.0	5.6	5.9	5.7	5.0	4.4	4.5	5.8	5.9
	2014	6.3	5.3	3.7	4.9	5.1	5.4	5.2	5.8	5.5	5.0	4.9	4.9	6.3	5.8
	2015	5.3	6.7	4.3	4.8	5.6	5.6	5.1	5.8	5.6	5.1	5.1	4.2	6.7	5.8
	2016	6.0	5.7	4.4	4.9	5.2	5.5	5.9	6.1	5.7	5.0	4.2	4.5	6.0	6.1
	2017	5.2	4.2	4.8	5.5	5.6	5.6	5.6	6.1	5.8	5.6	4.1	5.2	5.2	6.1
	2018	6.8	4.6	4.7	4.5	5.4	5.4	5.3	5.7	5.9	5.6	4.8	5.0	6.8	5.9
	2019	5.3	4.4	4.3	4.7	5.9	5.8	5.7	5.9	5.8	11.4	10.3	9.2	5.3	5.9
	2020	12.2	10.5	11.0	10.8	11.1	11.8	11.4	11.8	11.8	9.8	9.8	10.6	12.2	11.8
Projected	2021	14.0	12.4	11.2	10.3	11.6	11.9	11.3	13.3	12.2	11.0	10.2	11.0	14.0	13.3
	2022	14.5	12.8	11.6	10.6	11.9	12.2	11.5	13.6	12.5	11.2	10.4	11.2	14.5	13.6
	2023	14.8	13.1	11.8	10.8	12.1	12.4	11.7	13.8	12.7	11.4	10.5	11.4	14.8	13.8
	2024	15.0	13.3	12.0	10.9	12.3	12.6	11.9	14.0	12.9	11.6	10.7	11.6	15.0	14.0
	2025	15.3	13.5	12.2	11.1	12.4	12.8	12.1	14.2	13.1	11.8	10.9	11.7	15.3	14.2
	2026	15.5	13.7	12.4	11.2	12.6	12.9	12.2	14.4	13.2	11.9	11.0	11.9	15.5	14.4
	2027	15.7	13.8	12.5	11.3	12.7	13.1	12.3	14.5	13.3	12.0	11.1	12.0	15.7	14.5
	2028	15.8	14.0	12.6	11.5	12.8	13.2	12.5	14.6	13.5	12.1	11.2	12.1	15.8	14.6
	2029	16.0	14.1	12.8	11.6	13.0	13.3	12.6	14.8	13.6	12.2	11.3	12.3	16.0	14.8
	2030	16.2	14.3	12.9	11.7	13.1	13.4	12.7	14.9	13.7	12.4	11.5	12.4	16.2	14.9
Projected	2031	16.3	14.4	13.0	11.8	13.2	13.5	12.8	15.0	13.8	12.5	11.5	12.5	16.3	15.0
	2032	16.5	14.5	13.1	11.9	13.3	13.6	12.9	15.2	13.9	12.6	11.7	12.6	16.5	15.2
	2033	16.6	14.7	13.3	12.0	13.4	13.8	13.0	15.3	14.1	12.7	11.8	12.7	16.6	15.3
	2034	16.8	14.8	13.4	12.1	13.6	13.9	13.1	15.4	14.2	12.8	11.9	12.9	16.8	15.4
	2035	17.0	15.0	13.5	12.2	13.7	14.0	13.2	15.5	14.3	12.9	12.0	12.9	17.0	15.5
	2036	17.1	15.1	13.6	12.3	13.8	14.1	13.3	15.7	14.4	13.0	12.1	13.1	17.1	15.7
	2037	17.3	15.2	13.8	12.4	13.9	14.2	13.4	15.8	14.5	13.1	12.2	13.2	17.3	15.8
	2038	17.4	15.4	13.9	12.5	14.0	14.3	13.5	15.9	14.6	13.2	12.3	13.3	17.4	15.9
	2039	17.5	15.5	14.0	12.6	14.1	14.4	13.6	16.0	14.7	13.3	12.4	13.4	17.5	16.0
	2040	17.7	15.6	14.1	12.7	14.2	14.5	13.7	16.1	14.8	13.4	12.5	13.5	17.7	16.1

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	41.7%	44.9%	60.5%	54.4%	55.6%	58.1%	61.2%	58.4%	58.3%	54.5%	56.6%	55.5%	38.9%	49.0%
	2012	42.3%	39.5%	56.7%	53.6%	56.6%	55.8%	62.2%	57.3%	56.8%	53.0%	53.8%	57.6%	43.4%	48.7%
	2013	52.5%	44.9%	42.4%	53.1%	51.4%	56.8%	52.3%	56.8%	54.8%	54.7%	52.1%	51.4%	46.1%	45.3%
	2014	46.6%	47.1%	60.7%	49.5%	55.1%	54.9%	58.7%	56.9%	54.8%	52.2%	48.3%	50.5%	43.1%	47.0%
	2015	48.3%	39.5%	56.9%	58.0%	53.8%	55.4%	57.5%	55.6%	55.3%	52.3%	48.9%	57.6%	41.5%	47.8%
	2016	43.3%	45.5%	54.7%	51.6%	55.2%	59.7%	59.1%	56.6%	58.1%	53.5%	53.4%	52.3%	47.1%	47.0%
	2017	46.4%	56.8%	50.3%	48.5%	54.5%	54.3%	57.6%	58.6%	55.6%	52.4%	56.9%	47.4%	54.2%	45.4%
	2018	45.1%	56.2%	52.4%	57.7%	54.0%	58.9%	58.5%	62.0%	60.9%	55.0%	53.0%	50.5%	43.1%	49.1%
	2019	51.3%	57.3%	55.3%	55.9%	53.8%	56.0%	58.4%	59.6%	58.1%	43.2%	54.3%	62.3%	67.9%	49.4%
	2020	50.8%	60.5%	59.3%	54.8%	56.8%	60.4%	63.6%	62.8%	60.5%	69.0%	54.8%	52.6%	53.3%	54.0%
Projected	2021	44.4%	46.1%	50.9%	60.3%	56.1%	58.1%	64.1%	56.2%	60.7%	63.2%	53.6%	53.4%	46.2%	48.5%
	2022	44.1%	45.7%	50.6%	60.4%	56.3%	58.1%	64.1%	56.2%	60.6%	63.1%	53.7%	53.4%	45.6%	48.7%
	2023	44.0%	45.7%	50.5%	60.5%	56.3%	58.1%	64.1%	56.2%	60.6%	63.1%	53.8%	53.5%	45.6%	48.7%
	2024	44.0%	45.6%	50.6%	60.5%	56.3%	58.2%	64.0%	56.2%	60.6%	63.0%	53.7%	53.4%	45.7%	48.8%
	2025	43.9%	45.6%	50.5%	60.5%	56.3%	58.2%	64.0%	56.2%	60.6%	63.0%	53.7%	53.4%	45.5%	48.8%
	2026	43.9%	45.6%	50.4%	60.5%	56.3%	58.2%	64.0%	56.1%	60.6%	62.9%	53.6%	53.4%	45.4%	48.8%
	2027	43.9%	45.6%	50.4%	60.5%	56.3%	58.2%	64.0%	56.1%	60.6%	62.9%	53.6%	53.4%	45.3%	48.8%
	2028	43.9%	45.4%	50.4%	60.5%	56.3%	58.2%	64.0%	56.1%	60.6%	62.8%	53.4%	53.3%	45.4%	48.9%
	2029	43.8%	45.5%	50.2%	60.5%	56.2%	58.2%	64.0%	56.1%	60.6%	62.8%	53.3%	53.3%	45.2%	48.8%
	2030	43.8%	45.4%	50.1%	60.4%	56.2%	58.2%	64.0%	56.1%	60.6%	62.8%	53.3%	53.2%	45.1%	48.9%
Avg.	2011-2020	46.8%	49.2%	54.9%	53.7%	54.7%	57.0%	58.9%	58.5%	57.3%	54.0%	53.2%	53.8%	47.9%	48.3%
	2021-2030	44.0%	45.6%	50.5%	60.5%	56.3%	58.2%	64.0%	56.1%	60.6%	63.0%	53.6%	53.4%	45.5%	48.8%

FMPA 2021 Load Forecast - High Economic Case

Bushnell

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	6.8	5.7	3.0	4.6	4.8	5.4	5.0	5.2	5.3	4.0	3.7	2.8	7.0	5.2
	2012	5.5	6.3	4.0	4.6	4.6	4.7	4.8	5.3	5.1	4.8	2.6	4.1	5.5	4.8
	2013	4.4	5.5	5.8	4.6	4.5	4.6	5.2	5.0	5.3	4.8	4.2	2.8	5.8	5.0
	2014	6.3	5.3	2.6	4.5	4.7	5.0	4.9	5.4	5.5	5.0	4.8	4.9	6.3	5.4
	2015	5.3	6.7	3.9	4.3	5.0	5.6	4.8	5.3	5.1	4.8	5.1	3.4	6.7	5.6
	2016	6.0	5.7	4.1	4.7	5.1	5.2	5.6	5.3	5.2	4.8	4.0	3.2	5.1	5.6
	2017	5.2	3.9	4.1	5.0	5.2	5.4	5.5	6.1	5.8	5.6	4.1	5.2	4.1	6.1
	2018	6.5	4.5	4.2	4.3	5.1	4.9	5.1	5.7	5.9	5.2	4.6	5.0	6.5	5.7
	2019	5.1	4.2	4.3	4.7	5.7	5.8	5.0	5.9	5.4	10.6	10.2	7.2	4.6	5.8
	2020	12.2	10.0	10.5	9.2	10.6	11.7	11.3	11.6	11.8	9.3	9.1	9.1	10.5	11.7
Projected	2021	13.8	12.2	10.0	9.7	10.8	11.4	10.7	12.4	11.7	10.5	9.4	9.4	13.8	12.4
	2022	14.3	12.6	10.3	9.9	11.0	11.7	10.9	12.7	12.0	10.7	9.6	9.6	14.3	12.7
	2023	14.5	12.8	10.5	10.1	11.2	11.9	11.1	12.9	12.2	10.9	9.8	9.7	14.5	12.9
	2024	14.8	13.0	10.7	10.2	11.4	12.1	11.3	13.1	12.4	11.1	9.9	9.9	14.8	13.1
	2025	15.0	13.3	10.9	10.4	11.5	12.3	11.4	13.3	12.6	11.2	10.1	10.0	15.0	13.3
	2026	15.2	13.4	11.0	10.5	11.7	12.4	11.6	13.5	12.7	11.3	10.2	10.1	15.2	13.5
	2027	15.4	13.6	11.1	10.6	11.8	12.5	11.7	13.6	12.8	11.5	10.3	10.2	15.4	13.6
	2028	15.5	13.7	11.2	10.7	11.9	12.6	11.8	13.7	12.9	11.6	10.4	10.3	15.5	13.7
	2029	15.7	13.9	11.4	10.8	12.0	12.7	11.9	13.8	13.0	11.7	10.5	10.5	15.7	13.8
	2030	15.9	14.0	11.5	10.9	12.1	12.8	12.0	14.0	13.2	11.8	10.6	10.6	15.9	14.0
Projected	2031	16.1	14.2	11.6	11.0	12.3	13.0	12.1	14.1	13.3	11.9	10.7	10.6	16.1	14.1
	2032	16.2	14.3	11.7	11.1	12.4	13.1	12.2	14.2	13.4	12.0	10.8	10.8	16.2	14.2
	2033	16.4	14.4	11.8	11.2	12.5	13.2	12.3	14.3	13.5	12.1	10.9	10.9	16.4	14.3
	2034	16.5	14.6	11.9	11.3	12.6	13.3	12.4	14.4	13.6	12.2	11.0	11.0	16.5	14.4
	2035	16.7	14.7	12.0	11.4	12.7	13.4	12.5	14.6	13.7	12.3	11.1	11.0	16.7	14.6
	2036	16.8	14.8	12.1	11.5	12.8	13.5	12.6	14.7	13.8	12.4	11.2	11.1	16.8	14.7
	2037	17.0	15.0	12.3	11.6	12.9	13.6	12.7	14.8	13.9	12.5	11.3	11.2	17.0	14.8
	2038	17.1	15.1	12.4	11.7	13.0	13.7	12.7	14.9	14.0	12.6	11.4	11.3	17.1	14.9
	2039	17.2	15.2	12.5	11.8	13.1	13.8	12.8	15.0	14.1	12.7	11.5	11.4	17.2	15.0
	2040	17.4	15.3	12.6	11.8	13.2	13.9	12.9	15.1	14.2	12.8	11.6	11.5	17.4	15.1

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	99.8%	100.0%	75.2%	92.4%	89.8%	98.3%	98.2%	88.0%	97.8%	90.4%	92.2%	67.3%	97.4%	88.0%
	2012	90.4%	100.0%	91.3%	94.3%	87.9%	93.0%	95.8%	96.1%	95.3%	97.1%	59.9%	100.0%	87.7%	85.7%
	2013	100.0%	100.0%	100.0%	99.0%	89.6%	92.0%	93.1%	85.9%	92.9%	97.5%	95.5%	61.7%	100.0%	85.9%
	2014	100.0%	100.0%	70.1%	92.2%	92.8%	94.1%	93.8%	93.3%	98.8%	100.0%	97.7%	100.0%	100.0%	93.3%
	2015	100.0%	100.0%	91.0%	89.4%	89.0%	100.0%	92.5%	92.0%	90.7%	95.8%	100.0%	80.8%	100.0%	96.7%
	2016	100.0%	100.0%	94.5%	96.4%	98.1%	94.6%	93.9%	87.3%	92.0%	97.3%	95.3%	71.0%	85.9%	92.1%
	2017	100.0%	92.4%	85.6%	91.3%	93.7%	96.4%	97.9%	100.0%	99.6%	100.0%	98.0%	100.0%	79.3%	100.0%
	2018	96.0%	97.6%	87.9%	95.7%	94.8%	92.0%	96.2%	98.8%	100.0%	93.8%	95.4%	100.0%	96.0%	96.1%
	2019	96.4%	96.8%	99.9%	99.5%	96.8%	99.0%	88.4%	100.0%	92.9%	93.4%	98.8%	78.1%	86.5%	97.6%
	2020	100.0%	95.7%	95.7%	84.7%	95.4%	98.9%	99.2%	98.6%	100.0%	95.4%	92.7%	85.2%	86.1%	98.9%
Projected	2021	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.6%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2022	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.6%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2023	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.6%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2024	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.6%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2025	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.6%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2026	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.5%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2027	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.5%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2028	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.5%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2029	98.3%	98.3%	89.1%	93.5%	92.7%	95.8%	94.5%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2030	98.3%	98.3%	89.1%	93.4%	92.7%	95.8%	94.5%	93.7%	95.9%	95.4%	92.7%	85.2%	98.3%	93.7%
	2011-2020	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.9%	94.0%	96.0%	96.1%	92.5%	84.4%	91.9%	93.4%
	2021-2030	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.5%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%

FMPA 2021 Load Forecast - High Economic Case - Bushnell

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service						TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	8,480		724		11,707		15,544		279		55.7		24,024		1,287	5.1%	25,311	
	2012	7,723	-8.9%	736	1.6%	10,491	-10.4%	14,907	-4.1%	278	-0.4%	53.6	-3.8%	22,630	-5.8%	1,045	4.4%	23,675	-6.5%
	2013	7,939	2.8%	736	0.0%	10,781	2.8%	14,570	-2.3%	281	0.9%	51.9	-3.2%	22,509	-0.5%	753	3.2%	23,262	-1.7%
	2014	8,149	2.6%	742	0.8%	10,978	1.8%	14,711	1.0%	278	-1.1%	53.0	2.1%	22,860	1.6%	932	3.9%	23,792	2.3%
	2015	8,301	1.9%	751	1.2%	11,048	0.6%	14,792	0.6%	279	0.4%	53.1	0.2%	23,093	1.0%	1,166	4.8%	24,259	2.0%
	2016	8,648	4.2%	755	0.5%	11,448	3.6%	15,376	3.9%	281	0.8%	54.8	3.1%	24,024	4.0%	903	3.6%	24,927	2.8%
	2017	8,211	-5.1%	766	1.4%	10,719	-6.4%	14,987	-2.5%	287	2.0%	52.3	-4.5%	23,198	-3.4%	1,136	4.7%	24,334	-2.4%
	2018	8,735	6.4%	772	0.7%	11,320	5.6%	15,461	3.2%	283	-1.3%	54.7	4.5%	24,196	4.3%	1,234	4.9%	25,430	4.5%
	2019	8,977	2.8%	780	1.1%	11,511	1.7%	15,618	1.0%	283	-0.1%	55.3	1.1%	24,595	1.6%	1,028	4.0%	25,623	0.8%
	2020	12,494	39.2%	1,131	45.0%	11,051	-4.0%	39,914	155.6%	426	50.7%	93.8	69.6%	52,408	113.1%	3,528	6.3%	55,936	118.3%
Projected	2021	12,356	-1.1%	1,168	3.3%	10,576	-4.3%	41,408	3.7%	441	3.7%	93.8	0.0%	53,764	2.6%	2,697	4.8%	56,461	0.9%
	2022	12,330	-0.2%	1,174	0.5%	10,499	-0.7%	42,859	3.5%	448	1.5%	95.7	2.0%	55,188	2.6%	2,781	4.8%	57,970	2.7%
	2023	12,349	0.2%	1,181	0.6%	10,456	-0.4%	43,874	2.4%	453	1.1%	96.8	1.2%	56,223	1.9%	2,833	4.8%	59,056	1.9%
	2024	12,307	-0.3%	1,187	0.5%	10,364	-0.9%	44,928	2.4%	458	1.0%	98.2	1.4%	57,235	1.8%	3,014	5.0%	60,249	2.0%
	2025	12,311	0.0%	1,193	0.5%	10,316	-0.5%	45,805	2.0%	462	0.9%	99.2	1.1%	58,116	1.5%	2,928	4.8%	61,044	1.3%
	2026	12,375	0.5%	1,199	0.5%	10,322	0.1%	46,482	1.5%	465	0.8%	99.9	0.7%	58,857	1.3%	2,965	4.8%	61,822	1.3%
	2027	12,468	0.8%	1,204	0.4%	10,354	0.3%	47,060	1.2%	468	0.7%	100.5	0.5%	59,527	1.1%	2,998	4.8%	62,526	1.1%
	2028	12,575	0.9%	1,209	0.4%	10,400	0.4%	47,598	1.1%	471	0.6%	101.0	0.5%	60,174	1.1%	3,168	5.0%	63,342	1.3%
	2029	12,691	0.9%	1,214	0.4%	10,453	0.5%	48,116	1.1%	474	0.6%	101.5	0.5%	60,807	1.1%	3,063	4.8%	63,870	0.8%
	2030	12,812	1.0%	1,219	0.4%	10,512	0.6%	48,624	1.1%	477	0.6%	102.0	0.5%	61,436	1.0%	3,094	4.8%	64,531	1.0%
	2031	12,933	0.9%	1,223	0.4%	10,573	0.6%	49,112	1.0%	479	0.5%	102.5	0.5%	62,046	1.0%	3,125	4.8%	65,171	1.0%
	2032	13,053	0.9%	1,227	0.3%	10,635	0.6%	49,575	0.9%	481	0.5%	103.0	0.5%	62,628	0.9%	3,297	5.0%	65,925	1.2%
	2033	13,174	0.9%	1,231	0.3%	10,700	0.6%	50,034	0.9%	484	0.4%	103.4	0.5%	63,208	0.9%	3,184	4.8%	66,392	0.7%
	2034	13,298	0.9%	1,235	0.3%	10,767	0.6%	50,490	0.9%	486	0.4%	103.9	0.5%	63,788	0.9%	3,213	4.8%	67,001	0.9%
	2035	13,424	0.9%	1,239	0.3%	10,836	0.6%	50,945	0.9%	488	0.4%	104.4	0.5%	64,369	0.9%	3,242	4.8%	67,611	0.9%
	2036	13,550	0.9%	1,243	0.3%	10,905	0.6%	51,394	0.9%	490	0.4%	104.9	0.5%	64,943	0.9%	3,419	5.0%	68,363	1.1%
	2037	13,673	0.9%	1,246	0.3%	10,973	0.6%	51,832	0.9%	492	0.4%	105.4	0.5%	65,506	0.9%	3,299	4.8%	68,805	0.6%
	2038	13,796	0.9%	1,249	0.3%	11,041	0.6%	52,268	0.8%	493	0.4%	105.9	0.5%	66,064	0.9%	3,328	4.8%	69,391	0.9%
	2039	13,917	0.9%	1,253	0.3%	11,108	0.6%	52,705	0.8%	495	0.4%	106.4	0.5%	66,622	0.8%	3,356	4.8%	69,977	0.8%
	2040	14,038	0.9%	1,256	0.3%	11,174	0.6%	53,140	0.8%	497	0.4%	106.9	0.5%	67,178	0.8%	3,537	5.0%	70,714	1.1%
CAGR	2011-2020		4.4%		5.1%		-0.6%		11.0%		4.8%		6.0%		9.1%		4.5%		9.2%
	2021-2030		0.4%		0.5%		-0.1%		1.8%		0.9%		0.9%		1.5%		4.8%		1.5%
	2031-2040		0.9%		0.3%		0.6%		0.9%		0.4%		0.5%		0.9%		4.9%		0.9%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - Mild Weather Case

Bushnell

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	25,311	-	24,578	-	-2.9%	7.0	-	6.8	-	-2.8%	5.2	-	5.2		-0.1%
	2012	23,675	-6.5%	24,108	-1.9%	1.8%	5.5	-20.8%	5.6	-18.2%	0.5%	4.8	-8.3%	5.8	11.0%	20.9%
	2013	23,262	-1.7%	23,500	-2.5%	1.0%	5.8	4.2%	5.5	-0.1%	-3.6%	5.0	5.8%	5.3	-8.7%	4.4%
	2014	23,792	2.3%	23,663	0.7%	-0.5%	6.3	10.1%	6.7	21.3%	6.2%	5.4	7.1%	5.3	0.9%	-1.6%
	2015	24,259	2.0%	23,774	0.5%	-2.0%	6.7	5.7%	6.8	0.7%	1.1%	5.6	4.0%	5.1	-3.0%	-8.2%
	2016	24,927	2.8%	24,397	2.6%	-2.1%	5.1	-23.2%	5.9	-13.3%	14.1%	5.6	-0.4%	5.2	0.9%	-7.0%
	2017	24,334	-2.4%	24,721	1.3%	1.6%	4.1	-19.8%	5.4	-8.0%	30.9%	6.1	9.8%	6.2	19.6%	1.3%
	2018	25,430	4.5%	25,351	2.5%	-0.3%	6.5	58.6%	7.2	33.5%	10.2%	5.7	-7.3%	5.9	-5.5%	3.3%
	2019	25,623	0.8%	25,174	-0.7%	-1.8%	4.6	-29.9%	6.0	-17.2%	30.1%	5.8	1.8%	5.6	-5.3%	-3.9%
	2020	55,936	118.3%	55,814	121.7%	-0.2%	10.5	129.1%	12.9	115.5%	22.4%	11.7	102.3%	11.3	103.4%	-3.4%
Projected	2021	54,813	-2.0%	54,813	-1.8%		12.9	23.1%	12.9	0.6%		12.1	3.0%	12.1	6.6%	
	2022			55,734	1.7%				13.3	2.6%				12.3	1.6%	
	2023			56,540	1.4%				13.5	1.4%				12.4	1.4%	
	2024			57,499	1.7%				13.6	1.3%				12.6	1.4%	
	2025			58,112	1.1%				13.9	1.5%				12.8	1.2%	
	2026			58,713	1.0%				14.0	1.1%				12.9	1.0%	
	2027			59,253	0.9%				14.1	0.9%				13.0	0.9%	
	2028			59,898	1.1%				14.2	0.7%				13.1	0.9%	
	2029			60,292	0.7%				14.4	1.0%				13.2	0.9%	
	2030			60,809	0.9%				14.5	0.9%				13.3	0.9%	
	2031			61,311	0.8%				14.6	0.8%				13.4	0.8%	
	2032			61,918	1.0%				14.7	0.6%				13.5	0.8%	
	2033			62,270	0.6%				14.9	0.9%				13.6	0.8%	
	2034			62,752	0.8%				15.0	0.8%				13.8	0.8%	
	2035			63,237	0.8%				15.1	0.8%				13.9	0.8%	
	2036			63,849	1.0%				15.2	0.6%				14.0	0.8%	
	2037			64,188	0.5%				15.3	0.9%				14.1	0.7%	
	2038			64,656	0.7%				15.4	0.7%				14.2	0.7%	
	2039			65,125	0.7%				15.5	0.7%				14.3	0.7%	
	2040			65,728	0.9%				15.6	0.6%				14.4	0.7%	
CAGR [3]	2011-2020		9.2%		9.5%			4.7%		7.4%			9.5%		9.1%	
	2021-2030				1.2%					1.3%					1.1%	
	2031-2040				0.8%					0.7%					0.8%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Bushnell

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	25,311	-	25,311	-	7.2	5.9	7.2	5.9	7.0	5.2	7.0	5.2
	2012	23,675	-6.5%	23,675	-6.5%	6.3	5.6	6.3	5.6	5.5	4.8	5.5	4.8
	2013	23,262	-1.7%	23,262	-1.7%	5.8	5.9	5.8	5.9	5.8	5.0	5.8	5.0
	2014	23,792	2.3%	23,792	2.3%	6.3	5.8	6.3	5.8	6.3	5.4	6.3	5.4
	2015	24,259	2.0%	24,259	2.0%	6.7	5.8	6.7	5.8	6.7	5.6	6.7	5.6
	2016	24,927	2.8%	24,927	2.8%	6.0	6.1	6.0	6.1	5.1	5.6	5.1	5.6
	2017	24,334	-2.4%	24,334	-2.4%	5.2	6.1	5.2	6.1	4.1	6.1	4.1	6.1
	2018	25,430	4.5%	25,430	4.5%	6.8	5.9	6.8	5.9	6.5	5.7	6.5	5.7
	2019	25,623	0.8%	25,623	0.8%	5.3	5.9	5.3	5.9	4.6	5.8	4.6	5.8
	2020	55,936	118.3%	56,138	119.1%	12.2	11.8	14.6	12.7	10.5	11.7	14.3	11.7
Projected	2021	54,813	-2.0%	56,400	0.5%	13.2	12.9	14.7	12.8	12.9	12.1	14.4	11.8
	2022	55,734	1.7%	56,930	0.9%	13.5	13.1	14.8	12.9	13.3	12.3	14.6	11.9
	2023	56,540	1.4%	57,422	0.9%	13.7	13.3	15.0	13.0	13.5	12.4	14.7	12.0
	2024	57,499	1.7%	58,026	1.1%	13.9	13.4	15.1	13.2	13.6	12.6	14.8	12.1
	2025	58,112	1.1%	58,355	0.6%	14.1	13.6	15.2	13.3	13.9	12.8	14.9	12.2
	2026	58,713	1.0%	58,824	0.8%	14.3	13.7	15.3	13.4	14.0	12.9	15.1	12.3
	2027	59,253	0.9%	59,285	0.8%	14.4	13.9	15.5	13.5	14.1	13.0	15.2	12.4
	2028	59,898	1.1%	59,892	1.0%	14.5	14.0	15.6	13.6	14.2	13.1	15.3	12.5
	2029	60,292	0.7%	60,215	0.5%	14.6	14.1	15.7	13.7	14.4	13.2	15.4	12.6
	2030	60,809	0.9%	60,684	0.8%	14.8	14.2	15.8	13.8	14.5	13.3	15.5	12.7
	2031	61,311	0.8%	61,151	0.8%	14.9	14.3	16.0	13.9	14.6	13.4	15.7	12.8
	2032	61,918	1.0%	61,764	1.0%	15.0	14.5	16.1	14.0	14.7	13.5	15.8	12.9
	2033	62,270	0.6%	62,084	0.5%	15.1	14.6	16.2	14.1	14.9	13.6	15.9	13.0
	2034	62,752	0.8%	62,557	0.8%	15.2	14.7	16.3	14.2	15.0	13.8	16.0	13.1
	2035	63,237	0.8%	63,035	0.8%	15.4	14.8	16.4	14.3	15.1	13.9	16.1	13.2
	2036	63,849	1.0%	63,668	1.0%	15.4	14.9	16.6	14.4	15.2	14.0	16.3	13.3
	2037	64,188	0.5%	63,993	0.5%	15.6	15.0	16.7	14.5	15.3	14.1	16.4	13.4
	2038	64,656	0.7%	64,468	0.7%	15.7	15.1	16.8	14.6	15.4	14.2	16.5	13.5
	2039	65,125	0.7%	64,942	0.7%	15.8	15.2	16.9	14.8	15.5	14.3	16.6	13.6
	2040	65,728	0.9%			15.9	15.3			15.6	14.4		
CAGR[1]	Historical		9.2%		0.2%	6.1%	8.1%	-3.7%	0.1%	8.4%	11.9%	-2.6%	2.8%
	1st 10 Prj Yrs		1.2%		0.8%	1.3%	1.1%	0.8%	0.8%	1.3%	1.1%	0.8%	0.8%
	2nd 10 Prj Yrs		0.8%		0.8%	0.7%	0.8%	0.8%	0.8%	0.7%	0.8%	0.8%	0.8%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Bushnell

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	25,311	-	24,578	-	-2.9%	7.0	-	6.8	-	-2.8%	5.2	-	5.2		-0.1%
	2012	23,675	-6.5%	24,108	-1.9%	1.8%	5.5	-20.8%	5.6	-18.2%	0.5%	4.8	-8.3%	5.8	11.0%	20.9%
	2013	23,262	-1.7%	23,500	-2.5%	1.0%	5.8	4.2%	5.5	-0.1%	-3.6%	5.0	5.8%	5.3	-8.7%	4.4%
	2014	23,792	2.3%	23,663	0.7%	-0.5%	6.3	10.1%	6.7	21.3%	6.2%	5.4	7.1%	5.3	0.9%	-1.6%
	2015	24,259	2.0%	23,774	0.5%	-2.0%	6.7	5.7%	6.8	0.7%	1.1%	5.6	4.0%	5.1	-3.0%	-8.2%
	2016	24,927	2.8%	24,397	2.6%	-2.1%	5.1	-23.2%	5.9	-13.3%	14.1%	5.6	-0.4%	5.2	0.9%	-7.0%
	2017	24,334	-2.4%	24,721	1.3%	1.6%	4.1	-19.8%	5.4	-8.0%	30.9%	6.1	9.8%	6.2	19.6%	1.3%
	2018	25,430	4.5%	25,351	2.5%	-0.3%	6.5	58.6%	7.2	33.5%	10.2%	5.7	-7.3%	5.9	-5.5%	3.3%
	2019	25,623	0.8%	25,174	-0.7%	-1.8%	4.6	-29.9%	6.0	-17.2%	30.1%	5.8	1.8%	5.6	-5.3%	-3.9%
	2020	55,936	118.3%	54,686	117.2%	-2.2%	10.5	129.1%	12.9	115.5%	22.4%	11.7	102.3%	11.3	103.4%	-3.4%
Projected	2021	54,692	-2.2%	54,692	0.0%		12.9	23.1%	12.9	0.6%		12.0	2.8%	12.0	6.4%	
	2022			55,571	1.6%				13.3	2.6%				12.2	1.5%	
	2023			56,335	1.4%				13.5	1.4%				12.4	1.4%	
	2024			57,245	1.6%				13.6	1.3%				12.5	1.4%	
	2025			57,805	1.0%				13.9	1.5%				12.7	1.1%	
	2026			58,330	0.9%				14.0	1.1%				12.8	0.8%	
	2027			58,786	0.8%				14.1	0.9%				12.9	0.7%	
	2028			59,342	0.9%				14.2	0.7%				13.0	0.7%	
	2029			59,643	0.5%				14.4	1.0%				13.1	0.7%	
	2030			60,062	0.7%				14.5	0.9%				13.2	0.7%	
	2031			60,501	0.7%				14.6	0.8%				13.2	0.7%	
	2032			61,042	0.9%				14.7	0.6%				13.3	0.7%	
	2033			61,329	0.5%				14.9	0.9%				13.4	0.7%	
	2034			61,743	0.7%				15.0	0.8%				13.5	0.7%	
	2035			62,156	0.7%				15.1	0.8%				13.6	0.7%	
	2036			62,690	0.9%				15.2	0.6%				13.7	0.6%	
	2037			62,951	0.4%				15.3	0.9%				13.8	0.6%	
	2038			63,335	0.6%				15.4	0.7%				13.9	0.6%	
	2039			63,761	0.7%				15.5	0.7%				13.9	0.7%	
	2040			64,277	0.8%				15.6	0.6%				14.0	0.6%	
CAGR [3]	2011-2020		9.2%		9.3%			4.7%		7.4%			9.5%		9.1%	
	2021-2030				1.0%					1.3%					1.0%	
	2031-2040				0.7%					0.7%					0.6%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Bushnell

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	25,311	-	24,578	-	-2.9%	7.2	-	40.4%	5.9	-	49.0%
	2012	23,675	-6.5%	24,108	-1.9%	1.8%	6.3	-12.1%	43.0%	5.6	-5.8%	48.7%
	2013	23,262	-1.7%	23,500	-2.5%	1.0%	5.8	-8.6%	46.2%	5.9	5.5%	45.3%
	2014	23,792	2.3%	23,663	0.7%	-0.5%	6.3	10.1%	42.9%	5.8	-1.5%	47.0%
	2015	24,259	2.0%	23,774	0.5%	-2.0%	6.7	5.7%	41.4%	5.8	0.4%	47.8%
	2016	24,927	2.8%	24,397	2.6%	-2.1%	6.0	-10.6%	47.5%	6.1	4.5%	47.0%
	2017	24,334	-2.4%	24,721	1.3%	1.6%	5.2	-13.1%	53.4%	6.1	1.1%	45.4%
	2018	25,430	4.5%	25,351	2.5%	-0.3%	6.8	31.1%	42.6%	5.9	-3.5%	49.1%
	2019	25,623	0.8%	25,174	-0.7%	-1.8%	5.3	-22.2%	55.1%	5.9	0.2%	49.4%
	2020	55,936	118.3%	54,686	117.2%	-2.2%	12.2	130.1%	52.3%	11.8	99.7%	54.0%
Projected	2021	54,692	-2.2%	54,692	0.0%		13.2	7.8%	47.4%	12.8	8.4%	48.7%
	2022	55,571	1.6%	55,571	1.6%		13.5	2.6%	46.9%	13.0	1.5%	48.7%
	2023	56,335	1.4%	56,335	1.4%		13.7	1.4%	46.9%	13.2	1.4%	48.7%
	2024	57,245	1.6%	57,245	1.6%		13.9	1.3%	47.1%	13.4	1.4%	48.8%
	2025	57,805	1.0%	57,805	1.0%		14.1	1.5%	46.8%	13.5	1.1%	48.8%
	2026	58,330	0.9%	58,330	0.9%		14.3	1.1%	46.7%	13.6	0.8%	48.8%
	2027	58,786	0.8%	58,786	0.8%		14.4	0.9%	46.7%	13.8	0.8%	48.8%
	2028	59,342	0.9%	59,342	0.9%		14.5	0.7%	46.8%	13.9	0.7%	48.9%
	2029	59,643	0.5%	59,643	0.5%		14.6	1.0%	46.5%	13.9	0.7%	48.8%
	2030	60,062	0.7%	60,062	0.7%		14.8	0.9%	46.4%	14.0	0.7%	48.8%
	2031	60,501	0.7%	60,501	0.7%		14.9	0.8%	46.4%	14.1	0.7%	48.8%
	2032	61,042	0.9%	61,042	0.9%		15.0	0.6%	46.5%	14.2	0.7%	48.9%
	2033	61,329	0.5%	61,329	0.5%		15.1	0.9%	46.3%	14.3	0.7%	48.8%
	2034	61,743	0.7%	61,743	0.7%		15.2	0.8%	46.3%	14.4	0.7%	48.8%
	2035	62,156	0.7%	62,156	0.7%		15.4	0.8%	46.2%	14.5	0.7%	48.8%
	2036	62,690	0.9%	62,690	0.9%		15.4	0.6%	46.3%	14.6	0.6%	48.9%
	2037	62,951	0.4%	62,951	0.4%		15.6	0.9%	46.1%	14.7	0.6%	48.8%
	2038	63,335	0.6%	63,335	0.6%		15.7	0.7%	46.0%	14.8	0.6%	48.8%
	2039	63,761	0.7%	63,761	0.7%		15.8	0.7%	46.0%	14.9	0.7%	48.8%
	2040	64,277	0.8%	64,277	0.8%		15.9	0.6%	46.1%	15.0	0.6%	48.9%
CAGR [1]	2011-2020		9.2%		9.3%			6.1%	46.5%		8.1%	48.3%
	2021-2030		1.0%		1.0%			1.3%	46.8%		1.0%	48.8%
	2031-2040		0.7%		0.7%			0.7%	46.2%		0.6%	48.9%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Bushnell

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	2,104	1,714	1,768	1,960	2,189	2,297	2,335	2,562	2,255	1,807	1,652	1,722	24,365	25,311
	2012	1,922	1,731	1,865	1,868	2,206	2,047	2,297	2,369	2,187	1,968	1,680	1,768	23,910	23,675
	2013	1,714	1,651	1,815	1,767	1,934	2,058	2,188	2,476	2,243	2,021	1,636	1,713	23,216	23,262
	2014	2,194	1,689	1,671	1,744	2,097	2,120	2,276	2,446	2,184	1,939	1,699	1,843	23,903	23,792
	2015	1,897	1,777	1,805	2,002	2,241	2,232	2,197	2,398	2,228	1,967	1,809	1,785	24,338	24,259
	2016	1,926	1,797	1,786	1,803	2,149	2,376	2,610	2,550	2,368	1,985	1,630	1,738	24,719	24,927
	2017	1,796	1,594	1,804	1,906	2,267	2,191	2,418	2,669	2,338	2,195	1,693	1,824	24,694	24,334
	2018	2,288	1,739	1,848	1,853	2,163	2,273	2,309	2,652	2,593	2,289	1,834	1,876	25,717	25,430
	2019	2,025	1,687	1,775	1,882	2,370	2,357	2,470	2,612	2,446	3,662	4,028	4,248	31,562	25,623
	2020	4,619	4,403	4,848	4,272	4,678	5,147	5,386	5,494	5,151	5,014	3,882	4,060	56,953	55,936
Projected	2021	4,272	3,521	4,083	4,472	4,820	4,902	5,192	5,338	5,136	5,036	3,889	4,225	54,887	54,692
	2022	4,347	3,588	4,160	4,542	4,899	4,980	5,271	5,420	5,215	5,107	3,945	4,286	55,759	55,571
	2023	4,406	3,636	4,214	4,606	4,966	5,046	5,343	5,493	5,287	5,182	4,002	4,350	56,531	56,335
	2024	4,467	3,807	4,278	4,669	5,037	5,118	5,410	5,566	5,360	5,247	4,055	4,411	57,425	57,245
	2025	4,524	3,736	4,329	4,725	5,095	5,174	5,467	5,625	5,416	5,300	4,094	4,456	57,942	57,805
	2026	4,569	3,773	4,368	4,767	5,140	5,217	5,513	5,671	5,460	5,344	4,126	4,495	58,444	58,330
	2027	4,608	3,804	4,401	4,805	5,180	5,256	5,553	5,713	5,501	5,384	4,156	4,531	58,893	58,786
	2028	4,645	3,957	4,433	4,840	5,218	5,293	5,592	5,754	5,540	5,423	4,185	4,566	59,445	59,342
	2029	4,681	3,864	4,463	4,874	5,255	5,329	5,630	5,793	5,578	5,462	4,213	4,602	59,745	59,643
	2030	4,717	3,894	4,493	4,908	5,292	5,365	5,668	5,833	5,616	5,503	4,244	4,638	60,171	60,062
Projected	2031	4,754	3,924	4,526	4,944	5,331	5,402	5,708	5,873	5,654	5,542	4,273	4,672	60,602	60,501
	2032	4,789	4,078	4,556	4,977	5,367	5,438	5,746	5,912	5,692	5,580	4,301	4,706	61,141	61,042
	2033	4,823	3,981	4,586	5,011	5,404	5,474	5,784	5,952	5,730	5,617	4,329	4,739	61,429	61,329
	2034	4,858	4,009	4,616	5,044	5,440	5,510	5,822	5,991	5,768	5,655	4,357	4,773	61,842	61,743
	2035	4,893	4,037	4,646	5,078	5,476	5,545	5,860	6,030	5,805	5,693	4,385	4,807	62,255	62,156
	2036	4,927	4,195	4,675	5,111	5,512	5,580	5,896	6,068	5,841	5,729	4,411	4,840	62,785	62,690
	2037	4,961	4,093	4,704	5,142	5,546	5,613	5,932	6,104	5,877	5,764	4,437	4,872	63,044	62,951
	2038	4,994	4,120	4,731	5,173	5,580	5,646	5,967	6,141	5,911	5,803	4,466	4,905	63,437	63,335
	2039	5,028	4,148	4,763	5,208	5,617	5,684	6,006	6,181	5,951	5,838	4,492	4,937	63,854	63,761
	2040	5,061	4,308	4,790	5,239	5,651	5,716	6,041	6,217	5,985	5,874	4,518	4,969	64,369	64,277

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	8.6%	7.0%	7.3%	8.0%	9.0%	9.4%	9.6%	10.5%	9.3%	7.4%	6.8%	7.1%	100.0%
	2012	8.0%	7.2%	7.8%	7.8%	9.2%	8.6%	9.6%	9.9%	9.1%	8.2%	7.0%	7.4%	100.0%
	2013	7.4%	7.1%	7.8%	7.6%	8.3%	8.9%	9.4%	10.7%	9.7%	8.7%	7.0%	7.4%	100.0%
	2014	9.2%	7.1%	7.0%	7.3%	8.8%	8.9%	9.5%	10.2%	9.1%	8.1%	7.1%	7.7%	100.0%
	2015	7.8%	7.3%	7.4%	8.2%	9.2%	9.2%	9.0%	9.9%	9.2%	8.1%	7.4%	7.3%	100.0%
	2016	7.8%	7.3%	7.2%	7.3%	8.7%	9.6%	10.6%	10.3%	9.6%	8.0%	6.6%	7.0%	100.0%
	2017	7.3%	6.5%	7.3%	7.7%	9.2%	8.9%	9.8%	10.8%	9.5%	8.9%	6.9%	7.4%	100.0%
	2018	8.9%	6.8%	7.2%	7.2%	8.4%	8.8%	9.0%	10.3%	10.1%	8.9%	7.1%	7.3%	100.0%
	2019	6.4%	5.3%	5.6%	6.0%	7.5%	7.5%	7.8%	8.3%	7.8%	11.6%	12.8%	13.5%	100.0%
	2020	8.1%	7.7%	8.5%	7.5%	8.2%	9.0%	9.5%	9.6%	9.0%	8.8%	6.8%	7.1%	100.0%
Projected	2021	7.8%	6.4%	7.4%	8.1%	8.8%	8.9%	9.5%	9.7%	9.4%	9.2%	7.1%	7.7%	100.0%
	2022	7.8%	6.4%	7.5%	8.1%	8.8%	8.9%	9.5%	9.7%	9.4%	9.2%	7.1%	7.7%	100.0%
	2023	7.8%	6.4%	7.5%	8.1%	8.8%	8.9%	9.5%	9.7%	9.4%	9.2%	7.1%	7.7%	100.0%
	2024	7.8%	6.6%	7.4%	8.1%	8.8%	8.9%	9.4%	9.7%	9.3%	9.1%	7.1%	7.7%	100.0%
	2025	7.8%	6.4%	7.5%	8.2%	8.8%	8.9%	9.4%	9.7%	9.3%	9.1%	7.1%	7.7%	100.0%
	2026	7.8%	6.5%	7.5%	8.2%	8.8%	8.9%	9.4%	9.7%	9.3%	9.1%	7.1%	7.7%	100.0%
	2027	7.8%	6.5%	7.5%	8.2%	8.8%	8.9%	9.4%	9.7%	9.3%	9.1%	7.1%	7.7%	100.0%
	2028	7.8%	6.7%	7.5%	8.1%	8.8%	8.9%	9.4%	9.7%	9.3%	9.1%	7.0%	7.7%	100.0%
	2029	7.8%	6.5%	7.5%	8.2%	8.8%	8.9%	9.4%	9.7%	9.3%	9.1%	7.1%	7.7%	100.0%
	2030	7.8%	6.5%	7.5%	8.2%	8.8%	8.9%	9.4%	9.7%	9.3%	9.1%	7.1%	7.7%	100.0%
Avg.	2011-2020	8.0%	6.9%	7.3%	7.5%	8.7%	8.9%	9.4%	10.1%	9.2%	8.7%	7.6%	7.9%	100.0%
	2021-2030	7.8%	6.5%	7.5%	8.1%	8.8%	8.9%	9.4%	9.7%	9.3%	9.1%	7.1%	7.7%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Mild Weather Case

Bushnell

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	6.8	5.7	3.9	5.0	5.3	5.5	5.1	5.9	5.4	4.5	4.1	4.2	7.2	5.9
	2012	6.1	6.3	4.4	4.8	5.2	5.1	5.0	5.6	5.3	5.0	4.3	4.1	6.3	5.6
	2013	4.4	5.5	5.8	4.6	5.1	5.0	5.6	5.9	5.7	5.0	4.4	4.5	5.8	5.9
	2014	6.3	5.3	3.7	4.9	5.1	5.4	5.2	5.8	5.5	5.0	4.9	4.9	6.3	5.8
	2015	5.3	6.7	4.3	4.8	5.6	5.6	5.1	5.8	5.6	5.1	5.1	4.2	6.7	5.8
	2016	6.0	5.7	4.4	4.9	5.2	5.5	5.9	6.1	5.7	5.0	4.2	4.5	6.0	6.1
	2017	5.2	4.2	4.8	5.5	5.6	5.6	5.6	6.1	5.8	5.6	4.1	5.2	5.2	6.1
	2018	6.8	4.6	4.7	4.5	5.4	5.4	5.3	5.7	5.9	5.6	4.8	5.0	6.8	5.9
	2019	5.3	4.4	4.3	4.7	5.9	5.8	5.7	5.9	5.8	11.4	10.3	9.2	5.3	5.9
	2020	12.2	10.5	11.0	10.8	11.1	11.8	11.4	11.8	11.8	9.8	9.2	10.0	12.2	11.8
Projected	2021	13.2	11.6	10.5	10.0	11.2	11.6	10.9	12.8	11.8	10.6	9.5	10.2	13.2	12.8
	2022	13.5	11.9	10.8	10.2	11.4	11.7	11.1	13.0	12.0	10.8	9.6	10.4	13.5	13.0
	2023	13.7	12.1	10.9	10.3	11.6	11.9	11.2	13.2	12.2	10.9	9.7	10.5	13.7	13.2
	2024	13.9	12.3	11.1	10.5	11.7	12.1	11.4	13.4	12.3	11.1	9.9	10.7	13.9	13.4
	2025	14.1	12.4	11.2	10.6	11.9	12.2	11.5	13.5	12.5	11.2	10.0	10.8	14.1	13.5
	2026	14.3	12.6	11.4	10.7	12.0	12.3	11.6	13.6	12.6	11.3	10.1	10.9	14.3	13.6
	2027	14.4	12.7	11.5	10.8	12.1	12.4	11.7	13.8	12.7	11.4	10.2	11.0	14.4	13.8
	2028	14.5	12.8	11.6	10.8	12.2	12.5	11.8	13.9	12.7	11.5	10.3	11.1	14.5	13.9
	2029	14.6	12.9	11.7	10.9	12.2	12.6	11.9	13.9	12.8	11.6	10.4	11.2	14.6	13.9
	2030	14.8	13.0	11.8	11.0	12.3	12.6	11.9	14.0	12.9	11.7	10.4	11.3	14.8	14.0
Projected	2031	14.9	13.1	11.9	11.1	12.4	12.7	12.0	14.1	13.0	11.7	10.5	11.4	14.9	14.1
	2032	15.0	13.2	11.9	11.2	12.5	12.8	12.1	14.2	13.1	11.8	10.6	11.5	15.0	14.2
	2033	15.1	13.3	12.1	11.2	12.6	12.9	12.2	14.3	13.2	11.9	10.7	11.6	15.1	14.3
	2034	15.2	13.4	12.2	11.3	12.7	13.0	12.3	14.4	13.3	12.0	10.8	11.6	15.2	14.4
	2035	15.4	13.6	12.2	11.4	12.8	13.1	12.3	14.5	13.4	12.1	10.8	11.7	15.4	14.5
	2036	15.4	13.6	12.3	11.5	12.9	13.2	12.4	14.6	13.4	12.2	10.9	11.8	15.4	14.6
	2037	15.6	13.8	12.4	11.6	13.0	13.2	12.5	14.7	13.5	12.2	11.0	11.9	15.6	14.7
	2038	15.7	13.9	12.5	11.6	13.1	13.3	12.6	14.8	13.6	12.3	11.1	12.0	15.7	14.8
	2039	15.8	14.0	12.6	11.7	13.1	13.4	12.6	14.9	13.7	12.4	11.2	12.1	15.8	14.9
	2040	15.9	14.0	12.7	11.8	13.2	13.5	12.7	15.0	13.8	12.5	11.2	12.2	15.9	15.0

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	41.7%	44.9%	60.5%	54.4%	55.6%	58.1%	61.2%	58.4%	58.3%	54.5%	56.6%	55.5%	38.9%	49.0%
	2012	42.3%	39.5%	56.7%	53.6%	56.6%	55.8%	62.2%	57.3%	56.8%	53.0%	53.8%	57.6%	43.4%	48.7%
	2013	52.5%	44.9%	42.4%	53.1%	51.4%	56.8%	52.3%	56.8%	54.8%	54.7%	52.1%	51.4%	46.1%	45.3%
	2014	46.6%	47.1%	60.7%	49.5%	55.1%	54.9%	58.7%	56.9%	54.8%	52.2%	48.3%	50.5%	43.1%	47.0%
	2015	48.3%	39.5%	56.9%	58.0%	53.8%	55.4%	57.5%	55.6%	55.3%	52.3%	48.9%	57.6%	41.5%	47.8%
	2016	43.3%	45.5%	54.7%	51.6%	55.2%	59.7%	59.1%	56.6%	58.1%	53.5%	53.4%	52.3%	47.1%	47.0%
	2017	46.4%	56.8%	50.3%	48.5%	54.5%	54.3%	57.6%	58.6%	55.6%	52.4%	56.9%	47.4%	54.2%	45.4%
	2018	45.1%	56.2%	52.4%	57.7%	54.0%	58.9%	58.5%	62.0%	60.9%	55.0%	53.0%	50.5%	43.1%	49.1%
	2019	51.3%	57.3%	55.3%	55.9%	53.8%	56.0%	58.4%	59.6%	58.1%	43.2%	54.3%	62.3%	67.9%	49.4%
	2020	50.8%	60.5%	59.3%	54.8%	56.8%	60.4%	63.6%	62.8%	60.5%	69.0%	58.4%	54.7%	53.2%	54.0%
Projected	2021	43.6%	45.1%	52.3%	62.0%	57.7%	58.9%	63.9%	55.9%	60.4%	63.8%	57.0%	55.4%	47.6%	48.7%
	2022	43.2%	44.8%	51.9%	62.0%	57.7%	58.9%	63.9%	55.9%	60.4%	63.7%	57.0%	55.4%	47.1%	48.7%
	2023	43.2%	44.7%	51.8%	62.0%	57.7%	58.9%	63.9%	55.9%	60.4%	63.8%	57.1%	55.5%	47.1%	48.7%
	2024	43.2%	44.6%	51.9%	62.0%	57.7%	58.9%	63.8%	55.9%	60.4%	63.7%	57.0%	55.4%	47.2%	48.8%
	2025	43.1%	44.7%	51.7%	62.1%	57.8%	58.9%	63.8%	55.9%	60.4%	63.6%	56.9%	55.4%	46.9%	48.8%
	2026	43.1%	44.6%	51.7%	62.1%	57.8%	58.9%	63.8%	55.9%	60.4%	63.6%	56.8%	55.4%	46.8%	48.8%
	2027	43.1%	44.6%	51.6%	62.1%	57.7%	58.9%	63.8%	55.8%	60.4%	63.6%	56.8%	55.4%	46.7%	48.8%
	2028	43.1%	44.5%	51.6%	62.0%	57.7%	58.9%	63.8%	55.8%	60.4%	63.5%	56.6%	55.3%	46.8%	48.9%
	2029	43.0%	44.5%	51.4%	62.0%	57.7%	58.9%	63.8%	55.8%	60.4%	63.5%	56.5%	55.3%	46.6%	48.8%
	2030	42.9%	44.5%	51.3%	62.0%	57.6%	58.9%	63.8%	55.8%	60.4%	63.5%	56.5%	55.2%	46.5%	48.8%
Avg.	2011-2020	46.8%	49.2%	54.9%	53.7%	54.7%	57.0%	58.9%	58.5%	57.3%	54.0%	53.6%	54.0%	47.8%	48.3%
	2021-2030	43.2%	44.7%	51.7%	62.0%	57.7%	58.9%	63.8%	55.9%	60.4%	63.6%	56.8%	55.4%	46.9%	48.8%

FMPA 2021 Load Forecast - Mild Weather Case

Bushnell

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	6.8	5.7	3.0	4.6	4.8	5.4	5.0	5.2	5.3	4.0	3.7	2.8	7.0	5.2
	2012	5.5	6.3	4.0	4.6	4.6	4.7	4.8	5.3	5.1	4.8	2.6	4.1	5.5	4.8
	2013	4.4	5.5	5.8	4.6	4.5	4.6	5.2	5.0	5.3	4.8	4.2	2.8	5.8	5.0
	2014	6.3	5.3	2.6	4.5	4.7	5.0	4.9	5.4	5.5	5.0	4.8	4.9	6.3	5.4
	2015	5.3	6.7	3.9	4.3	5.0	5.6	4.8	5.3	5.1	4.8	5.1	3.4	6.7	5.6
	2016	6.0	5.7	4.1	4.7	5.1	5.2	5.6	5.3	5.2	4.8	4.0	3.2	5.1	5.6
	2017	5.2	3.9	4.1	5.0	5.2	5.4	5.5	6.1	5.8	5.6	4.1	5.2	4.1	6.1
	2018	6.5	4.5	4.2	4.3	5.1	4.9	5.1	5.7	5.9	5.2	4.6	5.0	6.5	5.7
	2019	5.1	4.2	4.3	4.7	5.7	5.8	5.0	5.9	5.4	10.6	10.2	7.2	4.6	5.8
	2020	12.2	10.0	10.5	9.2	10.6	11.7	11.3	11.6	11.8	9.3	8.6	8.5	10.5	11.7
Projected	2021	12.9	11.4	9.4	9.4	10.4	11.1	10.3	12.0	11.3	10.1	8.8	8.7	12.9	12.0
	2022	13.3	11.7	9.6	9.5	10.6	11.3	10.5	12.2	11.5	10.3	8.9	8.9	13.3	12.2
	2023	13.5	11.9	9.7	9.6	10.7	11.4	10.6	12.4	11.7	10.4	9.0	9.0	13.5	12.4
	2024	13.6	12.0	9.9	9.8	10.9	11.6	10.8	12.5	11.8	10.6	9.2	9.1	13.6	12.5
	2025	13.9	12.2	10.0	9.9	11.0	11.7	10.9	12.7	12.0	10.7	9.3	9.2	13.9	12.7
	2026	14.0	12.4	10.1	10.0	11.1	11.8	11.0	12.8	12.1	10.8	9.3	9.3	14.0	12.8
	2027	14.1	12.5	10.2	10.0	11.2	11.9	11.1	12.9	12.1	10.9	9.4	9.4	14.1	12.9
	2028	14.2	12.6	10.3	10.1	11.3	11.9	11.1	13.0	12.2	10.9	9.5	9.5	14.2	13.0
	2029	14.4	12.7	10.4	10.2	11.4	12.0	11.2	13.1	12.3	11.0	9.6	9.5	14.4	13.1
	2030	14.5	12.8	10.5	10.3	11.4	12.1	11.3	13.2	12.4	11.1	9.7	9.6	14.5	13.2
Projected	2031	14.6	12.9	10.6	10.4	11.5	12.2	11.4	13.2	12.5	11.2	9.7	9.7	14.6	13.2
	2032	14.7	13.0	10.6	10.4	11.6	12.3	11.4	13.3	12.6	11.3	9.8	9.8	14.7	13.3
	2033	14.9	13.1	10.7	10.5	11.7	12.4	11.5	13.4	12.6	11.4	9.9	9.8	14.9	13.4
	2034	15.0	13.2	10.8	10.6	11.8	12.4	11.6	13.5	12.7	11.4	10.0	9.9	15.0	13.5
	2035	15.1	13.3	10.9	10.7	11.9	12.5	11.7	13.6	12.8	11.5	10.0	10.0	15.1	13.6
	2036	15.2	13.4	11.0	10.7	11.9	12.6	11.7	13.7	12.9	11.6	10.1	10.1	15.2	13.7
	2037	15.3	13.5	11.1	10.8	12.0	12.7	11.8	13.8	13.0	11.7	10.2	10.1	15.3	13.8
	2038	15.4	13.6	11.2	10.9	12.1	12.7	11.9	13.9	13.0	11.8	10.3	10.2	15.4	13.9
	2039	15.5	13.7	11.2	10.9	12.2	12.8	11.9	13.9	13.1	11.8	10.3	10.3	15.5	13.9
	2040	15.6	13.8	11.3	11.0	12.3	12.9	12.0	14.0	13.2	11.9	10.4	10.4	15.6	14.0

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	99.8%	100.0%	75.2%	92.4%	89.8%	98.3%	98.2%	88.0%	97.8%	90.4%	92.2%	67.3%	97.4%	88.0%
	2012	90.4%	100.0%	91.3%	94.3%	87.9%	93.0%	95.8%	96.1%	95.3%	97.1%	59.9%	100.0%	87.7%	85.7%
	2013	100.0%	100.0%	100.0%	99.0%	89.6%	92.0%	93.1%	85.9%	92.9%	97.5%	95.5%	61.7%	100.0%	85.9%
	2014	100.0%	100.0%	70.1%	92.2%	92.8%	94.1%	93.8%	93.3%	98.8%	100.0%	97.7%	100.0%	100.0%	93.3%
	2015	100.0%	100.0%	91.0%	89.4%	89.0%	100.0%	92.5%	92.0%	90.7%	95.8%	100.0%	80.8%	100.0%	96.7%
	2016	100.0%	100.0%	94.5%	96.4%	98.1%	94.6%	93.9%	87.3%	92.0%	97.3%	95.3%	71.0%	85.9%	92.1%
	2017	100.0%	92.4%	85.6%	91.3%	93.7%	96.4%	97.9%	100.0%	99.6%	100.0%	98.0%	100.0%	79.3%	100.0%
	2018	96.0%	97.6%	87.9%	95.7%	94.8%	92.0%	96.2%	98.8%	100.0%	93.8%	95.4%	100.0%	96.0%	96.1%
	2019	96.4%	96.8%	99.9%	99.5%	96.8%	99.0%	88.4%	100.0%	92.9%	93.4%	98.8%	78.1%	86.5%	97.6%
	2020	100.0%	95.7%	95.7%	84.7%	95.4%	98.9%	99.2%	98.6%	100.0%	95.4%	92.7%	85.2%	86.1%	98.9%
Projected	2021	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.6%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2022	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.6%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2023	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.6%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2024	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.6%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2025	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.5%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2026	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.5%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2027	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.5%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2028	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.5%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2029	98.3%	98.3%	89.1%	93.4%	92.7%	95.8%	94.5%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2030	98.3%	98.3%	89.1%	93.4%	92.7%	95.8%	94.5%	93.7%	95.9%	95.4%	92.7%	85.2%	98.3%	93.7%
	2011-2020	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.9%	94.0%	96.0%	96.1%	92.5%	84.4%	91.9%	93.4%
	2021-2030	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.5%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%

FMPA 2021 Load Forecast - Mild Weather Case - Bushnell

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service						TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	8,480		724		11,707		15,544		279		55.7		24,024		1,287	5.1%	25,311	
	2012	7,723	-8.9%	736	1.6%	10,491	-10.4%	14,907	-4.1%	278	-0.4%	53.6	-3.8%	22,630	-5.8%	1,045	4.4%	23,675	-6.5%
	2013	7,939	2.8%	736	0.0%	10,781	2.8%	14,570	-2.3%	281	0.9%	51.9	-3.2%	22,509	-0.5%	753	3.2%	23,262	-1.7%
	2014	8,149	2.6%	742	0.8%	10,978	1.8%	14,711	1.0%	278	-1.1%	53.0	2.1%	22,860	1.6%	932	3.9%	23,792	2.3%
	2015	8,301	1.9%	751	1.2%	11,048	0.6%	14,792	0.6%	279	0.4%	53.1	0.2%	23,093	1.0%	1,166	4.8%	24,259	2.0%
	2016	8,648	4.2%	755	0.5%	11,448	3.6%	15,376	3.9%	281	0.8%	54.8	3.1%	24,024	4.0%	903	3.6%	24,927	2.8%
	2017	8,211	-5.1%	766	1.4%	10,719	-6.4%	14,987	-2.5%	287	2.0%	52.3	-4.5%	23,198	-3.4%	1,136	4.7%	24,334	-2.4%
	2018	8,735	6.4%	772	0.7%	11,320	5.6%	15,461	3.2%	283	-1.3%	54.7	4.5%	24,196	4.3%	1,234	4.9%	25,430	4.5%
	2019	8,977	2.8%	780	1.1%	11,511	1.7%	15,618	1.0%	283	-0.1%	55.3	1.1%	24,595	1.6%	1,028	4.0%	25,623	0.8%
	2020	12,494	39.2%	1,131	45.0%	11,051	-4.0%	39,914	155.6%	426	50.7%	93.8	69.6%	52,408	113.1%	3,528	6.3%	55,936	118.3%
Projected	2021	11,517	-7.8%	1,167	3.2%	9,866	-10.7%	40,669	1.9%	441	3.5%	92.3	-1.6%	52,185	-0.4%	2,628	4.8%	54,813	-2.0%
	2022	11,353	-1.4%	1,171	0.3%	9,697	-1.7%	41,697	2.5%	446	1.1%	93.6	1.4%	53,051	1.7%	2,683	4.8%	55,734	1.7%
	2023	11,314	-0.3%	1,176	0.4%	9,621	-0.8%	42,504	1.9%	450	1.0%	94.5	1.0%	53,818	1.4%	2,722	4.8%	56,540	1.4%
	2024	11,233	-0.7%	1,181	0.4%	9,512	-1.1%	43,386	2.1%	454	0.8%	95.6	1.2%	54,619	1.5%	2,880	5.0%	57,499	1.7%
	2025	11,202	-0.3%	1,186	0.4%	9,447	-0.7%	44,113	1.7%	457	0.8%	96.5	0.9%	55,315	1.3%	2,797	4.8%	58,112	1.1%
	2026	11,228	0.2%	1,190	0.4%	9,435	-0.1%	44,659	1.2%	460	0.7%	97.0	0.6%	55,887	1.0%	2,826	4.8%	58,713	1.0%
	2027	11,284	0.5%	1,194	0.4%	9,448	0.1%	45,117	1.0%	463	0.6%	97.4	0.4%	56,401	0.9%	2,852	4.8%	59,253	0.9%
	2028	11,354	0.6%	1,198	0.3%	9,475	0.3%	45,544	0.9%	466	0.6%	97.8	0.4%	56,898	0.9%	3,000	5.0%	59,898	1.1%
	2029	11,434	0.7%	1,202	0.3%	9,510	0.4%	45,956	0.9%	468	0.5%	98.2	0.4%	57,390	0.9%	2,902	4.8%	60,292	0.7%
	2030	11,520	0.8%	1,206	0.3%	9,551	0.4%	46,363	0.9%	470	0.5%	98.6	0.4%	57,883	0.9%	2,927	4.8%	60,809	0.9%
	2031	11,606	0.8%	1,210	0.3%	9,594	0.5%	46,754	0.8%	472	0.4%	99.0	0.4%	58,360	0.8%	2,951	4.8%	61,311	0.8%
	2032	11,693	0.7%	1,213	0.3%	9,640	0.5%	47,124	0.8%	474	0.4%	99.4	0.4%	58,817	0.8%	3,101	5.0%	61,918	1.0%
	2033	11,781	0.8%	1,216	0.3%	9,688	0.5%	47,492	0.8%	476	0.4%	99.7	0.4%	59,273	0.8%	2,997	4.8%	62,270	0.6%
	2034	11,872	0.8%	1,219	0.3%	9,738	0.5%	47,859	0.8%	478	0.4%	100.1	0.4%	59,732	0.8%	3,020	4.8%	62,752	0.8%
	2035	11,966	0.8%	1,222	0.2%	9,791	0.5%	48,228	0.8%	480	0.4%	100.5	0.4%	60,193	0.8%	3,043	4.8%	63,237	0.8%
	2036	12,060	0.8%	1,225	0.2%	9,844	0.5%	48,591	0.8%	481	0.3%	101.0	0.4%	60,651	0.8%	3,198	5.0%	63,849	1.0%
	2037	12,152	0.8%	1,228	0.2%	9,897	0.5%	48,946	0.7%	483	0.3%	101.4	0.4%	61,098	0.7%	3,089	4.8%	64,188	0.5%
	2038	12,243	0.8%	1,231	0.2%	9,949	0.5%	49,301	0.7%	485	0.3%	101.8	0.4%	61,544	0.7%	3,112	4.8%	64,656	0.7%
	2039	12,334	0.7%	1,233	0.2%	10,001	0.5%	49,656	0.7%	486	0.3%	102.2	0.4%	61,990	0.7%	3,134	4.8%	65,125	0.7%
	2040	12,425	0.7%	1,236	0.2%	10,053	0.5%	50,011	0.7%	488	0.3%	102.6	0.4%	62,436	0.7%	3,292	5.0%	65,728	0.9%
CAGR	2011-2020		4.4%		5.1%		-0.6%		11.0%		4.8%		6.0%		9.1%		4.5%		9.2%
	2021-2030		0.0%		0.4%		-0.4%		1.5%		0.7%		0.7%		1.2%		4.9%		1.2%
	2031-2040		0.8%		0.2%		0.5%		0.8%		0.4%		0.4%		0.8%		4.9%		0.8%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - Severe Weather Case

Bushnell

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	25,311	-	24,578	-	-2.9%	7.0	-	6.8	-	-2.8%	5.2	-	5.2		-0.1%
	2012	23,675	-6.5%	24,108	-1.9%	1.8%	5.5	-20.8%	5.6	-18.2%	0.5%	4.8	-8.3%	5.8	11.0%	20.9%
	2013	23,262	-1.7%	23,500	-2.5%	1.0%	5.8	4.2%	5.5	-0.1%	-3.6%	5.0	5.8%	5.3	-8.7%	4.4%
	2014	23,792	2.3%	23,663	0.7%	-0.5%	6.3	10.1%	6.7	21.3%	6.2%	5.4	7.1%	5.3	0.9%	-1.6%
	2015	24,259	2.0%	23,774	0.5%	-2.0%	6.7	5.7%	6.8	0.7%	1.1%	5.6	4.0%	5.1	-3.0%	-8.2%
	2016	24,927	2.8%	24,397	2.6%	-2.1%	5.1	-23.2%	5.9	-13.3%	14.1%	5.6	-0.4%	5.2	0.9%	-7.0%
	2017	24,334	-2.4%	24,721	1.3%	1.6%	4.1	-19.8%	5.4	-8.0%	30.9%	6.1	9.8%	6.2	19.6%	1.3%
	2018	25,430	4.5%	25,351	2.5%	-0.3%	6.5	58.6%	7.2	33.5%	10.2%	5.7	-7.3%	5.9	-5.5%	3.3%
	2019	25,623	0.8%	25,174	-0.7%	-1.8%	4.6	-29.9%	6.0	-17.2%	30.1%	5.8	1.8%	5.6	-5.3%	-3.9%
	2020	55,936	118.3%	55,814	121.7%	-0.2%	10.5	129.1%	12.9	115.5%	22.4%	11.7	102.3%	11.3	103.4%	-3.4%
Projected	2021	57,820	3.4%	57,820	3.6%		14.7	40.2%	14.7	14.6%		12.7	8.3%	12.7	12.1%	
	2022			58,890	1.9%				15.1	2.3%				12.9	1.6%	
	2023			59,717	1.4%				15.3	1.3%				13.1	1.4%	
	2024			60,712	1.7%				15.5	1.2%				13.2	1.4%	
	2025			61,319	1.0%				15.7	1.4%				13.4	1.1%	
	2026			61,942	1.0%				15.8	1.0%				13.5	1.0%	
	2027			62,504	0.9%				16.0	0.9%				13.6	0.9%	
	2028			63,197	1.1%				16.1	0.7%				13.8	0.9%	
	2029			63,594	0.6%				16.2	1.0%				13.9	0.9%	
	2030			64,138	0.9%				16.4	0.9%				14.0	0.9%	
	2031			64,667	0.8%				16.5	0.8%				14.1	0.8%	
	2032			65,321	1.0%				16.6	0.6%				14.2	0.8%	
	2033			65,677	0.5%				16.8	0.9%				14.3	0.8%	
	2034			66,185	0.8%				16.9	0.8%				14.4	0.8%	
	2035			66,697	0.8%				17.0	0.8%				14.6	0.8%	
	2036			67,359	1.0%				17.1	0.6%				14.7	0.8%	
	2037			67,701	0.5%				17.3	0.9%				14.8	0.7%	
	2038			68,195	0.7%				17.4	0.7%				14.9	0.7%	
	2039			68,690	0.7%				17.5	0.7%				15.0	0.7%	
	2040			69,343	1.0%				17.6	0.6%				15.1	0.7%	
CAGR [3]	2011-2020		9.2%		9.5%			4.7%		7.4%			9.5%		9.1%	
	2021-2030				1.2%					1.2%					1.1%	
	2031-2040				0.8%					0.7%					0.8%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Bushnell

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	25,311	-	25,311	-	7.2	5.9	7.2	5.9	7.0	5.2	7.0	5.2
	2012	23,675	-6.5%	23,675	-6.5%	6.3	5.6	6.3	5.6	5.5	4.8	5.5	4.8
	2013	23,262	-1.7%	23,262	-1.7%	5.8	5.9	5.8	5.9	5.8	5.0	5.8	5.0
	2014	23,792	2.3%	23,792	2.3%	6.3	5.8	6.3	5.8	6.3	5.4	6.3	5.4
	2015	24,259	2.0%	24,259	2.0%	6.7	5.8	6.7	5.8	6.7	5.6	6.7	5.6
	2016	24,927	2.8%	24,927	2.8%	6.0	6.1	6.0	6.1	5.1	5.6	5.1	5.6
	2017	24,334	-2.4%	24,334	-2.4%	5.2	6.1	5.2	6.1	4.1	6.1	4.1	6.1
	2018	25,430	4.5%	25,430	4.5%	6.8	5.9	6.8	5.9	6.5	5.7	6.5	5.7
	2019	25,623	0.8%	25,623	0.8%	5.3	5.9	5.3	5.9	4.6	5.8	4.6	5.8
	2020	55,936	118.3%	58,551	128.5%	12.2	11.8	16.2	13.2	10.5	11.7	15.9	12.1
Projected	2021	57,820	3.4%	58,897	0.6%	15.0	13.5	16.4	13.3	14.7	12.7	16.1	12.3
	2022	58,890	1.9%	59,456	0.9%	15.3	13.7	16.5	13.4	15.1	12.9	16.2	12.4
	2023	59,717	1.4%	59,971	0.9%	15.5	13.9	16.7	13.5	15.3	13.1	16.4	12.5
	2024	60,712	1.7%	60,612	1.1%	15.7	14.1	16.8	13.6	15.5	13.2	16.5	12.6
	2025	61,319	1.0%	60,941	0.5%	15.9	14.3	16.9	13.7	15.7	13.4	16.6	12.7
	2026	61,942	1.0%	61,428	0.8%	16.1	14.4	17.1	13.8	15.8	13.5	16.8	12.8
	2027	62,504	0.9%	61,907	0.8%	16.2	14.6	17.2	14.0	16.0	13.6	16.9	12.9
	2028	63,197	1.1%	62,551	1.0%	16.4	14.7	17.3	14.1	16.1	13.8	17.0	13.0
	2029	63,594	0.6%	62,874	0.5%	16.5	14.8	17.5	14.2	16.2	13.9	17.2	13.1
	2030	64,138	0.9%	63,361	0.8%	16.7	14.9	17.6	14.3	16.4	14.0	17.3	13.2
	2031	64,667	0.8%	63,848	0.8%	16.8	15.1	17.7	14.4	16.5	14.1	17.4	13.3
	2032	65,321	1.0%	64,498	1.0%	16.9	15.2	17.9	14.5	16.6	14.2	17.5	13.4
	2033	65,677	0.5%	64,819	0.5%	17.1	15.3	18.0	14.6	16.8	14.3	17.7	13.5
	2034	66,185	0.8%	65,312	0.8%	17.2	15.4	18.2	14.7	16.9	14.4	17.8	13.6
	2035	66,697	0.8%	65,810	0.8%	17.3	15.5	18.3	14.8	17.0	14.6	18.0	13.7
	2036	67,359	1.0%	66,483	1.0%	17.4	15.6	18.4	14.9	17.1	14.7	18.1	13.8
	2037	67,701	0.5%	66,808	0.5%	17.6	15.8	18.6	15.1	17.3	14.8	18.2	13.9
	2038	68,195	0.7%	67,303	0.7%	17.7	15.9	18.7	15.2	17.4	14.9	18.4	14.0
	2039	68,690	0.7%	67,796	0.7%	17.9	16.0	18.8	15.3	17.5	15.0	18.5	14.1
	2040	69,343	1.0%			18.0	16.1			17.6	15.1		
CAGR[1]	Historical		9.2%		0.2%	6.1%	8.1%	-3.7%	0.1%	8.4%	11.9%	-2.6%	2.8%
	1st 10 Prj Yrs		1.2%		0.8%	1.2%	1.1%	0.8%	0.8%	1.2%	1.1%	0.8%	0.8%
	2nd 10 Prj Yrs		0.8%		0.8%	0.7%	0.8%	0.8%	0.8%	0.7%	0.8%	0.8%	0.8%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Bushnell

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	25,311	-	24,578	-	-2.9%	7.0	-	6.8	-	-2.8%	5.2	-	5.2		-0.1%
	2012	23,675	-6.5%	24,108	-1.9%	1.8%	5.5	-20.8%	5.6	-18.2%	0.5%	4.8	-8.3%	5.8	11.0%	20.9%
	2013	23,262	-1.7%	23,500	-2.5%	1.0%	5.8	4.2%	5.5	-0.1%	-3.6%	5.0	5.8%	5.3	-8.7%	4.4%
	2014	23,792	2.3%	23,663	0.7%	-0.5%	6.3	10.1%	6.7	21.3%	6.2%	5.4	7.1%	5.3	0.9%	-1.6%
	2015	24,259	2.0%	23,774	0.5%	-2.0%	6.7	5.7%	6.8	0.7%	1.1%	5.6	4.0%	5.1	-3.0%	-8.2%
	2016	24,927	2.8%	24,397	2.6%	-2.1%	5.1	-23.2%	5.9	-13.3%	14.1%	5.6	-0.4%	5.2	0.9%	-7.0%
	2017	24,334	-2.4%	24,721	1.3%	1.6%	4.1	-19.8%	5.4	-8.0%	30.9%	6.1	9.8%	6.2	19.6%	1.3%
	2018	25,430	4.5%	25,351	2.5%	-0.3%	6.5	58.6%	7.2	33.5%	10.2%	5.7	-7.3%	5.9	-5.5%	3.3%
	2019	25,623	0.8%	25,174	-0.7%	-1.8%	4.6	-29.9%	6.0	-17.2%	30.1%	5.8	1.8%	5.6	-5.3%	-3.9%
	2020	55,936	118.3%	54,686	117.2%	-2.2%	10.5	129.1%	12.9	115.5%	22.4%	11.7	102.3%	11.3	103.4%	-3.4%
Projected	2021	57,699	3.2%	57,699	5.5%		14.7	40.2%	14.7	14.6%		12.6	8.1%	12.6	11.9%	
	2022			58,727	1.8%				15.1	2.3%				12.8	1.5%	
	2023			59,512	1.3%				15.3	1.3%				13.0	1.3%	
	2024			60,458	1.6%				15.5	1.2%				13.2	1.3%	
	2025			61,012	0.9%				15.7	1.4%				13.3	1.1%	
	2026			61,558	0.9%				15.8	1.0%				13.4	0.8%	
	2027			62,038	0.8%				16.0	0.9%				13.5	0.8%	
	2028			62,640	1.0%				16.1	0.7%				13.6	0.7%	
	2029			62,945	0.5%				16.2	1.0%				13.7	0.7%	
	2030			63,391	0.7%				16.4	0.9%				13.8	0.7%	
	2031			63,857	0.7%				16.5	0.8%				13.9	0.7%	
	2032			64,445	0.9%				16.6	0.6%				14.0	0.7%	
	2033			64,736	0.5%				16.8	0.9%				14.1	0.7%	
	2034			65,176	0.7%				16.9	0.8%				14.2	0.7%	
	2035			65,616	0.7%				17.0	0.8%				14.3	0.7%	
	2036			66,200	0.9%				17.1	0.6%				14.4	0.6%	
	2037			66,464	0.4%				17.3	0.9%				14.5	0.6%	
	2038			66,874	0.6%				17.4	0.7%				14.6	0.6%	
	2039			67,326	0.7%				17.5	0.7%				14.7	0.7%	
	2040			67,891	0.8%				17.6	0.6%				14.8	0.6%	
CAGR [3]	2011-2020		9.2%		9.3%			4.7%		7.4%			9.5%		9.1%	
	2021-2030				1.1%					1.2%					1.0%	
	2031-2040				0.7%					0.7%					0.6%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Bushnell

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	25,311	-	24,578	-	-2.9%	7.2	-	40.4%	5.9	-	49.0%
	2012	23,675	-6.5%	24,108	-1.9%	1.8%	6.3	-12.1%	43.0%	5.6	-5.8%	48.7%
	2013	23,262	-1.7%	23,500	-2.5%	1.0%	5.8	-8.6%	46.2%	5.9	5.5%	45.3%
	2014	23,792	2.3%	23,663	0.7%	-0.5%	6.3	10.1%	42.9%	5.8	-1.5%	47.0%
	2015	24,259	2.0%	23,774	0.5%	-2.0%	6.7	5.7%	41.4%	5.8	0.4%	47.8%
	2016	24,927	2.8%	24,397	2.6%	-2.1%	6.0	-10.6%	47.5%	6.1	4.5%	47.0%
	2017	24,334	-2.4%	24,721	1.3%	1.6%	5.2	-13.1%	53.4%	6.1	1.1%	45.4%
	2018	25,430	4.5%	25,351	2.5%	-0.3%	6.8	31.1%	42.6%	5.9	-3.5%	49.1%
	2019	25,623	0.8%	25,174	-0.7%	-1.8%	5.3	-22.2%	55.1%	5.9	0.2%	49.4%
	2020	55,936	118.3%	55,814	121.7%	-0.2%	12.2	130.1%	52.3%	11.8	99.7%	54.0%
Projected	2021	57,699	3.2%	57,699	3.4%		15.0	22.9%	43.9%	13.5	14.0%	48.8%
	2022	58,727	1.8%	58,727	1.8%		15.3	2.3%	43.7%	13.7	1.5%	48.9%
	2023	59,512	1.3%	59,512	1.3%		15.5	1.3%	43.7%	13.9	1.3%	48.9%
	2024	60,458	1.6%	60,458	1.6%		15.7	1.2%	43.9%	14.1	1.3%	49.1%
	2025	61,012	0.9%	61,012	0.9%		15.9	1.4%	43.7%	14.2	1.1%	49.0%
	2026	61,558	0.9%	61,558	0.9%		16.1	1.0%	43.6%	14.3	0.8%	49.0%
	2027	62,038	0.8%	62,038	0.8%		16.2	0.9%	43.6%	14.4	0.8%	49.0%
	2028	62,640	1.0%	62,640	1.0%		16.4	0.7%	43.7%	14.6	0.7%	49.1%
	2029	62,945	0.5%	62,945	0.5%		16.5	1.0%	43.5%	14.7	0.7%	49.0%
	2030	63,391	0.7%	63,391	0.7%		16.7	0.9%	43.4%	14.8	0.7%	49.0%
	2031	63,857	0.7%	63,857	0.7%		16.8	0.8%	43.4%	14.9	0.7%	49.0%
	2032	64,445	0.9%	64,445	0.9%		16.9	0.6%	43.5%	15.0	0.7%	49.1%
	2033	64,736	0.5%	64,736	0.5%		17.1	0.9%	43.3%	15.1	0.7%	49.0%
	2034	65,176	0.7%	65,176	0.7%		17.2	0.8%	43.3%	15.2	0.7%	49.0%
	2035	65,616	0.7%	65,616	0.7%		17.3	0.8%	43.2%	15.3	0.7%	49.0%
	2036	66,200	0.9%	66,200	0.9%		17.4	0.6%	43.3%	15.4	0.6%	49.2%
	2037	66,464	0.4%	66,464	0.4%		17.6	0.9%	43.1%	15.5	0.6%	49.0%
	2038	66,874	0.6%	66,874	0.6%		17.7	0.7%	43.1%	15.6	0.6%	49.1%
	2039	67,326	0.7%	67,326	0.7%		17.9	0.7%	43.0%	15.7	0.7%	49.1%
	2040	67,891	0.8%	67,891	0.8%		18.0	0.6%	43.1%	15.8	0.6%	49.2%
CAGR [1]	2011-2020		9.2%		9.5%			6.1%	46.5%		8.1%	48.3%
	2021-2030		1.1%		1.1%			1.2%	43.7%		1.0%	49.0%
	2031-2040		0.7%		0.7%			0.7%	43.2%		0.7%	49.1%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Bushnell

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	2,104	1,714	1,768	1,960	2,189	2,297	2,335	2,562	2,255	1,807	1,652	1,722	24,365	25,311
	2012	1,922	1,731	1,865	1,868	2,206	2,047	2,297	2,369	2,187	1,968	1,680	1,768	23,910	23,675
	2013	1,714	1,651	1,815	1,767	1,934	2,058	2,188	2,476	2,243	2,021	1,636	1,713	23,216	23,262
	2014	2,194	1,689	1,671	1,744	2,097	2,120	2,276	2,446	2,184	1,939	1,699	1,843	23,903	23,792
	2015	1,897	1,777	1,805	2,002	2,241	2,232	2,197	2,398	2,228	1,967	1,809	1,785	24,338	24,259
	2016	1,926	1,797	1,786	1,803	2,149	2,376	2,610	2,550	2,368	1,985	1,630	1,738	24,719	24,927
	2017	1,796	1,594	1,804	1,906	2,267	2,191	2,418	2,669	2,338	2,195	1,693	1,824	24,694	24,334
	2018	2,288	1,739	1,848	1,853	2,163	2,273	2,309	2,652	2,593	2,289	1,834	1,876	25,717	25,430
	2019	2,025	1,687	1,775	1,882	2,370	2,357	2,470	2,612	2,446	3,662	4,028	4,248	31,562	25,623
	2020	4,619	4,403	4,848	4,272	4,678	5,147	5,386	5,494	5,151	5,014	3,882	4,272	57,166	55,936
Projected	2021	5,064	4,171	4,374	4,472	4,820	5,028	5,497	5,670	5,434	5,176	3,889	4,433	58,029	57,699
	2022	5,136	4,240	4,455	4,542	4,899	5,107	5,579	5,755	5,516	5,248	3,945	4,494	58,916	58,727
	2023	5,197	4,293	4,512	4,606	4,966	5,174	5,654	5,832	5,590	5,324	4,002	4,556	59,707	59,512
	2024	5,258	4,488	4,579	4,669	5,037	5,247	5,723	5,908	5,666	5,391	4,055	4,616	60,638	60,458
	2025	5,317	4,399	4,633	4,725	5,095	5,305	5,784	5,969	5,725	5,445	4,094	4,662	61,151	61,012
	2026	5,365	4,439	4,674	4,767	5,140	5,349	5,831	6,019	5,772	5,490	4,126	4,701	61,675	61,558
	2027	5,409	4,476	4,710	4,805	5,180	5,389	5,875	6,063	5,815	5,531	4,156	4,739	62,147	62,038
	2028	5,452	4,655	4,744	4,840	5,218	5,427	5,916	6,107	5,856	5,571	4,185	4,775	62,746	62,640
	2029	5,494	4,546	4,777	4,874	5,255	5,464	5,957	6,149	5,897	5,611	4,213	4,812	63,050	62,945
	2030	5,536	4,581	4,810	4,908	5,292	5,501	5,998	6,191	5,937	5,654	4,244	4,850	63,503	63,391
Projected	2031	5,580	4,617	4,844	4,944	5,331	5,540	6,040	6,235	5,979	5,694	4,273	4,886	63,960	63,857
	2032	5,621	4,798	4,877	4,977	5,367	5,576	6,080	6,277	6,019	5,733	4,301	4,921	64,547	64,445
	2033	5,662	4,684	4,910	5,011	5,404	5,613	6,121	6,319	6,059	5,772	4,329	4,956	64,839	64,736
	2034	5,703	4,718	4,942	5,044	5,440	5,650	6,161	6,361	6,099	5,811	4,357	4,992	65,278	65,176
	2035	5,744	4,752	4,975	5,078	5,476	5,687	6,202	6,403	6,140	5,850	4,385	5,027	65,718	65,616
	2036	5,785	4,938	5,007	5,111	5,512	5,723	6,241	6,443	6,178	5,887	4,411	5,062	66,298	66,200
	2037	5,825	4,818	5,037	5,142	5,546	5,757	6,279	6,483	6,216	5,923	4,437	5,095	66,560	66,464
	2038	5,865	4,850	5,068	5,173	5,580	5,791	6,317	6,522	6,253	5,964	4,466	5,131	66,979	66,874
	2039	5,906	4,884	5,101	5,208	5,617	5,830	6,359	6,565	6,295	6,000	4,492	5,165	67,422	67,326
	2040	5,945	5,073	5,131	5,239	5,651	5,863	6,396	6,604	6,332	6,036	4,518	5,198	67,987	67,891

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	8.6%	7.0%	7.3%	8.0%	9.0%	9.4%	9.6%	10.5%	9.3%	7.4%	6.8%	7.1%	100.0%
	2012	8.0%	7.2%	7.8%	7.8%	9.2%	8.6%	9.6%	9.9%	9.1%	8.2%	7.0%	7.4%	100.0%
	2013	7.4%	7.1%	7.8%	7.6%	8.3%	8.9%	9.4%	10.7%	9.7%	8.7%	7.0%	7.4%	100.0%
	2014	9.2%	7.1%	7.0%	7.3%	8.8%	8.9%	9.5%	10.2%	9.1%	8.1%	7.1%	7.7%	100.0%
	2015	7.8%	7.3%	7.4%	8.2%	9.2%	9.2%	9.0%	9.9%	9.2%	8.1%	7.4%	7.3%	100.0%
	2016	7.8%	7.3%	7.2%	7.3%	8.7%	9.6%	10.6%	10.3%	9.6%	8.0%	6.6%	7.0%	100.0%
	2017	7.3%	6.5%	7.3%	7.7%	9.2%	8.9%	9.8%	10.8%	9.5%	8.9%	6.9%	7.4%	100.0%
	2018	8.9%	6.8%	7.2%	7.2%	8.4%	8.8%	9.0%	10.3%	10.1%	8.9%	7.1%	7.3%	100.0%
	2019	6.4%	5.3%	5.6%	6.0%	7.5%	7.5%	7.8%	8.3%	7.8%	11.6%	12.8%	13.5%	100.0%
	2020	8.1%	7.7%	8.5%	7.5%	8.2%	9.0%	9.4%	9.6%	9.0%	8.8%	6.8%	7.5%	100.0%
Projected	2021	8.7%	7.2%	7.5%	7.7%	8.3%	8.7%	9.5%	9.8%	9.4%	8.9%	6.7%	7.6%	100.0%
	2022	8.7%	7.2%	7.6%	7.7%	8.3%	8.7%	9.5%	9.8%	9.4%	8.9%	6.7%	7.6%	100.0%
	2023	8.7%	7.2%	7.6%	7.7%	8.3%	8.7%	9.5%	9.8%	9.4%	8.9%	6.7%	7.6%	100.0%
	2024	8.7%	7.4%	7.6%	7.7%	8.3%	8.7%	9.4%	9.7%	9.3%	8.9%	6.7%	7.6%	100.0%
	2025	8.7%	7.2%	7.6%	7.7%	8.3%	8.7%	9.5%	9.8%	9.4%	8.9%	6.7%	7.6%	100.0%
	2026	8.7%	7.2%	7.6%	7.7%	8.3%	8.7%	9.5%	9.8%	9.4%	8.9%	6.7%	7.6%	100.0%
	2027	8.7%	7.2%	7.6%	7.7%	8.3%	8.7%	9.5%	9.8%	9.4%	8.9%	6.7%	7.6%	100.0%
	2028	8.7%	7.4%	7.6%	7.7%	8.3%	8.6%	9.4%	9.7%	9.3%	8.9%	6.7%	7.6%	100.0%
	2029	8.7%	7.2%	7.6%	7.7%	8.3%	8.7%	9.4%	9.8%	9.4%	8.9%	6.7%	7.6%	100.0%
	2030	8.7%	7.2%	7.6%	7.7%	8.3%	8.7%	9.4%	9.7%	9.3%	8.9%	6.7%	7.6%	100.0%
Avg.	2011-2020	7.9%	6.9%	7.3%	7.5%	8.6%	8.9%	9.4%	10.0%	9.2%	8.7%	7.6%	8.0%	100.0%
	2021-2030	8.7%	7.2%	7.6%	7.7%	8.3%	8.7%	9.5%	9.8%	9.4%	8.9%	6.7%	7.6%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Severe Weather Case

Bushnell

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	6.8	5.7	3.9	5.0	5.3	5.5	5.1	5.9	5.4	4.5	4.1	4.2	7.2	5.9
	2012	6.1	6.3	4.4	4.8	5.2	5.1	5.0	5.6	5.3	5.0	4.3	4.1	6.3	5.6
	2013	4.4	5.5	5.8	4.6	5.1	5.0	5.6	5.9	5.7	5.0	4.4	4.5	5.8	5.9
	2014	6.3	5.3	3.7	4.9	5.1	5.4	5.2	5.8	5.5	5.0	4.9	4.9	6.3	5.8
	2015	5.3	6.7	4.3	4.8	5.6	5.6	5.1	5.8	5.6	5.1	5.1	4.2	6.7	5.8
	2016	6.0	5.7	4.4	4.9	5.2	5.5	5.9	6.1	5.7	5.0	4.2	4.5	6.0	6.1
	2017	5.2	4.2	4.8	5.5	5.6	5.6	5.6	6.1	5.8	5.6	4.1	5.2	5.2	6.1
	2018	6.8	4.6	4.7	4.5	5.4	5.4	5.3	5.7	5.9	5.6	4.8	5.0	6.8	5.9
	2019	5.3	4.4	4.3	4.7	5.9	5.8	5.7	5.9	5.8	11.4	10.3	9.2	5.3	5.9
	2020	12.2	10.5	11.0	10.8	11.1	11.8	11.4	11.8	11.8	9.8	10.5	11.4	12.2	11.8
Projected	2021	15.0	13.2	12.0	10.5	11.8	12.2	11.5	13.5	12.4	11.2	10.8	11.6	15.0	13.5
	2022	15.3	13.5	12.2	10.7	12.0	12.3	11.7	13.7	12.6	11.3	10.9	11.8	15.3	13.7
	2023	15.5	13.7	12.4	10.8	12.2	12.5	11.8	13.9	12.8	11.5	11.0	11.9	15.5	13.9
	2024	15.7	13.9	12.5	11.0	12.3	12.7	12.0	14.1	12.9	11.6	11.2	12.1	15.7	14.1
	2025	15.9	14.1	12.7	11.1	12.5	12.8	12.1	14.2	13.1	11.8	11.3	12.2	15.9	14.2
	2026	16.1	14.2	12.8	11.2	12.6	12.9	12.2	14.3	13.2	11.9	11.4	12.3	16.1	14.3
	2027	16.2	14.3	13.0	11.3	12.7	13.0	12.3	14.4	13.3	12.0	11.5	12.4	16.2	14.4
	2028	16.4	14.4	13.1	11.4	12.8	13.1	12.4	14.6	13.4	12.1	11.6	12.5	16.4	14.6
	2029	16.5	14.6	13.2	11.5	12.9	13.2	12.5	14.7	13.5	12.1	11.7	12.6	16.5	14.7
	2030	16.7	14.7	13.3	11.6	13.0	13.3	12.5	14.8	13.6	12.2	11.8	12.7	16.7	14.8
Projected	2031	16.8	14.8	13.4	11.6	13.1	13.4	12.6	14.9	13.7	12.3	11.9	12.8	16.8	14.9
	2032	16.9	14.9	13.5	11.7	13.2	13.5	12.7	15.0	13.8	12.4	12.0	12.9	16.9	15.0
	2033	17.1	15.1	13.6	11.8	13.3	13.6	12.8	15.1	13.9	12.5	12.1	13.0	17.1	15.1
	2034	17.2	15.2	13.7	11.9	13.4	13.7	12.9	15.2	13.9	12.6	12.2	13.1	17.2	15.2
	2035	17.3	15.3	13.8	12.0	13.4	13.7	13.0	15.3	14.0	12.7	12.2	13.2	17.3	15.3
	2036	17.4	15.4	13.9	12.1	13.5	13.8	13.1	15.4	14.1	12.8	12.3	13.3	17.4	15.4
	2037	17.6	15.5	14.0	12.1	13.6	13.9	13.1	15.5	14.2	12.9	12.4	13.4	17.6	15.5
	2038	17.7	15.6	14.1	12.2	13.7	14.0	13.2	15.6	14.3	13.0	12.5	13.5	17.7	15.6
	2039	17.9	15.8	14.2	12.3	13.8	14.1	13.3	15.7	14.4	13.0	12.6	13.6	17.9	15.7
	2040	18.0	15.9	14.3	12.4	13.9	14.2	13.4	15.8	14.5	13.1	12.7	13.7	18.0	15.8

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	41.7%	44.9%	60.5%	54.4%	55.6%	58.1%	61.2%	58.4%	58.3%	54.5%	56.6%	55.5%	38.9%	47.2%
	2012	42.3%	39.5%	56.7%	53.6%	56.6%	55.8%	62.2%	57.3%	56.8%	53.0%	53.8%	57.6%	43.4%	49.2%
	2013	52.5%	44.9%	42.4%	53.1%	51.4%	56.8%	52.3%	56.8%	54.8%	54.7%	52.1%	51.4%	46.1%	45.2%
	2014	46.6%	47.1%	60.7%	49.5%	55.1%	54.9%	58.7%	56.9%	54.8%	52.2%	48.3%	50.5%	43.1%	47.3%
	2015	48.3%	39.5%	56.9%	58.0%	53.8%	55.4%	57.5%	55.6%	55.3%	52.3%	48.9%	57.6%	41.5%	48.0%
	2016	43.3%	45.5%	54.7%	51.6%	55.2%	59.7%	59.1%	56.6%	58.1%	53.5%	53.4%	52.3%	47.1%	46.6%
	2017	46.4%	56.8%	50.3%	48.5%	54.5%	54.3%	57.6%	58.6%	55.6%	52.4%	56.9%	47.4%	54.2%	46.0%
	2018	45.1%	56.2%	52.4%	57.7%	54.0%	58.9%	58.5%	62.0%	60.9%	55.0%	53.0%	50.5%	43.1%	49.7%
	2019	51.3%	57.3%	55.3%	55.9%	53.8%	56.0%	58.4%	59.6%	58.1%	43.2%	54.3%	62.3%	67.9%	60.8%
	2020	50.8%	60.5%	59.3%	54.8%	56.8%	60.4%	63.6%	62.8%	60.5%	69.0%	51.3%	50.5%	53.4%	55.1%
Projected	2021	45.4%	46.9%	49.2%	59.0%	54.9%	57.4%	64.3%	56.5%	60.8%	62.4%	50.2%	51.2%	44.2%	49.1%
	2022	45.0%	46.6%	48.9%	59.0%	54.9%	57.5%	64.3%	56.5%	60.8%	62.3%	50.3%	51.3%	43.8%	49.1%
	2023	44.9%	46.6%	48.9%	59.0%	54.9%	57.4%	64.3%	56.5%	60.8%	62.3%	50.4%	51.4%	43.9%	49.1%
	2024	44.9%	46.5%	49.1%	59.0%	54.9%	57.5%	64.2%	56.4%	60.8%	62.3%	50.4%	51.3%	44.0%	49.2%
	2025	44.8%	46.5%	49.0%	59.1%	55.0%	57.5%	64.2%	56.4%	60.8%	62.2%	50.4%	51.3%	43.8%	49.1%
	2026	44.8%	46.5%	48.9%	59.1%	55.0%	57.5%	64.2%	56.4%	60.8%	62.2%	50.3%	51.3%	43.7%	49.1%
	2027	44.7%	46.5%	48.9%	59.1%	55.0%	57.5%	64.2%	56.4%	60.8%	62.1%	50.3%	51.3%	43.7%	49.1%
	2028	44.8%	46.3%	48.9%	59.0%	54.9%	57.5%	64.2%	56.4%	60.7%	62.1%	50.2%	51.2%	43.8%	49.2%
	2029	44.7%	46.4%	48.7%	59.0%	54.9%	57.5%	64.2%	56.4%	60.7%	62.1%	50.1%	51.2%	43.5%	49.1%
	2030	44.6%	46.3%	48.6%	59.0%	54.9%	57.5%	64.2%	56.4%	60.7%	62.1%	50.0%	51.2%	43.5%	49.1%
Avg.	2011-2020	46.8%	49.2%	54.9%	53.7%	54.7%	57.0%	58.9%	58.5%	57.3%	54.0%	52.9%	53.6%	47.9%	49.5%
	2021-2030	44.9%	46.5%	48.9%	59.0%	54.9%	57.5%	64.3%	56.4%	60.8%	62.2%	50.3%	51.3%	43.8%	49.1%

FMPA 2021 Load Forecast - Severe Weather Case

Bushnell

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	6.8	5.7	3.0	4.6	4.8	5.4	5.0	5.2	5.3	4.0	3.7	2.8	7.0	5.2
	2012	5.5	6.3	4.0	4.6	4.6	4.7	4.8	5.3	5.1	4.8	2.6	4.1	5.5	4.8
	2013	4.4	5.5	5.8	4.6	4.5	4.6	5.2	5.0	5.3	4.8	4.2	2.8	5.8	5.0
	2014	6.3	5.3	2.6	4.5	4.7	5.0	4.9	5.4	5.5	5.0	4.8	4.9	6.3	5.4
	2015	5.3	6.7	3.9	4.3	5.0	5.6	4.8	5.3	5.1	4.8	5.1	3.4	6.7	5.6
	2016	6.0	5.7	4.1	4.7	5.1	5.2	5.6	5.3	5.2	4.8	4.0	3.2	5.1	5.6
	2017	5.2	3.9	4.1	5.0	5.2	5.4	5.5	6.1	5.8	5.6	4.1	5.2	4.1	6.1
	2018	6.5	4.5	4.2	4.3	5.1	4.9	5.1	5.7	5.9	5.2	4.6	5.0	6.5	5.7
	2019	5.1	4.2	4.3	4.7	5.7	5.8	5.0	5.9	5.4	10.6	10.2	7.2	4.6	5.8
	2020	12.2	10.0	10.5	9.2	10.6	11.7	11.3	11.6	11.8	9.3	9.8	9.7	10.5	11.7
Projected	2021	14.7	13.0	10.7	9.8	11.0	11.7	10.9	12.6	11.9	10.6	10.0	9.9	14.7	12.6
	2022	15.1	13.3	10.9	10.0	11.1	11.8	11.0	12.8	12.1	10.8	10.1	10.0	15.1	12.8
	2023	15.3	13.5	11.0	10.1	11.3	12.0	11.2	13.0	12.3	11.0	10.2	10.2	15.3	13.0
	2024	15.5	13.6	11.2	10.3	11.4	12.1	11.3	13.2	12.4	11.1	10.4	10.3	15.5	13.2
	2025	15.7	13.8	11.3	10.4	11.6	12.3	11.4	13.3	12.6	11.2	10.5	10.4	15.7	13.3
	2026	15.8	14.0	11.4	10.5	11.7	12.4	11.5	13.4	12.7	11.3	10.6	10.5	15.8	13.4
	2027	16.0	14.1	11.5	10.6	11.8	12.5	11.6	13.5	12.8	11.4	10.6	10.6	16.0	13.5
	2028	16.1	14.2	11.6	10.6	11.8	12.6	11.7	13.6	12.8	11.5	10.7	10.7	16.1	13.6
	2029	16.2	14.3	11.7	10.7	11.9	12.6	11.8	13.7	12.9	11.6	10.8	10.8	16.2	13.7
	2030	16.4	14.5	11.8	10.8	12.0	12.7	11.9	13.8	13.0	11.7	10.9	10.9	16.4	13.8
Projected	2031	16.5	14.6	11.9	10.9	12.1	12.8	11.9	13.9	13.1	11.8	11.0	10.9	16.5	13.9
	2032	16.6	14.7	12.0	11.0	12.2	12.9	12.0	14.0	13.2	11.9	11.1	11.0	16.6	14.0
	2033	16.8	14.8	12.1	11.0	12.3	13.0	12.1	14.1	13.3	11.9	11.2	11.1	16.8	14.1
	2034	16.9	14.9	12.2	11.1	12.4	13.1	12.2	14.2	13.4	12.0	11.3	11.2	16.9	14.2
	2035	17.0	15.0	12.3	11.2	12.5	13.2	12.3	14.3	13.5	12.1	11.3	11.3	17.0	14.3
	2036	17.1	15.1	12.4	11.3	12.6	13.2	12.3	14.4	13.6	12.2	11.4	11.4	17.1	14.4
	2037	17.3	15.3	12.5	11.3	12.6	13.3	12.4	14.5	13.6	12.3	11.5	11.5	17.3	14.5
	2038	17.4	15.4	12.6	11.4	12.7	13.4	12.5	14.6	13.7	12.4	11.6	11.5	17.4	14.6
	2039	17.5	15.5	12.7	11.5	12.8	13.5	12.6	14.7	13.8	12.4	11.7	11.6	17.5	14.7
	2040	17.6	15.6	12.8	11.6	12.9	13.6	12.6	14.8	13.9	12.5	11.8	11.7	17.6	14.8

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	99.8%	100.0%	75.2%	92.4%	89.8%	98.3%	98.2%	88.0%	97.8%	90.4%	92.2%	67.3%	97.4%	88.0%
	2012	90.4%	100.0%	91.3%	94.3%	87.9%	93.0%	95.8%	96.1%	95.3%	97.1%	59.9%	100.0%	87.7%	85.7%
	2013	100.0%	100.0%	100.0%	99.0%	89.6%	92.0%	93.1%	85.9%	92.9%	97.5%	95.5%	61.7%	100.0%	85.9%
	2014	100.0%	100.0%	70.1%	92.2%	92.8%	94.1%	93.8%	93.3%	98.8%	100.0%	97.7%	100.0%	100.0%	93.3%
	2015	100.0%	100.0%	91.0%	89.4%	89.0%	100.0%	92.5%	92.0%	90.7%	95.8%	100.0%	80.8%	100.0%	96.7%
	2016	100.0%	100.0%	94.5%	96.4%	98.1%	94.6%	93.9%	87.3%	92.0%	97.3%	95.3%	71.0%	85.9%	92.1%
	2017	100.0%	92.4%	85.6%	91.3%	93.7%	96.4%	97.9%	100.0%	99.6%	100.0%	98.0%	100.0%	79.3%	100.0%
	2018	96.0%	97.6%	87.9%	95.7%	94.8%	92.0%	96.2%	98.8%	100.0%	93.8%	95.4%	100.0%	96.0%	96.1%
	2019	96.4%	96.8%	99.9%	99.5%	96.8%	99.0%	88.4%	100.0%	92.9%	93.4%	98.8%	78.1%	86.5%	97.6%
	2020	100.0%	95.7%	95.7%	84.7%	95.4%	98.9%	99.2%	98.6%	100.0%	95.4%	92.7%	85.2%	86.1%	98.9%
Projected	2021	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.6%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2022	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.6%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2023	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.6%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2024	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.6%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2025	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.6%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2026	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.5%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2027	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.5%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2028	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.5%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2029	98.3%	98.3%	89.1%	93.5%	92.7%	95.8%	94.5%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2030	98.3%	98.3%	89.1%	93.4%	92.7%	95.8%	94.5%	93.7%	95.9%	95.4%	92.7%	85.2%	98.3%	93.7%
	2011-2020	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.9%	94.0%	96.0%	96.1%	92.5%	84.4%	91.9%	93.4%
	2021-2030	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.5%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%

FMPA 2021 Load Forecast - Severe Weather Case - Bushnell

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

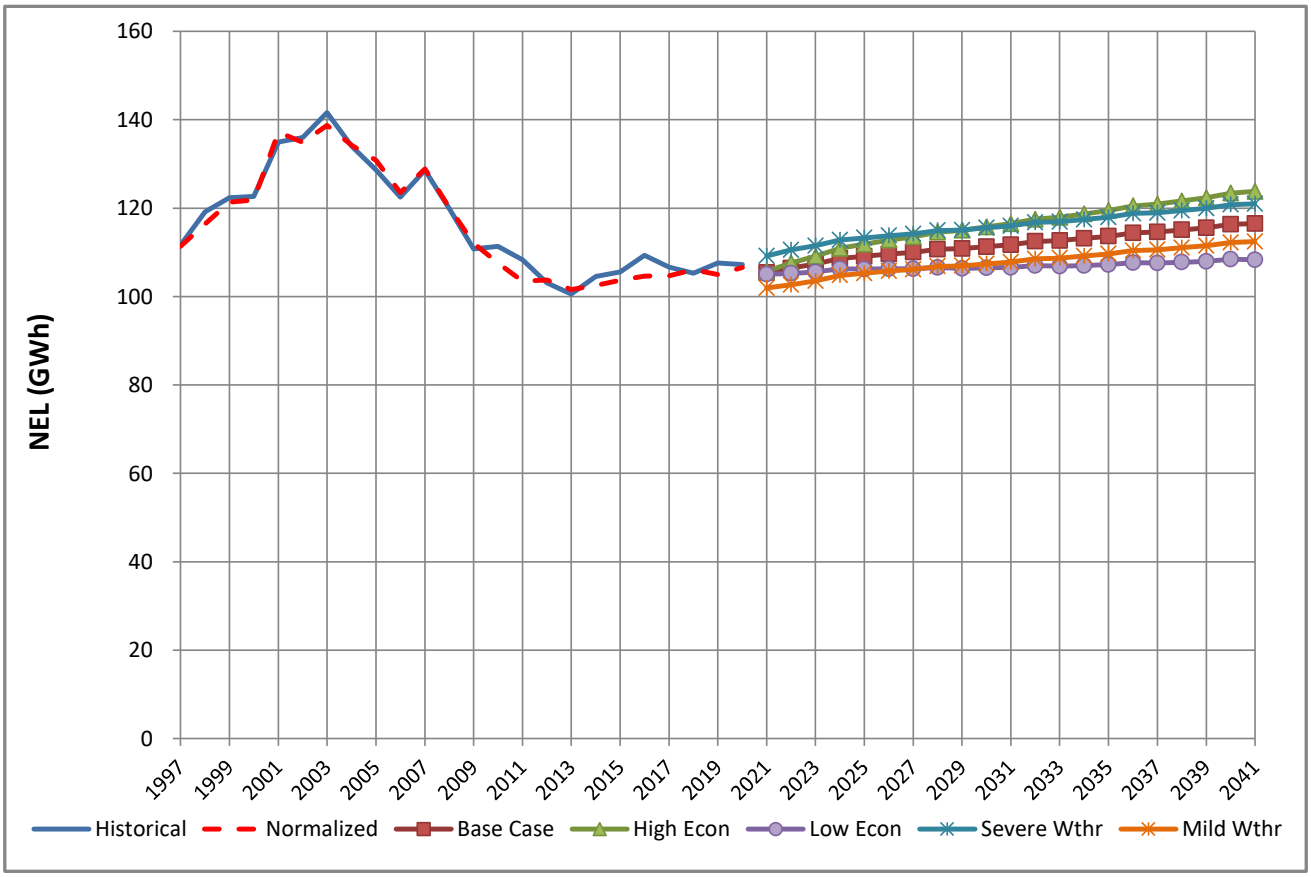
		Residential						General Service						TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	8,480		724		11,707		15,544		279		55.7		24,024		1,287	5.1%	25,311	
	2012	7,723	-8.9%	736	1.6%	10,491	-10.4%	14,907	-4.1%	278	-0.4%	53.6	-3.8%	22,630	-5.8%	1,045	4.4%	23,675	-6.5%
	2013	7,939	2.8%	736	0.0%	10,781	2.8%	14,570	-2.3%	281	0.9%	51.9	-3.2%	22,509	-0.5%	753	3.2%	23,262	-1.7%
	2014	8,149	2.6%	742	0.8%	10,978	1.8%	14,711	1.0%	278	-1.1%	53.0	2.1%	22,860	1.6%	932	3.9%	23,792	2.3%
	2015	8,301	1.9%	751	1.2%	11,048	0.6%	14,792	0.6%	279	0.4%	53.1	0.2%	23,093	1.0%	1,166	4.8%	24,259	2.0%
	2016	8,648	4.2%	755	0.5%	11,448	3.6%	15,376	3.9%	281	0.8%	54.8	3.1%	24,024	4.0%	903	3.6%	24,927	2.8%
	2017	8,211	-5.1%	766	1.4%	10,719	-6.4%	14,987	-2.5%	287	2.0%	52.3	-4.5%	23,198	-3.4%	1,136	4.7%	24,334	-2.4%
	2018	8,735	6.4%	772	0.7%	11,320	5.6%	15,461	3.2%	283	-1.3%	54.7	4.5%	24,196	4.3%	1,234	4.9%	25,430	4.5%
	2019	8,977	2.8%	780	1.1%	11,511	1.7%	15,618	1.0%	283	-0.1%	55.3	1.1%	24,595	1.6%	1,028	4.0%	25,623	0.8%
	2020	12,494	39.2%	1,131	45.0%	11,051	-4.0%	39,914	155.6%	426	50.7%	93.8	69.6%	52,408	113.1%	3,528	6.3%	55,936	118.3%
Projected	2021	13,220	5.8%	1,167	3.2%	11,325	2.5%	41,846	4.8%	441	3.5%	94.9	1.3%	55,067	5.1%	2,753	4.8%	57,820	3.4%
	2022	13,091	-1.0%	1,171	0.3%	11,181	-1.3%	42,984	2.7%	446	1.1%	96.5	1.6%	56,074	1.8%	2,815	4.8%	58,890	1.9%
	2023	13,047	-0.3%	1,176	0.4%	11,095	-0.8%	43,815	1.9%	450	1.0%	97.4	1.0%	56,862	1.4%	2,855	4.8%	59,717	1.4%
	2024	12,954	-0.7%	1,181	0.4%	10,969	-1.1%	44,724	2.1%	454	0.8%	98.6	1.2%	57,678	1.4%	3,034	5.0%	60,712	1.7%
	2025	12,916	-0.3%	1,186	0.4%	10,893	-0.7%	45,473	1.7%	457	0.8%	99.5	0.9%	58,389	1.2%	2,930	4.8%	61,319	1.0%
	2026	12,946	0.2%	1,190	0.4%	10,878	-0.1%	46,036	1.2%	460	0.7%	100.0	0.6%	58,982	1.0%	2,960	4.8%	61,942	1.0%
	2027	13,009	0.5%	1,194	0.4%	10,893	0.1%	46,508	1.0%	463	0.6%	100.4	0.4%	59,518	0.9%	2,987	4.8%	62,504	0.9%
	2028	13,091	0.6%	1,198	0.3%	10,924	0.3%	46,948	0.9%	466	0.6%	100.8	0.4%	60,039	0.9%	3,157	5.0%	63,197	1.1%
	2029	13,183	0.7%	1,202	0.3%	10,964	0.4%	47,373	0.9%	468	0.5%	101.2	0.4%	60,556	0.9%	3,039	4.8%	63,594	0.6%
	2030	13,282	0.8%	1,206	0.3%	11,012	0.4%	47,792	0.9%	470	0.5%	101.6	0.4%	61,074	0.9%	3,065	4.8%	64,138	0.9%
	2031	13,382	0.8%	1,210	0.3%	11,061	0.5%	48,195	0.8%	472	0.4%	102.0	0.4%	61,577	0.8%	3,090	4.8%	64,667	0.8%
	2032	13,481	0.7%	1,213	0.3%	11,114	0.5%	48,577	0.8%	474	0.4%	102.4	0.4%	62,058	0.8%	3,263	5.0%	65,321	1.0%
	2033	13,583	0.8%	1,216	0.3%	11,170	0.5%	48,956	0.8%	476	0.4%	102.8	0.4%	62,539	0.8%	3,138	4.8%	65,677	0.5%
	2034	13,688	0.8%	1,219	0.3%	11,228	0.5%	49,335	0.8%	478	0.4%	103.2	0.4%	63,023	0.8%	3,162	4.8%	66,185	0.8%
	2035	13,796	0.8%	1,222	0.2%	11,288	0.5%	49,714	0.8%	480	0.4%	103.6	0.4%	63,510	0.8%	3,187	4.8%	66,697	0.8%
	2036	13,904	0.8%	1,225	0.2%	11,350	0.5%	50,089	0.8%	481	0.3%	104.1	0.4%	63,993	0.8%	3,365	5.0%	67,359	1.0%
	2037	14,010	0.8%	1,228	0.2%	11,411	0.5%	50,455	0.7%	483	0.3%	104.5	0.4%	64,466	0.7%	3,235	4.8%	67,701	0.5%
	2038	14,116	0.8%	1,231	0.2%	11,471	0.5%	50,821	0.7%	485	0.3%	104.9	0.4%	64,937	0.7%	3,258	4.8%	68,195	0.7%
	2039	14,221	0.7%	1,233	0.2%	11,531	0.5%	51,187	0.7%	486	0.3%	105.3	0.4%	65,408	0.7%	3,282	4.8%	68,690	0.7%
	2040	14,325	0.7%	1,236	0.2%	11,590	0.5%	51,553	0.7%	488	0.3%	105.7	0.4%	65,878	0.7%	3,464	5.0%	69,343	1.0%
CAGR	2011-2020		4.4%		5.1%		-0.6%		11.0%		4.8%		6.0%		9.1%		4.5%		9.2%
	2021-2030		0.1%		0.4%		-0.3%		1.5%		0.7%		0.8%		1.2%		4.8%		1.2%
	2031-2040		0.8%		0.2%		0.5%		0.8%		0.4%		0.4%		0.8%		4.8%		0.8%

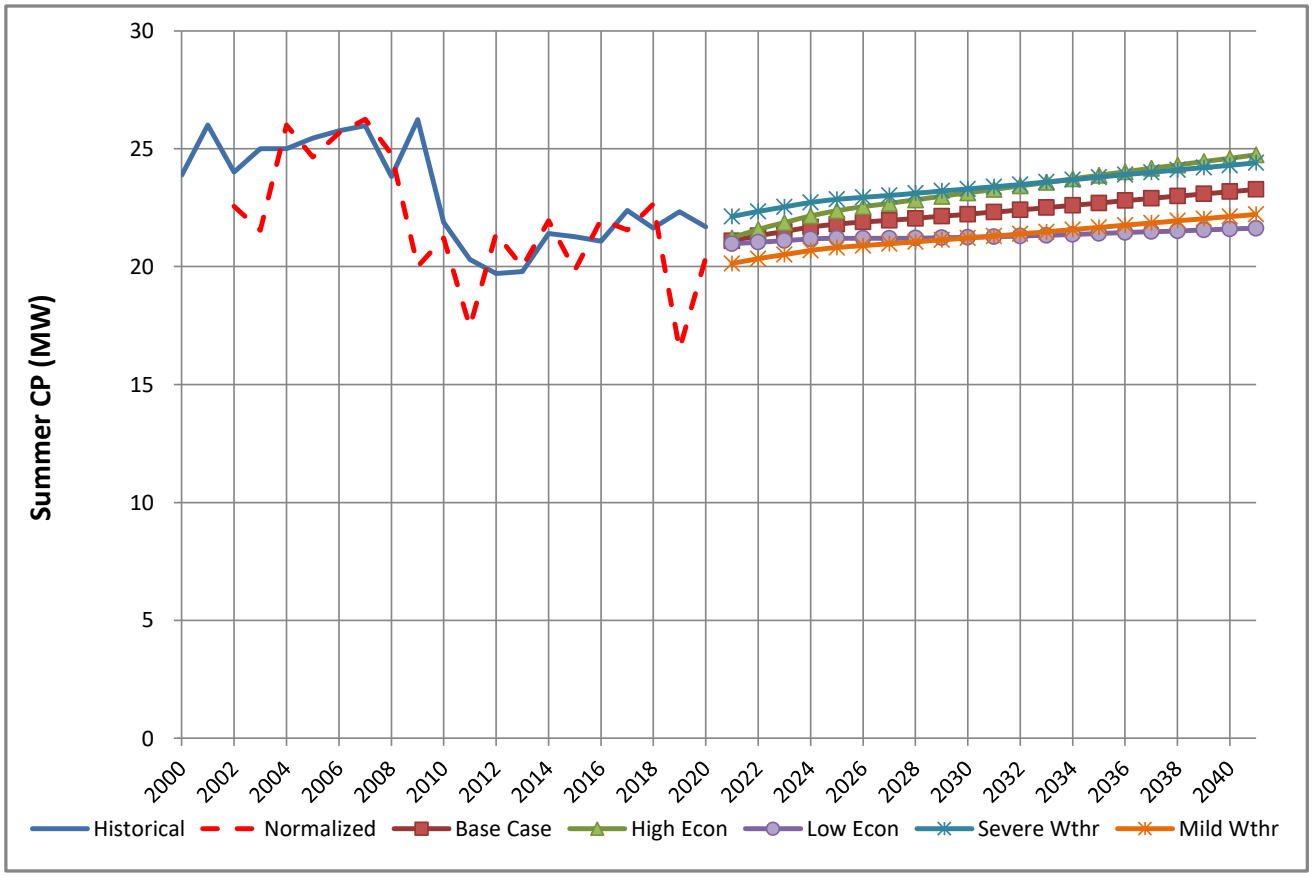
CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast

Clewiston

Historical and Projected NEL and Annual Coincident Peak Demand





FMPA 2021 Load Forecast - Low Economic Case

Clewiston

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	108,348	-	103,480	-	-4.5%	23.5	-	21.1	-	-10.3%	20.3	-	17.7		-12.8%
	2012	103,126	-4.8%	103,723	0.2%	0.6%	19.3	-18.2%	17.5	-17.0%	-9.0%	19.7	-2.9%	21.2	20.1%	7.8%
	2013	100,568	-2.5%	101,550	-2.1%	1.0%	14.9	-22.9%	13.5	-22.7%	-8.8%	19.8	0.4%	19.9	-6.5%	0.4%
	2014	104,563	4.0%	102,546	1.0%	-1.9%	15.9	7.1%	16.8	23.8%	5.5%	21.4	8.2%	21.8	9.7%	1.9%
	2015	105,534	0.9%	103,687	1.1%	-1.8%	26.8	68.6%	15.2	-9.5%	-43.4%	21.3	-0.6%	19.8	-9.0%	-6.7%
	2016	109,324	3.6%	104,651	0.9%	-4.3%	18.8	-29.7%	16.7	9.9%	-11.4%	21.1	-0.9%	22.0	10.8%	4.3%
	2017	106,621	-2.5%	104,700	0.0%	-1.8%	16.7	-11.3%	14.3	-14.4%	-14.4%	22.4	6.2%	21.5	-2.0%	-3.7%
	2018	105,307	-1.2%	106,098	1.3%	0.8%	16.8	0.4%	17.1	19.4%	1.8%	21.6	-3.3%	22.7	5.1%	4.8%
	2019	107,619	2.2%	105,004	-1.0%	-2.4%	17.7	5.3%	17.5	2.7%	-0.6%	22.3	3.2%	16.5	-27.2%	-26.1%
	2020	107,264	-0.3%	106,609	1.5%	-0.6%	18.2	2.9%	16.9	-3.7%	-7.0%	21.7	-2.9%	20.4	23.5%	-6.0%
Projected	2021	105,033	-2.1%	105,033	-1.5%		17.6	-2.8%	17.6	4.5%		21.0	-3.2%	21.0	3.0%	
	2022			105,233	0.2%				17.7	0.5%				21.0	0.3%	
	2023			105,549	0.3%				17.8	0.3%				21.1	0.3%	
	2024			106,262	0.7%				17.9	0.6%				21.2	0.4%	
	2025			106,219	0.0%				17.9	0.2%				21.2	0.1%	
	2026			106,265	0.0%				18.0	0.1%				21.2	0.0%	
	2027			106,266	0.0%				18.0	0.0%				21.2	0.0%	
	2028			106,580	0.3%				18.0	0.2%				21.2	0.0%	
	2029			106,371	-0.2%				18.0	-0.1%				21.2	0.1%	
	2030			106,470	0.1%				18.0	0.1%				21.2	0.1%	
	2031			106,569	0.1%				18.0	0.1%				21.3	0.1%	
	2032			106,980	0.4%				18.0	0.3%				21.3	0.1%	
	2033			106,852	-0.1%				18.0	0.0%				21.3	0.2%	
	2034			107,022	0.2%				18.1	0.1%				21.4	0.2%	
	2035			107,206	0.2%				18.1	0.2%				21.4	0.2%	
	2036			107,684	0.4%				18.2	0.3%				21.4	0.2%	
	2037			107,585	-0.1%				18.2	0.0%				21.5	0.2%	
	2038			107,765	0.2%				18.2	0.2%				21.5	0.2%	
	2039			107,945	0.2%				18.2	0.2%				21.6	0.2%	
	2040			108,415	0.4%				18.3	0.3%				21.6	0.2%	
CAGR [3]	2011-2020		-0.1%		0.3%			-2.8%		-2.5%			0.7%		1.6%	
	2021-2030				0.2%					0.2%					0.1%	
	2031-2040				0.2%					0.2%					0.2%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Clewiston

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	108,348	-	108,348	-	23.7	28.6	23.7	28.6	23.5	20.3	23.5	20.3
	2012	103,126	-4.8%	103,126	-4.8%	20.6	27.3	20.6	27.3	19.3	19.7	19.3	19.7
	2013	100,568	-2.5%	100,568	-2.5%	22.9	24.6	22.9	24.6	14.9	19.8	14.9	19.8
	2014	104,563	4.0%	104,563	4.0%	17.4	26.7	17.4	26.7	15.9	21.4	15.9	21.4
	2015	105,534	0.9%	105,534	0.9%	26.9	26.7	26.9	26.7	26.8	21.3	26.8	21.3
	2016	109,324	3.6%	109,324	3.6%	19.4	25.6	19.4	26.0	18.8	21.1	18.8	21.1
	2017	106,621	-2.5%	106,621	-2.5%	21.3	26.7	21.3	26.7	16.7	22.4	16.7	22.4
	2018	105,307	-1.2%	105,307	-1.2%	16.8	24.8	16.8	24.8	16.8	21.6	16.8	21.6
	2019	107,619	2.2%	107,619	2.2%	27.6	29.4	27.6	29.4	17.7	22.3	17.7	22.3
	2020	107,264	-0.3%	108,121	0.5%	20.6	28.7	21.5	27.6	18.2	21.7	17.6	21.5
Projected	2021	105,033	-2.1%	107,335	-0.7%	20.8	27.3	21.4	27.5	17.6	21.0	17.5	21.4
	2022	105,233	0.2%	107,167	-0.2%	20.9	27.4	21.4	27.5	17.7	21.0	17.5	21.4
	2023	105,549	0.3%	106,970	-0.2%	20.9	27.4	21.3	27.4	17.8	21.1	17.5	21.4
	2024	106,262	0.7%	107,116	0.1%	21.1	27.5	21.3	27.4	17.9	21.2	17.5	21.3
	2025	106,219	0.0%	106,736	-0.4%	21.1	27.6	21.3	27.3	17.9	21.2	17.4	21.3
	2026	106,265	0.0%	106,679	-0.1%	21.1	27.6	21.3	27.3	18.0	21.2	17.4	21.3
	2027	106,266	0.0%	106,624	-0.1%	21.1	27.6	21.3	27.3	18.0	21.2	17.4	21.3
	2028	106,580	0.3%	106,874	0.2%	21.2	27.6	21.3	27.3	18.0	21.2	17.4	21.3
	2029	106,371	-0.2%	106,555	-0.3%	21.1	27.6	21.2	27.3	18.0	21.2	17.4	21.3
	2030	106,470	0.1%	106,538	0.0%	21.2	27.6	21.2	27.3	18.0	21.2	17.4	21.3
	2031	106,569	0.1%	106,535	0.0%	21.2	27.7	21.2	27.3	18.0	21.3	17.4	21.3
	2032	106,980	0.4%	106,855	0.3%	21.2	27.7	21.3	27.3	18.0	21.3	17.4	21.3
	2033	106,852	-0.1%	106,619	-0.2%	21.2	27.7	21.3	27.3	18.0	21.3	17.4	21.3
	2034	107,022	0.2%	106,672	0.0%	21.3	27.8	21.3	27.3	18.1	21.4	17.4	21.3
	2035	107,206	0.2%	106,734	0.1%	21.3	27.8	21.3	27.4	18.1	21.4	17.4	21.3
	2036	107,684	0.4%	107,086	0.3%	21.4	27.9	21.3	27.4	18.2	21.4	17.5	21.3
	2037	107,585	-0.1%	106,858	-0.2%	21.4	27.9	21.3	27.4	18.2	21.5	17.4	21.4
	2038	107,765	0.2%	106,916	0.1%	21.4	28.0	21.3	27.4	18.2	21.5	17.4	21.4
	2039	107,945	0.2%	106,976	0.1%	21.4	28.0	21.3	27.4	18.2	21.6	17.5	21.4
	2040	108,415	0.4%			21.5	28.1			18.3	21.6		
CAGR[1]	Historical		-0.1%		-0.1%	-1.5%	0.0%	1.9%	0.4%	-0.7%	1.2%	-1.2%	1.8%
	1st 10 Prj Yrs		0.2%		-0.2%	0.2%	0.1%	-0.2%	-0.1%	0.2%	0.1%	-0.2%	-0.1%
	2nd 10 Prj Yrs		0.2%		0.0%	0.2%	0.2%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Clewiston

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	108,348	-	103,480	-	-4.5%	23.5	-	21.1	-	-10.3%	20.3	-	17.7		-12.8%
	2012	103,126	-4.8%	103,723	0.2%	0.6%	19.3	-18.2%	17.5	-17.0%	-9.0%	19.7	-2.9%	21.2	20.1%	7.8%
	2013	100,568	-2.5%	101,550	-2.1%	1.0%	14.9	-22.9%	13.5	-22.7%	-8.8%	19.8	0.4%	19.9	-6.5%	0.4%
	2014	104,563	4.0%	102,546	1.0%	-1.9%	15.9	7.1%	16.8	23.8%	5.5%	21.4	8.2%	21.8	9.7%	1.9%
	2015	105,534	0.9%	103,687	1.1%	-1.8%	26.8	68.6%	15.2	-9.5%	-43.4%	21.3	-0.6%	19.8	-9.0%	-6.7%
	2016	109,324	3.6%	104,651	0.9%	-4.3%	18.8	-29.7%	16.7	9.9%	-11.4%	21.1	-0.9%	22.0	10.8%	4.3%
	2017	106,621	-2.5%	104,700	0.0%	-1.8%	16.7	-11.3%	14.3	-14.4%	-14.4%	22.4	6.2%	21.5	-2.0%	-3.7%
	2018	105,307	-1.2%	106,098	1.3%	0.8%	16.8	0.4%	17.1	19.4%	1.8%	21.6	-3.3%	22.7	5.1%	4.8%
	2019	107,619	2.2%	105,004	-1.0%	-2.4%	17.7	5.3%	17.5	2.7%	-0.6%	22.3	3.2%	16.5	-27.2%	-26.1%
	2020	107,264	-0.3%	102,658	-2.2%	-4.3%	18.2	2.9%	16.9	-3.7%	-7.0%	21.7	-2.9%	20.4	23.5%	-6.0%
Projected	2021	104,952	-2.2%	104,952	2.2%		17.6	-2.8%	17.6	4.5%		21.0	-3.3%	21.0	2.9%	
	2022			105,137	0.2%				17.7	0.5%				21.0	0.3%	
	2023			105,438	0.3%				17.8	0.3%				21.1	0.3%	
	2024			106,134	0.7%				17.9	0.6%				21.1	0.3%	
	2025			106,074	-0.1%				17.9	0.2%				21.2	0.1%	
	2026			106,094	0.0%				18.0	0.1%				21.2	0.0%	
	2027			106,069	0.0%				18.0	0.0%				21.2	0.0%	
	2028			106,355	0.3%				18.0	0.2%				21.2	0.0%	
	2029			106,117	-0.2%				18.0	-0.1%				21.2	0.1%	
	2030			106,185	0.1%				18.0	0.1%				21.2	0.1%	
	2031			106,263	0.1%				18.0	0.1%				21.2	0.1%	
	2032			106,653	0.4%				18.0	0.3%				21.2	0.1%	
	2033			106,503	-0.1%				18.0	0.0%				21.2	0.1%	
	2034			106,650	0.1%				18.1	0.1%				21.3	0.1%	
	2035			106,811	0.2%				18.1	0.2%				21.3	0.2%	
	2036			107,264	0.4%				18.2	0.3%				21.3	0.2%	
	2037			107,141	-0.1%				18.2	0.0%				21.4	0.1%	
	2038			107,294	0.1%				18.2	0.2%				21.4	0.1%	
	2039			107,446	0.1%				18.2	0.2%				21.4	0.1%	
	2040			107,887	0.4%				18.3	0.3%				21.5	0.1%	
CAGR [3]	2011-2020		-0.1%		-0.1%			-2.8%		-2.5%			0.7%		1.6%	
	2021-2030				0.1%					0.2%					0.1%	
	2031-2040				0.2%					0.2%					0.1%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Clewiston

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	108,348	-	103,480	-	-4.5%	23.7	-	52.1%	28.6	-	43.2%
	2012	103,126	-4.8%	103,723	0.2%	0.6%	20.6	-13.2%	57.2%	27.3	-4.7%	43.2%
	2013	100,568	-2.5%	101,550	-2.1%	1.0%	22.9	11.2%	50.2%	24.6	-9.8%	46.7%
	2014	104,563	4.0%	102,546	1.0%	-1.9%	17.4	-23.8%	68.4%	26.7	8.6%	44.7%
	2015	105,534	0.9%	103,687	1.1%	-1.8%	26.9	54.2%	44.8%	26.7	-0.1%	45.2%
	2016	109,324	3.6%	104,651	0.9%	-4.3%	19.4	-28.0%	64.4%	25.6	-4.2%	48.8%
	2017	106,621	-2.5%	104,700	0.0%	-1.8%	21.3	10.1%	57.0%	26.7	4.6%	45.5%
	2018	105,307	-1.2%	106,098	1.3%	0.8%	16.8	-21.4%	71.7%	24.8	-7.2%	48.5%
	2019	107,619	2.2%	105,004	-1.0%	-2.4%	27.6	64.4%	44.6%	29.4	18.7%	41.7%
	2020	107,264	-0.3%	106,609	1.5%	-0.6%	20.6	-25.1%	59.3%	28.7	-2.5%	42.7%
Projected	2021	104,952	-2.2%	104,952	-1.6%		20.8	0.6%	57.7%	27.3	-5.0%	43.9%
	2022	105,137	0.2%	105,137	0.2%		20.9	0.5%	57.5%	27.3	0.3%	43.9%
	2023	105,438	0.3%	105,438	0.3%		20.9	0.3%	57.5%	27.4	0.3%	43.9%
	2024	106,134	0.7%	106,134	0.7%		21.1	0.6%	57.5%	27.5	0.3%	44.0%
	2025	106,074	-0.1%	106,074	-0.1%		21.1	0.2%	57.4%	27.5	0.1%	44.0%
	2026	106,094	0.0%	106,094	0.0%		21.1	0.1%	57.3%	27.5	0.0%	44.0%
	2027	106,069	0.0%	106,069	0.0%		21.1	0.0%	57.3%	27.5	0.0%	44.0%
	2028	106,355	0.3%	106,355	0.3%		21.2	0.2%	57.4%	27.5	0.0%	44.1%
	2029	106,117	-0.2%	106,117	-0.2%		21.1	-0.1%	57.3%	27.6	0.1%	44.0%
	2030	106,185	0.1%	106,185	0.1%		21.2	0.1%	57.3%	27.6	0.1%	44.0%
	2031	106,263	0.1%	106,263	0.1%		21.2	0.1%	57.3%	27.6	0.1%	44.0%
	2032	106,653	0.4%	106,653	0.4%		21.2	0.3%	57.3%	27.6	0.1%	44.1%
	2033	106,503	-0.1%	106,503	-0.1%		21.2	0.0%	57.3%	27.7	0.1%	44.0%
	2034	106,650	0.1%	106,650	0.1%		21.3	0.1%	57.3%	27.7	0.1%	43.9%
	2035	106,811	0.2%	106,811	0.2%		21.3	0.2%	57.3%	27.7	0.2%	43.9%
	2036	107,264	0.4%	107,264	0.4%		21.4	0.3%	57.3%	27.8	0.2%	44.1%
	2037	107,141	-0.1%	107,141	-0.1%		21.4	0.0%	57.2%	27.8	0.2%	43.9%
	2038	107,294	0.1%	107,294	0.1%		21.4	0.2%	57.2%	27.9	0.1%	43.9%
	2039	107,446	0.1%	107,446	0.1%		21.4	0.2%	57.2%	27.9	0.1%	43.9%
	2040	107,887	0.4%	107,887	0.4%		21.5	0.3%	57.3%	28.0	0.2%	44.0%
CAGR [1]	2011-2020		-0.1%		0.3%			-1.5%	57.0%		0.0%	45.0%
	2021-2030		0.1%		0.1%			0.2%	57.4%		0.1%	44.0%
	2031-2040		0.2%		0.2%			0.2%	57.3%		0.1%	44.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Clewiston

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	7,296	6,677	7,571	9,167	9,859	11,216	10,356	10,874	10,067	8,665	7,402	7,218	106,370	108,348
	2012	7,301	7,041	7,937	7,930	9,411	10,207	10,120	10,283	9,611	9,241	7,139	7,287	103,508	103,126
	2013	7,044	6,906	6,850	8,208	8,782	9,858	9,339	10,354	9,560	9,495	7,783	7,369	101,548	100,568
	2014	7,247	6,685	7,368	8,276	9,730	10,300	9,964	10,901	9,446	8,946	6,830	7,030	102,722	104,563
	2015	6,786	6,564	8,196	9,089	9,976	11,111	10,390	10,616	10,002	9,611	8,637	8,098	109,074	105,534
	2016	6,839	6,605	7,751	8,245	9,624	10,932	11,352	11,230	10,398	9,632	7,222	7,850	107,682	109,324
	2017	7,274	6,797	7,584	8,437	9,976	10,216	10,609	11,124	9,901	9,545	7,685	7,320	106,467	106,621
	2018	7,195	7,135	7,016	8,325	8,878	10,444	10,382	10,703	10,679	10,111	8,251	7,083	106,202	105,307
	2019	7,149	6,816	7,426	8,408	10,018	10,680	10,412	10,392	10,873	10,015	7,197	6,997	106,383	107,619
	2020	6,853	6,805	8,159	8,740	9,196	10,360	10,788	11,297	10,857	9,730	7,206	7,378	107,369	107,264
Projected	2021	7,100	7,165	7,479	8,000	9,509	10,578	10,076	10,519	10,212	9,553	7,254	7,433	104,878	104,952
	2022	7,127	7,199	7,518	8,020	9,535	10,608	10,100	10,548	10,243	9,576	7,274	7,458	105,206	105,137
	2023	7,145	7,218	7,538	8,046	9,564	10,635	10,129	10,579	10,276	9,615	7,307	7,494	105,545	105,438
	2024	7,172	7,532	7,577	8,076	9,603	10,679	10,155	10,612	10,313	9,641	7,331	7,523	106,213	106,134
	2025	7,194	7,273	7,597	8,095	9,621	10,694	10,165	10,621	10,321	9,648	7,336	7,529	106,092	106,074
	2026	7,197	7,276	7,599	8,096	9,622	10,692	10,163	10,618	10,318	9,645	7,334	7,528	106,089	106,094
	2027	7,195	7,275	7,597	8,095	9,620	10,689	10,160	10,615	10,316	9,644	7,333	7,529	106,068	106,069
	2028	7,196	7,557	7,597	8,095	9,621	10,690	10,161	10,616	10,317	9,646	7,334	7,531	106,360	106,355
	2029	7,198	7,279	7,599	8,098	9,625	10,695	10,166	10,623	10,323	9,652	7,338	7,537	106,133	106,117
	2030	7,204	7,284	7,603	8,104	9,631	10,702	10,172	10,629	10,329	9,659	7,343	7,542	106,201	106,185
Projected	2031	7,209	7,289	7,608	8,109	9,638	10,710	10,180	10,638	10,338	9,667	7,349	7,549	106,284	106,263
	2032	7,216	7,579	7,615	8,118	9,648	10,721	10,191	10,650	10,350	9,678	7,357	7,559	106,681	106,653
	2033	7,225	7,306	7,625	8,128	9,661	10,735	10,204	10,664	10,364	9,690	7,366	7,569	106,535	106,503
	2034	7,235	7,316	7,634	8,139	9,674	10,750	10,218	10,680	10,379	9,703	7,376	7,580	106,685	106,650
	2035	7,246	7,327	7,645	8,151	9,689	10,767	10,234	10,698	10,396	9,718	7,387	7,592	106,850	106,811
	2036	7,258	7,622	7,657	8,164	9,704	10,784	10,250	10,715	10,412	9,733	7,398	7,604	107,302	107,264
	2037	7,269	7,350	7,668	8,176	9,718	10,801	10,265	10,731	10,428	9,747	7,408	7,615	107,176	107,141
	2038	7,280	7,360	7,678	8,187	9,732	10,816	10,279	10,747	10,443	9,760	7,418	7,627	107,328	107,294
	2039	7,291	7,371	7,688	8,199	9,746	10,832	10,294	10,763	10,458	9,774	7,428	7,638	107,481	107,446
	2040	7,302	7,668	7,699	8,210	9,760	10,847	10,308	10,779	10,474	9,788	7,438	7,649	107,922	107,887

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	6.9%	6.3%	7.1%	8.6%	9.3%	10.5%	9.7%	10.2%	9.5%	8.1%	7.0%	6.8%	100.0%
	2012	7.1%	6.8%	7.7%	7.7%	9.1%	9.9%	9.8%	9.9%	9.3%	8.9%	6.9%	7.0%	100.0%
	2013	6.9%	6.8%	6.7%	8.1%	8.6%	9.7%	9.2%	10.2%	9.4%	9.4%	7.7%	7.3%	100.0%
	2014	7.1%	6.5%	7.2%	8.1%	9.5%	10.0%	9.7%	10.6%	9.2%	8.7%	6.6%	6.8%	100.0%
	2015	6.2%	6.0%	7.5%	8.3%	9.1%	10.2%	9.5%	9.7%	9.2%	8.8%	7.9%	7.4%	100.0%
	2016	6.4%	6.1%	7.2%	7.7%	8.9%	10.2%	10.5%	10.4%	9.7%	8.9%	6.7%	7.3%	100.0%
	2017	6.8%	6.4%	7.1%	7.9%	9.4%	9.6%	10.0%	10.4%	9.3%	9.0%	7.2%	6.9%	100.0%
	2018	6.8%	6.7%	6.6%	7.8%	8.4%	9.8%	9.8%	10.1%	10.1%	9.5%	7.8%	6.7%	100.0%
	2019	6.7%	6.4%	7.0%	7.9%	9.4%	10.0%	9.8%	9.8%	10.2%	9.4%	6.8%	6.6%	100.0%
	2020	6.4%	6.3%	7.6%	8.1%	8.6%	9.6%	10.0%	10.5%	10.1%	9.1%	6.7%	6.9%	100.0%
Projected	2021	6.8%	6.8%	7.1%	7.6%	9.1%	10.1%	9.6%	10.0%	9.7%	9.1%	6.9%	7.1%	100.0%
	2022	6.8%	6.8%	7.1%	7.6%	9.1%	10.1%	9.6%	10.0%	9.7%	9.1%	6.9%	7.1%	100.0%
	2023	6.8%	6.8%	7.1%	7.6%	9.1%	10.1%	9.6%	10.0%	9.7%	9.1%	6.9%	7.1%	100.0%
	2024	6.8%	7.1%	7.1%	7.6%	9.0%	10.1%	9.6%	10.0%	9.7%	9.1%	6.9%	7.1%	100.0%
	2025	6.8%	6.9%	7.2%	7.6%	9.1%	10.1%	9.6%	10.0%	9.7%	9.1%	6.9%	7.1%	100.0%
	2026	6.8%	6.9%	7.2%	7.6%	9.1%	10.1%	9.6%	10.0%	9.7%	9.1%	6.9%	7.1%	100.0%
	2027	6.8%	6.9%	7.2%	7.6%	9.1%	10.1%	9.6%	10.0%	9.7%	9.1%	6.9%	7.1%	100.0%
	2028	6.8%	7.1%	7.1%	7.6%	9.0%	10.1%	9.6%	10.0%	9.7%	9.1%	6.9%	7.1%	100.0%
	2029	6.8%	6.9%	7.2%	7.6%	9.1%	10.1%	9.6%	10.0%	9.7%	9.1%	6.9%	7.1%	100.0%
	2030	6.8%	6.9%	7.2%	7.6%	9.1%	10.1%	9.6%	10.0%	9.7%	9.1%	6.9%	7.1%	100.0%
Avg.	2011-2020	6.7%	6.4%	7.2%	8.0%	9.0%	10.0%	9.8%	10.2%	9.6%	9.0%	7.1%	7.0%	100.0%
	2021-2030	6.8%	6.9%	7.2%	7.6%	9.1%	10.1%	9.6%	10.0%	9.7%	9.1%	6.9%	7.1%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Low Economic Case

Clewiston

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	20.1	15.1	17.3	22.0	20.0	24.8	21.0	28.6	20.6	20.8	19.5	15.1	23.7	28.6
	2012	20.6	16.2	18.7	17.4	19.9	24.6	27.3	21.4	20.4	21.4	19.9	15.1	20.6	27.3
	2013	17.4	22.9	14.9	18.0	18.4	24.6	19.6	20.8	19.7	21.3	17.4	16.0	22.9	24.6
	2014	15.9	15.6	17.0	19.5	22.4	23.8	21.1	22.2	26.7	19.6	16.4	14.5	17.4	26.7
	2015	14.4	26.9	17.1	19.7	20.8	26.7	21.4	22.1	21.2	24.4	19.4	16.5	26.9	26.7
	2016	14.8	15.6	17.7	20.4	21.0	25.6	24.2	22.8	25.1	26.0	16.0	16.9	19.4	25.6
	2017	21.3	19.3	16.8	20.0	21.2	25.8	26.7	23.9	22.0	20.2	16.4	16.0	21.3	26.7
	2018	16.8	16.7	16.6	18.8	18.1	24.8	21.7	22.2	23.8	21.1	27.6	16.6	16.8	24.8
	2019	22.5	16.6	16.3	18.7	21.6	26.1	21.7	29.4	26.9	24.1	18.1	15.6	27.6	29.4
	2020	20.6	16.7	18.6	20.9	20.3	25.4	25.4	26.3	28.7	22.7	19.2	16.4	20.6	28.7
Projected	2021	20.8	17.4	16.7	19.6	20.6	27.3	22.6	23.6	25.0	21.6	18.2	16.5	20.8	27.3
	2022	20.9	17.4	16.7	19.7	20.6	27.3	22.7	23.7	25.1	21.6	18.3	16.5	20.9	27.3
	2023	20.9	17.5	16.8	19.8	20.7	27.4	22.8	23.7	25.1	21.7	18.3	16.6	20.9	27.4
	2024	21.1	17.6	16.8	19.8	20.7	27.5	22.8	23.8	25.2	21.8	18.4	16.6	21.1	27.5
	2025	21.1	17.6	16.9	19.8	20.8	27.5	22.9	23.8	25.2	21.8	18.4	16.6	21.1	27.5
	2026	21.1	17.6	16.9	19.8	20.8	27.5	22.9	23.8	25.2	21.8	18.4	16.6	21.1	27.5
	2027	21.1	17.6	16.9	19.8	20.8	27.5	22.9	23.8	25.2	21.8	18.4	16.7	21.1	27.5
	2028	21.2	17.7	16.9	19.8	20.8	27.5	22.9	23.8	25.2	21.8	18.4	16.7	21.2	27.5
	2029	21.1	17.7	16.9	19.9	20.8	27.6	22.9	23.8	25.3	21.8	18.4	16.7	21.1	27.6
	2030	21.2	17.7	16.9	19.9	20.8	27.6	22.9	23.9	25.3	21.8	18.5	16.7	21.2	27.6
Projected	2031	21.2	17.7	16.9	19.9	20.8	27.6	22.9	23.9	25.3	21.8	18.5	16.7	21.2	27.6
	2032	21.2	17.7	16.9	19.9	20.8	27.6	22.9	23.9	25.3	21.9	18.5	16.7	21.2	27.6
	2033	21.2	17.7	17.0	19.9	20.9	27.7	23.0	23.9	25.4	21.9	18.5	16.8	21.2	27.7
	2034	21.3	17.8	17.0	20.0	20.9	27.7	23.0	24.0	25.4	21.9	18.6	16.8	21.3	27.7
	2035	21.3	17.8	17.0	20.0	20.9	27.7	23.0	24.0	25.4	22.0	18.6	16.8	21.3	27.7
	2036	21.4	17.9	17.1	20.0	21.0	27.8	23.1	24.0	25.5	22.0	18.6	16.8	21.4	27.8
	2037	21.4	17.9	17.1	20.1	21.0	27.8	23.1	24.1	25.5	22.0	18.7	16.9	21.4	27.8
	2038	21.4	17.9	17.1	20.1	21.0	27.9	23.1	24.1	25.5	22.1	18.7	16.9	21.4	27.9
	2039	21.4	17.9	17.1	20.1	21.1	27.9	23.2	24.1	25.6	22.1	18.7	16.9	21.4	27.9
	2040	21.5	18.0	17.2	20.2	21.1	28.0	23.2	24.2	25.6	22.1	18.8	16.9	21.5	28.0

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	48.7%	65.8%	58.9%	57.8%	66.2%	62.7%	66.4%	51.1%	67.8%	56.0%	52.7%	64.3%	51.2%	42.4%
	2012	47.7%	62.6%	56.9%	63.4%	63.6%	57.5%	49.9%	64.7%	65.3%	58.1%	49.8%	65.0%	57.4%	43.3%
	2013	54.3%	44.9%	62.0%	63.5%	64.3%	55.7%	64.1%	66.9%	67.5%	60.0%	62.0%	61.9%	50.7%	47.1%
	2014	61.2%	63.8%	58.2%	59.0%	58.3%	60.1%	63.5%	65.9%	49.1%	61.5%	57.8%	65.1%	67.2%	43.9%
	2015	63.4%	36.3%	64.4%	64.2%	64.5%	57.8%	65.4%	64.6%	65.4%	53.0%	61.9%	65.9%	46.3%	46.7%
	2016	62.3%	60.8%	58.8%	56.2%	61.5%	59.4%	63.1%	66.3%	57.6%	49.8%	62.9%	62.4%	63.4%	48.1%
	2017	45.8%	52.5%	60.6%	58.6%	63.1%	55.0%	53.3%	62.6%	62.6%	63.4%	65.2%	61.4%	57.0%	45.4%
	2018	57.7%	63.6%	56.7%	61.6%	65.8%	58.5%	64.4%	64.9%	62.3%	64.5%	41.6%	57.3%	72.3%	48.9%
	2019	42.7%	61.1%	61.1%	62.3%	62.2%	56.9%	64.5%	47.4%	56.2%	55.9%	55.2%	60.2%	44.1%	41.3%
	2020	44.6%	58.6%	58.9%	58.1%	60.8%	56.6%	57.0%	57.7%	52.5%	57.7%	52.2%	60.6%	59.4%	42.7%
Projected	2021	45.9%	61.4%	60.3%	56.6%	62.2%	53.9%	59.8%	59.9%	56.8%	59.6%	55.3%	60.7%	57.6%	43.9%
	2022	45.9%	61.4%	60.4%	56.5%	62.2%	53.9%	59.8%	59.9%	56.8%	59.5%	55.3%	60.7%	57.5%	43.9%
	2023	45.9%	61.4%	60.4%	56.5%	62.2%	53.9%	59.8%	59.9%	56.8%	59.6%	55.4%	60.7%	57.5%	43.9%
	2024	45.7%	61.5%	60.5%	56.6%	62.2%	53.9%	59.7%	59.9%	56.8%	59.6%	55.3%	60.8%	57.5%	44.1%
	2025	45.8%	61.4%	60.6%	56.6%	62.3%	53.9%	59.7%	59.9%	56.8%	59.5%	55.3%	60.8%	57.4%	44.0%
	2026	45.8%	61.4%	60.6%	56.7%	62.3%	53.9%	59.7%	59.9%	56.8%	59.5%	55.3%	60.8%	57.3%	44.0%
	2027	45.8%	61.3%	60.6%	56.7%	62.3%	53.9%	59.7%	59.9%	56.8%	59.5%	55.3%	60.7%	57.3%	44.0%
	2028	45.7%	61.4%	60.5%	56.6%	62.3%	53.9%	59.7%	59.9%	56.8%	59.5%	55.3%	60.8%	57.4%	44.1%
	2029	45.8%	61.3%	60.5%	56.6%	62.3%	53.9%	59.7%	59.9%	56.8%	59.5%	55.3%	60.8%	57.3%	44.0%
	2030	45.8%	61.3%	60.5%	56.6%	62.3%	53.9%	59.7%	59.9%	56.8%	59.5%	55.2%	60.7%	57.3%	44.0%
Avg.	2011-2020	52.8%	57.0%	59.7%	60.5%	63.1%	58.0%	61.2%	61.2%	60.6%	58.0%	56.1%	62.4%	56.9%	45.0%
	2021-2030	45.8%	61.4%	60.5%	56.6%	62.2%	53.9%	59.8%	59.9%	56.8%	59.5%	55.3%	60.7%	57.4%	44.0%

FMPA 2021 Load Forecast - Low Economic Case

Clewiston

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	19.5	12.4	15.9	20.2	18.3	20.9	19.2	20.3	19.1	18.3	16.9	14.2	23.5	20.3
	2012	19.3	15.1	15.5	17.3	18.2	20.8	19.7	20.0	18.2	16.2	12.6	12.0	19.3	19.7
	2013	9.8	13.9	14.9	17.7	18.1	18.8	14.8	19.8	19.2	18.2	17.4	15.0	14.9	19.8
	2014	15.9	11.6	13.6	18.1	19.1	20.0	20.6	21.4	15.6	19.3	10.2	11.6	15.9	21.4
	2015	11.0	26.8	16.7	18.3	20.2	21.3	19.5	19.5	19.9	21.6	18.8	15.5	26.8	21.3
	2016	14.2	15.6	15.6	19.2	20.4	21.4	21.1	22.2	20.6	18.7	14.1	15.6	18.8	21.1
	2017	11.2	15.1	16.7	18.9	20.5	19.9	20.5	22.4	21.6	20.0	16.2	12.7	16.7	22.4
	2018	16.8	15.6	16.6	16.8	17.8	22.7	20.3	21.6	23.8	20.3	17.7	12.7	16.8	21.6
	2019	14.6	16.1	16.3	18.7	20.1	22.3	21.7	15.0	21.5	18.6	18.0	15.2	17.7	22.3
	2020	15.8	15.9	18.2	18.0	19.1	21.7	21.5	21.3	21.7	19.7	17.2	14.4	18.2	21.7
Projected	2021	17.6	16.1	16.2	18.2	19.7	23.1	20.0	21.0	21.8	18.7	16.3	14.5	17.6	21.0
	2022	17.7	16.2	16.2	18.3	19.7	23.1	20.1	21.0	21.9	18.7	16.4	14.5	17.7	21.0
	2023	17.8	16.2	16.3	18.3	19.8	23.2	20.1	21.1	21.9	18.8	16.4	14.6	17.8	21.1
	2024	17.9	16.3	16.3	18.4	19.9	23.3	20.2	21.1	22.0	18.9	16.5	14.6	17.9	21.1
	2025	17.9	16.4	16.4	18.4	19.9	23.3	20.2	21.2	22.0	18.9	16.5	14.6	17.9	21.2
	2026	18.0	16.4	16.4	18.4	19.9	23.3	20.2	21.2	22.0	18.9	16.5	14.6	18.0	21.2
	2027	18.0	16.4	16.4	18.4	19.9	23.3	20.2	21.2	22.0	18.9	16.5	14.7	18.0	21.2
	2028	18.0	16.4	16.4	18.4	19.9	23.3	20.2	21.2	22.0	18.9	16.5	14.6	18.0	21.2
	2029	18.0	16.4	16.4	18.4	19.9	23.3	20.2	21.2	22.0	18.9	16.5	14.6	18.0	21.2
	2030	18.0	16.4	16.4	18.4	19.9	23.3	20.2	21.2	22.1	18.9	16.5	14.7	18.0	21.2
Projected	2031	18.0	16.4	16.4	18.5	19.9	23.3	20.2	21.2	22.1	18.9	16.6	14.7	18.0	21.2
	2032	18.0	16.5	16.4	18.5	20.0	23.4	20.3	21.2	22.1	18.9	16.6	14.7	18.0	21.2
	2033	18.0	16.5	16.5	18.5	20.0	23.4	20.3	21.2	22.1	19.0	16.6	14.7	18.0	21.2
	2034	18.1	16.5	16.5	18.5	20.0	23.4	20.3	21.3	22.2	19.0	16.6	14.7	18.1	21.3
	2035	18.1	16.5	16.5	18.6	20.0	23.5	20.3	21.3	22.2	19.0	16.7	14.8	18.1	21.3
	2036	18.2	16.6	16.5	18.6	20.1	23.5	20.4	21.3	22.2	19.1	16.7	14.8	18.2	21.3
	2037	18.2	16.6	16.6	18.6	20.1	23.5	20.4	21.4	22.3	19.1	16.7	14.8	18.2	21.4
	2038	18.2	16.6	16.6	18.7	20.1	23.6	20.4	21.4	22.3	19.1	16.8	14.8	18.2	21.4
	2039	18.2	16.6	16.6	18.7	20.2	23.6	20.5	21.4	22.3	19.1	16.8	14.9	18.2	21.4
	2040	18.3	16.7	16.7	18.7	20.2	23.6	20.5	21.5	22.4	19.2	16.8	14.9	18.3	21.5

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	96.7%	82.2%	92.1%	91.5%	91.7%	84.2%	91.6%	70.9%	92.5%	87.9%	86.8%	94.1%	99.2%	70.9%
	2012	93.5%	93.2%	82.5%	99.4%	91.3%	84.4%	72.3%	93.6%	89.2%	76.0%	63.4%	79.5%	93.5%	72.3%
	2013	56.1%	60.6%	100.0%	98.4%	98.7%	76.3%	75.7%	95.1%	97.4%	85.6%	100.0%	93.8%	64.9%	80.4%
	2014	100.0%	74.3%	80.3%	92.6%	85.2%	84.0%	97.6%	96.3%	58.5%	98.7%	62.4%	80.3%	91.2%	80.2%
	2015	76.2%	99.7%	97.9%	93.0%	97.0%	79.7%	91.1%	88.1%	93.8%	88.5%	97.3%	94.1%	99.7%	79.7%
	2016	95.9%	100.0%	88.2%	94.3%	97.2%	83.7%	87.1%	97.5%	82.3%	72.1%	88.4%	92.6%	97.3%	82.4%
	2017	52.6%	78.2%	99.3%	94.3%	96.7%	77.2%	76.5%	93.7%	98.3%	99.0%	99.0%	79.4%	78.3%	83.6%
	2018	100.0%	93.5%	100.0%	89.4%	98.2%	91.3%	93.8%	97.6%	100.0%	96.5%	64.0%	76.3%	100.0%	87.2%
	2019	64.7%	97.1%	100.0%	100.0%	92.8%	85.6%	100.0%	51.0%	80.1%	77.1%	99.3%	96.9%	64.0%	75.8%
	2020	76.5%	95.5%	97.6%	86.0%	94.1%	85.2%	84.4%	81.1%	75.7%	86.6%	89.6%	87.8%	88.0%	75.5%
Projected	2021	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.4%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.9%
	2022	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.9%
	2023	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.9%
	2024	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2025	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2026	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2027	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2028	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2029	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2030	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2011-2020	81.2%	87.4%	93.8%	93.9%	94.3%	83.2%	87.0%	86.5%	86.8%	86.8%	85.0%	87.5%	87.6%	78.8%
	2021-2030	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%

FMPA 2021 Load Forecast - Low Economic Case - Clewiston

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service Non-Demand						General Service Demand						US Sugar		Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	49,594		3,325		14,917		10,409		515		20.2		36,128		119		304		3,487		512		100,130		8,218	7.6%	108,348	
	2012	47,531	-4.2%	3,335	0.3%	14,254	-4.4%	9,174	-11.9%	503	-2.3%	18.2	-9.8%	37,195	3.0%	122	2.8%	304	0.1%	1,825	-47.7%	402	-21.5%	96,127	-4.0%	6,999	6.8%	103,126	-4.8%
	2013	45,414	-4.5%	3,351	0.5%	13,552	-4.9%	7,837	-14.6%	499	-0.8%	15.7	-13.9%	36,033	-3.1%	127	3.6%	284	-6.5%	2,582	41.5%	387	-3.9%	92,253	-4.0%	8,315	8.3%	100,568	-2.5%
	2014	48,637	7.1%	3,384	1.0%	14,371	6.0%	8,527	8.8%	487	-2.4%	17.5	11.5%	37,352	3.7%	129	1.6%	290	2.0%	2,720	5.3%	412	6.7%	97,648	5.8%	6,915	6.6%	104,563	4.0%
	2015	50,179	3.2%	3,430	1.3%	14,632	1.8%	8,746	2.6%	474	-2.8%	18.5	5.5%	37,752	1.1%	130	1.0%	290	0.0%	1,676	-38.4%	381	-7.5%	98,734	1.1%	6,800	6.4%	105,534	0.9%
	2016	51,631	2.9%	3,432	0.1%	15,043	2.8%	8,748	0.0%	471	-0.5%	18.6	0.6%	38,682	2.5%	132	1.8%	292	0.7%	2,080	24.1%	406	6.4%	101,547	2.8%	7,777	7.1%	109,324	3.6%
	2017	49,963	-3.2%	3,452	0.6%	14,476	-3.8%	8,953	2.3%	499	5.9%	17.9	-3.4%	37,937	-1.9%	134	1.1%	283	-3.0%	2,023	-2.7%	414	2.0%	99,290	-2.2%	7,331	6.9%	106,621	-2.5%
	2018	50,070	0.2%	3,444	-0.2%	14,540	0.4%	8,979	0.3%	483	-3.2%	18.6	3.6%	37,479	-1.2%	134	-0.2%	281	-1.0%	1,321	-34.7%	385	-6.9%	98,234	-1.1%	7,073	6.7%	105,307	-1.2%
	2019	52,102	4.1%	3,463	0.6%	15,044	3.5%	9,277	3.3%	475	-1.7%	19.5	5.1%	37,802	0.9%	133	-0.4%	284	1.3%	1,162	-12.0%	383	-0.5%	100,726	2.5%	6,893	6.4%	107,619	2.2%
	2020	53,497	2.7%	3,536	2.1%	15,130	0.6%	8,732	-5.9%	492	3.6%	17.7	-9.1%	35,901	-5.0%	136	2.6%	263	-7.5%	860	-26.0%	362	-5.6%	99,352	-1.4%	7,911	7.4%	107,264	-0.3%
Projected	2021	52,026	-2.7%	3,538	0.1%	14,706	-2.8%	8,694	-0.4%	500	1.5%	17.4	-1.9%	35,595	-0.9%	138	1.2%	258	-2.0%	1,114	29.6%	362	0.0%	97,792	-1.6%	7,242	6.9%	105,033	-2.1%
	2022	51,782	-0.5%	3,528	-0.3%	14,677	-0.2%	8,626	-0.8%	501	0.2%	17.2	-1.0%	36,088	1.4%	136	-1.6%	266	3.1%	1,114	0.0%	362	0.0%	97,973	0.2%	7,260	6.9%	105,233	0.2%
	2023	51,656	-0.2%	3,527	0.0%	14,644	-0.2%	8,700	0.9%	502	0.2%	17.3	0.7%	36,434	1.0%	136	0.1%	268	0.9%	1,114	0.0%	362	0.0%	98,267	0.3%	7,282	6.9%	105,549	0.3%
	2024	51,486	-0.3%	3,528	0.0%	14,595	-0.3%	8,811	1.3%	502	0.1%	17.5	1.2%	36,896	1.3%	136	0.4%	270	0.9%	1,114	0.0%	362	0.0%	98,669	0.4%	7,593	7.1%	106,262	0.7%
	2025	51,320	-0.3%	3,528	0.0%	14,546	-0.3%	8,907	1.1%	503	0.1%	17.7	1.0%	37,189	0.8%	137	0.5%	271	0.3%	1,114	0.0%	362	0.0%	98,893	0.2%	7,327	6.9%	106,219	0.0%
	2026	51,192	-0.2%	3,528	0.0%	14,508	-0.3%	8,981	0.8%	503	0.1%	17.8	0.7%	37,287	0.3%	138	0.6%	270	-0.4%	1,114	0.0%	362	0.0%	98,936	0.0%	7,329	6.9%	106,265	0.0%
	2027	51,117	-0.1%	3,528	0.0%	14,489	-0.1%	9,045	0.7%	504	0.1%	18.0	0.6%	37,299	0.0%	139	0.7%	268	-0.6%	1,114	0.0%	362	0.0%	98,937	0.0%	7,329	6.9%	106,266	0.0%
	2028	51,104	0.0%	3,528	0.0%	14,486	0.0%	9,108	0.7%	504	0.1%	18.1	0.6%	37,279	-0.1%	140	0.7%	266	-0.8%	1,114	0.0%	362	0.0%	98,967	0.0%	7,613	7.1%	106,580	0.3%
	2029	51,138	0.1%	3,527	0.0%	14,498	0.1%	9,171	0.7%	504	0.1%	18.2	0.6%	37,249	-0.1%	141	0.7%	264	-0.8%	1,114	0.0%	362	0.0%	99,034	0.1%	7,337	6.9%	106,371	-0.2%
	2030	51,191	0.1%	3,526	0.0%	14,517	0.1%	9,239	0.7%	505	0.1%	18.3	0.6%	37,221	-0.1%	142	0.8%	262	-0.9%	1,114	0.0%	362	0.0%	99,126	0.1%	7,344	6.9%	106,470	0.1%
	2031	51,246	0.1%	3,525	0.0%	14,538	0.1%	9,306	0.7%	505	0.1%	18.4	0.6%	37,191	-0.1%	143	0.8%	260	-0.9%	1,114	0.0%	362	0.0%	99,218	0.1%	7,351	6.9%	106,569	0.1%
	2032	51,320	0.1%	3,524	0.0%	14,564	0.2%	9,373	0.7%	506	0.1%	18.5	0.6%	37,168	-0.1%	144	0.8%	257	-0.8%	1,114	0.0%	362	0.0%	99,338	0.1%	7,643	7.1%	106,980	0.4%
	2033	51,416	0.2%	3,522	0.0%	14,598	0.2%	9,441	0.7%	506	0.1%	18.6	0.6%	37,148	-0.1%	146	0.8%	255	-0.8%	1,114	0.0%	362	0.0%	99,482	0.1%	7,371	6.9%	106,852	-0.1%
	2034	51,529	0.2%	3,520	-0.1%	14,638	0.3%	9,513	0.8%	507	0.1%	18.8	0.7%	37,121	-0.1%	147	0.8%	253	-0.9%	1,114	0.0%	362	0.0%	99,639	0.2%	7,383	6.9%	107,022	0.2%
	2035	51,655	0.2%	3,518	-0.1%	14,681	0.3%	9,586	0.8%	507	0.1%	18.9	0.7%	37,093	-0.1%	148	0.8%	251	-0.9%	1,114	0.0%	362	0.0%	99,810	0.2%	7,396	6.9%	107,206	0.2%
	2036	51,786	0.3%	3,517	0.0%	14,725	0.3%	9,657	0.7%	508	0.1%	19.0	0.7%	37,071	-0.1%	149	0.8%	248	-0.9%	1,114	0.0%	362	0.0%	99,990	0.2%	7,693	7.1%	107,684	0.4%
	2037	51,908	0.2%	3,515	-0.1%	14,768	0.3%	9,731	0.8%	508	0.1%	19.2	0.7%	37,048	-0.1%	151	0.8%	246	-0.9%	1,114	0.0%	362	0.0%	100,163	0.2%	7,422	6.9%	107,585	-0.1%
	2038	52,025	0.2%	3,513	-0.1%	14,809	0.3%	9,806	0.8%	509	0.1%	19.3	0.7%	37,023	-0.1%	152	0.9%	244	-0.9%	1,114	0.0%	362	0.0%	100,330	0.2%	7,434	6.9%	107,765	0.2%
	2039	52,136	0.2%	3,511	-0.1%	14,850	0.3%	9,884	0.8%	509	0.1%	19.4	0.7%	37,002	-0.1%	153	0.9%	242	-0.9%	1,114	0.0%	362	0.0%	100,499	0.2%	7,447	6.9%	107,945	0.2%
	2040	52,250	0.2%	3,509	-0.1%	14,890	0.3%	9,961	0.8%	510	0.1%	19.5	0.7%	36,982	-0.1%	154	0.9%	239	-0.9%	1,114	0.0%	362	0.0%	100,669	0.2%	7,746	7.1%	108,415	0.4%
CAGR	2011-2020		0.8%		0.7%		0.2%		-1.9%		-0.5%		-1.4%		-0.1%		1.5%		-1.6%		-14.4%		-3.8%		-0.1%		7.0%		-0.1%
	2021-2030		-0.2%		0.0%		-0.1%		0.7%		0.1%		0.6%		0.5%		0.3%		0.2%		0.0%		0.0%		0.2%		6.9%		0.2%
	2031-2040		0.2%		-0.1%		0.3%		0.8%		0.1%		0.7%		-0.1%		0.8%		-0.9%		0.0%		0.0%		0.2%		7.0%		0.2%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - High Economic Case

Clewiston

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	108,348	-	103,480	-	-4.5%	23.5	-	21.1	-	-10.3%	20.3	-	17.7		-12.8%
	2012	103,126	-4.8%	103,723	0.2%	0.6%	19.3	-18.2%	17.5	-17.0%	-9.0%	19.7	-2.9%	21.2	20.1%	7.8%
	2013	100,568	-2.5%	101,550	-2.1%	1.0%	14.9	-22.9%	13.5	-22.7%	-8.8%	19.8	0.4%	19.9	-6.5%	0.4%
	2014	104,563	4.0%	102,546	1.0%	-1.9%	15.9	7.1%	16.8	23.8%	5.5%	21.4	8.2%	21.8	9.7%	1.9%
	2015	105,534	0.9%	103,687	1.1%	-1.8%	26.8	68.6%	15.2	-9.5%	-43.4%	21.3	-0.6%	19.8	-9.0%	-6.7%
	2016	109,324	3.6%	104,651	0.9%	-4.3%	18.8	-29.7%	16.7	9.9%	-11.4%	21.1	-0.9%	22.0	10.8%	4.3%
	2017	106,621	-2.5%	104,700	0.0%	-1.8%	16.7	-11.3%	14.3	-14.4%	-14.4%	22.4	6.2%	21.5	-2.0%	-3.7%
	2018	105,307	-1.2%	106,098	1.3%	0.8%	16.8	0.4%	17.1	19.4%	1.8%	21.6	-3.3%	22.7	5.1%	4.8%
	2019	107,619	2.2%	105,004	-1.0%	-2.4%	17.7	5.3%	17.5	2.7%	-0.6%	22.3	3.2%	16.5	-27.2%	-26.1%
	2020	107,264	-0.3%	106,609	1.5%	-0.6%	18.2	2.9%	16.9	-3.7%	-7.0%	21.7	-2.9%	20.4	23.5%	-6.0%
Projected	2021	105,712	-1.4%	105,712	-0.8%		17.7	-2.7%	17.7	4.7%		21.2	-2.1%	21.2	4.2%	
	2022			107,612	1.8%				18.1	2.4%				21.6	1.7%	
	2023			109,095	1.4%				18.4	1.4%				21.9	1.3%	
	2024			110,894	1.6%				18.6	1.6%				22.2	1.3%	
	2025			111,846	0.9%				18.9	1.1%				22.4	1.0%	
	2026			112,757	0.8%				19.0	0.9%				22.5	0.7%	
	2027			113,523	0.7%				19.1	0.7%				22.7	0.7%	
	2028			114,564	0.9%				19.3	0.8%				22.8	0.6%	
	2029			115,009	0.4%				19.4	0.5%				23.0	0.7%	
	2030			115,752	0.6%				19.5	0.6%				23.1	0.6%	
	2031			116,480	0.6%				19.6	0.6%				23.3	0.6%	
	2032			117,519	0.9%				19.8	0.8%				23.4	0.6%	
	2033			117,948	0.4%				19.9	0.5%				23.6	0.6%	
	2034			118,698	0.6%				20.0	0.6%				23.7	0.6%	
	2035			119,450	0.6%				20.1	0.6%				23.9	0.6%	
	2036			120,514	0.9%				20.3	0.8%				24.0	0.6%	
	2037			120,928	0.3%				20.4	0.4%				24.2	0.6%	
	2038			121,649	0.6%				20.5	0.6%				24.3	0.6%	
	2039			122,363	0.6%				20.6	0.6%				24.5	0.6%	
	2040			123,398	0.8%				20.8	0.7%				24.6	0.6%	
CAGR [3]	2011-2020		-0.1%		0.3%			-2.8%		-2.5%			0.7%		1.6%	
	2021-2030				1.0%					1.1%					1.0%	
	2031-2040				0.6%					0.6%					0.6%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Clewiston

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	108,348	-	108,348	-	23.7	28.6	23.7	28.6	23.5	20.3	23.5	20.3
	2012	103,126	-4.8%	103,126	-4.8%	20.6	27.3	20.6	27.3	19.3	19.7	19.3	19.7
	2013	100,568	-2.5%	100,568	-2.5%	22.9	24.6	22.9	24.6	14.9	19.8	14.9	19.8
	2014	104,563	4.0%	104,563	4.0%	17.4	26.7	17.4	26.7	15.9	21.4	15.9	21.4
	2015	105,534	0.9%	105,534	0.9%	26.9	26.7	26.9	26.7	26.8	21.3	26.8	21.3
	2016	109,324	3.6%	109,324	3.6%	19.4	25.6	19.4	26.0	18.8	21.1	18.8	21.1
	2017	106,621	-2.5%	106,621	-2.5%	21.3	26.7	21.3	26.7	16.7	22.4	16.7	22.4
	2018	105,307	-1.2%	105,307	-1.2%	16.8	24.8	16.8	24.8	16.8	21.6	16.8	21.6
	2019	107,619	2.2%	107,619	2.2%	27.6	29.4	27.6	29.4	17.7	22.3	17.7	22.3
	2020	107,264	-0.3%	108,873	1.2%	20.6	28.7	21.6	27.9	18.2	21.7	17.7	21.8
Projected	2021	105,712	-1.4%	109,988	1.0%	20.8	27.6	21.9	28.3	17.7	21.2	17.9	22.0
	2022	107,612	1.8%	111,130	1.0%	21.3	28.1	22.1	28.6	18.1	21.6	18.1	22.3
	2023	109,095	1.4%	112,093	0.9%	21.6	28.4	22.3	28.8	18.4	21.9	18.3	22.4
	2024	110,894	1.6%	113,222	1.0%	21.9	28.8	22.5	29.0	18.6	22.2	18.4	22.6
	2025	111,846	0.9%	113,670	0.4%	22.2	29.1	22.6	29.2	18.9	22.4	18.5	22.7
	2026	112,757	0.8%	114,385	0.6%	22.4	29.3	22.8	29.4	19.0	22.5	18.6	22.9
	2027	113,523	0.7%	115,054	0.6%	22.5	29.5	22.9	29.5	19.1	22.7	18.7	23.0
	2028	114,564	0.9%	116,014	0.8%	22.7	29.7	23.1	29.7	19.3	22.8	18.9	23.1
	2029	115,009	0.4%	116,334	0.3%	22.8	29.9	23.2	29.8	19.4	23.0	19.0	23.3
	2030	115,752	0.6%	116,946	0.5%	23.0	30.1	23.3	30.0	19.5	23.1	19.1	23.4
	2031	116,480	0.6%	117,551	0.5%	23.1	30.3	23.4	30.2	19.6	23.3	19.2	23.5
	2032	117,519	0.9%	118,489	0.8%	23.3	30.5	23.6	30.3	19.8	23.4	19.3	23.6
	2033	117,948	0.4%	118,800	0.3%	23.4	30.7	23.7	30.5	19.9	23.6	19.4	23.8
	2034	118,698	0.6%	119,417	0.5%	23.6	30.9	23.8	30.6	20.0	23.7	19.5	23.9
	2035	119,450	0.6%	120,029	0.5%	23.7	31.1	23.9	30.8	20.1	23.9	19.6	24.0
	2036	120,514	0.9%	120,969	0.8%	23.9	31.3	24.1	30.9	20.3	24.0	19.7	24.1
	2037	120,928	0.3%	121,239	0.2%	24.0	31.4	24.1	31.1	20.4	24.2	19.8	24.2
	2038	121,649	0.6%	121,820	0.5%	24.1	31.6	24.3	31.2	20.5	24.3	19.9	24.4
	2039	122,363	0.6%	122,394	0.5%	24.3	31.8	24.4	31.4	20.6	24.5	19.9	24.5
	2040	123,398	0.8%			24.5	32.0			20.8	24.6		
CAGR[1]	Historical		-0.1%		-0.1%	-1.5%	0.0%	1.9%	0.4%	-0.7%	1.2%	-1.2%	1.8%
	1st 10 Prj Yrs		1.0%		0.7%	1.1%	1.0%	0.8%	0.7%	1.1%	1.0%	0.8%	0.7%
	2nd 10 Prj Yrs		0.6%		0.5%	0.6%	0.6%	0.5%	0.5%	0.6%	0.6%	0.5%	0.5%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Clewiston

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	108,348	-	103,480	-	-4.5%	23.5	-	21.1	-	-10.3%	20.3	-	17.7		-12.8%
	2012	103,126	-4.8%	103,723	0.2%	0.6%	19.3	-18.2%	17.5	-17.0%	-9.0%	19.7	-2.9%	21.2	20.1%	7.8%
	2013	100,568	-2.5%	101,550	-2.1%	1.0%	14.9	-22.9%	13.5	-22.7%	-8.8%	19.8	0.4%	19.9	-6.5%	0.4%
	2014	104,563	4.0%	102,546	1.0%	-1.9%	15.9	7.1%	16.8	23.8%	5.5%	21.4	8.2%	21.8	9.7%	1.9%
	2015	105,534	0.9%	103,687	1.1%	-1.8%	26.8	68.6%	15.2	-9.5%	-43.4%	21.3	-0.6%	19.8	-9.0%	-6.7%
	2016	109,324	3.6%	104,651	0.9%	-4.3%	18.8	-29.7%	16.7	9.9%	-11.4%	21.1	-0.9%	22.0	10.8%	4.3%
	2017	106,621	-2.5%	104,700	0.0%	-1.8%	16.7	-11.3%	14.3	-14.4%	-14.4%	22.4	6.2%	21.5	-2.0%	-3.7%
	2018	105,307	-1.2%	106,098	1.3%	0.8%	16.8	0.4%	17.1	19.4%	1.8%	21.6	-3.3%	22.7	5.1%	4.8%
	2019	107,619	2.2%	105,004	-1.0%	-2.4%	17.7	5.3%	17.5	2.7%	-0.6%	22.3	3.2%	16.5	-27.2%	-26.1%
	2020	107,264	-0.3%	102,658	-2.2%	-4.3%	18.2	2.9%	16.9	-3.7%	-7.0%	21.7	-2.9%	20.4	23.5%	-6.0%
Projected	2021	105,631	-1.5%	105,631	2.9%		17.7	-2.7%	17.7	4.7%		21.2	-2.2%	21.2	4.1%	
	2022			107,516	1.8%				18.1	2.4%				21.6	1.7%	
	2023			108,984	1.4%				18.4	1.4%				21.8	1.3%	
	2024			110,766	1.6%				18.6	1.6%				22.1	1.3%	
	2025			111,700	0.8%				18.9	1.1%				22.3	1.0%	
	2026			112,586	0.8%				19.0	0.9%				22.5	0.7%	
	2027			113,326	0.7%				19.1	0.7%				22.6	0.6%	
	2028			114,338	0.9%				19.3	0.8%				22.8	0.6%	
	2029			114,754	0.4%				19.4	0.5%				22.9	0.6%	
	2030			115,467	0.6%				19.5	0.6%				23.1	0.6%	
	2031			116,174	0.6%				19.6	0.6%				23.2	0.6%	
	2032			117,191	0.9%				19.8	0.8%				23.3	0.6%	
	2033			117,598	0.3%				19.9	0.5%				23.5	0.6%	
	2034			118,327	0.6%				20.0	0.6%				23.6	0.6%	
	2035			119,056	0.6%				20.1	0.6%				23.8	0.6%	
	2036			120,094	0.9%				20.3	0.8%				23.9	0.6%	
	2037			120,484	0.3%				20.4	0.4%				24.1	0.6%	
	2038			121,178	0.6%				20.5	0.6%				24.2	0.6%	
	2039			121,864	0.6%				20.6	0.6%				24.3	0.6%	
	2040			122,870	0.8%				20.8	0.7%				24.5	0.6%	
CAGR [3]	2011-2020		-0.1%		-0.1%			-2.8%		-2.5%			0.7%		1.6%	
	2021-2030				1.0%					1.1%					0.9%	
	2031-2040				0.6%					0.6%					0.6%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Clewiston

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	108,348	-	103,480	-	-4.5%	23.7	-	52.1%	28.6	-	43.2%
	2012	103,126	-4.8%	103,723	0.2%	0.6%	20.6	-13.2%	57.2%	27.3	-4.7%	43.2%
	2013	100,568	-2.5%	101,550	-2.1%	1.0%	22.9	11.2%	50.2%	24.6	-9.8%	46.7%
	2014	104,563	4.0%	102,546	1.0%	-1.9%	17.4	-23.8%	68.4%	26.7	8.6%	44.7%
	2015	105,534	0.9%	103,687	1.1%	-1.8%	26.9	54.2%	44.8%	26.7	-0.1%	45.2%
	2016	109,324	3.6%	104,651	0.9%	-4.3%	19.4	-28.0%	64.4%	25.6	-4.2%	48.8%
	2017	106,621	-2.5%	104,700	0.0%	-1.8%	21.3	10.1%	57.0%	26.7	4.6%	45.5%
	2018	105,307	-1.2%	106,098	1.3%	0.8%	16.8	-21.4%	71.7%	24.8	-7.2%	48.5%
	2019	107,619	2.2%	105,004	-1.0%	-2.4%	27.6	64.4%	44.6%	29.4	18.7%	41.7%
	2020	107,264	-0.3%	106,609	1.5%	-0.6%	20.6	-25.1%	59.3%	28.7	-2.5%	42.7%
Projected	2021	105,631	-1.5%	105,631	-0.9%		20.8	0.8%	58.0%	27.6	-3.9%	43.7%
	2022	107,516	1.8%	107,516	1.8%		21.3	2.4%	57.6%	28.0	1.7%	43.8%
	2023	108,984	1.4%	108,984	1.4%		21.6	1.4%	57.6%	28.4	1.3%	43.8%
	2024	110,766	1.6%	110,766	1.6%		21.9	1.6%	57.6%	28.8	1.3%	43.9%
	2025	111,700	0.8%	111,700	0.8%		22.2	1.1%	57.5%	29.1	1.0%	43.9%
	2026	112,586	0.8%	112,586	0.8%		22.4	0.9%	57.4%	29.3	0.7%	43.9%
	2027	113,326	0.7%	113,326	0.7%		22.5	0.7%	57.4%	29.5	0.6%	43.9%
	2028	114,338	0.9%	114,338	0.9%		22.7	0.8%	57.5%	29.7	0.6%	44.0%
	2029	114,754	0.4%	114,754	0.4%		22.8	0.5%	57.4%	29.8	0.6%	43.9%
	2030	115,467	0.6%	115,467	0.6%		23.0	0.6%	57.4%	30.0	0.6%	43.9%
	2031	116,174	0.6%	116,174	0.6%		23.1	0.6%	57.4%	30.2	0.6%	43.9%
	2032	117,191	0.9%	117,191	0.9%		23.3	0.8%	57.4%	30.4	0.6%	44.0%
	2033	117,598	0.3%	117,598	0.3%		23.4	0.5%	57.4%	30.6	0.6%	43.9%
	2034	118,327	0.6%	118,327	0.6%		23.6	0.6%	57.4%	30.8	0.6%	43.9%
	2035	119,056	0.6%	119,056	0.6%		23.7	0.6%	57.3%	31.0	0.6%	43.9%
	2036	120,094	0.9%	120,094	0.9%		23.9	0.8%	57.4%	31.2	0.6%	44.0%
	2037	120,484	0.3%	120,484	0.3%		24.0	0.4%	57.3%	31.3	0.6%	43.9%
	2038	121,178	0.6%	121,178	0.6%		24.1	0.6%	57.3%	31.5	0.6%	43.9%
	2039	121,864	0.6%	121,864	0.6%		24.3	0.6%	57.3%	31.7	0.6%	43.9%
	2040	122,870	0.8%	122,870	0.8%		24.5	0.7%	57.4%	31.9	0.6%	44.0%
CAGR [1]	2011-2020		-0.1%		0.3%			-1.5%	57.0%		0.0%	45.0%
	2021-2030		1.0%		1.0%			1.1%	57.5%		0.9%	43.9%
	2031-2040		0.6%		0.6%			0.6%	57.4%		0.6%	43.9%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Clewiston

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	7,296	6,677	7,571	9,167	9,859	11,216	10,356	10,874	10,067	8,665	7,402	7,218	106,370	108,348
	2012	7,301	7,041	7,937	7,930	9,411	10,207	10,120	10,283	9,611	9,241	7,139	7,287	103,508	103,126
	2013	7,044	6,906	6,850	8,208	8,782	9,858	9,339	10,354	9,560	9,495	7,783	7,369	101,548	100,568
	2014	7,247	6,685	7,368	8,276	9,730	10,300	9,964	10,901	9,446	8,946	6,830	7,030	102,722	104,563
	2015	6,786	6,564	8,196	9,089	9,976	11,111	10,390	10,616	10,002	9,611	8,637	8,098	109,074	105,534
	2016	6,839	6,605	7,751	8,245	9,624	10,932	11,352	11,230	10,398	9,632	7,222	7,850	107,682	109,324
	2017	7,274	6,797	7,584	8,437	9,976	10,216	10,609	11,124	9,901	9,545	7,685	7,320	106,467	106,621
	2018	7,195	7,135	7,016	8,325	8,878	10,444	10,382	10,703	10,679	10,111	8,251	7,083	106,202	105,307
	2019	7,149	6,816	7,426	8,408	10,018	10,680	10,412	10,392	10,873	10,015	7,197	6,997	106,383	107,619
	2020	6,853	6,805	8,159	8,740	9,196	10,360	10,788	11,297	10,857	9,730	7,206	7,378	107,369	107,264
Projected	2021	7,111	7,187	7,515	8,052	9,584	10,677	10,182	10,651	10,357	9,702	7,383	7,579	105,980	105,631
	2022	7,270	7,350	7,687	8,209	9,765	10,869	10,350	10,827	10,525	9,842	7,491	7,689	107,874	107,516
	2023	7,367	7,448	7,791	8,325	9,898	11,011	10,484	10,971	10,667	9,979	7,599	7,802	109,343	108,984
	2024	7,468	7,847	7,908	8,438	10,035	11,163	10,610	11,110	10,807	10,097	7,695	7,904	111,082	110,766
	2025	7,560	7,646	8,001	8,535	10,144	11,279	10,712	11,218	10,909	10,188	7,765	7,975	111,932	111,700
	2026	7,624	7,709	8,066	8,603	10,223	11,362	10,787	11,298	10,986	10,257	7,818	8,030	112,764	112,586
	2027	7,676	7,760	8,120	8,660	10,289	11,435	10,854	11,370	11,056	10,320	7,867	8,082	113,490	113,326
	2028	7,724	8,111	8,171	8,716	10,354	11,506	10,920	11,441	11,125	10,383	7,916	8,133	114,501	114,338
	2029	7,773	7,858	8,222	8,771	10,420	11,579	10,988	11,514	11,196	10,447	7,965	8,185	114,919	114,754
	2030	7,822	7,907	8,273	8,826	10,485	11,651	11,054	11,585	11,265	10,511	8,014	8,236	115,630	115,467
Projected	2031	7,870	7,956	8,324	8,881	10,549	11,722	11,120	11,657	11,334	10,573	8,062	8,287	116,335	116,174
	2032	7,919	8,313	8,375	8,936	10,614	11,794	11,186	11,729	11,404	10,636	8,111	8,338	117,354	117,191
	2033	7,967	8,053	8,426	8,992	10,679	11,867	11,254	11,802	11,475	10,701	8,161	8,389	117,764	117,598
	2034	8,017	8,102	8,478	9,048	10,745	11,941	11,322	11,876	11,547	10,765	8,211	8,442	118,494	118,327
	2035	8,067	8,152	8,530	9,104	10,812	12,014	11,391	11,950	11,618	10,830	8,261	8,493	119,221	119,056
	2036	8,116	8,518	8,582	9,160	10,877	12,087	11,458	12,023	11,689	10,893	8,310	8,544	120,258	120,094
	2037	8,165	8,249	8,632	9,214	10,942	12,159	11,524	12,094	11,758	10,955	8,357	8,594	120,644	120,484
	2038	8,212	8,297	8,682	9,268	11,005	12,229	11,589	12,164	11,826	11,016	8,405	8,644	121,336	121,178
	2039	8,259	8,344	8,731	9,321	11,067	12,298	11,653	12,234	11,893	11,077	8,451	8,693	122,020	121,864
	2040	8,306	8,715	8,780	9,374	11,129	12,367	11,717	12,303	11,960	11,137	8,498	8,741	123,026	122,870

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	6.9%	6.3%	7.1%	8.6%	9.3%	10.5%	9.7%	10.2%	9.5%	8.1%	7.0%	6.8%	100.0%
	2012	7.1%	6.8%	7.7%	7.7%	9.1%	9.9%	9.8%	9.9%	9.3%	8.9%	6.9%	7.0%	100.0%
	2013	6.9%	6.8%	6.7%	8.1%	8.6%	9.7%	9.2%	10.2%	9.4%	9.4%	7.7%	7.3%	100.0%
	2014	7.1%	6.5%	7.2%	8.1%	9.5%	10.0%	9.7%	10.6%	9.2%	8.7%	6.6%	6.8%	100.0%
	2015	6.2%	6.0%	7.5%	8.3%	9.1%	10.2%	9.5%	9.7%	9.2%	8.8%	7.9%	7.4%	100.0%
	2016	6.4%	6.1%	7.2%	7.7%	8.9%	10.2%	10.5%	10.4%	9.7%	8.9%	6.7%	7.3%	100.0%
	2017	6.8%	6.4%	7.1%	7.9%	9.4%	9.6%	10.0%	10.4%	9.3%	9.0%	7.2%	6.9%	100.0%
	2018	6.8%	6.7%	6.6%	7.8%	8.4%	9.8%	9.8%	10.1%	10.1%	9.5%	7.8%	6.7%	100.0%
	2019	6.7%	6.4%	7.0%	7.9%	9.4%	10.0%	9.8%	9.8%	10.2%	9.4%	6.8%	6.6%	100.0%
	2020	6.4%	6.3%	7.6%	8.1%	8.6%	9.6%	10.0%	10.5%	10.1%	9.1%	6.7%	6.9%	100.0%
Projected	2021	6.7%	6.8%	7.1%	7.6%	9.0%	10.1%	9.6%	10.0%	9.8%	9.2%	7.0%	7.2%	100.0%
	2022	6.7%	6.8%	7.1%	7.6%	9.1%	10.1%	9.6%	10.0%	9.8%	9.1%	6.9%	7.1%	100.0%
	2023	6.7%	6.8%	7.1%	7.6%	9.1%	10.1%	9.6%	10.0%	9.8%	9.1%	7.0%	7.1%	100.0%
	2024	6.7%	7.1%	7.1%	7.6%	9.0%	10.0%	9.6%	10.0%	9.7%	9.1%	6.9%	7.1%	100.0%
	2025	6.8%	6.8%	7.1%	7.6%	9.1%	10.1%	9.6%	10.0%	9.7%	9.1%	6.9%	7.1%	100.0%
	2026	6.8%	6.8%	7.2%	7.6%	9.1%	10.1%	9.6%	10.0%	9.7%	9.1%	6.9%	7.1%	100.0%
	2027	6.8%	6.8%	7.2%	7.6%	9.1%	10.1%	9.6%	10.0%	9.7%	9.1%	6.9%	7.1%	100.0%
	2028	6.7%	7.1%	7.1%	7.6%	9.0%	10.0%	9.5%	10.0%	9.7%	9.1%	6.9%	7.1%	100.0%
	2029	6.8%	6.8%	7.2%	7.6%	9.1%	10.1%	9.6%	10.0%	9.7%	9.1%	6.9%	7.1%	100.0%
	2030	6.8%	6.8%	7.2%	7.6%	9.1%	10.1%	9.6%	10.0%	9.7%	9.1%	6.9%	7.1%	100.0%
Avg.	2011-2020	6.7%	6.4%	7.2%	8.0%	9.0%	10.0%	9.8%	10.2%	9.6%	9.0%	7.1%	7.0%	100.0%
	2021-2030	6.7%	6.9%	7.1%	7.6%	9.1%	10.1%	9.6%	10.0%	9.7%	9.1%	6.9%	7.1%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - High Economic Case

Clewiston

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	20.1	15.1	17.3	22.0	20.0	24.8	21.0	28.6	20.6	20.8	19.5	15.1	23.7	28.6
	2012	20.6	16.2	18.7	17.4	19.9	24.6	27.3	21.4	20.4	21.4	19.9	15.1	20.6	27.3
	2013	17.4	22.9	14.9	18.0	18.4	24.6	19.6	20.8	19.7	21.3	17.4	16.0	22.9	24.6
	2014	15.9	15.6	17.0	19.5	22.4	23.8	21.1	22.2	26.7	19.6	16.4	14.5	17.4	26.7
	2015	14.4	26.9	17.1	19.7	20.8	26.7	21.4	22.1	21.2	24.4	19.4	16.5	26.9	26.7
	2016	14.8	15.6	17.7	20.4	21.0	25.6	24.2	22.8	25.1	26.0	16.0	16.9	19.4	25.6
	2017	21.3	19.3	16.8	20.0	21.2	25.8	26.7	23.9	22.0	20.2	16.4	16.0	21.3	26.7
	2018	16.8	16.7	16.6	18.8	18.1	24.8	21.7	22.2	23.8	21.1	27.6	16.6	16.8	24.8
	2019	22.5	16.6	16.3	18.7	21.6	26.1	21.7	29.4	26.9	24.1	18.1	15.6	27.6	29.4
	2020	20.6	16.7	18.6	20.9	20.3	25.4	25.4	26.3	28.7	22.7	19.2	16.4	20.6	28.7
Projected	2021	20.8	17.4	16.9	19.9	20.8	27.6	22.9	23.9	25.3	21.8	18.4	16.8	20.8	27.6
	2022	21.3	17.8	17.2	20.2	21.1	28.0	23.3	24.3	25.7	22.2	18.8	17.0	21.3	28.0
	2023	21.6	18.0	17.4	20.5	21.4	28.4	23.6	24.6	26.0	22.5	19.0	17.3	21.6	28.4
	2024	21.9	18.3	17.6	20.7	21.7	28.8	23.9	24.9	26.4	22.8	19.2	17.5	21.9	28.8
	2025	22.2	18.5	17.8	20.9	21.9	29.1	24.1	25.2	26.6	23.0	19.4	17.6	22.2	29.1
	2026	22.4	18.7	17.9	21.1	22.1	29.3	24.3	25.3	26.8	23.2	19.6	17.8	22.4	29.3
	2027	22.5	18.8	18.0	21.2	22.2	29.5	24.5	25.5	27.0	23.3	19.7	17.9	22.5	29.5
	2028	22.7	19.0	18.2	21.4	22.4	29.7	24.6	25.7	27.2	23.5	19.8	18.0	22.7	29.7
	2029	22.8	19.1	18.3	21.5	22.5	29.8	24.8	25.8	27.3	23.6	20.0	18.1	22.8	29.8
	2030	23.0	19.2	18.4	21.6	22.6	30.0	24.9	26.0	27.5	23.8	20.1	18.2	23.0	30.0
Projected	2031	23.1	19.3	18.5	21.8	22.8	30.2	25.1	26.1	27.7	23.9	20.2	18.4	23.1	30.2
	2032	23.3	19.5	18.6	21.9	22.9	30.4	25.2	26.3	27.9	24.0	20.4	18.4	23.3	30.4
	2033	23.4	19.6	18.7	22.0	23.1	30.6	25.4	26.5	28.0	24.2	20.5	18.6	23.4	30.6
	2034	23.6	19.7	18.9	22.2	23.2	30.8	25.5	26.6	28.2	24.4	20.6	18.7	23.6	30.8
	2035	23.7	19.8	19.0	22.3	23.4	31.0	25.7	26.8	28.4	24.5	20.7	18.8	23.7	31.0
	2036	23.9	20.0	19.1	22.5	23.5	31.2	25.9	26.9	28.5	24.7	20.9	18.9	23.9	31.2
	2037	24.0	20.0	19.2	22.6	23.6	31.3	26.0	27.1	28.7	24.8	21.0	19.0	24.0	31.3
	2038	24.1	20.2	19.3	22.7	23.8	31.5	26.2	27.3	28.9	24.9	21.1	19.1	24.1	31.5
	2039	24.3	20.3	19.5	22.9	23.9	31.7	26.3	27.4	29.0	25.1	21.3	19.3	24.3	31.7
	2040	24.5	20.4	19.6	23.0	24.0	31.9	26.5	27.6	29.2	25.2	21.4	19.4	24.5	31.9

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	48.7%	65.8%	58.9%	57.8%	66.2%	62.7%	66.4%	51.1%	67.8%	56.0%	52.7%	64.3%	51.2%	43.2%
	2012	47.7%	62.6%	56.9%	63.4%	63.6%	57.5%	49.9%	64.7%	65.3%	58.1%	49.8%	65.0%	57.4%	43.2%
	2013	54.3%	44.9%	62.0%	63.5%	64.3%	55.7%	64.1%	66.9%	67.5%	60.0%	62.0%	61.9%	50.7%	46.7%
	2014	61.2%	63.8%	58.2%	59.0%	58.3%	60.1%	63.5%	65.9%	49.1%	61.5%	57.8%	65.1%	67.2%	44.7%
	2015	63.4%	36.3%	64.4%	64.2%	64.5%	57.8%	65.4%	64.6%	65.4%	53.0%	61.9%	65.9%	46.3%	45.2%
	2016	62.3%	60.8%	58.8%	56.2%	61.5%	59.4%	63.1%	66.3%	57.6%	49.8%	62.9%	62.4%	63.4%	48.8%
	2017	45.8%	52.5%	60.6%	58.6%	63.1%	55.0%	53.3%	62.6%	62.6%	63.4%	65.2%	61.4%	57.0%	45.5%
	2018	57.7%	63.6%	56.7%	61.6%	65.8%	58.5%	64.4%	64.9%	62.3%	64.5%	41.6%	57.3%	72.3%	48.5%
	2019	42.7%	61.1%	61.1%	62.3%	62.2%	56.9%	64.5%	47.4%	56.2%	55.9%	55.2%	60.2%	44.1%	41.7%
	2020	44.6%	58.6%	58.9%	58.1%	60.8%	56.6%	57.0%	57.7%	52.5%	57.7%	52.2%	60.5%	59.4%	42.7%
Projected	2021	45.9%	61.5%	59.9%	56.3%	62.0%	53.8%	59.7%	60.0%	56.9%	59.8%	55.6%	60.7%	58.2%	43.7%
	2022	45.9%	61.5%	60.2%	56.4%	62.1%	53.8%	59.7%	60.0%	56.9%	59.6%	55.5%	60.7%	57.8%	43.8%
	2023	45.8%	61.4%	60.2%	56.5%	62.1%	53.8%	59.7%	60.0%	56.9%	59.7%	55.5%	60.6%	57.8%	43.8%
	2024	45.7%	61.5%	60.3%	56.5%	62.2%	53.9%	59.7%	59.9%	56.9%	59.6%	55.5%	60.8%	57.8%	43.9%
	2025	45.8%	61.4%	60.4%	56.6%	62.2%	53.9%	59.6%	59.9%	56.9%	59.6%	55.5%	60.8%	57.6%	43.9%
	2026	45.8%	61.4%	60.5%	56.6%	62.2%	53.9%	59.6%	59.9%	56.9%	59.5%	55.4%	60.8%	57.5%	43.9%
	2027	45.8%	61.3%	60.5%	56.6%	62.3%	53.9%	59.6%	59.9%	56.9%	59.5%	55.4%	60.7%	57.5%	43.9%
	2028	45.7%	61.4%	60.5%	56.6%	62.3%	53.9%	59.6%	59.9%	56.9%	59.5%	55.4%	60.8%	57.5%	44.0%
	2029	45.8%	61.3%	60.5%	56.6%	62.2%	53.9%	59.6%	59.9%	56.9%	59.5%	55.4%	60.8%	57.5%	43.9%
	2030	45.8%	61.3%	60.4%	56.6%	62.2%	53.9%	59.6%	59.9%	56.9%	59.5%	55.4%	60.8%	57.5%	43.9%
Avg.	2011-2020	52.8%	57.0%	59.7%	60.5%	63.1%	58.0%	61.2%	61.2%	60.6%	58.0%	56.1%	62.4%	56.9%	45.0%
	2021-2030	45.8%	61.4%	60.3%	56.5%	62.2%	53.9%	59.7%	59.9%	56.9%	59.6%	55.5%	60.7%	57.7%	43.9%

FMPA 2021 Load Forecast - High Economic Case

Clewiston

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	19.5	12.4	15.9	20.2	18.3	20.9	19.2	20.3	19.1	18.3	16.9	14.2	23.5	20.3
	2012	19.3	15.1	15.5	17.3	18.2	20.8	19.7	20.0	18.2	16.2	12.6	12.0	19.3	19.7
	2013	9.8	13.9	14.9	17.7	18.1	18.8	14.8	19.8	19.2	18.2	17.4	15.0	14.9	19.8
	2014	15.9	11.6	13.6	18.1	19.1	20.0	20.6	21.4	15.6	19.3	10.2	11.6	15.9	21.4
	2015	11.0	26.8	16.7	18.3	20.2	21.3	19.5	19.5	19.9	21.6	18.8	15.5	26.8	21.3
	2016	14.2	15.6	15.6	19.2	20.4	21.4	21.1	22.2	20.6	18.7	14.1	15.6	18.8	21.1
	2017	11.2	15.1	16.7	18.9	20.5	19.9	20.5	22.4	21.6	20.0	16.2	12.7	16.7	22.4
	2018	16.8	15.6	16.6	16.8	17.8	22.7	20.3	21.6	23.8	20.3	17.7	12.7	16.8	21.6
	2019	14.6	16.1	16.3	18.7	20.1	22.3	21.7	15.0	21.5	18.6	18.0	15.2	17.7	22.3
	2020	15.8	15.9	18.2	18.0	19.1	21.7	21.5	21.3	21.7	19.7	17.2	14.4	18.2	21.7
Projected	2021	17.7	16.1	16.4	18.4	19.9	23.3	20.2	21.2	22.1	18.9	16.5	14.7	17.7	21.2
	2022	18.1	16.5	16.6	18.8	20.2	23.7	20.6	21.6	22.4	19.2	16.8	15.0	18.1	21.6
	2023	18.4	16.8	16.9	19.0	20.5	24.0	20.9	21.8	22.7	19.5	17.0	15.2	18.4	21.8
	2024	18.6	17.0	17.1	19.2	20.8	24.4	21.1	22.1	23.0	19.7	17.2	15.4	18.6	22.1
	2025	18.9	17.2	17.3	19.4	21.0	24.6	21.3	22.3	23.3	19.9	17.4	15.5	18.9	22.3
	2026	19.0	17.4	17.4	19.6	21.1	24.8	21.5	22.5	23.4	20.1	17.5	15.6	19.0	22.5
	2027	19.1	17.5	17.5	19.7	21.3	24.9	21.6	22.6	23.6	20.2	17.7	15.7	19.1	22.6
	2028	19.3	17.6	17.6	19.8	21.4	25.1	21.7	22.8	23.7	20.3	17.8	15.8	19.3	22.8
	2029	19.4	17.7	17.7	20.0	21.5	25.2	21.9	22.9	23.9	20.4	17.9	15.9	19.4	22.9
	2030	19.5	17.8	17.8	20.1	21.7	25.4	22.0	23.1	24.0	20.6	18.0	16.0	19.5	23.1
Projected	2031	19.6	17.9	18.0	20.2	21.8	25.5	22.2	23.2	24.2	20.7	18.1	16.1	19.6	23.2
	2032	19.8	18.1	18.1	20.3	22.0	25.7	22.3	23.3	24.3	20.8	18.2	16.2	19.8	23.3
	2033	19.9	18.2	18.2	20.5	22.1	25.9	22.4	23.5	24.5	21.0	18.3	16.3	19.9	23.5
	2034	20.0	18.3	18.3	20.6	22.2	26.0	22.6	23.6	24.6	21.1	18.5	16.4	20.0	23.6
	2035	20.1	18.4	18.4	20.7	22.4	26.2	22.7	23.8	24.8	21.2	18.6	16.5	20.1	23.8
	2036	20.3	18.5	18.5	20.8	22.5	26.3	22.8	23.9	24.9	21.4	18.7	16.6	20.3	23.9
	2037	20.4	18.6	18.6	21.0	22.6	26.5	23.0	24.1	25.1	21.5	18.8	16.7	20.4	24.1
	2038	20.5	18.7	18.8	21.1	22.8	26.6	23.1	24.2	25.2	21.6	18.9	16.8	20.5	24.2
	2039	20.6	18.8	18.9	21.2	22.9	26.8	23.2	24.3	25.3	21.7	19.0	16.9	20.6	24.3
	2040	20.8	19.0	19.0	21.3	23.0	26.9	23.4	24.5	25.5	21.9	19.1	17.0	20.8	24.5

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	96.7%	82.2%	92.1%	91.5%	91.7%	84.2%	91.6%	70.9%	92.5%	87.9%	86.8%	94.1%	99.2%	70.9%
	2012	93.5%	93.2%	82.5%	99.4%	91.3%	84.4%	72.3%	93.6%	89.2%	76.0%	63.4%	79.5%	93.5%	72.3%
	2013	56.1%	60.6%	100.0%	98.4%	98.7%	76.3%	75.7%	95.1%	97.4%	85.6%	100.0%	93.8%	64.9%	80.4%
	2014	100.0%	74.3%	80.3%	92.6%	85.2%	84.0%	97.6%	96.3%	58.5%	98.7%	62.4%	80.3%	91.2%	80.2%
	2015	76.2%	99.7%	97.9%	93.0%	97.0%	79.7%	91.1%	88.1%	93.8%	88.5%	97.3%	94.1%	99.7%	79.7%
	2016	95.9%	100.0%	88.2%	94.3%	97.2%	83.7%	87.1%	97.5%	82.3%	72.1%	88.4%	92.6%	97.3%	82.4%
	2017	52.6%	78.2%	99.3%	94.3%	96.7%	77.2%	76.5%	93.7%	98.3%	99.0%	99.0%	79.4%	78.3%	83.6%
	2018	100.0%	93.5%	100.0%	89.4%	98.2%	91.3%	93.8%	97.6%	100.0%	96.5%	64.0%	76.3%	100.0%	87.2%
	2019	64.7%	97.1%	100.0%	100.0%	92.8%	85.6%	100.0%	51.0%	80.1%	77.1%	99.3%	96.9%	64.0%	75.8%
	2020	76.5%	95.5%	97.6%	86.0%	94.1%	85.2%	84.4%	81.1%	75.7%	86.6%	89.6%	87.8%	88.0%	75.5%
Projected	2021	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.4%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.9%
	2022	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.9%
	2023	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.9%
	2024	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2025	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2026	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2027	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2028	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2029	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2030	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2011-2020	81.2%	87.4%	93.8%	93.9%	94.3%	83.2%	87.0%	86.5%	86.8%	86.8%	85.0%	87.5%	87.6%	78.8%
	2021-2030	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%

FMPA 2021 Load Forecast - High Economic Case - Clewiston

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service Non-Demand						General Service Demand						US Sugar		Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	49,594		3,325		14,917		10,409		515		20.2		36,128		119		304		3,487		512		100,130		8,218	7.6%	108,348	
	2012	47,531	-4.2%	3,335	0.3%	14,254	-4.4%	9,174	-11.9%	503	-2.3%	18.2	-9.8%	37,195	3.0%	122	2.8%	304	0.1%	1,825	-47.7%	402	-21.5%	96,127	-4.0%	6,999	6.8%	103,126	-4.8%
	2013	45,414	-4.5%	3,351	0.5%	13,552	-4.9%	7,837	-14.6%	499	-0.8%	15.7	-13.9%	36,033	-3.1%	127	3.6%	284	-6.5%	2,582	41.5%	387	-3.9%	92,253	-4.0%	8,315	8.3%	100,568	-2.5%
	2014	48,637	7.1%	3,384	1.0%	14,371	6.0%	8,527	8.8%	487	-2.4%	17.5	11.5%	37,352	3.7%	129	1.6%	290	2.0%	2,720	5.3%	412	6.7%	97,648	5.8%	6,915	6.6%	104,563	4.0%
	2015	50,179	3.2%	3,430	1.3%	14,632	1.8%	8,746	2.6%	474	-2.8%	18.5	5.5%	37,752	1.1%	130	1.0%	290	0.0%	1,676	-38.4%	381	-7.5%	98,734	1.1%	6,800	6.4%	105,534	0.9%
	2016	51,631	2.9%	3,432	0.1%	15,043	2.8%	8,748	0.0%	471	-0.5%	18.6	0.6%	38,682	2.5%	132	1.8%	292	0.7%	2,080	24.1%	406	6.4%	101,547	2.8%	7,777	7.1%	109,324	3.6%
	2017	49,963	-3.2%	3,452	0.6%	14,476	-3.8%	8,953	2.3%	499	5.9%	17.9	-3.4%	37,937	-1.9%	134	1.1%	283	-3.0%	2,023	-2.7%	414	2.0%	99,290	-2.2%	7,331	6.9%	106,621	-2.5%
	2018	50,070	0.2%	3,444	-0.2%	14,540	0.4%	8,979	0.3%	483	-3.2%	18.6	3.6%	37,479	-1.2%	134	-0.2%	281	-1.0%	1,321	-34.7%	385	-6.9%	98,234	-1.1%	7,073	6.7%	105,307	-1.2%
	2019	52,102	4.1%	3,463	0.6%	15,044	3.5%	9,277	3.3%	475	-1.7%	19.5	5.1%	37,802	0.9%	133	-0.4%	284	1.3%	1,162	-12.0%	383	-0.5%	100,726	2.5%	6,893	6.4%	107,619	2.2%
	2020	53,497	2.7%	3,536	2.1%	15,130	0.6%	8,732	-5.9%	492	3.6%	17.7	-9.1%	35,901	-5.0%	136	2.6%	263	-7.5%	860	-26.0%	362	-5.6%	99,352	-1.4%	7,911	7.4%	107,264	-0.3%
Projected	2021	52,231	-2.4%	3,549	0.4%	14,716	-2.7%	8,898	1.9%	501	1.8%	17.8	0.1%	35,806	-0.3%	141	3.7%	253	-3.8%	1,114	29.6%	362	0.0%	98,411	-0.9%	7,300	6.9%	105,712	-1.4%
	2022	52,563	0.6%	3,570	0.6%	14,722	0.0%	9,311	4.7%	505	0.9%	18.4	3.7%	36,826	2.8%	148	4.4%	249	-1.5%	1,114	0.0%	362	0.0%	100,177	1.8%	7,435	6.9%	107,612	1.8%
	2023	52,950	0.7%	3,590	0.5%	14,749	0.2%	9,648	3.6%	508	0.5%	19.0	3.1%	37,486	1.8%	152	3.1%	246	-1.3%	1,114	0.0%	362	0.0%	101,559	1.4%	7,535	6.9%	109,095	1.4%
	2024	53,294	0.7%	3,607	0.5%	14,774	0.2%	9,980	3.4%	510	0.4%	19.6	3.1%	38,210	1.9%	156	2.8%	244	-0.8%	1,114	0.0%	362	0.0%	102,961	1.4%	7,932	7.2%	110,894	1.6%
	2025	53,634	0.6%	3,623	0.4%	14,804	0.2%	10,277	3.0%	512	0.3%	20.1	2.6%	38,736	1.4%	161	2.6%	241	-1.2%	1,114	0.0%	362	0.0%	104,122	1.1%	7,724	6.9%	111,846	0.9%
	2026	53,925	0.5%	3,637	0.4%	14,825	0.1%	10,529	2.5%	513	0.3%	20.5	2.2%	39,041	0.8%	164	2.4%	237	-1.6%	1,114	0.0%	362	0.0%	104,972	0.8%	7,785	6.9%	112,757	0.8%
	2027	54,205	0.5%	3,650	0.4%	14,849	0.2%	10,761	2.2%	514	0.3%	20.9	1.9%	39,242	0.5%	168	2.3%	233	-1.8%	1,114	0.0%	362	0.0%	105,686	0.7%	7,837	6.9%	113,523	0.7%
	2028	54,513	0.6%	3,662	0.3%	14,885	0.2%	10,986	2.1%	516	0.3%	21.3	1.8%	39,397	0.4%	172	2.3%	229	-1.8%	1,114	0.0%	362	0.0%	106,373	0.7%	8,191	7.1%	114,564	0.9%
	2029	54,850	0.6%	3,673	0.3%	14,932	0.3%	11,208	2.0%	517	0.2%	21.7	1.8%	39,534	0.3%	176	2.2%	225	-1.8%	1,114	0.0%	362	0.0%	107,068	0.7%	7,940	6.9%	115,009	0.4%
	2030	55,196	0.6%	3,684	0.3%	14,982	0.3%	11,426	1.9%	518	0.2%	22.0	1.7%	39,662	0.3%	180	2.1%	221	-1.8%	1,114	0.0%	362	0.0%	107,761	0.6%	7,992	6.9%	115,752	0.6%
	2031	55,535	0.6%	3,694	0.3%	15,033	0.3%	11,642	1.9%	519	0.2%	22.4	1.7%	39,785	0.3%	183	2.1%	217	-1.7%	1,114	0.0%	362	0.0%	108,438	0.6%	8,042	6.9%	116,480	0.6%
	2032	55,876	0.6%	3,704	0.3%	15,087	0.4%	11,856	1.8%	521	0.2%	22.8	1.6%	39,908	0.3%	187	2.0%	213	-1.7%	1,114	0.0%	362	0.0%	109,117	0.6%	8,403	7.2%	117,519	0.9%
	2033	56,228	0.6%	3,712	0.2%	15,147	0.4%	12,071	1.8%	522	0.2%	23.1	1.6%	40,028	0.3%	191	2.0%	210	-1.7%	1,114	0.0%	362	0.0%	109,804	0.6%	8,144	6.9%	117,948	0.4%
	2034	56,600	0.7%	3,720	0.2%	15,213	0.4%	12,287	1.8%	523	0.2%	23.5	1.6%	40,139	0.3%	195	2.0%	206	-1.7%	1,114	0.0%	362	0.0%	110,502	0.6%	8,196	6.9%	118,698	0.6%
	2035	56,976	0.7%	3,729	0.2%	15,281	0.4%	12,503	1.8%	524	0.2%	23.9	1.5%	40,246	0.3%	198	1.9%	203	-1.6%	1,114	0.0%	362	0.0%	111,202	0.6%	8,248	6.9%	119,450	0.6%
	2036	57,347	0.7%	3,736	0.2%	15,349	0.4%	12,720	1.7%	525	0.2%	24.2	1.5%	40,353	0.3%	202	1.9%	200	-1.6%	1,114	0.0%	362	0.0%	111,896	0.6%	8,617	7.2%	120,514	0.9%
	2037	57,709	0.6%	3,744	0.2%	15,415	0.4%	12,935	1.7%	526	0.2%	24.6	1.5%	40,457	0.3%	206	1.9%	196	-1.6%	1,114	0.0%	362	0.0%	112,578	0.6%	8,350	6.9%	120,928	0.3%
	2038	58,061	0.6%	3,751	0.2%	15,479	0.4%	13,154	1.7%	527	0.2%	24.9	1.5%	40,558	0.2%	210	1.9%	193	-1.6%	1,114	0.0%	362	0.0%	113,249	0.6%	8,400	6.9%	121,649	0.6%
	2039	58,407	0.6%	3,758	0.2%	15,540	0.4%	13,374	1.7%	528	0.2%	25.3	1.5%	40,656	0.2%	214	1.8%	190	-1.6%	1,114	0.0%	362	0.0%	113,914	0.6%	8,450	6.9%	122,363	0.6%
	2040	58,748	0.6%	3,766	0.2%	15,601	0.4%	13,596	1.7%	529	0.2%	25.7	1.5%	40,753	0.2%	218	1.8%	187	-1.6%	1,114	0.0%	362	0.0%	114,574	0.6%	8,824	7.2%	123,398	0.8%
CAGR	2011-2020		0.8%		0.7%		0.2%		-1.9%		-0.5%		-1.4%		-0.1%		1.5%		-1.6%		-14.4%		-3.8%		-0.1%		7.0%		-0.1%
	2021-2030		0.6%		0.4%		0.2%		2.8%		0.4%		2.4%		1.1%		2.7%		-1.5%		0.0%		0.0%		1.0%		7.0%		1.0%
	2031-2040		0.6%		0.2%		0.4%		1.7%		0.2%		1.5%		0.3%		1.9%		-1.6%		0.0%		0.0%		0.6%		7.0%		0.6%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - Mild Weather Case

Clewiston

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	108,348	-	103,480	-	-4.5%	23.5	-	21.1	-	-10.3%	20.3	-	17.7		-12.8%
	2012	103,126	-4.8%	103,723	0.2%	0.6%	19.3	-18.2%	17.5	-17.0%	-9.0%	19.7	-2.9%	21.2	20.1%	7.8%
	2013	100,568	-2.5%	101,550	-2.1%	1.0%	14.9	-22.9%	13.5	-22.7%	-8.8%	19.8	0.4%	19.9	-6.5%	0.4%
	2014	104,563	4.0%	102,546	1.0%	-1.9%	15.9	7.1%	16.8	23.8%	5.5%	21.4	8.2%	21.8	9.7%	1.9%
	2015	105,534	0.9%	103,687	1.1%	-1.8%	26.8	68.6%	15.2	-9.5%	-43.4%	21.3	-0.6%	19.8	-9.0%	-6.7%
	2016	109,324	3.6%	104,651	0.9%	-4.3%	18.8	-29.7%	16.7	9.9%	-11.4%	21.1	-0.9%	22.0	10.8%	4.3%
	2017	106,621	-2.5%	104,700	0.0%	-1.8%	16.7	-11.3%	14.3	-14.4%	-14.4%	22.4	6.2%	21.5	-2.0%	-3.7%
	2018	105,307	-1.2%	106,098	1.3%	0.8%	16.8	0.4%	17.1	19.4%	1.8%	21.6	-3.3%	22.7	5.1%	4.8%
	2019	107,619	2.2%	105,004	-1.0%	-2.4%	17.7	5.3%	17.5	2.7%	-0.6%	22.3	3.2%	16.5	-27.2%	-26.1%
	2020	107,264	-0.3%	106,609	1.5%	-0.6%	18.2	2.9%	16.9	-3.7%	-7.0%	21.7	-2.9%	20.4	23.5%	-6.0%
Projected	2021	101,943	-5.0%	101,943	-4.4%		16.6	-8.5%	16.6	-1.5%		20.1	-7.1%	20.1	-1.2%	
	2022			102,662	0.7%				16.9	1.6%				20.3	1.0%	
	2023			103,558	0.9%				17.0	0.9%				20.5	0.9%	
	2024			104,796	1.2%				17.2	1.2%				20.7	0.9%	
	2025			105,278	0.5%				17.4	0.7%				20.8	0.6%	
	2026			105,766	0.5%				17.4	0.5%				20.9	0.4%	
	2027			106,159	0.4%				17.5	0.4%				21.0	0.4%	
	2028			106,825	0.6%				17.6	0.5%				21.0	0.4%	
	2029			106,971	0.1%				17.6	0.2%				21.1	0.4%	
	2030			107,400	0.4%				17.7	0.4%				21.2	0.4%	
	2031			107,819	0.4%				17.8	0.4%				21.3	0.4%	
	2032			108,528	0.7%				17.9	0.5%				21.4	0.4%	
	2033			108,709	0.2%				17.9	0.3%				21.5	0.4%	
	2034			109,174	0.4%				18.0	0.4%				21.6	0.4%	
	2035			109,647	0.4%				18.1	0.4%				21.7	0.4%	
	2036			110,400	0.7%				18.2	0.6%				21.8	0.4%	
	2037			110,589	0.2%				18.2	0.3%				21.9	0.4%	
	2038			111,052	0.4%				18.3	0.4%				21.9	0.4%	
	2039			111,505	0.4%				18.4	0.4%				22.0	0.4%	
	2040			112,243	0.7%				18.5	0.5%				22.1	0.4%	
CAGR [3]	2011-2020		-0.1%		0.3%			-2.8%		-2.5%			0.7%		1.6%	
	2021-2030				0.6%					0.7%					0.6%	
	2031-2040				0.4%					0.4%					0.4%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Clewiston

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	108,348	-	108,348	-	23.7	28.6	23.7	28.6	23.5	20.3	23.5	20.3
	2012	103,126	-4.8%	103,126	-4.8%	20.6	27.3	20.6	27.3	19.3	19.7	19.3	19.7
	2013	100,568	-2.5%	100,568	-2.5%	22.9	24.6	22.9	24.6	14.9	19.8	14.9	19.8
	2014	104,563	4.0%	104,563	4.0%	17.4	26.7	17.4	26.7	15.9	21.4	15.9	21.4
	2015	105,534	0.9%	105,534	0.9%	26.9	26.7	26.9	26.7	26.8	21.3	26.8	21.3
	2016	109,324	3.6%	109,324	3.6%	19.4	25.6	19.4	26.0	18.8	21.1	18.8	21.1
	2017	106,621	-2.5%	106,621	-2.5%	21.3	26.7	21.3	26.7	16.7	22.4	16.7	22.4
	2018	105,307	-1.2%	105,307	-1.2%	16.8	24.8	16.8	24.8	16.8	21.6	16.8	21.6
	2019	107,619	2.2%	107,619	2.2%	27.6	29.4	27.6	29.4	17.7	22.3	17.7	22.3
	2020	107,264	-0.3%	105,217	-2.2%	20.6	28.7	20.4	26.5	18.2	21.7	16.7	20.7
Projected	2021	101,943	-5.0%	105,098	-0.1%	19.6	26.2	20.5	26.7	16.6	20.1	16.8	20.8
	2022	102,662	0.7%	105,586	0.5%	19.9	26.5	20.6	26.8	16.9	20.3	16.9	20.9
	2023	103,558	0.9%	105,976	0.4%	20.0	26.7	20.7	26.9	17.0	20.5	16.9	20.9
	2024	104,796	1.2%	106,611	0.6%	20.3	26.9	20.8	26.9	17.2	20.7	17.0	21.0
	2025	105,278	0.5%	106,681	0.1%	20.4	27.1	20.8	27.0	17.4	20.8	17.1	21.1
	2026	105,766	0.5%	107,022	0.3%	20.5	27.2	20.9	27.1	17.4	20.9	17.1	21.1
	2027	106,159	0.4%	107,343	0.3%	20.6	27.3	21.0	27.2	17.5	21.0	17.2	21.2
	2028	106,825	0.6%	107,939	0.6%	20.7	27.4	21.1	27.3	17.6	21.0	17.2	21.3
	2029	106,971	0.1%	107,973	0.0%	20.8	27.5	21.1	27.4	17.6	21.1	17.3	21.3
	2030	107,400	0.4%	108,285	0.3%	20.9	27.6	21.2	27.4	17.7	21.2	17.3	21.4
	2031	107,819	0.4%	108,601	0.3%	20.9	27.7	21.2	27.5	17.8	21.3	17.4	21.4
	2032	108,528	0.7%	109,220	0.6%	21.0	27.8	21.3	27.6	17.9	21.4	17.5	21.5
	2033	108,709	0.2%	109,291	0.1%	21.1	27.9	21.4	27.7	17.9	21.5	17.5	21.6
	2034	109,174	0.4%	109,648	0.3%	21.2	28.1	21.4	27.8	18.0	21.6	17.5	21.7
	2035	109,647	0.4%	110,000	0.3%	21.3	28.2	21.5	27.9	18.1	21.7	17.6	21.7
	2036	110,400	0.7%	110,638	0.6%	21.4	28.3	21.6	28.0	18.2	21.8	17.7	21.8
	2037	110,589	0.2%	110,699	0.1%	21.5	28.4	21.6	28.0	18.2	21.9	17.7	21.9
	2038	111,052	0.4%	111,032	0.3%	21.6	28.5	21.7	28.1	18.3	21.9	17.8	21.9
	2039	111,505	0.4%	111,364	0.3%	21.6	28.7	21.8	28.2	18.4	22.0	17.8	22.0
	2040	112,243	0.7%			21.8	28.8			18.5	22.1		
CAGR[1]	Historical		-0.1%		-0.1%	-1.5%	0.0%	1.9%	0.4%	-0.7%	1.2%	-1.2%	1.8%
	1st 10 Prj Yrs		0.6%		0.3%	0.7%	0.6%	0.4%	0.3%	0.7%	0.6%	0.4%	0.3%
	2nd 10 Prj Yrs		0.4%		0.3%	0.4%	0.4%	0.3%	0.3%	0.4%	0.4%	0.3%	0.3%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Clewiston

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	108,348	-	103,480	-	-4.5%	23.5	-	21.1	-	-10.3%	20.3	-	17.7		-12.8%
	2012	103,126	-4.8%	103,723	0.2%	0.6%	19.3	-18.2%	17.5	-17.0%	-9.0%	19.7	-2.9%	21.2	20.1%	7.8%
	2013	100,568	-2.5%	101,550	-2.1%	1.0%	14.9	-22.9%	13.5	-22.7%	-8.8%	19.8	0.4%	19.9	-6.5%	0.4%
	2014	104,563	4.0%	102,546	1.0%	-1.9%	15.9	7.1%	16.8	23.8%	5.5%	21.4	8.2%	21.8	9.7%	1.9%
	2015	105,534	0.9%	103,687	1.1%	-1.8%	26.8	68.6%	15.2	-9.5%	-43.4%	21.3	-0.6%	19.8	-9.0%	-6.7%
	2016	109,324	3.6%	104,651	0.9%	-4.3%	18.8	-29.7%	16.7	9.9%	-11.4%	21.1	-0.9%	22.0	10.8%	4.3%
	2017	106,621	-2.5%	104,700	0.0%	-1.8%	16.7	-11.3%	14.3	-14.4%	-14.4%	22.4	6.2%	21.5	-2.0%	-3.7%
	2018	105,307	-1.2%	106,098	1.3%	0.8%	16.8	0.4%	17.1	19.4%	1.8%	21.6	-3.3%	22.7	5.1%	4.8%
	2019	107,619	2.2%	105,004	-1.0%	-2.4%	17.7	5.3%	17.5	2.7%	-0.6%	22.3	3.2%	16.5	-27.2%	-26.1%
	2020	107,264	-0.3%	102,658	-2.2%	-4.3%	18.2	2.9%	16.9	-3.7%	-7.0%	21.7	-2.9%	20.4	23.5%	-6.0%
Projected	2021	101,862	-5.0%	101,862	-0.8%		16.6	-8.5%	16.6	-1.5%		20.1	-7.2%	20.1	-1.3%	
	2022			102,567	0.7%				16.9	1.6%				20.3	1.0%	
	2023			103,447	0.9%				17.0	0.9%				20.5	0.8%	
	2024			104,669	1.2%				17.2	1.2%				20.7	0.8%	
	2025			105,132	0.4%				17.4	0.7%				20.8	0.6%	
	2026			105,595	0.4%				17.4	0.5%				20.9	0.4%	
	2027			105,962	0.3%				17.5	0.4%				20.9	0.3%	
	2028			106,599	0.6%				17.6	0.5%				21.0	0.3%	
	2029			106,716	0.1%				17.6	0.2%				21.1	0.4%	
	2030			107,115	0.4%				17.7	0.4%				21.1	0.4%	
	2031			107,513	0.4%				17.8	0.4%				21.2	0.4%	
	2032			108,201	0.6%				17.9	0.5%				21.3	0.4%	
	2033			108,360	0.1%				17.9	0.3%				21.4	0.4%	
	2034			108,803	0.4%				18.0	0.4%				21.5	0.4%	
	2035			109,252	0.4%				18.1	0.4%				21.6	0.4%	
	2036			109,980	0.7%				18.2	0.6%				21.7	0.4%	
	2037			110,145	0.1%				18.2	0.3%				21.7	0.4%	
	2038			110,582	0.4%				18.3	0.4%				21.8	0.4%	
	2039			111,006	0.4%				18.4	0.4%				21.9	0.4%	
	2040			111,715	0.6%				18.5	0.5%				22.0	0.4%	
CAGR [3]	2011-2020		-0.1%		-0.1%			-2.8%		-2.5%			0.7%		1.6%	
	2021-2030				0.6%					0.7%					0.6%	
	2031-2040				0.4%					0.4%					0.4%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Clewiston

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	108,348	-	103,480	-	-4.5%	23.7	-	52.1%	28.6	-	43.2%
	2012	103,126	-4.8%	103,723	0.2%	0.6%	20.6	-13.2%	57.2%	27.3	-4.7%	43.2%
	2013	100,568	-2.5%	101,550	-2.1%	1.0%	22.9	11.2%	50.2%	24.6	-9.8%	46.7%
	2014	104,563	4.0%	102,546	1.0%	-1.9%	17.4	-23.8%	68.4%	26.7	8.6%	44.7%
	2015	105,534	0.9%	103,687	1.1%	-1.8%	26.9	54.2%	44.8%	26.7	-0.1%	45.2%
	2016	109,324	3.6%	104,651	0.9%	-4.3%	19.4	-28.0%	64.4%	25.6	-4.2%	48.8%
	2017	106,621	-2.5%	104,700	0.0%	-1.8%	21.3	10.1%	57.0%	26.7	4.6%	45.5%
	2018	105,307	-1.2%	106,098	1.3%	0.8%	16.8	-21.4%	71.7%	24.8	-7.2%	48.5%
	2019	107,619	2.2%	105,004	-1.0%	-2.4%	27.6	64.4%	44.6%	29.4	18.7%	41.7%
	2020	107,264	-0.3%	102,658	-2.2%	-4.3%	20.6	-25.1%	59.3%	28.7	-2.5%	42.7%
Projected	2021	101,862	-5.0%	101,862	-0.8%		19.6	-5.2%	59.4%	26.2	-8.8%	44.4%
	2022	102,567	0.7%	102,567	0.7%		19.9	1.6%	58.9%	26.4	1.0%	44.3%
	2023	103,447	0.9%	103,447	0.9%		20.0	0.9%	58.9%	26.7	0.8%	44.3%
	2024	104,669	1.2%	104,669	1.2%		20.3	1.2%	58.9%	26.9	0.8%	44.4%
	2025	105,132	0.4%	105,132	0.4%		20.4	0.7%	58.8%	27.0	0.6%	44.4%
	2026	105,595	0.4%	105,595	0.4%		20.5	0.5%	58.7%	27.1	0.4%	44.4%
	2027	105,962	0.3%	105,962	0.3%		20.6	0.4%	58.7%	27.2	0.3%	44.4%
	2028	106,599	0.6%	106,599	0.6%		20.7	0.5%	58.7%	27.3	0.3%	44.5%
	2029	106,716	0.1%	106,716	0.1%		20.8	0.2%	58.7%	27.4	0.4%	44.4%
	2030	107,115	0.4%	107,115	0.4%		20.9	0.4%	58.6%	27.5	0.4%	44.4%
	2031	107,513	0.4%	107,513	0.4%		20.9	0.4%	58.6%	27.6	0.4%	44.4%
	2032	108,201	0.6%	108,201	0.6%		21.0	0.5%	58.7%	27.7	0.4%	44.5%
	2033	108,360	0.1%	108,360	0.1%		21.1	0.3%	58.6%	27.9	0.4%	44.4%
	2034	108,803	0.4%	108,803	0.4%		21.2	0.4%	58.6%	28.0	0.4%	44.4%
	2035	109,252	0.4%	109,252	0.4%		21.3	0.4%	58.6%	28.1	0.4%	44.4%
	2036	109,980	0.7%	109,980	0.7%		21.4	0.6%	58.7%	28.2	0.4%	44.5%
	2037	110,145	0.1%	110,145	0.1%		21.5	0.3%	58.6%	28.3	0.4%	44.4%
	2038	110,582	0.4%	110,582	0.4%		21.6	0.4%	58.6%	28.4	0.4%	44.4%
	2039	111,006	0.4%	111,006	0.4%		21.6	0.4%	58.6%	28.5	0.4%	44.4%
	2040	111,715	0.6%	111,715	0.6%		21.8	0.5%	58.6%	28.7	0.4%	44.5%
CAGR [1]	2011-2020		-0.1%		-0.1%			-1.5%	57.0%		0.0%	45.0%
	2021-2030		0.6%		0.6%			0.7%	58.8%		0.6%	44.4%
	2031-2040		0.4%		0.4%			0.4%	58.6%		0.4%	44.4%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Clewiston

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	7,296	6,677	7,571	9,167	9,859	11,216	10,356	10,874	10,067	8,665	7,402	7,218	106,370	108,348
	2012	7,301	7,041	7,937	7,930	9,411	10,207	10,120	10,283	9,611	9,241	7,139	7,287	103,508	103,126
	2013	7,044	6,906	6,850	8,208	8,782	9,858	9,339	10,354	9,560	9,495	7,783	7,369	101,548	100,568
	2014	7,247	6,685	7,368	8,276	9,730	10,300	9,964	10,901	9,446	8,946	6,830	7,030	102,722	104,563
	2015	6,786	6,564	8,196	9,089	9,976	11,111	10,390	10,616	10,002	9,611	8,637	8,098	109,074	105,534
	2016	6,839	6,605	7,751	8,245	9,624	10,932	11,352	11,230	10,398	9,632	7,222	7,850	107,682	109,324
	2017	7,274	6,797	7,584	8,437	9,976	10,216	10,609	11,124	9,901	9,545	7,685	7,320	106,467	106,621
	2018	7,195	7,135	7,016	8,325	8,878	10,444	10,382	10,703	10,679	10,111	8,251	7,083	106,202	105,307
	2019	7,149	6,816	7,426	8,408	10,018	10,680	10,412	10,392	10,873	10,015	7,197	6,997	106,383	107,619
	2020	6,853	6,805	8,159	8,740	9,196	10,360	10,788	11,297	10,857	9,730	7,206	7,206	107,197	107,264
Projected	2021	6,569	6,615	7,243	8,026	9,547	10,438	9,603	9,972	9,707	9,309	7,319	7,334	101,682	101,862
	2022	6,660	6,711	7,348	8,115	9,651	10,548	9,696	10,070	9,803	9,389	7,384	7,401	102,779	102,567
	2023	6,717	6,769	7,410	8,188	9,733	10,634	9,776	10,156	9,889	9,477	7,456	7,477	103,683	103,447
	2024	6,782	7,104	7,490	8,261	9,824	10,732	9,850	10,240	9,975	9,548	7,517	7,544	104,868	104,669
	2025	6,839	6,896	7,547	8,320	9,889	10,798	9,906	10,297	10,029	9,598	7,556	7,584	105,260	105,132
	2026	6,873	6,930	7,582	8,357	9,931	10,841	9,942	10,336	10,066	9,631	7,583	7,612	105,684	105,595
	2027	6,898	6,956	7,609	8,386	9,965	10,877	9,974	10,370	10,100	9,663	7,609	7,639	106,047	105,962
	2028	6,923	7,250	7,635	8,416	10,000	10,915	10,008	10,406	10,135	9,696	7,635	7,667	106,686	106,599
	2029	6,948	7,006	7,662	8,447	10,037	10,955	10,044	10,446	10,173	9,732	7,663	7,697	106,810	106,716
	2030	6,975	7,032	7,691	8,479	10,075	10,996	10,080	10,484	10,211	9,768	7,692	7,726	107,208	107,115
Projected	2031	7,001	7,058	7,719	8,511	10,112	11,037	10,116	10,524	10,249	9,803	7,720	7,756	107,607	107,513
	2032	7,028	7,359	7,749	8,544	10,152	11,080	10,155	10,565	10,290	9,841	7,751	7,787	108,301	108,201
	2033	7,056	7,114	7,780	8,579	10,193	11,125	10,195	10,609	10,332	9,880	7,782	7,819	108,461	108,360
	2034	7,085	7,142	7,811	8,615	10,235	11,171	10,236	10,653	10,375	9,920	7,814	7,851	108,907	108,803
	2035	7,114	7,171	7,843	8,651	10,277	11,217	10,277	10,698	10,418	9,960	7,846	7,884	109,357	109,252
	2036	7,144	7,479	7,875	8,687	10,320	11,264	10,319	10,742	10,461	9,999	7,877	7,917	110,084	109,980
	2037	7,173	7,229	7,907	8,722	10,362	11,310	10,359	10,786	10,504	10,039	7,908	7,949	110,248	110,145
	2038	7,202	7,258	7,938	8,757	10,403	11,355	10,399	10,829	10,545	10,077	7,938	7,980	110,681	110,582
	2039	7,230	7,286	7,968	8,791	10,443	11,398	10,438	10,871	10,586	10,114	7,969	8,011	111,105	111,006
	2040	7,258	7,597	7,998	8,825	10,484	11,442	10,477	10,913	10,627	10,152	7,999	8,042	111,814	111,715

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	6.9%	6.3%	7.1%	8.6%	9.3%	10.5%	9.7%	10.2%	9.5%	8.1%	7.0%	6.8%	100.0%
	2012	7.1%	6.8%	7.7%	7.7%	9.1%	9.9%	9.8%	9.9%	9.3%	8.9%	6.9%	7.0%	100.0%
	2013	6.9%	6.8%	6.7%	8.1%	8.6%	9.7%	9.2%	10.2%	9.4%	9.4%	7.7%	7.3%	100.0%
	2014	7.1%	6.5%	7.2%	8.1%	9.5%	10.0%	9.7%	10.6%	9.2%	8.7%	6.6%	6.8%	100.0%
	2015	6.2%	6.0%	7.5%	8.3%	9.1%	10.2%	9.5%	9.7%	9.2%	8.8%	7.9%	7.4%	100.0%
	2016	6.4%	6.1%	7.2%	7.7%	8.9%	10.2%	10.5%	10.4%	9.7%	8.9%	6.7%	7.3%	100.0%
	2017	6.8%	6.4%	7.1%	7.9%	9.4%	9.6%	10.0%	10.4%	9.3%	9.0%	7.2%	6.9%	100.0%
	2018	6.8%	6.7%	6.6%	7.8%	8.4%	9.8%	9.8%	10.1%	10.1%	9.5%	7.8%	6.7%	100.0%
	2019	6.7%	6.4%	7.0%	7.9%	9.4%	10.0%	9.8%	9.8%	10.2%	9.4%	6.8%	6.6%	100.0%
	2020	6.4%	6.3%	7.6%	8.2%	8.6%	9.7%	10.1%	10.5%	10.1%	9.1%	6.7%	6.7%	100.0%
Projected	2021	6.5%	6.5%	7.1%	7.9%	9.4%	10.3%	9.4%	9.8%	9.5%	9.2%	7.2%	7.2%	100.0%
	2022	6.5%	6.5%	7.1%	7.9%	9.4%	10.3%	9.4%	9.8%	9.5%	9.1%	7.2%	7.2%	100.0%
	2023	6.5%	6.5%	7.1%	7.9%	9.4%	10.3%	9.4%	9.8%	9.5%	9.1%	7.2%	7.2%	100.0%
	2024	6.5%	6.8%	7.1%	7.9%	9.4%	10.2%	9.4%	9.8%	9.5%	9.1%	7.2%	7.2%	100.0%
	2025	6.5%	6.6%	7.2%	7.9%	9.4%	10.3%	9.4%	9.8%	9.5%	9.1%	7.2%	7.2%	100.0%
	2026	6.5%	6.6%	7.2%	7.9%	9.4%	10.3%	9.4%	9.8%	9.5%	9.1%	7.2%	7.2%	100.0%
	2027	6.5%	6.6%	7.2%	7.9%	9.4%	10.3%	9.4%	9.8%	9.5%	9.1%	7.2%	7.2%	100.0%
	2028	6.5%	6.8%	7.2%	7.9%	9.4%	10.2%	9.4%	9.8%	9.5%	9.1%	7.2%	7.2%	100.0%
	2029	6.5%	6.6%	7.2%	7.9%	9.4%	10.3%	9.4%	9.8%	9.5%	9.1%	7.2%	7.2%	100.0%
	2030	6.5%	6.6%	7.2%	7.9%	9.4%	10.3%	9.4%	9.8%	9.5%	9.1%	7.2%	7.2%	100.0%
Avg.	2011-2020	6.7%	6.4%	7.2%	8.0%	9.0%	10.0%	9.8%	10.2%	9.6%	9.0%	7.1%	6.9%	100.0%
	2021-2030	6.5%	6.6%	7.2%	7.9%	9.4%	10.3%	9.4%	9.8%	9.5%	9.1%	7.2%	7.2%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Mild Weather Case

Clewiston

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	20.1	15.1	17.3	22.0	20.0	24.8	21.0	28.6	20.6	20.8	19.5	15.1	23.7	28.6
	2012	20.6	16.2	18.7	17.4	19.9	24.6	27.3	21.4	20.4	21.4	19.9	15.1	20.6	27.3
	2013	17.4	22.9	14.9	18.0	18.4	24.6	19.6	20.8	19.7	21.3	17.4	16.0	22.9	24.6
	2014	15.9	15.6	17.0	19.5	22.4	23.8	21.1	22.2	26.7	19.6	16.4	14.5	17.4	26.7
	2015	14.4	26.9	17.1	19.7	20.8	26.7	21.4	22.1	21.2	24.4	19.4	16.5	26.9	26.7
	2016	14.8	15.6	17.7	20.4	21.0	25.6	24.2	22.8	25.1	26.0	16.0	16.9	19.4	25.6
	2017	21.3	19.3	16.8	20.0	21.2	25.8	26.7	23.9	22.0	20.2	16.4	16.0	21.3	26.7
	2018	16.8	16.7	16.6	18.8	18.1	24.8	21.7	22.2	23.8	21.1	27.6	16.6	16.8	24.8
	2019	22.5	16.6	16.3	18.7	21.6	26.1	21.7	29.4	26.9	24.1	18.1	15.6	27.6	29.4
	2020	20.6	16.7	18.6	20.9	20.3	25.4	25.4	26.3	28.7	22.7	19.2	15.4	20.6	28.7
Projected	2021	19.6	16.3	16.0	18.9	19.7	26.2	21.7	22.6	24.0	20.7	17.5	15.7	19.6	26.2
	2022	19.9	16.6	16.2	19.0	19.9	26.4	22.0	22.9	24.2	20.9	17.7	15.8	19.9	26.4
	2023	20.0	16.7	16.3	19.2	20.1	26.7	22.1	23.1	24.4	21.1	17.8	16.0	20.0	26.7
	2024	20.3	16.9	16.5	19.4	20.3	26.9	22.3	23.3	24.6	21.3	18.0	16.1	20.3	26.9
	2025	20.4	17.1	16.6	19.5	20.4	27.0	22.5	23.4	24.8	21.4	18.1	16.2	20.4	27.0
	2026	20.5	17.2	16.6	19.6	20.5	27.1	22.5	23.5	24.9	21.5	18.2	16.2	20.5	27.1
	2027	20.6	17.2	16.7	19.6	20.5	27.2	22.6	23.6	25.0	21.5	18.2	16.3	20.6	27.2
	2028	20.7	17.3	16.7	19.7	20.6	27.3	22.7	23.6	25.0	21.6	18.3	16.4	20.7	27.3
	2029	20.8	17.4	16.8	19.8	20.7	27.4	22.8	23.7	25.1	21.7	18.4	16.4	20.8	27.4
	2030	20.9	17.4	16.9	19.8	20.8	27.5	22.9	23.8	25.2	21.8	18.4	16.5	20.9	27.5
Projected	2031	20.9	17.5	16.9	19.9	20.8	27.6	22.9	23.9	25.3	21.9	18.5	16.6	20.9	27.6
	2032	21.0	17.6	17.0	20.0	20.9	27.7	23.0	24.0	25.4	22.0	18.6	16.6	21.0	27.7
	2033	21.1	17.6	17.1	20.1	21.0	27.9	23.1	24.1	25.5	22.0	18.7	16.7	21.1	27.9
	2034	21.2	17.7	17.2	20.2	21.1	28.0	23.2	24.2	25.6	22.1	18.7	16.8	21.2	28.0
	2035	21.3	17.8	17.2	20.3	21.2	28.1	23.3	24.3	25.7	22.2	18.8	16.9	21.3	28.1
	2036	21.4	17.9	17.3	20.3	21.3	28.2	23.4	24.4	25.8	22.3	18.9	16.9	21.4	28.2
	2037	21.5	17.9	17.4	20.4	21.4	28.3	23.5	24.5	26.0	22.4	19.0	17.0	21.5	28.3
	2038	21.6	18.0	17.5	20.5	21.5	28.4	23.6	24.6	26.1	22.5	19.1	17.0	21.6	28.4
	2039	21.6	18.1	17.5	20.6	21.5	28.5	23.7	24.7	26.2	22.6	19.1	17.1	21.6	28.5
	2040	21.8	18.2	17.6	20.7	21.6	28.7	23.8	24.8	26.3	22.7	19.2	17.2	21.8	28.7

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	48.7%	65.8%	58.9%	57.8%	66.2%	62.7%	66.4%	51.1%	67.8%	56.0%	52.7%	64.3%	51.2%	43.2%
	2012	47.7%	62.6%	56.9%	63.4%	63.6%	57.5%	49.9%	64.7%	65.3%	58.1%	49.8%	65.0%	57.4%	43.2%
	2013	54.3%	44.9%	62.0%	63.5%	64.3%	55.7%	64.1%	66.9%	67.5%	60.0%	62.0%	61.9%	50.7%	46.7%
	2014	61.2%	63.8%	58.2%	59.0%	58.3%	60.1%	63.5%	65.9%	49.1%	61.5%	57.8%	65.1%	67.2%	44.7%
	2015	63.4%	36.3%	64.4%	64.2%	64.5%	57.8%	65.4%	64.6%	65.4%	53.0%	61.9%	65.9%	46.3%	45.2%
	2016	62.3%	60.8%	58.8%	56.2%	61.5%	59.4%	63.1%	66.3%	57.6%	49.8%	62.9%	62.4%	63.4%	48.8%
	2017	45.8%	52.5%	60.6%	58.6%	63.1%	55.0%	53.3%	62.6%	62.6%	63.4%	65.2%	61.4%	57.0%	45.5%
	2018	57.7%	63.6%	56.7%	61.6%	65.8%	58.5%	64.4%	64.9%	62.3%	64.5%	41.6%	57.3%	72.3%	48.5%
	2019	42.7%	61.1%	61.1%	62.3%	62.2%	56.9%	64.5%	47.4%	56.2%	55.9%	55.2%	60.2%	44.1%	41.7%
	2020	44.6%	58.6%	58.9%	58.1%	60.8%	56.6%	57.0%	57.7%	52.5%	57.7%	52.2%	62.8%	59.3%	42.7%
Projected	2021	45.1%	60.2%	60.8%	59.1%	65.1%	55.4%	59.4%	59.2%	56.2%	60.5%	58.1%	63.0%	59.3%	44.4%
	2022	45.1%	60.2%	61.1%	59.2%	65.1%	55.4%	59.4%	59.2%	56.2%	60.4%	58.0%	63.0%	59.0%	44.3%
	2023	45.0%	60.1%	61.1%	59.2%	65.1%	55.4%	59.4%	59.2%	56.2%	60.4%	58.1%	62.9%	59.0%	44.3%
	2024	44.9%	60.2%	61.2%	59.2%	65.2%	55.4%	59.3%	59.2%	56.2%	60.4%	58.1%	63.0%	59.0%	44.4%
	2025	45.0%	60.1%	61.3%	59.3%	65.2%	55.5%	59.3%	59.2%	56.2%	60.3%	58.0%	63.0%	58.8%	44.4%
	2026	45.0%	60.1%	61.3%	59.3%	65.2%	55.5%	59.3%	59.2%	56.2%	60.3%	58.0%	63.0%	58.8%	44.4%
	2027	45.0%	60.1%	61.3%	59.3%	65.2%	55.5%	59.3%	59.2%	56.2%	60.3%	58.0%	62.9%	58.7%	44.4%
	2028	44.9%	60.2%	61.3%	59.3%	65.2%	55.5%	59.3%	59.2%	56.2%	60.3%	58.0%	63.0%	58.8%	44.5%
	2029	45.0%	60.1%	61.3%	59.3%	65.2%	55.5%	59.3%	59.2%	56.2%	60.3%	58.0%	63.0%	58.7%	44.4%
	2030	45.0%	60.1%	61.3%	59.3%	65.2%	55.5%	59.3%	59.2%	56.2%	60.3%	58.0%	63.0%	58.7%	44.4%
Avg.	2011-2020	52.8%	57.0%	59.7%	60.5%	63.1%	58.0%	61.2%	61.2%	60.6%	58.0%	56.1%	62.6%	56.9%	45.0%
	2021-2030	45.0%	60.1%	61.2%	59.3%	65.2%	55.5%	59.3%	59.2%	56.2%	60.3%	58.0%	63.0%	58.9%	44.4%

FMPA 2021 Load Forecast - Mild Weather Case

Clewiston

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	19.5	12.4	15.9	20.2	18.3	20.9	19.2	20.3	19.1	18.3	16.9	14.2	23.5	20.3
	2012	19.3	15.1	15.5	17.3	18.2	20.8	19.7	20.0	18.2	16.2	12.6	12.0	19.3	19.7
	2013	9.8	13.9	14.9	17.7	18.1	18.8	14.8	19.8	19.2	18.2	17.4	15.0	14.9	19.8
	2014	15.9	11.6	13.6	18.1	19.1	20.0	20.6	21.4	15.6	19.3	10.2	11.6	15.9	21.4
	2015	11.0	26.8	16.7	18.3	20.2	21.3	19.5	19.5	19.9	21.6	18.8	15.5	26.8	21.3
	2016	14.2	15.6	15.6	19.2	20.4	21.4	21.1	22.2	20.6	18.7	14.1	15.6	18.8	21.1
	2017	11.2	15.1	16.7	18.9	20.5	19.9	20.5	22.4	21.6	20.0	16.2	12.7	16.7	22.4
	2018	16.8	15.6	16.6	16.8	17.8	22.7	20.3	21.6	23.8	20.3	17.7	12.7	16.8	21.6
	2019	14.6	16.1	16.3	18.7	20.1	22.3	21.7	15.0	21.5	18.6	18.0	15.2	17.7	22.3
	2020	15.8	15.9	18.2	18.0	19.1	21.7	21.5	21.3	21.7	19.7	17.2	13.5	18.2	21.7
Projected	2021	16.6	15.2	15.5	17.5	18.9	22.1	19.2	20.1	20.9	17.9	15.7	13.8	16.6	20.1
	2022	16.9	15.4	15.7	17.7	19.1	22.4	19.4	20.3	21.1	18.1	15.8	13.9	16.9	20.3
	2023	17.0	15.6	15.8	17.8	19.2	22.5	19.6	20.5	21.3	18.3	16.0	14.0	17.0	20.5
	2024	17.2	15.7	16.0	18.0	19.4	22.7	19.7	20.7	21.5	18.4	16.1	14.1	17.2	20.7
	2025	17.4	15.8	16.1	18.1	19.5	22.9	19.8	20.8	21.6	18.5	16.2	14.2	17.4	20.8
	2026	17.4	15.9	16.1	18.1	19.6	23.0	19.9	20.9	21.7	18.6	16.3	14.3	17.4	20.9
	2027	17.5	16.0	16.2	18.2	19.7	23.0	20.0	20.9	21.8	18.7	16.3	14.3	17.5	20.9
	2028	17.6	16.1	16.2	18.3	19.7	23.1	20.0	21.0	21.9	18.7	16.4	14.4	17.6	21.0
	2029	17.6	16.1	16.3	18.3	19.8	23.2	20.1	21.1	21.9	18.8	16.4	14.4	17.6	21.1
	2030	17.7	16.2	16.4	18.4	19.9	23.3	20.2	21.1	22.0	18.9	16.5	14.5	17.7	21.1
Projected	2031	17.8	16.2	16.4	18.5	20.0	23.4	20.3	21.2	22.1	18.9	16.6	14.6	17.8	21.2
	2032	17.9	16.3	16.5	18.6	20.0	23.5	20.3	21.3	22.2	19.0	16.6	14.6	17.9	21.3
	2033	17.9	16.4	16.6	18.6	20.1	23.6	20.4	21.4	22.3	19.1	16.7	14.7	17.9	21.4
	2034	18.0	16.4	16.6	18.7	20.2	23.7	20.5	21.5	22.4	19.2	16.8	14.7	18.0	21.5
	2035	18.1	16.5	16.7	18.8	20.3	23.8	20.6	21.6	22.5	19.3	16.9	14.8	18.1	21.6
	2036	18.2	16.6	16.8	18.9	20.4	23.9	20.7	21.7	22.6	19.3	16.9	14.9	18.2	21.7
	2037	18.2	16.6	16.9	19.0	20.5	23.9	20.8	21.7	22.6	19.4	17.0	14.9	18.2	21.7
	2038	18.3	16.7	16.9	19.0	20.5	24.0	20.8	21.8	22.7	19.5	17.1	15.0	18.3	21.8
	2039	18.4	16.8	17.0	19.1	20.6	24.1	20.9	21.9	22.8	19.6	17.2	15.1	18.4	21.9
	2040	18.5	16.9	17.1	19.2	20.7	24.2	21.0	22.0	22.9	19.6	17.2	15.1	18.5	22.0

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	96.7%	82.2%	92.1%	91.5%	91.7%	84.2%	91.6%	70.9%	92.5%	87.9%	86.8%	94.1%	99.2%	70.9%
	2012	93.5%	93.2%	82.5%	99.4%	91.3%	84.4%	72.3%	93.6%	89.2%	76.0%	63.4%	79.5%	93.5%	72.3%
	2013	56.1%	60.6%	100.0%	98.4%	98.7%	76.3%	75.7%	95.1%	97.4%	85.6%	100.0%	93.8%	64.9%	80.4%
	2014	100.0%	74.3%	80.3%	92.6%	85.2%	84.0%	97.6%	96.3%	58.5%	98.7%	62.4%	80.3%	91.2%	80.2%
	2015	76.2%	99.7%	97.9%	93.0%	97.0%	79.7%	91.1%	88.1%	93.8%	88.5%	97.3%	94.1%	99.7%	79.7%
	2016	95.9%	100.0%	88.2%	94.3%	97.2%	83.7%	87.1%	97.5%	82.3%	72.1%	88.4%	92.6%	97.3%	82.4%
	2017	52.6%	78.2%	99.3%	94.3%	96.7%	77.2%	76.5%	93.7%	98.3%	99.0%	99.0%	79.4%	78.3%	83.6%
	2018	100.0%	93.5%	100.0%	89.4%	98.2%	91.3%	93.8%	97.6%	100.0%	96.5%	64.0%	76.3%	100.0%	87.2%
	2019	64.7%	97.1%	100.0%	100.0%	92.8%	85.6%	100.0%	51.0%	80.1%	77.1%	99.3%	96.9%	64.0%	75.8%
	2020	76.5%	95.5%	97.6%	86.0%	94.1%	85.2%	84.4%	81.1%	75.7%	86.6%	89.6%	87.8%	88.0%	75.5%
Projected	2021	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.4%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.9%
	2022	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.9%
	2023	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.9%
	2024	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2025	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2026	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2027	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2028	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2029	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2030	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2011-2020	81.2%	87.4%	93.8%	93.9%	94.3%	83.2%	87.0%	86.5%	86.8%	86.8%	85.0%	87.5%	87.6%	78.8%
	2021-2030	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%

FMPA 2021 Load Forecast - Mild Weather Case - Clewiston

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service Non-Demand						General Service Demand						US Sugar		Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	49,594		3,325		14,917		10,409		515		20.2		36,128		119		304		3,487		512		100,130		8,218	7.6%	108,348	
	2012	47,531	-4.2%	3,335	0.3%	14,254	-4.4%	9,174	-11.9%	503	-2.3%	18.2	-9.8%	37,195	3.0%	122	2.8%	304	0.1%	1,825	-47.7%	402	-21.5%	96,127	-4.0%	6,999	6.8%	103,126	-4.8%
	2013	45,414	-4.5%	3,351	0.5%	13,552	-4.9%	7,837	-14.6%	499	-0.8%	15.7	-13.9%	36,033	-3.1%	127	3.6%	284	-6.5%	2,582	41.5%	387	-3.9%	92,253	-4.0%	8,315	8.3%	100,568	-2.5%
	2014	48,637	7.1%	3,384	1.0%	14,371	6.0%	8,527	8.8%	487	-2.4%	17.5	11.5%	37,352	3.7%	129	1.6%	290	2.0%	2,720	5.3%	412	6.7%	97,648	5.8%	6,915	6.6%	104,563	4.0%
	2015	50,179	3.2%	3,430	1.3%	14,632	1.8%	8,746	2.6%	474	-2.8%	18.5	5.5%	37,752	1.1%	130	1.0%	290	0.0%	1,676	-38.4%	381	-7.5%	98,734	1.1%	6,800	6.4%	105,534	0.9%
	2016	51,631	2.9%	3,432	0.1%	15,043	2.8%	8,748	0.0%	471	-0.5%	18.6	0.6%	38,682	2.5%	132	1.8%	292	0.7%	2,080	24.1%	406	6.4%	101,547	2.8%	7,777	7.1%	109,324	3.6%
	2017	49,963	-3.2%	3,452	0.6%	14,476	-3.8%	8,953	2.3%	499	5.9%	17.9	-3.4%	37,937	-1.9%	134	1.1%	283	-3.0%	2,023	-2.7%	414	2.0%	99,290	-2.2%	7,331	6.9%	106,621	-2.5%
	2018	50,070	0.2%	3,444	-0.2%	14,540	0.4%	8,979	0.3%	483	-3.2%	18.6	3.6%	37,479	-1.2%	134	-0.2%	281	-1.0%	1,321	-34.7%	385	-6.9%	98,234	-1.1%	7,073	6.7%	105,307	-1.2%
	2019	52,102	4.1%	3,463	0.6%	15,044	3.5%	9,277	3.3%	475	-1.7%	19.5	5.1%	37,802	0.9%	133	-0.4%	284	1.3%	1,162	-12.0%	383	-0.5%	100,726	2.5%	6,893	6.4%	107,619	2.2%
	2020	53,497	2.7%	3,536	2.1%	15,130	0.6%	8,732	-5.9%	492	3.6%	17.7	-9.1%	35,901	-5.0%	136	2.6%	263	-7.5%	860	-26.0%	362	-5.6%	99,352	-1.4%	7,911	7.4%	107,264	-0.3%
Projected	2021	49,427	-7.6%	3,544	0.2%	13,949	-7.8%	8,670	-0.7%	500	1.7%	17.3	-2.3%	35,310	-1.6%	140	2.5%	253	-4.0%	1,114	29.6%	362	0.0%	94,883	-4.5%	7,060	6.9%	101,943	-5.0%
	2022	49,246	-0.4%	3,549	0.2%	13,875	-0.5%	8,821	1.7%	503	0.6%	17.5	1.2%	35,994	1.9%	142	1.5%	254	0.5%	1,114	0.0%	362	0.0%	95,537	0.7%	7,126	6.9%	102,662	0.7%
	2023	49,377	0.3%	3,559	0.3%	13,873	0.0%	9,024	2.3%	505	0.4%	17.9	1.9%	36,493	1.4%	144	1.7%	253	-0.3%	1,114	0.0%	362	0.0%	96,371	0.9%	7,187	6.9%	103,558	0.9%
	2024	49,465	0.2%	3,568	0.3%	13,862	-0.1%	9,247	2.5%	506	0.3%	18.3	2.2%	37,088	1.6%	147	1.7%	253	-0.1%	1,114	0.0%	362	0.0%	97,276	0.9%	7,520	7.2%	104,796	1.2%
	2025	49,552	0.2%	3,577	0.2%	13,854	-0.1%	9,443	2.1%	507	0.2%	18.6	1.9%	37,502	1.1%	149	1.7%	252	-0.5%	1,114	0.0%	362	0.0%	97,973	0.7%	7,305	6.9%	105,278	0.5%
	2026	49,634	0.2%	3,584	0.2%	13,848	0.0%	9,610	1.8%	508	0.2%	18.9	1.6%	37,708	0.5%	152	1.7%	249	-1.1%	1,114	0.0%	362	0.0%	98,428	0.5%	7,337	6.9%	105,766	0.5%
	2027	49,737	0.2%	3,591	0.2%	13,852	0.0%	9,759	1.6%	509	0.2%	19.2	1.4%	37,822	0.3%	154	1.6%	246	-1.3%	1,114	0.0%	362	0.0%	98,794	0.4%	7,364	6.9%	106,159	0.4%
	2028	49,886	0.3%	3,597	0.2%	13,869	0.1%	9,902	1.5%	510	0.2%	19.4	1.3%	37,898	0.2%	156	1.6%	242	-1.4%	1,114	0.0%	362	0.0%	99,162	0.4%	7,662	7.2%	106,825	0.6%
	2029	50,068	0.4%	3,603	0.2%	13,898	0.2%	10,047	1.5%	511	0.2%	19.7	1.3%	37,958	0.2%	159	1.6%	239	-1.4%	1,114	0.0%	362	0.0%	99,550	0.4%	7,421	6.9%	106,971	0.1%
	2030	50,264	0.4%	3,608	0.1%	13,932	0.2%	10,192	1.4%	512	0.2%	19.9	1.3%	38,017	0.2%	161	1.6%	236	-1.4%	1,114	0.0%	362	0.0%	99,949	0.4%	7,451	6.9%	107,400	0.4%
	2031	50,456	0.4%	3,613	0.1%	13,967	0.3%	10,335	1.4%	513	0.2%	20.1	1.2%	38,072	0.1%	164	1.6%	232	-1.4%	1,114	0.0%	362	0.0%	100,339	0.4%	7,480	6.9%	107,819	0.4%
	2032	50,658	0.4%	3,617	0.1%	14,006	0.3%	10,478	1.4%	514	0.2%	20.4	1.2%	38,130	0.2%	166	1.5%	229	-1.4%	1,114	0.0%	362	0.0%	100,743	0.4%	7,785	7.2%	108,528	0.7%
	2033	50,880	0.4%	3,621	0.1%	14,052	0.3%	10,623	1.4%	515	0.2%	20.6	1.2%	38,187	0.1%	169	1.5%	226	-1.4%	1,114	0.0%	362	0.0%	101,166	0.4%	7,543	6.9%	108,709	0.2%
	2034	51,117	0.5%	3,625	0.1%	14,103	0.4%	10,768	1.4%	516	0.2%	20.9	1.2%	38,238	0.1%	172	1.5%	223	-1.4%	1,114	0.0%	362	0.0%	101,599	0.4%	7,575	6.9%	109,174	0.4%
	2035	51,362	0.5%	3,628	0.1%	14,157	0.4%	10,914	1.4%	516	0.2%	21.1	1.2%	38,287	0.1%	174	1.5%	220	-1.4%	1,114	0.0%	362	0.0%	102,039	0.4%	7,608	6.9%	109,647	0.4%
	2036	51,605	0.5%	3,632	0.1%	14,210	0.4%	11,060	1.3%	517	0.2%	21.4	1.2%	38,338	0.1%	177	1.5%	217	-1.3%	1,114	0.0%	362	0.0%	102,480	0.4%	7,920	7.2%	110,400	0.7%
	2037	51,843	0.5%	3,635	0.1%	14,263	0.4%	11,209	1.3%	518	0.2%	21.6	1.2%	38,387	0.1%	179	1.5%	214	-1.3%	1,114	0.0%	362	0.0%	102,916	0.4%	7,674	6.9%	110,589	0.2%
	2038	52,076	0.5%	3,638	0.1%	14,314	0.4%	11,360	1.3%	519	0.2%	21.9	1.2%	38,434	0.1%	182	1.5%	211	-1.3%	1,114	0.0%	362	0.0%	103,347	0.4%	7,706	6.9%	111,052	0.4%
	2039	52,298	0.4%	3,641	0.1%	14,363	0.3%	11,510	1.3%	520	0.2%	22.1	1.2%	38,482	0.1%	185	1.5%	208	-1.3%	1,114	0.0%	362	0.0%	103,767	0.4%	7,737	6.9%	111,505	0.4%
	2040	52,522	0.4%	3,644	0.1%	14,412	0.3%	11,662	1.3%	521	0.2%	22.4	1.2%	38,530	0.1%	187	1.5%	206	-1.3%	1,114	0.0%	362	0.0%	104,190	0.4%	8,053	7.2%	112,243	0.7%
CAGR	2011-2020		0.8%		0.7%		0.2%		-1.9%		-0.5%		-1.4%		-0.1%		1.5%		-1.6%		-14.4%		-3.8%		-0.1%		7.0%		-0.1%
	2021-2030		0.2%		0.2%		0.0%		1.8%		0.3%		1.5%		0.8%		1.6%		-0.8%		0.0%		0.0%		0.6%		7.0%		0.6%
	2031-2040		0.4%		0.1%		0.3%		1.4%		0.2%		1.2%		0.1%		1.5%		-1.3%		0.0%		0.0%		0.4%		7.0%		0.4%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - Severe Weather Case

Clewiston

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	108,348	-	103,480	-	-4.5%	23.5	-	21.1	-	-10.3%	20.3	-	17.7		-12.8%
	2012	103,126	-4.8%	103,723	0.2%	0.6%	19.3	-18.2%	17.5	-17.0%	-9.0%	19.7	-2.9%	21.2	20.1%	7.8%
	2013	100,568	-2.5%	101,550	-2.1%	1.0%	14.9	-22.9%	13.5	-22.7%	-8.8%	19.8	0.4%	19.9	-6.5%	0.4%
	2014	104,563	4.0%	102,546	1.0%	-1.9%	15.9	7.1%	16.8	23.8%	5.5%	21.4	8.2%	21.8	9.7%	1.9%
	2015	105,534	0.9%	103,687	1.1%	-1.8%	26.8	68.6%	15.2	-9.5%	-43.4%	21.3	-0.6%	19.8	-9.0%	-6.7%
	2016	109,324	3.6%	104,651	0.9%	-4.3%	18.8	-29.7%	16.7	9.9%	-11.4%	21.1	-0.9%	22.0	10.8%	4.3%
	2017	106,621	-2.5%	104,700	0.0%	-1.8%	16.7	-11.3%	14.3	-14.4%	-14.4%	22.4	6.2%	21.5	-2.0%	-3.7%
	2018	105,307	-1.2%	106,098	1.3%	0.8%	16.8	0.4%	17.1	19.4%	1.8%	21.6	-3.3%	22.7	5.1%	4.8%
	2019	107,619	2.2%	105,004	-1.0%	-2.4%	17.7	5.3%	17.5	2.7%	-0.6%	22.3	3.2%	16.5	-27.2%	-26.1%
	2020	107,264	-0.3%	106,609	1.5%	-0.6%	18.2	2.9%	16.9	-3.7%	-7.0%	21.7	-2.9%	20.4	23.5%	-6.0%
Projected	2021	109,134	1.7%	109,134	2.4%		18.9	3.8%	18.9	11.7%		22.1	2.0%	22.1	8.6%	
	2022			110,551	1.3%				19.1	1.4%				22.3	1.0%	
	2023			111,487	0.8%				19.3	0.8%				22.5	0.8%	
	2024			112,809	1.2%				19.5	1.1%				22.7	0.8%	
	2025			113,271	0.4%				19.6	0.6%				22.9	0.6%	
	2026			113,781	0.5%				19.7	0.5%				22.9	0.4%	
	2027			114,196	0.4%				19.8	0.4%				23.0	0.4%	
	2028			114,938	0.6%				19.9	0.6%				23.1	0.4%	
	2029			115,067	0.1%				19.9	0.2%				23.2	0.4%	
	2030			115,529	0.4%				20.0	0.4%				23.3	0.4%	
	2031			115,981	0.4%				20.1	0.4%				23.4	0.4%	
	2032			116,773	0.7%				20.2	0.6%				23.5	0.4%	
	2033			116,941	0.1%				20.2	0.2%				23.6	0.4%	
	2034			117,444	0.4%				20.3	0.4%				23.7	0.4%	
	2035			117,956	0.4%				20.4	0.4%				23.8	0.4%	
	2036			118,798	0.7%				20.5	0.6%				23.9	0.4%	
	2037			118,977	0.2%				20.6	0.2%				24.0	0.4%	
	2038			119,478	0.4%				20.7	0.4%				24.1	0.4%	
	2039			119,966	0.4%				20.8	0.4%				24.2	0.4%	
	2040			120,792	0.7%				20.9	0.6%				24.3	0.4%	
CAGR [3]	2011-2020		-0.1%		0.3%			-2.8%		-2.5%			0.7%		1.6%	
	2021-2030				0.6%					0.7%					0.6%	
	2031-2040				0.5%					0.4%					0.4%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Clewiston

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	108,348	-	108,348	-	23.7	28.6	23.7	28.6	23.5	20.3	23.5	20.3
	2012	103,126	-4.8%	103,126	-4.8%	20.6	27.3	20.6	27.3	19.3	19.7	19.3	19.7
	2013	100,568	-2.5%	100,568	-2.5%	22.9	24.6	22.9	24.6	14.9	19.8	14.9	19.8
	2014	104,563	4.0%	104,563	4.0%	17.4	26.7	17.4	26.7	15.9	21.4	15.9	21.4
	2015	105,534	0.9%	105,534	0.9%	26.9	26.7	26.9	26.7	26.8	21.3	26.8	21.3
	2016	109,324	3.6%	109,324	3.6%	19.4	25.6	19.4	26.0	18.8	21.1	18.8	21.1
	2017	106,621	-2.5%	106,621	-2.5%	21.3	26.7	21.3	26.7	16.7	22.4	16.7	22.4
	2018	105,307	-1.2%	105,307	-1.2%	16.8	24.8	16.8	24.8	16.8	21.6	16.8	21.6
	2019	107,619	2.2%	107,619	2.2%	27.6	29.4	27.6	29.4	17.7	22.3	17.7	22.3
	2020	107,264	-0.3%	112,069	4.1%	20.6	28.7	22.8	29.0	18.2	21.7	18.7	22.6
Projected	2021	109,134	1.7%	112,556	0.4%	22.2	28.8	22.9	29.2	18.9	22.1	18.8	22.8
	2022	110,551	1.3%	113,075	0.5%	22.5	29.1	23.0	29.3	19.1	22.3	18.8	22.9
	2023	111,487	0.8%	113,486	0.4%	22.7	29.3	23.1	29.4	19.3	22.5	18.9	22.9
	2024	112,809	1.2%	114,182	0.6%	22.9	29.6	23.2	29.5	19.5	22.7	19.0	23.0
	2025	113,271	0.4%	114,228	0.0%	23.1	29.7	23.3	29.6	19.6	22.9	19.0	23.1
	2026	113,781	0.5%	114,588	0.3%	23.2	29.8	23.3	29.7	19.7	22.9	19.1	23.2
	2027	114,196	0.4%	114,927	0.3%	23.3	30.0	23.4	29.8	19.8	23.0	19.2	23.2
	2028	114,938	0.6%	115,585	0.6%	23.4	30.1	23.5	29.9	19.9	23.1	19.2	23.3
	2029	115,067	0.1%	115,595	0.0%	23.4	30.2	23.5	30.0	19.9	23.2	19.3	23.4
	2030	115,529	0.4%	115,925	0.3%	23.5	30.3	23.6	30.1	20.0	23.3	19.3	23.4
	2031	115,981	0.4%	116,260	0.3%	23.6	30.4	23.7	30.1	20.1	23.4	19.4	23.5
	2032	116,773	0.7%	116,944	0.6%	23.8	30.6	23.8	30.2	20.2	23.5	19.5	23.6
	2033	116,941	0.1%	116,995	0.0%	23.8	30.7	23.8	30.3	20.2	23.6	19.5	23.6
	2034	117,444	0.4%	117,377	0.3%	23.9	30.8	23.9	30.4	20.3	23.7	19.6	23.7
	2035	117,956	0.4%	117,753	0.3%	24.0	31.0	24.0	30.5	20.4	23.8	19.6	23.8
	2036	118,798	0.7%	118,458	0.6%	24.2	31.1	24.1	30.6	20.5	23.9	19.7	23.9
	2037	118,977	0.2%	118,499	0.0%	24.2	31.2	24.1	30.7	20.6	24.0	19.7	24.0
	2038	119,478	0.4%	118,855	0.3%	24.3	31.4	24.2	30.8	20.7	24.1	19.8	24.0
	2039	119,966	0.4%	119,209	0.3%	24.4	31.5	24.3	30.9	20.8	24.2	19.9	24.1
	2040	120,792	0.7%			24.6	31.6			20.9	24.3		
CAGR[1]	Historical		-0.1%		-0.1%	-1.5%	0.0%	1.9%	0.4%	-0.7%	1.2%	-1.2%	1.8%
	1st 10 Prj Yrs		0.6%		0.3%	0.7%	0.6%	0.3%	0.3%	0.7%	0.6%	0.3%	0.3%
	2nd 10 Prj Yrs		0.5%		0.3%	0.4%	0.4%	0.3%	0.3%	0.4%	0.4%	0.3%	0.3%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Clewiston

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	108,348	-	103,480	-	-4.5%	23.5	-	21.1	-	-10.3%	20.3	-	17.7		-12.8%
	2012	103,126	-4.8%	103,723	0.2%	0.6%	19.3	-18.2%	17.5	-17.0%	-9.0%	19.7	-2.9%	21.2	20.1%	7.8%
	2013	100,568	-2.5%	101,550	-2.1%	1.0%	14.9	-22.9%	13.5	-22.7%	-8.8%	19.8	0.4%	19.9	-6.5%	0.4%
	2014	104,563	4.0%	102,546	1.0%	-1.9%	15.9	7.1%	16.8	23.8%	5.5%	21.4	8.2%	21.8	9.7%	1.9%
	2015	105,534	0.9%	103,687	1.1%	-1.8%	26.8	68.6%	15.2	-9.5%	-43.4%	21.3	-0.6%	19.8	-9.0%	-6.7%
	2016	109,324	3.6%	104,651	0.9%	-4.3%	18.8	-29.7%	16.7	9.9%	-11.4%	21.1	-0.9%	22.0	10.8%	4.3%
	2017	106,621	-2.5%	104,700	0.0%	-1.8%	16.7	-11.3%	14.3	-14.4%	-14.4%	22.4	6.2%	21.5	-2.0%	-3.7%
	2018	105,307	-1.2%	106,098	1.3%	0.8%	16.8	0.4%	17.1	19.4%	1.8%	21.6	-3.3%	22.7	5.1%	4.8%
	2019	107,619	2.2%	105,004	-1.0%	-2.4%	17.7	5.3%	17.5	2.7%	-0.6%	22.3	3.2%	16.5	-27.2%	-26.1%
	2020	107,264	-0.3%	102,658	-2.2%	-4.3%	18.2	2.9%	16.9	-3.7%	-7.0%	21.7	-2.9%	20.4	23.5%	-6.0%
Projected	2021	109,053	1.7%	109,053	6.2%		18.9	3.8%	18.9	11.7%		22.1	2.0%	22.1	8.5%	
	2022			110,455	1.3%				19.1	1.4%				22.3	1.0%	
	2023			111,377	0.8%				19.3	0.8%				22.5	0.8%	
	2024			112,682	1.2%				19.5	1.1%				22.7	0.8%	
	2025			113,125	0.4%				19.6	0.6%				22.8	0.6%	
	2026			113,611	0.4%				19.7	0.5%				22.9	0.4%	
	2027			113,999	0.3%				19.8	0.4%				23.0	0.3%	
	2028			114,712	0.6%				19.9	0.6%				23.1	0.3%	
	2029			114,812	0.1%				19.9	0.2%				23.1	0.4%	
	2030			115,244	0.4%				20.0	0.4%				23.2	0.4%	
	2031			115,675	0.4%				20.1	0.4%				23.3	0.4%	
	2032			116,445	0.7%				20.2	0.6%				23.4	0.4%	
	2033			116,592	0.1%				20.2	0.2%				23.5	0.4%	
	2034			117,073	0.4%				20.3	0.4%				23.6	0.4%	
	2035			117,562	0.4%				20.4	0.4%				23.7	0.4%	
	2036			118,379	0.7%				20.5	0.6%				23.8	0.4%	
	2037			118,532	0.1%				20.6	0.2%				23.9	0.4%	
	2038			119,007	0.4%				20.7	0.4%				24.0	0.4%	
	2039			119,467	0.4%				20.8	0.4%				24.1	0.4%	
	2040			120,264	0.7%				20.9	0.6%				24.2	0.4%	
CAGR [3]	2011-2020		-0.1%		-0.1%			-2.8%		-2.5%			0.7%		1.6%	
	2021-2030				0.6%					0.7%					0.6%	
	2031-2040				0.4%					0.4%					0.4%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Clewiston

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	108,348	-	103,480	-	-4.5%	23.7	-	52.1%	28.6	-	43.2%
	2012	103,126	-4.8%	103,723	0.2%	0.6%	20.6	-13.2%	57.2%	27.3	-4.7%	43.2%
	2013	100,568	-2.5%	101,550	-2.1%	1.0%	22.9	11.2%	50.2%	24.6	-9.8%	46.7%
	2014	104,563	4.0%	102,546	1.0%	-1.9%	17.4	-23.8%	68.4%	26.7	8.6%	44.7%
	2015	105,534	0.9%	103,687	1.1%	-1.8%	26.9	54.2%	44.8%	26.7	-0.1%	45.2%
	2016	109,324	3.6%	104,651	0.9%	-4.3%	19.4	-28.0%	64.4%	25.6	-4.2%	48.8%
	2017	106,621	-2.5%	104,700	0.0%	-1.8%	21.3	10.1%	57.0%	26.7	4.6%	45.5%
	2018	105,307	-1.2%	106,098	1.3%	0.8%	16.8	-21.4%	71.7%	24.8	-7.2%	48.5%
	2019	107,619	2.2%	105,004	-1.0%	-2.4%	27.6	64.4%	44.6%	29.4	18.7%	41.7%
	2020	107,264	-0.3%	106,609	1.5%	-0.6%	20.6	-25.1%	59.3%	28.7	-2.5%	42.7%
Projected	2021	109,053	1.7%	109,053	2.3%		22.2	7.5%	56.1%	28.8	0.2%	43.3%
	2022	110,455	1.3%	110,455	1.3%		22.5	1.4%	56.0%	29.0	1.0%	43.4%
	2023	111,377	0.8%	111,377	0.8%		22.7	0.8%	56.0%	29.3	0.8%	43.4%
	2024	112,682	1.2%	112,682	1.2%		22.9	1.1%	56.1%	29.5	0.8%	43.6%
	2025	113,125	0.4%	113,125	0.4%		23.1	0.6%	56.0%	29.7	0.6%	43.5%
	2026	113,611	0.4%	113,611	0.4%		23.2	0.5%	55.9%	29.8	0.4%	43.5%
	2027	113,999	0.3%	113,999	0.3%		23.3	0.4%	55.9%	29.9	0.3%	43.5%
	2028	114,712	0.6%	114,712	0.6%		23.4	0.6%	56.0%	30.0	0.4%	43.6%
	2029	114,812	0.1%	114,812	0.1%		23.4	0.2%	55.9%	30.1	0.4%	43.5%
	2030	115,244	0.4%	115,244	0.4%		23.5	0.4%	55.9%	30.2	0.4%	43.5%
	2031	115,675	0.4%	115,675	0.4%		23.6	0.4%	55.9%	30.4	0.4%	43.5%
	2032	116,445	0.7%	116,445	0.7%		23.8	0.6%	55.9%	30.5	0.4%	43.6%
	2033	116,592	0.1%	116,592	0.1%		23.8	0.2%	55.9%	30.6	0.4%	43.5%
	2034	117,073	0.4%	117,073	0.4%		23.9	0.4%	55.9%	30.7	0.4%	43.5%
	2035	117,562	0.4%	117,562	0.4%		24.0	0.4%	55.9%	30.9	0.4%	43.5%
	2036	118,379	0.7%	118,379	0.7%		24.2	0.6%	55.9%	31.0	0.4%	43.6%
	2037	118,532	0.1%	118,532	0.1%		24.2	0.2%	55.8%	31.1	0.4%	43.5%
	2038	119,007	0.4%	119,007	0.4%		24.3	0.4%	55.8%	31.2	0.4%	43.5%
	2039	119,467	0.4%	119,467	0.4%		24.4	0.4%	55.8%	31.4	0.4%	43.5%
	2040	120,264	0.7%	120,264	0.7%		24.6	0.6%	55.8%	31.5	0.4%	43.6%
CAGR [1]	2011-2020		-0.1%		0.3%			-1.5%	57.0%		0.0%	45.0%
	2021-2030		0.6%		0.6%			0.7%	56.0%		0.6%	43.5%
	2031-2040		0.4%		0.4%			0.4%	55.9%		0.4%	43.5%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Clewiston

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	7,296	6,677	7,571	9,167	9,859	11,216	10,356	10,874	10,067	8,665	7,402	7,218	106,370	108,348
	2012	7,301	7,041	7,937	7,930	9,411	10,207	10,120	10,283	9,611	9,241	7,139	7,287	103,508	103,126
	2013	7,044	6,906	6,850	8,208	8,782	9,858	9,339	10,354	9,560	9,495	7,783	7,369	101,548	100,568
	2014	7,247	6,685	7,368	8,276	9,730	10,300	9,964	10,901	9,446	8,946	6,830	7,030	102,722	104,563
	2015	6,786	6,564	8,196	9,089	9,976	11,111	10,390	10,616	10,002	9,611	8,637	8,098	109,074	105,534
	2016	6,839	6,605	7,751	8,245	9,624	10,932	11,352	11,230	10,398	9,632	7,222	7,850	107,682	109,324
	2017	7,274	6,797	7,584	8,437	9,976	10,216	10,609	11,124	9,901	9,545	7,685	7,320	106,467	106,621
	2018	7,195	7,135	7,016	8,325	8,878	10,444	10,382	10,703	10,679	10,111	8,251	7,083	106,202	105,307
	2019	7,149	6,816	7,426	8,408	10,018	10,680	10,412	10,392	10,873	10,015	7,197	6,997	106,383	107,619
	2020	6,853	6,805	8,159	8,740	9,196	10,360	10,788	11,297	10,857	9,730	7,206	7,558	107,549	107,264
Projected	2021	7,728	7,838	7,769	8,026	9,547	10,822	10,689	11,240	10,900	9,960	7,319	7,688	109,525	109,053
	2022	7,825	7,940	7,876	8,115	9,651	10,936	10,791	11,349	11,006	10,045	7,384	7,756	110,674	110,455
	2023	7,885	8,002	7,940	8,188	9,733	11,023	10,878	11,443	11,100	10,137	7,456	7,833	111,618	111,377
	2024	7,952	8,387	8,021	8,261	9,824	11,125	10,959	11,534	11,193	10,212	7,517	7,900	112,885	112,682
	2025	8,011	8,133	8,079	8,320	9,889	11,193	11,019	11,598	11,254	10,265	7,556	7,941	113,257	113,125
	2026	8,048	8,169	8,114	8,357	9,931	11,237	11,060	11,640	11,294	10,301	7,583	7,969	113,702	113,611
	2027	8,075	8,197	8,142	8,386	9,965	11,274	11,095	11,679	11,332	10,335	7,609	7,998	114,088	113,999
	2028	8,103	8,543	8,170	8,416	10,000	11,313	11,133	11,720	11,372	10,371	7,635	8,026	114,803	114,712
	2029	8,132	8,255	8,199	8,447	10,037	11,355	11,174	11,765	11,416	10,409	7,663	8,058	114,911	114,812
	2030	8,163	8,287	8,230	8,479	10,075	11,398	11,214	11,809	11,458	10,448	7,692	8,088	115,341	115,244
Projected	2031	8,194	8,318	8,260	8,511	10,112	11,440	11,255	11,854	11,502	10,486	7,720	8,119	115,772	115,675
	2032	8,225	8,672	8,292	8,544	10,152	11,485	11,299	11,902	11,548	10,527	7,751	8,152	116,549	116,445
	2033	8,259	8,383	8,325	8,579	10,193	11,532	11,344	11,951	11,595	10,569	7,782	8,186	116,698	116,592
	2034	8,293	8,418	8,359	8,615	10,235	11,580	11,391	12,002	11,644	10,612	7,814	8,220	117,182	117,073
	2035	8,328	8,453	8,394	8,651	10,277	11,629	11,438	12,053	11,694	10,655	7,846	8,255	117,672	117,562
	2036	8,364	8,817	8,429	8,687	10,320	11,677	11,485	12,104	11,743	10,698	7,877	8,289	118,487	118,379
	2037	8,399	8,523	8,463	8,722	10,362	11,725	11,531	12,154	11,791	10,741	7,908	8,323	118,640	118,532
	2038	8,433	8,558	8,496	8,757	10,403	11,771	11,576	12,203	11,838	10,782	7,938	8,355	119,110	119,007
	2039	8,466	8,591	8,529	8,791	10,443	11,817	11,620	12,251	11,885	10,822	7,969	8,388	119,571	119,467
	2040	8,500	8,958	8,561	8,825	10,484	11,863	11,664	12,299	11,931	10,863	7,999	8,421	120,368	120,264

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	6.9%	6.3%	7.1%	8.6%	9.3%	10.5%	9.7%	10.2%	9.5%	8.1%	7.0%	6.8%	100.0%
	2012	7.1%	6.8%	7.7%	7.7%	9.1%	9.9%	9.8%	9.9%	9.3%	8.9%	6.9%	7.0%	100.0%
	2013	6.9%	6.8%	6.7%	8.1%	8.6%	9.7%	9.2%	10.2%	9.4%	9.4%	7.7%	7.3%	100.0%
	2014	7.1%	6.5%	7.2%	8.1%	9.5%	10.0%	9.7%	10.6%	9.2%	8.7%	6.6%	6.8%	100.0%
	2015	6.2%	6.0%	7.5%	8.3%	9.1%	10.2%	9.5%	9.7%	9.2%	8.8%	7.9%	7.4%	100.0%
	2016	6.4%	6.1%	7.2%	7.7%	8.9%	10.2%	10.5%	10.4%	9.7%	8.9%	6.7%	7.3%	100.0%
	2017	6.8%	6.4%	7.1%	7.9%	9.4%	9.6%	10.0%	10.4%	9.3%	9.0%	7.2%	6.9%	100.0%
	2018	6.8%	6.7%	6.6%	7.8%	8.4%	9.8%	9.8%	10.1%	10.1%	9.5%	7.8%	6.7%	100.0%
	2019	6.7%	6.4%	7.0%	7.9%	9.4%	10.0%	9.8%	9.8%	10.2%	9.4%	6.8%	6.6%	100.0%
	2020	6.4%	6.3%	7.6%	8.1%	8.6%	9.6%	10.0%	10.5%	10.1%	9.0%	6.7%	7.0%	100.0%
Projected	2021	7.1%	7.2%	7.1%	7.3%	8.7%	9.9%	9.8%	10.3%	10.0%	9.1%	6.7%	7.0%	100.0%
	2022	7.1%	7.2%	7.1%	7.3%	8.7%	9.9%	9.7%	10.3%	9.9%	9.1%	6.7%	7.0%	100.0%
	2023	7.1%	7.2%	7.1%	7.3%	8.7%	9.9%	9.7%	10.3%	9.9%	9.1%	6.7%	7.0%	100.0%
	2024	7.0%	7.4%	7.1%	7.3%	8.7%	9.9%	9.7%	10.2%	9.9%	9.0%	6.7%	7.0%	100.0%
	2025	7.1%	7.2%	7.1%	7.3%	8.7%	9.9%	9.7%	10.2%	9.9%	9.1%	6.7%	7.0%	100.0%
	2026	7.1%	7.2%	7.1%	7.3%	8.7%	9.9%	9.7%	10.2%	9.9%	9.1%	6.7%	7.0%	100.0%
	2027	7.1%	7.2%	7.1%	7.4%	8.7%	9.9%	9.7%	10.2%	9.9%	9.1%	6.7%	7.0%	100.0%
	2028	7.1%	7.4%	7.1%	7.3%	8.7%	9.9%	9.7%	10.2%	9.9%	9.0%	6.7%	7.0%	100.0%
	2029	7.1%	7.2%	7.1%	7.4%	8.7%	9.9%	9.7%	10.2%	9.9%	9.1%	6.7%	7.0%	100.0%
	2030	7.1%	7.2%	7.1%	7.4%	8.7%	9.9%	9.7%	10.2%	9.9%	9.1%	6.7%	7.0%	100.0%
Avg.	2011-2020	6.7%	6.4%	7.2%	8.0%	9.0%	10.0%	9.8%	10.2%	9.6%	9.0%	7.1%	7.0%	100.0%
	2021-2030	7.1%	7.2%	7.1%	7.3%	8.7%	9.9%	9.7%	10.2%	9.9%	9.1%	6.7%	7.0%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Severe Weather Case

Clewiston

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	20.1	15.1	17.3	22.0	20.0	24.8	21.0	28.6	20.6	20.8	19.5	15.1	23.7	28.6
	2012	20.6	16.2	18.7	17.4	19.9	24.6	27.3	21.4	20.4	21.4	19.9	15.1	20.6	27.3
	2013	17.4	22.9	14.9	18.0	18.4	24.6	19.6	20.8	19.7	21.3	17.4	16.0	22.9	24.6
	2014	15.9	15.6	17.0	19.5	22.4	23.8	21.1	22.2	26.7	19.6	16.4	14.5	17.4	26.7
	2015	14.4	26.9	17.1	19.7	20.8	26.7	21.4	22.1	21.2	24.4	19.4	16.5	26.9	26.7
	2016	14.8	15.6	17.7	20.4	21.0	25.6	24.2	22.8	25.1	26.0	16.0	16.9	19.4	25.6
	2017	21.3	19.3	16.8	20.0	21.2	25.8	26.7	23.9	22.0	20.2	16.4	16.0	21.3	26.7
	2018	16.8	16.7	16.6	18.8	18.1	24.8	21.7	22.2	23.8	21.1	27.6	16.6	16.8	24.8
	2019	22.5	16.6	16.3	18.7	21.6	26.1	21.7	29.4	26.9	24.1	18.1	15.6	27.6	29.4
	2020	20.6	16.7	18.6	20.9	20.3	25.4	25.4	26.3	28.7	22.7	19.2	17.5	20.6	28.7
Projected	2021	22.2	18.5	17.6	20.7	21.7	28.8	23.9	24.9	26.4	22.7	19.2	17.7	22.2	28.8
	2022	22.5	18.8	17.8	20.9	21.9	29.0	24.1	25.1	26.6	23.0	19.4	17.9	22.5	29.0
	2023	22.7	19.0	17.9	21.1	22.1	29.3	24.3	25.3	26.8	23.2	19.6	18.1	22.7	29.3
	2024	22.9	19.2	18.1	21.3	22.3	29.5	24.5	25.6	27.1	23.3	19.7	18.2	22.9	29.5
	2025	23.1	19.3	18.2	21.4	22.4	29.7	24.7	25.7	27.2	23.5	19.9	18.3	23.1	29.7
	2026	23.2	19.4	18.2	21.5	22.5	29.8	24.7	25.8	27.3	23.6	19.9	18.3	23.2	29.8
	2027	23.3	19.4	18.3	21.6	22.5	29.9	24.8	25.9	27.4	23.7	20.0	18.4	23.3	29.9
	2028	23.4	19.6	18.4	21.6	22.6	30.0	24.9	26.0	27.5	23.7	20.1	18.5	23.4	30.0
	2029	23.4	19.6	18.5	21.7	22.7	30.1	25.0	26.1	27.6	23.8	20.2	18.6	23.4	30.1
	2030	23.5	19.7	18.5	21.8	22.8	30.2	25.1	26.2	27.7	23.9	20.2	18.6	23.5	30.2
Projected	2031	23.6	19.7	18.6	21.9	22.9	30.4	25.2	26.3	27.8	24.0	20.3	18.7	23.6	30.4
	2032	23.8	19.9	18.7	22.0	23.0	30.5	25.3	26.4	27.9	24.1	20.4	18.8	23.8	30.5
	2033	23.8	19.9	18.8	22.1	23.1	30.6	25.4	26.5	28.0	24.2	20.5	18.9	23.8	30.6
	2034	23.9	20.0	18.8	22.2	23.2	30.7	25.5	26.6	28.2	24.3	20.6	18.9	23.9	30.7
	2035	24.0	20.1	18.9	22.3	23.3	30.9	25.6	26.7	28.3	24.4	20.7	19.1	24.0	30.9
	2036	24.2	20.2	19.0	22.3	23.4	31.0	25.7	26.8	28.4	24.5	20.8	19.1	24.2	31.0
	2037	24.2	20.2	19.1	22.4	23.5	31.1	25.8	26.9	28.5	24.6	20.9	19.2	24.2	31.1
	2038	24.3	20.3	19.2	22.5	23.6	31.2	25.9	27.0	28.6	24.7	20.9	19.3	24.3	31.2
	2039	24.4	20.4	19.2	22.6	23.7	31.4	26.0	27.1	28.7	24.8	21.0	19.4	24.4	31.4
	2040	24.6	20.5	19.3	22.7	23.8	31.5	26.1	27.2	28.9	24.9	21.1	19.4	24.6	31.5

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	48.7%	65.8%	58.9%	57.8%	66.2%	62.7%	66.4%	51.1%	67.8%	56.0%	52.7%	64.3%	51.2%	42.4%
	2012	47.7%	62.6%	56.9%	63.4%	63.6%	57.5%	49.9%	64.7%	65.3%	58.1%	49.8%	65.0%	57.4%	43.3%
	2013	54.3%	44.9%	62.0%	63.5%	64.3%	55.7%	64.1%	66.9%	67.5%	60.0%	62.0%	61.9%	50.7%	47.1%
	2014	61.2%	63.8%	58.2%	59.0%	58.3%	60.1%	63.5%	65.9%	49.1%	61.5%	57.8%	65.1%	67.2%	43.9%
	2015	63.4%	36.3%	64.4%	64.2%	64.5%	57.8%	65.4%	64.6%	65.4%	53.0%	61.9%	65.9%	46.3%	46.7%
	2016	62.3%	60.8%	58.8%	56.2%	61.5%	59.4%	63.1%	66.3%	57.6%	49.8%	62.9%	62.4%	63.4%	48.1%
	2017	45.8%	52.5%	60.6%	58.6%	63.1%	55.0%	53.3%	62.6%	62.6%	63.4%	65.2%	61.4%	57.0%	45.4%
	2018	57.7%	63.6%	56.7%	61.6%	65.8%	58.5%	64.4%	64.9%	62.3%	64.5%	41.6%	57.3%	72.3%	48.9%
	2019	42.7%	61.1%	61.1%	62.3%	62.2%	56.9%	64.5%	47.4%	56.2%	55.9%	55.2%	60.2%	44.1%	41.3%
	2020	44.6%	58.6%	58.9%	58.1%	60.8%	56.6%	57.0%	57.7%	52.5%	57.7%	52.2%	58.1%	59.5%	42.8%
Projected	2021	46.8%	62.9%	59.4%	53.8%	59.2%	52.3%	60.2%	60.7%	57.4%	58.9%	52.9%	58.3%	56.3%	43.5%
	2022	46.7%	62.8%	59.6%	53.9%	59.3%	52.3%	60.1%	60.7%	57.4%	58.8%	52.8%	58.3%	56.1%	43.5%
	2023	46.7%	62.8%	59.6%	53.9%	59.3%	52.3%	60.1%	60.7%	57.4%	58.8%	52.9%	58.2%	56.2%	43.5%
	2024	46.6%	62.9%	59.7%	53.9%	59.3%	52.3%	60.1%	60.7%	57.4%	58.8%	52.9%	58.4%	56.2%	43.6%
	2025	46.7%	62.8%	59.7%	54.0%	59.4%	52.4%	60.1%	60.7%	57.4%	58.8%	52.9%	58.4%	56.0%	43.5%
	2026	46.6%	62.7%	59.8%	54.0%	59.4%	52.4%	60.1%	60.7%	57.4%	58.7%	52.8%	58.4%	56.0%	43.6%
	2027	46.6%	62.7%	59.8%	54.0%	59.4%	52.4%	60.1%	60.7%	57.4%	58.7%	52.8%	58.3%	56.0%	43.6%
	2028	46.5%	62.8%	59.7%	54.0%	59.4%	52.4%	60.1%	60.7%	57.4%	58.7%	52.8%	58.4%	56.0%	43.7%
	2029	46.6%	62.7%	59.7%	54.0%	59.4%	52.4%	60.0%	60.7%	57.4%	58.7%	52.8%	58.4%	55.9%	43.5%
	2030	46.6%	62.7%	59.7%	54.0%	59.4%	52.4%	60.0%	60.7%	57.4%	58.7%	52.8%	58.4%	55.9%	43.5%
Avg.	2011-2020	52.8%	57.0%	59.7%	60.5%	63.1%	58.0%	61.2%	61.2%	60.6%	58.0%	56.1%	62.2%	56.9%	45.0%
	2021-2030	46.7%	62.8%	59.7%	54.0%	59.3%	52.3%	60.1%	60.7%	57.4%	58.8%	52.8%	58.3%	56.1%	43.6%

FMPA 2021 Load Forecast - Severe Weather Case

Clewiston

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	19.5	12.4	15.9	20.2	18.3	20.9	19.2	20.3	19.1	18.3	16.9	14.2	23.5	20.3
	2012	19.3	15.1	15.5	17.3	18.2	20.8	19.7	20.0	18.2	16.2	12.6	12.0	19.3	19.7
	2013	9.8	13.9	14.9	17.7	18.1	18.8	14.8	19.8	19.2	18.2	17.4	15.0	14.9	19.8
	2014	15.9	11.6	13.6	18.1	19.1	20.0	20.6	21.4	15.6	19.3	10.2	11.6	15.9	21.4
	2015	11.0	26.8	16.7	18.3	20.2	21.3	19.5	19.5	19.9	21.6	18.8	15.5	26.8	21.3
	2016	14.2	15.6	15.6	19.2	20.4	21.4	21.1	22.2	20.6	18.7	14.1	15.6	18.8	21.1
	2017	11.2	15.1	16.7	18.9	20.5	19.9	20.5	22.4	21.6	20.0	16.2	12.7	16.7	22.4
	2018	16.8	15.6	16.6	16.8	17.8	22.7	20.3	21.6	23.8	20.3	17.7	12.7	16.8	21.6
	2019	14.6	16.1	16.3	18.7	20.1	22.3	21.7	15.0	21.5	18.6	18.0	15.2	17.7	22.3
	2020	15.8	15.9	18.2	18.0	19.1	21.7	21.5	21.3	21.7	19.7	17.2	15.4	18.2	21.7
Projected	2021	18.9	17.2	17.1	19.2	20.8	24.3	21.1	22.1	23.0	19.7	17.2	15.6	18.9	22.1
	2022	19.1	17.5	17.2	19.4	21.0	24.6	21.3	22.3	23.2	19.9	17.4	15.7	19.1	22.3
	2023	19.3	17.6	17.4	19.6	21.1	24.8	21.5	22.5	23.4	20.1	17.5	15.9	19.3	22.5
	2024	19.5	17.8	17.5	19.7	21.3	25.0	21.7	22.7	23.6	20.2	17.7	16.0	19.5	22.7
	2025	19.6	17.9	17.6	19.9	21.4	25.1	21.8	22.8	23.8	20.3	17.8	16.1	19.6	22.8
	2026	19.7	18.0	17.7	19.9	21.5	25.2	21.9	22.9	23.8	20.4	17.9	16.1	19.7	22.9
	2027	19.8	18.1	17.8	20.0	21.6	25.3	21.9	23.0	23.9	20.5	17.9	16.2	19.8	23.0
	2028	19.9	18.2	17.8	20.1	21.7	25.4	22.0	23.1	24.0	20.6	18.0	16.2	19.9	23.1
	2029	19.9	18.2	17.9	20.1	21.8	25.5	22.1	23.1	24.1	20.6	18.1	16.3	19.9	23.1
	2030	20.0	18.3	18.0	20.2	21.8	25.6	22.2	23.2	24.2	20.7	18.1	16.4	20.0	23.2
Projected	2031	20.1	18.3	18.0	20.3	21.9	25.7	22.3	23.3	24.3	20.8	18.2	16.5	20.1	23.3
	2032	20.2	18.4	18.1	20.4	22.0	25.8	22.3	23.4	24.4	20.9	18.3	16.5	20.2	23.4
	2033	20.2	18.5	18.2	20.5	22.1	25.9	22.4	23.5	24.5	21.0	18.4	16.6	20.2	23.5
	2034	20.3	18.6	18.3	20.6	22.2	26.0	22.5	23.6	24.6	21.1	18.4	16.6	20.3	23.6
	2035	20.4	18.6	18.4	20.6	22.3	26.1	22.6	23.7	24.7	21.2	18.5	16.7	20.4	23.7
	2036	20.5	18.8	18.4	20.7	22.4	26.2	22.7	23.8	24.8	21.2	18.6	16.8	20.5	23.8
	2037	20.6	18.8	18.5	20.8	22.5	26.3	22.8	23.9	24.9	21.3	18.7	16.8	20.6	23.9
	2038	20.7	18.9	18.6	20.9	22.6	26.4	22.9	24.0	25.0	21.4	18.8	16.9	20.7	24.0
	2039	20.8	19.0	18.7	21.0	22.7	26.5	23.0	24.1	25.1	21.5	18.8	17.0	20.8	24.1
	2040	20.9	19.1	18.7	21.1	22.8	26.6	23.1	24.2	25.2	21.6	18.9	17.1	20.9	24.2

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	96.7%	82.2%	92.1%	91.5%	91.7%	84.2%	91.6%	70.9%	92.5%	87.9%	86.8%	94.1%	99.2%	70.9%
	2012	93.5%	93.2%	82.5%	99.4%	91.3%	84.4%	72.3%	93.6%	89.2%	76.0%	63.4%	79.5%	93.5%	72.3%
	2013	56.1%	60.6%	100.0%	98.4%	98.7%	76.3%	75.7%	95.1%	97.4%	85.6%	100.0%	93.8%	64.9%	80.4%
	2014	100.0%	74.3%	80.3%	92.6%	85.2%	84.0%	97.6%	96.3%	58.5%	98.7%	62.4%	80.3%	91.2%	80.2%
	2015	76.2%	99.7%	97.9%	93.0%	97.0%	79.7%	91.1%	88.1%	93.8%	88.5%	97.3%	94.1%	99.7%	79.7%
	2016	95.9%	100.0%	88.2%	94.3%	97.2%	83.7%	87.1%	97.5%	82.3%	72.1%	88.4%	92.6%	97.3%	82.4%
	2017	52.6%	78.2%	99.3%	94.3%	96.7%	77.2%	76.5%	93.7%	98.3%	99.0%	99.0%	79.4%	78.3%	83.6%
	2018	100.0%	93.5%	100.0%	89.4%	98.2%	91.3%	93.8%	97.6%	100.0%	96.5%	64.0%	76.3%	100.0%	87.2%
	2019	64.7%	97.1%	100.0%	100.0%	92.8%	85.6%	100.0%	51.0%	80.1%	77.1%	99.3%	96.9%	64.0%	75.8%
	2020	76.5%	95.5%	97.6%	86.0%	94.1%	85.2%	84.4%	81.1%	75.7%	86.6%	89.6%	87.8%	88.0%	75.5%
Projected	2021	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.4%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.9%
	2022	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.9%
	2023	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.9%
	2024	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2025	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2026	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2027	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2028	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2029	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2030	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2011-2020	81.2%	87.4%	93.8%	93.9%	94.3%	83.2%	87.0%	86.5%	86.8%	86.8%	85.0%	87.5%	87.6%	78.8%
	2021-2030	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%

FMPA 2021 Load Forecast - Severe Weather Case - Clewiston

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

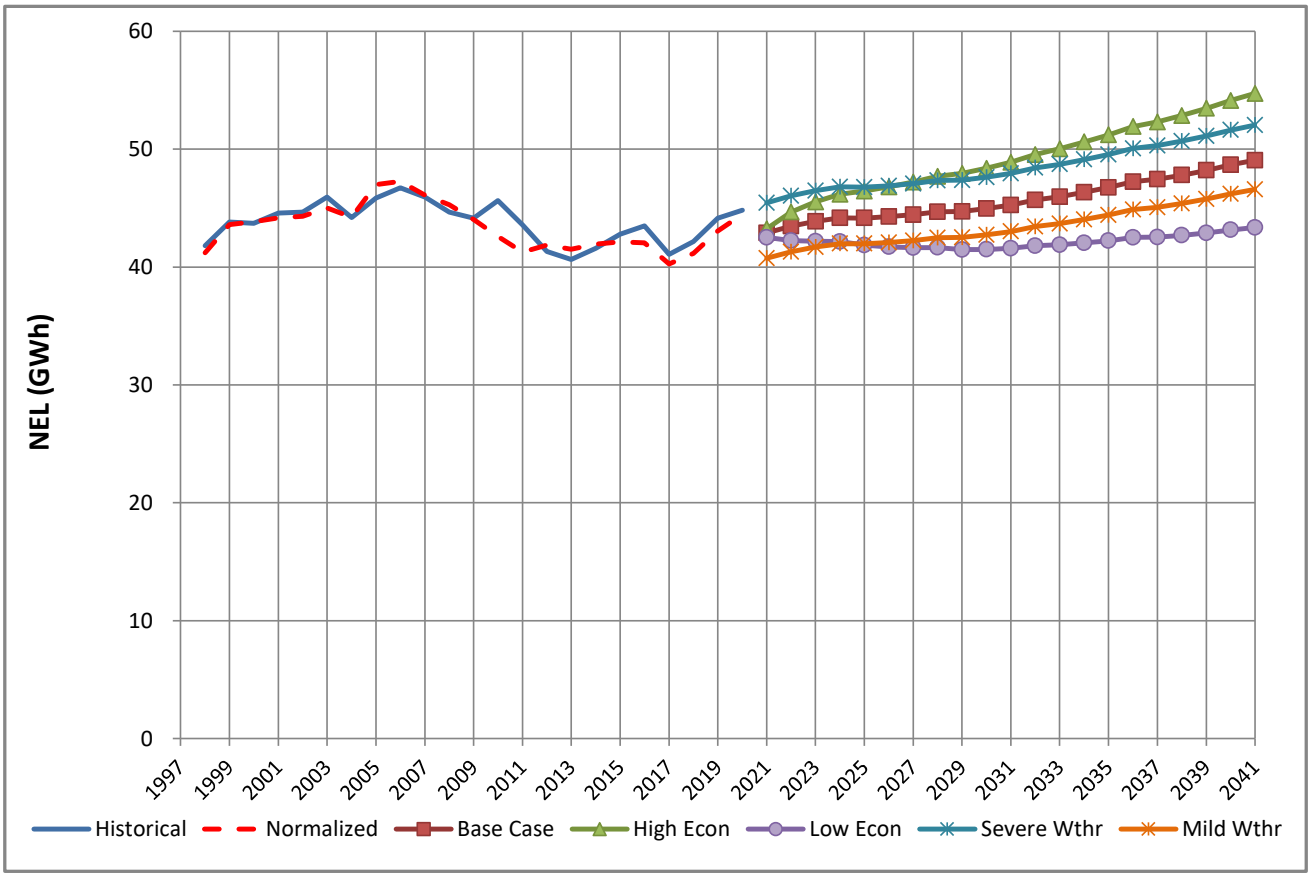
		Residential						General Service Non-Demand						General Service Demand						US Sugar		Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	49,594		3,325		14,917		10,409		515		20.2		36,128		119		304		3,487		512		100,130		8,218	7.6%	108,348	
	2012	47,531	-4.2%	3,335	0.3%	14,254	-4.4%	9,174	-11.9%	503	-2.3%	18.2	-9.8%	37,195	3.0%	122	2.8%	304	0.1%	1,825	-47.7%	402	-21.5%	96,127	-4.0%	6,999	6.8%	103,126	-4.8%
	2013	45,414	-4.5%	3,351	0.5%	13,552	-4.9%	7,837	-14.6%	499	-0.8%	15.7	-13.9%	36,033	-3.1%	127	3.6%	284	-6.5%	2,582	41.5%	387	-3.9%	92,253	-4.0%	8,315	8.3%	100,568	-2.5%
	2014	48,637	7.1%	3,384	1.0%	14,371	6.0%	8,527	8.8%	487	-2.4%	17.5	11.5%	37,352	3.7%	129	1.6%	290	2.0%	2,720	5.3%	412	6.7%	97,648	5.8%	6,915	6.6%	104,563	4.0%
	2015	50,179	3.2%	3,430	1.3%	14,632	1.8%	8,746	2.6%	474	-2.8%	18.5	5.5%	37,752	1.1%	130	1.0%	290	0.0%	1,676	-38.4%	381	-7.5%	98,734	1.1%	6,800	6.4%	105,534	0.9%
	2016	51,631	2.9%	3,432	0.1%	15,043	2.8%	8,748	0.0%	471	-0.5%	18.6	0.6%	38,682	2.5%	132	1.8%	292	0.7%	2,080	24.1%	406	6.4%	101,547	2.8%	7,777	7.1%	109,324	3.6%
	2017	49,963	-3.2%	3,452	0.6%	14,476	-3.8%	8,953	2.3%	499	5.9%	17.9	-3.4%	37,937	-1.9%	134	1.1%	283	-3.0%	2,023	-2.7%	414	2.0%	99,290	-2.2%	7,331	6.9%	106,621	-2.5%
	2018	50,070	0.2%	3,444	-0.2%	14,540	0.4%	8,979	0.3%	483	-3.2%	18.6	3.6%	37,479	-1.2%	134	-0.2%	281	-1.0%	1,321	-34.7%	385	-6.9%	98,234	-1.1%	7,073	6.7%	105,307	-1.2%
	2019	52,102	4.1%	3,463	0.6%	15,044	3.5%	9,277	3.3%	475	-1.7%	19.5	5.1%	37,802	0.9%	133	-0.4%	284	1.3%	1,162	-12.0%	383	-0.5%	100,726	2.5%	6,893	6.4%	107,619	2.2%
	2020	53,497	2.7%	3,536	2.1%	15,130	0.6%	8,732	-5.9%	492	3.6%	17.7	-9.1%	35,901	-5.0%	136	2.6%	263	-7.5%	860	-26.0%	362	-5.6%	99,352	-1.4%	7,911	7.4%	107,264	-0.3%
Projected	2021	55,120	3.0%	3,544	0.2%	15,555	2.8%	8,930	2.3%	500	1.7%	17.8	0.6%	36,108	0.6%	140	2.5%	258	-1.8%	1,114	29.6%	362	0.0%	101,634	2.3%	7,501	6.9%	109,134	1.7%
	2022	55,402	0.5%	3,549	0.2%	15,610	0.4%	9,133	2.3%	503	0.6%	18.1	1.7%	36,951	2.3%	142	1.5%	261	0.8%	1,114	0.0%	362	0.0%	102,962	1.3%	7,589	6.9%	110,551	1.3%
	2023	55,549	0.3%	3,559	0.3%	15,607	0.0%	9,344	2.3%	505	0.4%	18.5	1.9%	37,465	1.4%	144	1.7%	260	-0.3%	1,114	0.0%	362	0.0%	103,835	0.8%	7,653	6.9%	111,487	0.8%
	2024	55,649	0.2%	3,568	0.3%	15,595	-0.1%	9,574	2.5%	506	0.3%	18.9	2.2%	38,074	1.6%	147	1.7%	260	-0.1%	1,114	0.0%	362	0.0%	104,774	0.9%	8,036	7.1%	112,809	1.2%
	2025	55,746	0.2%	3,577	0.2%	15,586	-0.1%	9,776	2.1%	507	0.2%	19.3	1.9%	38,498	1.1%	149	1.7%	258	-0.5%	1,114	0.0%	362	0.0%	105,497	0.7%	7,774	6.9%	113,271	0.4%
	2026	55,839	0.2%	3,584	0.2%	15,580	0.0%	9,949	1.8%	508	0.2%	19.6	1.6%	38,709	0.5%	152	1.7%	255	-1.1%	1,114	0.0%	362	0.0%	105,973	0.5%	7,808	6.9%	113,781	0.5%
	2027	55,955	0.2%	3,591	0.2%	15,584	0.0%	10,103	1.6%	509	0.2%	19.8	1.4%	38,826	0.3%	154	1.6%	252	-1.3%	1,114	0.0%	362	0.0%	106,360	0.4%	7,836	6.9%	114,196	0.4%
	2028	56,122	0.3%	3,597	0.2%	15,603	0.1%	10,252	1.5%	510	0.2%	20.1	1.3%	38,903	0.2%	156	1.6%	249	-1.4%	1,114	0.0%	362	0.0%	106,754	0.4%	8,184	7.1%	114,938	0.6%
	2029	56,327	0.4%	3,603	0.2%	15,635	0.2%	10,401	1.5%	511	0.2%	20.3	1.3%	38,965	0.2%	159	1.6%	245	-1.4%	1,114	0.0%	362	0.0%	107,170	0.4%	7,897	6.9%	115,067	0.1%
	2030	56,547	0.4%	3,608	0.1%	15,673	0.2%	10,551	1.4%	512	0.2%	20.6	1.3%	39,026	0.2%	161	1.6%	242	-1.4%	1,114	0.0%	362	0.0%	107,601	0.4%	7,929	6.9%	115,529	0.4%
	2031	56,763	0.4%	3,613	0.1%	15,713	0.3%	10,699	1.4%	513	0.2%	20.9	1.2%	39,082	0.1%	164	1.6%	238	-1.4%	1,114	0.0%	362	0.0%	108,021	0.4%	7,960	6.9%	115,981	0.4%
	2032	56,991	0.4%	3,617	0.1%	15,757	0.3%	10,848	1.4%	514	0.2%	21.1	1.2%	39,142	0.2%	166	1.5%	235	-1.4%	1,114	0.0%	362	0.0%	108,457	0.4%	8,315	7.1%	116,773	0.7%
	2033	57,241	0.4%	3,621	0.1%	15,808	0.3%	10,998	1.4%	515	0.2%	21.4	1.2%	39,200	0.1%	169	1.5%	232	-1.4%	1,114	0.0%	362	0.0%	108,915	0.4%	8,026	6.9%	116,941	0.1%
	2034	57,507	0.5%	3,625	0.1%	15,866	0.4%	11,148	1.4%	516	0.2%	21.6	1.2%	39,252	0.1%	172	1.5%	229	-1.4%	1,114	0.0%	362	0.0%	109,383	0.4%	8,061	6.9%	117,444	0.4%
	2035	57,783	0.5%	3,628	0.1%	15,926	0.4%	11,299	1.4%	516	0.2%	21.9	1.2%	39,302	0.1%	174	1.5%	226	-1.4%	1,114	0.0%	362	0.0%	109,860	0.4%	8,096	6.9%	117,956	0.4%
	2036	58,056	0.5%	3,632	0.1%	15,987	0.4%	11,451	1.3%	517	0.2%	22.1	1.2%	39,355	0.1%	177	1.5%	223	-1.3%	1,114	0.0%	362	0.0%	110,338	0.4%	8,460	7.1%	118,798	0.7%
	2037	58,324	0.5%	3,635	0.1%	16,046	0.4%	11,605	1.3%	518	0.2%	22.4	1.2%	39,406	0.1%	179	1.5%	220	-1.3%	1,114	0.0%	362	0.0%	110,810	0.4%	8,166	6.9%	118,977	0.2%
	2038	58,586	0.5%	3,638	0.1%	16,103	0.4%	11,760	1.3%	519	0.2%	22.7	1.2%	39,454	0.1%	182	1.5%	217	-1.3%	1,114	0.0%	362	0.0%	111,277	0.4%	8,201	6.9%	119,478	0.4%
	2039	58,836	0.4%	3,641	0.1%	16,159	0.3%	11,916	1.3%	520	0.2%	22.9	1.2%	39,503	0.1%	185	1.5%	214	-1.3%	1,114	0.0%	362	0.0%	111,732	0.4%	8,234	6.9%	119,966	0.4%
	2040	59,087	0.4%	3,644	0.1%	16,214	0.3%	12,073	1.3%	521	0.2%	23.2	1.2%	39,552	0.1%	187	1.5%	211	-1.3%	1,114	0.0%	362	0.0%	112,189	0.4%	8,602	7.1%	120,792	0.7%
CAGR	2011-2020		0.8%		0.7%		0.2%		-1.9%		-0.5%		-1.4%		-0.1%		1.5%		-1.6%		-14.4%		-3.8%		-0.1%		7.0%		-0.1%
	2021-2030		0.3%		0.2%		0.1%		1.9%		0.3%		1.6%		0.9%		1.6%		-0.7%		0.0%		0.0%		0.6%		6.9%		0.6%
	2031-2040		0.4%		0.1%		0.3%		1.4%		0.2%		1.2%		0.1%		1.5%		-1.3%		0.0%		0.0%		0.4%		6.9%		0.5%

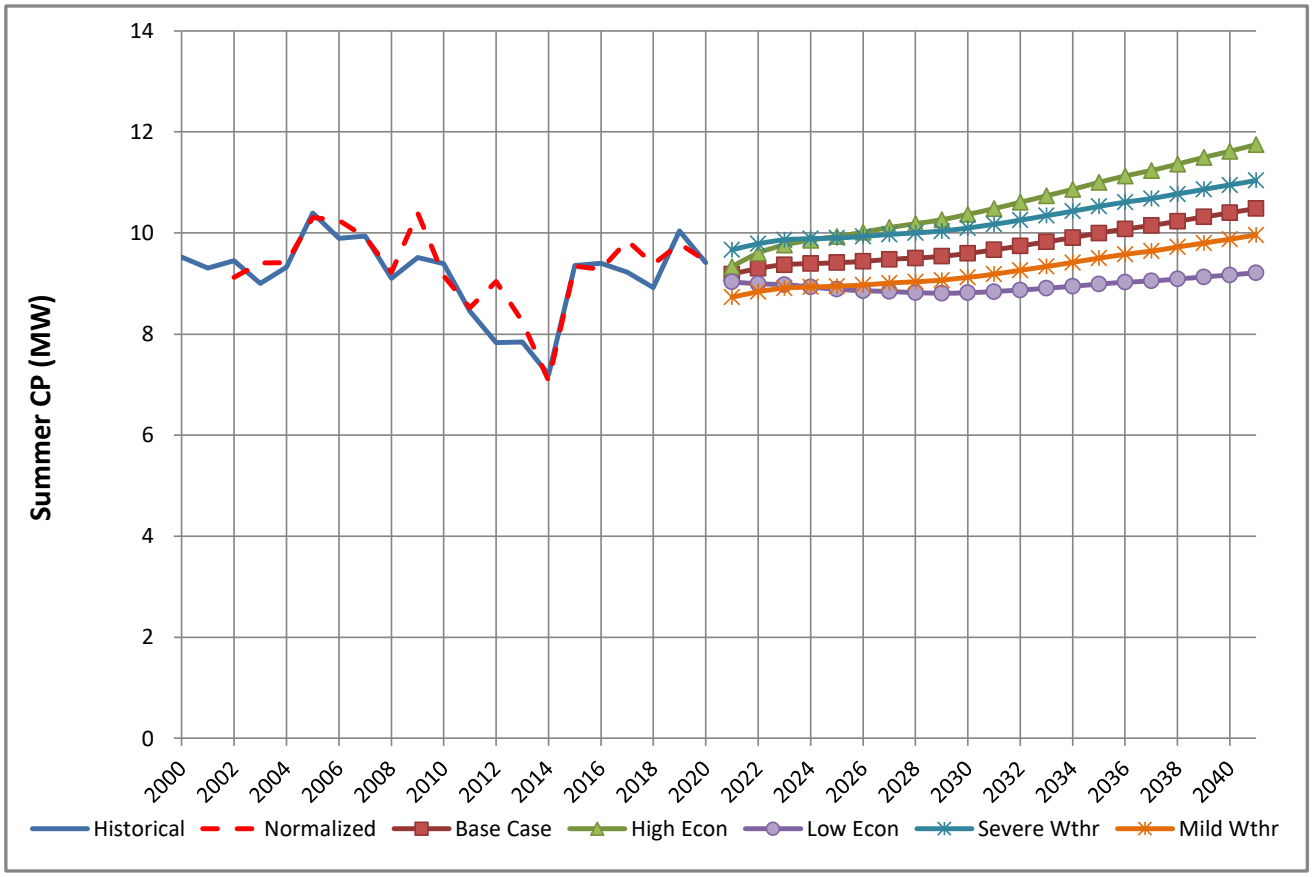
CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast

Fort Meade

Historical and Projected NEL and Annual Coincident Peak Demand





FMPA 2021 Load Forecast - Low Economic Case

Ft. Meade (Full Req'ts)

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	43,569	-	41,264	-	-5.3%	12.3	-	11.0	-	-11.2%	8.4	-	8.4		-0.3%
	2012	41,322	-5.2%	41,877	1.5%	1.3%	10.9	-11.5%	10.2	-7.1%	-6.8%	7.8	-7.2%	9.0	6.6%	14.7%
	2013	40,645	-1.6%	41,502	-0.9%	2.1%	8.7	-20.1%	9.0	-11.1%	3.8%	7.8	0.2%	8.2	-8.8%	4.5%
	2014	41,588	2.3%	41,939	1.1%	0.8%	9.3	6.8%	10.6	17.2%	13.9%	7.2	-8.3%	7.0	-14.3%	-2.4%
	2015	42,783	2.9%	42,130	0.5%	-1.5%	10.6	14.2%	10.0	-6.1%	-6.4%	9.4	30.0%	9.3	33.0%	-0.1%
	2016	43,483	1.6%	42,055	-0.2%	-3.3%	7.8	-26.3%	9.5	-4.7%	21.0%	9.4	0.5%	9.3	-0.7%	-1.3%
	2017	41,077	-5.5%	40,262	-4.3%	-2.0%	6.7	-14.9%	10.0	4.9%	49.2%	9.2	-1.9%	9.8	6.2%	6.8%
	2018	42,163	2.6%	41,159	2.2%	-2.4%	11.8	76.5%	10.9	9.7%	-7.2%	8.9	-3.3%	9.4	-4.7%	5.2%
	2019	44,148	4.7%	43,063	4.6%	-2.5%	7.2	-38.5%	11.3	3.2%	55.5%	10.0	12.6%	9.8	4.3%	-2.5%
	2020	44,837	1.6%	44,468	3.3%	-0.8%	8.6	18.5%	11.1	-1.5%	29.2%	9.4	-6.2%	9.4	-3.4%	0.4%
Projected	2021	42,508	-5.2%	42,508	-4.4%		10.1	17.2%	10.1	-9.3%		9.0	-4.0%	9.0	-4.4%	
	2022			42,238	-0.6%				9.9	-1.2%				9.0	-0.5%	
	2023			42,198	-0.1%				9.9	0.0%				9.0	-0.2%	
	2024			42,156	-0.1%				9.9	-0.3%				8.9	-0.5%	
	2025			41,865	-0.7%				9.9	-0.3%				8.9	-0.5%	
	2026			41,715	-0.4%				9.8	-0.4%				8.9	-0.3%	
	2027			41,641	-0.2%				9.8	-0.2%				8.8	-0.2%	
	2028			41,658	0.0%				9.8	-0.3%				8.8	-0.2%	
	2029			41,484	-0.4%				9.8	-0.1%				8.8	-0.2%	
	2030			41,499	0.0%				9.8	0.0%				8.8	0.1%	
	2031			41,590	0.2%				9.8	0.2%				8.8	0.3%	
	2032			41,808	0.5%				9.8	0.1%				8.9	0.4%	
	2033			41,881	0.2%				9.9	0.5%				8.9	0.4%	
	2034			42,049	0.4%				9.9	0.4%				8.9	0.4%	
	2035			42,233	0.4%				9.9	0.4%				9.0	0.5%	
	2036			42,508	0.6%				10.0	0.3%				9.0	0.4%	
	2037			42,544	0.1%				10.0	0.5%				9.0	0.3%	
	2038			42,694	0.4%				10.0	0.3%				9.1	0.4%	
	2039			42,894	0.5%				10.1	0.5%				9.1	0.5%	
	2040			43,155	0.6%				10.1	0.2%				9.2	0.4%	
CAGR [3]	2011-2020		0.3%		0.8%			-3.9%		0.1%			1.2%		1.3%	
	2021-2030				-0.3%					-0.3%					-0.3%	
	2031-2040				0.4%					0.4%					0.4%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Ft. Meade (Full Req'ts)

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	43,569	-	43,569	-	12.5	9.7	12.5	9.7	12.3	8.4	12.3	8.4
	2012	41,322	-5.2%	41,322	-5.2%	11.0	8.9	11.0	8.9	10.9	7.8	10.9	7.8
	2013	40,645	-1.6%	40,645	-1.6%	9.6	8.8	9.6	8.8	8.7	7.8	8.7	7.8
	2014	41,588	2.3%	41,588	2.3%	9.9	9.4	9.9	9.4	9.3	7.2	9.3	7.2
	2015	42,783	2.9%	42,783	2.9%	11.1	9.5	11.1	9.5	10.6	9.4	10.6	9.4
	2016	43,483	1.6%	41,764	-2.4%	9.7	9.5	9.4	9.2	7.8	9.4	7.8	9.1
	2017	41,077	-5.5%	38,770	-7.2%	8.5	9.7	8.2	9.4	6.7	9.2	6.4	8.9
	2018	42,163	2.6%	40,473	4.4%	11.8	9.3	10.4	9.3	11.8	8.9	10.4	8.9
	2019	44,148	4.7%	44,148	9.1%	8.8	10.0	8.8	10.0	7.2	10.0	7.2	10.0
	2020	44,837	1.6%	43,177	-2.2%	10.0	10.0	10.6	9.6	8.6	9.4	10.4	9.4
Projected	2021	42,508	-5.2%	42,402	-1.8%	10.3	9.6	10.5	9.5	10.1	9.0	10.2	9.3
	2022	42,238	-0.6%	42,321	-0.2%	10.2	9.6	10.4	9.5	9.9	9.0	10.2	9.3
	2023	42,198	-0.1%	42,254	-0.2%	10.2	9.6	10.4	9.5	9.9	9.0	10.2	9.3
	2024	42,156	-0.1%	42,258	0.0%	10.2	9.5	10.4	9.5	9.9	8.9	10.2	9.2
	2025	41,865	-0.7%	42,094	-0.4%	10.2	9.5	10.4	9.5	9.9	8.9	10.2	9.2
	2026	41,715	-0.4%	42,069	-0.1%	10.1	9.4	10.4	9.5	9.8	8.9	10.2	9.2
	2027	41,641	-0.2%	42,055	0.0%	10.1	9.4	10.4	9.5	9.8	8.8	10.2	9.2
	2028	41,658	0.0%	42,098	0.1%	10.1	9.4	10.4	9.4	9.8	8.8	10.1	9.2
	2029	41,484	-0.4%	41,927	-0.4%	10.1	9.4	10.4	9.4	9.8	8.8	10.1	9.2
	2030	41,499	0.0%	41,906	-0.1%	10.1	9.4	10.3	9.4	9.8	8.8	10.1	9.2
	2031	41,590	0.2%	41,933	0.1%	10.1	9.4	10.3	9.4	9.8	8.8	10.1	9.2
	2032	41,808	0.5%	42,055	0.3%	10.1	9.5	10.3	9.4	9.8	8.9	10.1	9.2
	2033	41,881	0.2%	42,019	-0.1%	10.1	9.5	10.4	9.5	9.9	8.9	10.1	9.2
	2034	42,049	0.4%	42,077	0.1%	10.2	9.5	10.4	9.5	9.9	8.9	10.2	9.2
	2035	42,233	0.4%	42,146	0.2%	10.2	9.6	10.4	9.5	9.9	9.0	10.2	9.2
	2036	42,508	0.6%	42,300	0.4%	10.3	9.6	10.4	9.5	10.0	9.0	10.2	9.3
	2037	42,544	0.1%	42,214	-0.2%	10.3	9.7	10.4	9.5	10.0	9.0	10.2	9.3
	2038	42,694	0.4%	42,223	0.0%	10.3	9.7	10.4	9.5	10.0	9.1	10.2	9.3
	2039	42,894	0.5%	42,255	0.1%	10.4	9.7	10.4	9.5	10.1	9.1	10.2	9.3
	2040	43,155	0.6%			10.4	9.8			10.1	9.2		
CAGR[1]	Historical		0.3%		0.2%	-2.4%	0.4%	-4.3%	0.5%	-3.0%	2.3%	-5.7%	3.6%
	1st 10 Prj Yrs		-0.3%		-0.3%	-0.3%	-0.3%	-0.3%	-0.2%	-0.3%	-0.3%	-0.3%	-0.2%
	2nd 10 Prj Yrs		0.4%		0.1%	0.4%	0.4%	0.1%	0.1%	0.4%	0.4%	0.1%	0.1%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Ft. Meade (Full Req'ts)

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	43,569	-	41,264	-	-5.3%	12.3	-	11.0	-	-11.2%	8.4	-	8.4		-0.3%
	2012	41,322	-5.2%	41,877	1.5%	1.3%	10.9	-11.5%	10.2	-7.1%	-6.8%	7.8	-7.2%	9.0	6.6%	14.7%
	2013	40,645	-1.6%	41,502	-0.9%	2.1%	8.7	-20.1%	9.0	-11.1%	3.8%	7.8	0.2%	8.2	-8.8%	4.5%
	2014	41,588	2.3%	41,939	1.1%	0.8%	9.3	6.8%	10.6	17.2%	13.9%	7.2	-8.3%	7.0	-14.3%	-2.4%
	2015	42,783	2.9%	42,130	0.5%	-1.5%	10.6	14.2%	10.0	-6.1%	-6.4%	9.4	30.0%	9.3	33.0%	-0.1%
	2016	43,483	1.6%	42,055	-0.2%	-3.3%	7.8	-26.3%	9.5	-4.7%	21.0%	9.4	0.5%	9.3	-0.7%	-1.3%
	2017	41,077	-5.5%	40,262	-4.3%	-2.0%	6.7	-14.9%	10.0	4.9%	49.2%	9.2	-1.9%	9.8	6.2%	6.8%
	2018	42,163	2.6%	41,159	2.2%	-2.4%	11.8	76.5%	10.9	9.7%	-7.2%	8.9	-3.3%	9.4	-4.7%	5.2%
	2019	44,148	4.7%	43,063	4.6%	-2.5%	7.2	-38.5%	11.3	3.2%	55.5%	10.0	12.6%	9.8	4.3%	-2.5%
	2020	44,837	1.6%	43,431	0.9%	-3.1%	8.6	18.5%	11.1	-1.5%	29.2%	9.4	-6.2%	9.4	-3.4%	0.4%
Projected	2021	42,238	-5.8%	42,238	-2.7%		10.1	17.2%	10.1	-9.3%		9.0	-4.7%	9.0	-5.1%	
	2022			41,892	-0.8%				9.9	-1.2%				8.9	-0.7%	
	2023			41,775	-0.3%				9.9	0.0%				8.9	-0.4%	
	2024			41,645	-0.3%				9.9	-0.3%				8.8	-0.8%	
	2025			41,255	-0.9%				9.9	-0.3%				8.7	-0.8%	
	2026			40,961	-0.7%				9.8	-0.4%				8.7	-0.7%	
	2027			40,728	-0.6%				9.8	-0.2%				8.6	-0.6%	
	2028			40,573	-0.4%				9.8	-0.3%				8.6	-0.7%	
	2029			40,221	-0.9%				9.8	-0.1%				8.5	-0.7%	
	2030			40,048	-0.4%				9.8	0.0%				8.5	-0.4%	
	2031			40,021	-0.1%				9.8	0.2%				8.5	-0.1%	
	2032			40,115	0.2%				9.8	0.1%				8.5	0.0%	
	2033			40,065	-0.1%				9.9	0.5%				8.5	0.1%	
	2034			40,104	0.1%				9.9	0.4%				8.5	0.1%	
	2035			40,153	0.1%				9.9	0.4%				8.5	0.1%	
	2036			40,280	0.3%				10.0	0.3%				8.5	0.0%	
	2037			40,166	-0.3%				10.0	0.5%				8.5	-0.1%	
	2038			40,155	0.0%				10.0	0.3%				8.5	0.0%	
	2039			40,183	0.1%				10.1	0.5%				8.5	0.0%	
	2040			40,268	0.2%				10.1	0.2%				8.5	0.0%	
CAGR [3]	2011-2020		0.3%		0.6%			-3.9%		0.1%			1.2%		1.3%	
	2021-2030				-0.6%					-0.3%					-0.6%	
	2031-2040				0.1%					0.4%					0.0%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Ft. Meade (Full Req'ts)

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	43,569	-	41,264	-	-5.3%	12.5	-	39.8%	9.7	-	51.5%
	2012	41,322	-5.2%	41,877	1.5%	1.3%	11.0	-11.9%	42.9%	8.9	-7.9%	53.0%
	2013	40,645	-1.6%	41,502	-0.9%	2.1%	9.6	-12.9%	48.4%	8.8	-0.8%	52.6%
	2014	41,588	2.3%	41,939	1.1%	0.8%	9.9	3.8%	47.7%	9.4	6.0%	50.7%
	2015	42,783	2.9%	42,130	0.5%	-1.5%	11.1	11.6%	44.0%	9.5	1.6%	51.4%
	2016	43,483	1.6%	42,055	-0.2%	-3.3%	9.7	-12.5%	51.1%	9.5	0.1%	52.2%
	2017	41,077	-5.5%	40,262	-4.3%	-2.0%	8.5	-12.1%	54.9%	9.7	2.2%	48.2%
	2018	42,163	2.6%	41,159	2.2%	-2.4%	11.8	37.9%	40.9%	9.3	-4.3%	51.7%
	2019	44,148	4.7%	43,063	4.6%	-2.5%	8.8	-25.2%	57.2%	10.0	7.9%	50.2%
	2020	44,837	1.6%	44,468	3.3%	-0.8%	10.0	13.6%	51.1%	10.0	-0.2%	51.1%
Projected	2021	42,238	-5.8%	42,238	-5.0%		10.3	3.4%	46.6%	9.6	-4.5%	50.4%
	2022	41,892	-0.8%	41,892	-0.8%		10.2	-1.2%	46.8%	9.5	-0.7%	50.3%
	2023	41,775	-0.3%	41,775	-0.3%		10.2	0.0%	46.7%	9.5	-0.4%	50.3%
	2024	41,645	-0.3%	41,645	-0.3%		10.2	-0.3%	46.7%	9.4	-0.8%	50.6%
	2025	41,255	-0.9%	41,255	-0.9%		10.2	-0.3%	46.4%	9.3	-0.8%	50.5%
	2026	40,961	-0.7%	40,961	-0.7%		10.1	-0.4%	46.2%	9.3	-0.7%	50.5%
	2027	40,728	-0.6%	40,728	-0.6%		10.1	-0.2%	46.1%	9.2	-0.6%	50.5%
	2028	40,573	-0.4%	40,573	-0.4%		10.1	-0.3%	46.0%	9.1	-0.7%	50.6%
	2029	40,221	-0.9%	40,221	-0.9%		10.1	-0.1%	45.7%	9.1	-0.6%	50.5%
	2030	40,048	-0.4%	40,048	-0.4%		10.1	0.0%	45.5%	9.1	-0.4%	50.5%
	2031	40,021	-0.1%	40,021	-0.1%		10.1	0.2%	45.4%	9.1	0.0%	50.5%
	2032	40,115	0.2%	40,115	0.2%		10.1	0.1%	45.4%	9.1	0.0%	50.6%
	2033	40,065	-0.1%	40,065	-0.1%		10.1	0.5%	45.1%	9.1	0.1%	50.4%
	2034	40,104	0.1%	40,104	0.1%		10.2	0.4%	45.0%	9.1	0.1%	50.4%
	2035	40,153	0.1%	40,153	0.1%		10.2	0.4%	44.9%	9.1	0.2%	50.4%
	2036	40,280	0.3%	40,280	0.3%		10.3	0.3%	44.9%	9.1	0.0%	50.6%
	2037	40,166	-0.3%	40,166	-0.3%		10.3	0.5%	44.5%	9.1	-0.1%	50.5%
	2038	40,155	0.0%	40,155	0.0%		10.3	0.3%	44.4%	9.1	0.0%	50.4%
	2039	40,183	0.1%	40,183	0.1%		10.4	0.5%	44.2%	9.1	0.0%	50.5%
	2040	40,268	0.2%	40,268	0.2%		10.4	0.2%	44.2%	9.1	0.0%	50.6%
CAGR [1]	2011-2020		0.3%		0.8%			-2.4%	47.8%		0.4%	51.3%
	2021-2030		-0.6%		-0.6%			-0.3%	46.3%		-0.6%	50.5%
	2031-2040		0.1%		0.1%			0.4%	44.8%		0.0%	50.5%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Ft. Meade (Full Req'ts)

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	3,352	2,749	2,931	3,503	3,914	4,074	4,197	4,324	3,983	3,102	2,804	2,983	41,916	43,569
	2012	3,302	2,894	3,205	3,228	4,044	3,683	4,122	4,175	3,779	3,506	2,756	3,132	41,827	41,322
	2013	2,946	2,895	3,199	3,301	3,511	3,816	3,743	4,154	3,687	3,584	2,922	3,084	40,841	40,645
	2014	3,665	2,769	2,895	3,150	3,796	3,774	4,003	4,259	3,689	3,364	2,910	3,194	41,466	41,588
	2015	3,177	3,022	3,262	3,654	4,054	4,082	4,083	4,087	3,895	3,439	3,277	3,226	43,258	42,783
	2016	3,393	3,091	3,105	3,230	3,814	4,143	4,383	4,308	4,074	3,385	2,742	3,029	42,698	43,483
	2017	3,081	2,612	2,994	3,295	4,046	3,701	4,210	4,440	3,542	3,466	2,766	3,116	41,268	41,077
	2018	3,810	2,843	2,944	3,198	3,450	3,980	4,086	4,302	4,202	3,923	3,193	3,221	43,152	42,163
	2019	3,413	2,740	3,003	3,284	4,216	4,203	4,310	4,375	4,266	4,071	3,046	3,093	44,021	44,148
	2020	3,224	3,034	3,569	3,524	3,801	4,255	4,455	4,568	4,196	3,477	3,013	3,199	44,314	44,837
Projected	2021	3,479	2,841	3,103	3,165	3,808	3,866	4,104	4,176	4,007	3,477	2,981	3,147	42,154	42,238
	2022	3,440	2,811	3,071	3,142	3,780	3,836	4,074	4,149	3,986	3,465	2,973	3,144	41,869	41,892
	2023	3,435	2,807	3,063	3,134	3,771	3,823	4,057	4,132	3,972	3,452	2,964	3,138	41,748	41,775
	2024	3,425	2,884	3,049	3,121	3,751	3,796	4,026	4,098	3,940	3,427	2,942	3,117	41,577	41,645
	2025	3,401	2,779	3,026	3,101	3,726	3,766	3,993	4,066	3,910	3,398	2,919	3,099	41,184	41,255
	2026	3,380	2,763	3,003	3,078	3,701	3,738	3,963	4,036	3,883	3,375	2,899	3,086	40,905	40,961
	2027	3,366	2,751	2,983	3,060	3,682	3,714	3,939	4,012	3,861	3,356	2,882	3,075	40,681	40,728
	2028	3,354	2,826	2,964	3,041	3,660	3,688	3,911	3,983	3,832	3,331	2,859	3,059	40,508	40,573
	2029	3,337	2,727	2,941	3,019	3,638	3,662	3,884	3,957	3,808	3,311	2,841	3,049	40,174	40,221
	2030	3,328	2,719	2,925	3,004	3,623	3,645	3,867	3,941	3,794	3,306	2,836	3,049	40,038	40,048
Projected	2031	3,329	2,720	2,921	3,001	3,621	3,642	3,864	3,939	3,792	3,305	2,833	3,053	40,020	40,021
	2032	3,334	2,808	2,920	3,000	3,622	3,642	3,865	3,940	3,793	3,306	2,833	3,059	40,122	40,115
	2033	3,341	2,729	2,920	3,001	3,625	3,643	3,868	3,944	3,796	3,309	2,833	3,065	40,075	40,065
	2034	3,350	2,735	2,921	3,002	3,628	3,645	3,871	3,947	3,798	3,311	2,833	3,071	40,112	40,104
	2035	3,358	2,741	2,921	3,003	3,633	3,649	3,876	3,953	3,804	3,315	2,835	3,081	40,169	40,153
	2036	3,369	2,834	2,922	3,004	3,636	3,649	3,877	3,953	3,803	3,314	2,831	3,083	40,277	40,280
	2037	3,373	2,751	2,918	3,000	3,633	3,644	3,872	3,949	3,798	3,309	2,825	3,084	40,157	40,166
	2038	3,376	2,753	2,913	2,997	3,633	3,642	3,873	3,950	3,800	3,311	2,825	3,093	40,165	40,155
	2039	3,386	2,760	2,913	2,997	3,635	3,642	3,873	3,950	3,799	3,310	2,822	3,097	40,184	40,183
	2040	3,392	2,850	2,910	2,994	3,634	3,640	3,872	3,949	3,798	3,310	2,819	3,103	40,270	40,268

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	8.0%	6.6%	7.0%	8.4%	9.3%	9.7%	10.0%	10.3%	9.5%	7.4%	6.7%	7.1%	100.0%
	2012	7.9%	6.9%	7.7%	7.7%	9.7%	8.8%	9.9%	10.0%	9.0%	8.4%	6.6%	7.5%	100.0%
	2013	7.2%	7.1%	7.8%	8.1%	8.6%	9.3%	9.2%	10.2%	9.0%	8.8%	7.2%	7.6%	100.0%
	2014	8.8%	6.7%	7.0%	7.6%	9.2%	9.1%	9.7%	10.3%	8.9%	8.1%	7.0%	7.7%	100.0%
	2015	7.3%	7.0%	7.5%	8.4%	9.4%	9.4%	9.4%	9.4%	9.0%	7.9%	7.6%	7.5%	100.0%
	2016	7.9%	7.2%	7.3%	7.6%	8.9%	9.7%	10.3%	10.1%	9.5%	7.9%	6.4%	7.1%	100.0%
	2017	7.5%	6.3%	7.3%	8.0%	9.8%	9.0%	10.2%	10.8%	8.6%	8.4%	6.7%	7.6%	100.0%
	2018	8.8%	6.6%	6.8%	7.4%	8.0%	9.2%	9.5%	10.0%	9.7%	9.1%	7.4%	7.5%	100.0%
	2019	7.8%	6.2%	6.8%	7.5%	9.6%	9.5%	9.8%	9.9%	9.7%	9.2%	6.9%	7.0%	100.0%
	2020	7.3%	6.8%	8.1%	8.0%	8.6%	9.6%	10.1%	10.3%	9.5%	7.8%	6.8%	7.2%	100.0%
Projected	2021	8.3%	6.7%	7.4%	7.5%	9.0%	9.2%	9.7%	9.9%	9.5%	8.2%	7.1%	7.5%	100.0%
	2022	8.2%	6.7%	7.3%	7.5%	9.0%	9.2%	9.7%	9.9%	9.5%	8.3%	7.1%	7.5%	100.0%
	2023	8.2%	6.7%	7.3%	7.5%	9.0%	9.2%	9.7%	9.9%	9.5%	8.3%	7.1%	7.5%	100.0%
	2024	8.2%	6.9%	7.3%	7.5%	9.0%	9.1%	9.7%	9.9%	9.5%	8.2%	7.1%	7.5%	100.0%
	2025	8.3%	6.7%	7.3%	7.5%	9.0%	9.1%	9.7%	9.9%	9.5%	8.3%	7.1%	7.5%	100.0%
	2026	8.3%	6.8%	7.3%	7.5%	9.0%	9.1%	9.7%	9.9%	9.5%	8.3%	7.1%	7.5%	100.0%
	2027	8.3%	6.8%	7.3%	7.5%	9.1%	9.1%	9.7%	9.9%	9.5%	8.3%	7.1%	7.6%	100.0%
	2028	8.3%	7.0%	7.3%	7.5%	9.0%	9.1%	9.7%	9.8%	9.5%	8.2%	7.1%	7.6%	100.0%
	2029	8.3%	6.8%	7.3%	7.5%	9.1%	9.1%	9.7%	9.8%	9.5%	8.2%	7.1%	7.6%	100.0%
	2030	8.3%	6.8%	7.3%	7.5%	9.0%	9.1%	9.7%	9.8%	9.5%	8.3%	7.1%	7.6%	100.0%
Avg.	2011-2020	7.9%	6.7%	7.3%	7.9%	9.1%	9.3%	9.8%	10.1%	9.2%	8.3%	6.9%	7.4%	100.0%
	2021-2030	8.3%	6.8%	7.3%	7.5%	9.0%	9.1%	9.7%	9.9%	9.5%	8.3%	7.1%	7.5%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Low Economic Case

Ft. Meade (Full Req'ts)

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	11.1	8.2	6.5	9.0	8.8	9.7	9.0	9.0	8.7	7.2	7.1	6.5	12.5	9.7
	2012	11.0	10.1	6.8	7.9	8.5	8.7	8.9	8.9	8.2	8.4	6.2	8.3	11.0	8.9
	2013	7.0	8.9	9.6	7.4	7.9	8.8	8.5	8.8	8.6	8.0	7.0	6.7	9.6	8.8
	2014	9.9	6.9	6.0	8.0	8.8	8.5	8.5	9.4	8.5	7.8	7.8	8.0	9.9	9.4
	2015	7.9	11.1	7.5	8.0	9.1	9.5	8.8	9.1	8.8	8.3	7.8	6.8	11.1	9.5
	2016	9.7	9.5	7.4	8.2	8.4	9.2	9.5	9.5	8.8	7.7	6.2	6.6	9.7	9.5
	2017	8.5	6.8	7.3	8.7	9.2	9.1	9.3	9.7	9.1	8.0	6.4	8.5	8.5	9.7
	2018	11.8	7.1	7.0	7.7	8.0	8.7	8.9	9.1	9.3	9.0	7.6	7.9	11.8	9.3
	2019	8.8	7.2	7.3	7.7	9.6	10.0	9.6	9.4	9.7	8.5	7.8	7.0	8.8	10.0
	2020	10.0	7.2	8.6	9.0	9.2	10.0	9.7	9.7	9.9	8.9	7.2	8.1	10.0	10.0
Projected	2021	10.3	8.7	7.7	8.1	8.9	9.3	9.2	9.6	9.1	8.5	7.2	8.0	10.3	9.6
	2022	10.2	8.6	7.6	8.1	8.8	9.3	9.1	9.5	9.0	8.5	7.2	8.0	10.2	9.5
	2023	10.2	8.6	7.6	8.0	8.8	9.2	9.1	9.5	9.0	8.5	7.1	8.0	10.2	9.5
	2024	10.2	8.6	7.6	8.0	8.8	9.2	9.0	9.4	8.9	8.4	7.1	7.9	10.2	9.4
	2025	10.2	8.6	7.6	7.9	8.7	9.1	9.0	9.3	8.8	8.3	7.1	7.9	10.2	9.3
	2026	10.1	8.5	7.5	7.9	8.6	9.0	8.9	9.3	8.8	8.3	7.1	7.9	10.1	9.3
	2027	10.1	8.5	7.5	7.9	8.6	9.0	8.8	9.2	8.7	8.3	7.0	7.9	10.1	9.2
	2028	10.1	8.5	7.5	7.8	8.6	8.9	8.8	9.1	8.7	8.2	7.0	7.9	10.1	9.1
	2029	10.1	8.5	7.5	7.8	8.5	8.9	8.7	9.1	8.6	8.2	7.0	7.9	10.1	9.1
	2030	10.1	8.5	7.5	7.8	8.5	8.8	8.7	9.1	8.6	8.2	7.0	7.9	10.1	9.1
Projected	2031	10.1	8.5	7.5	7.8	8.5	8.8	8.7	9.1	8.6	8.2	7.1	7.9	10.1	9.1
	2032	10.1	8.5	7.5	7.8	8.6	8.8	8.7	9.1	8.6	8.2	7.1	7.9	10.1	9.1
	2033	10.1	8.6	7.5	7.8	8.6	8.8	8.7	9.1	8.6	8.2	7.1	8.0	10.1	9.1
	2034	10.2	8.6	7.6	7.8	8.6	8.8	8.7	9.1	8.6	8.2	7.2	8.0	10.2	9.1
	2035	10.2	8.6	7.6	7.8	8.6	8.9	8.7	9.1	8.6	8.3	7.2	8.0	10.2	9.1
	2036	10.3	8.7	7.6	7.9	8.6	8.9	8.7	9.1	8.6	8.3	7.2	8.1	10.3	9.1
	2037	10.3	8.7	7.7	7.9	8.6	8.9	8.7	9.1	8.6	8.3	7.2	8.1	10.3	9.1
	2038	10.3	8.7	7.7	7.9	8.7	8.9	8.7	9.1	8.6	8.3	7.3	8.1	10.3	9.1
	2039	10.4	8.8	7.7	7.9	8.7	8.9	8.7	9.1	8.6	8.3	7.3	8.1	10.4	9.1
	2040	10.4	8.8	7.7	7.9	8.7	8.9	8.7	9.1	8.6	8.3	7.4	8.3	10.4	9.1

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	40.5%	50.1%	60.5%	54.3%	59.6%	58.5%	62.6%	64.6%	63.9%	57.9%	54.5%	61.7%	38.3%	49.5%
	2012	40.3%	41.0%	63.6%	56.6%	64.1%	59.1%	62.5%	63.1%	64.0%	56.2%	62.1%	50.9%	43.4%	53.7%
	2013	56.5%	48.4%	44.8%	61.8%	59.4%	60.5%	59.5%	63.3%	59.7%	60.3%	58.0%	61.8%	48.6%	52.8%
	2014	49.5%	59.4%	64.9%	54.4%	58.0%	61.8%	63.3%	61.2%	60.0%	57.6%	52.1%	53.5%	47.6%	50.6%
	2015	54.3%	40.5%	58.1%	63.4%	59.7%	59.6%	62.1%	60.5%	61.6%	55.4%	58.1%	63.3%	44.5%	51.9%
	2016	47.0%	46.5%	56.1%	54.9%	60.9%	62.7%	62.0%	60.8%	64.3%	58.7%	61.9%	61.9%	50.2%	51.2%
	2017	48.5%	56.9%	55.1%	52.5%	59.0%	56.7%	60.7%	61.4%	54.0%	58.5%	60.1%	49.5%	55.2%	48.5%
	2018	43.5%	59.9%	56.4%	58.0%	58.1%	63.2%	61.8%	63.5%	62.7%	58.7%	58.3%	54.9%	41.9%	53.0%
	2019	52.1%	56.6%	55.2%	58.9%	59.0%	58.2%	60.1%	62.8%	61.4%	64.2%	54.3%	59.4%	57.1%	50.1%
	2020	43.3%	60.4%	55.6%	54.4%	55.2%	59.0%	61.7%	63.4%	59.1%	52.6%	57.8%	53.2%	50.6%	50.5%
Projected	2021	45.2%	48.4%	54.2%	54.2%	57.6%	57.5%	60.0%	58.6%	61.3%	54.8%	57.8%	52.9%	46.5%	50.3%
	2022	45.2%	48.5%	54.3%	54.2%	57.5%	57.4%	60.0%	58.7%	61.4%	54.9%	57.7%	52.9%	46.7%	50.3%
	2023	45.2%	48.4%	54.1%	54.2%	57.5%	57.4%	59.9%	58.6%	61.4%	54.9%	57.7%	52.9%	46.6%	50.3%
	2024	45.2%	48.2%	54.1%	54.3%	57.6%	57.5%	59.9%	58.6%	61.4%	54.9%	57.5%	52.8%	46.6%	50.5%
	2025	45.0%	48.3%	53.8%	54.3%	57.6%	57.5%	59.9%	58.6%	61.4%	54.8%	57.3%	52.7%	46.3%	50.4%
	2026	44.9%	48.2%	53.6%	54.2%	57.5%	57.4%	59.9%	58.6%	61.4%	54.7%	57.0%	52.6%	46.2%	50.4%
	2027	44.8%	48.1%	53.4%	54.1%	57.4%	57.4%	59.9%	58.5%	61.4%	54.6%	56.8%	52.5%	46.0%	50.4%
	2028	44.8%	47.8%	53.2%	54.0%	57.4%	57.4%	59.9%	58.5%	61.4%	54.5%	56.4%	52.3%	46.0%	50.5%
	2029	44.6%	47.8%	52.9%	53.9%	57.3%	57.4%	59.8%	58.5%	61.4%	54.4%	56.1%	52.1%	45.6%	50.4%
	2030	44.5%	47.7%	52.6%	53.7%	57.1%	57.3%	59.8%	58.5%	61.4%	54.4%	55.9%	52.1%	45.5%	50.5%
Avg.	2011-2020	47.6%	52.0%	57.0%	56.9%	59.3%	59.9%	61.6%	62.4%	61.1%	58.0%	57.7%	57.0%	47.7%	51.2%
	2021-2030	44.9%	48.1%	53.6%	54.1%	57.5%	57.4%	59.9%	58.6%	61.4%	54.7%	57.0%	52.6%	46.2%	50.4%

FMPA 2021 Load Forecast - Low Economic Case

Ft. Meade (Full Req'ts)

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	11.1	8.1	6.5	8.2	8.1	9.5	8.2	8.4	8.7	7.0	6.6	5.8	12.3	8.4
	2012	10.9	10.1	6.5	7.4	8.1	8.0	7.8	8.3	7.8	7.0	5.3	8.3	10.9	7.8
	2013	6.3	8.9	8.7	6.3	7.6	7.9	7.4	7.8	8.0	7.5	6.6	6.4	8.7	7.8
	2014	9.3	6.8	5.6	7.2	7.8	8.2	7.6	7.2	7.6	7.4	6.9	7.4	9.3	7.2
	2015	7.7	10.6	6.9	7.5	9.1	9.4	8.4	9.0	8.7	8.2	7.8	6.2	10.6	9.4
	2016	9.4	9.5	7.4	8.0	8.0	8.3	9.4	9.3	8.6	7.7	5.3	6.6	7.8	9.4
	2017	8.1	6.3	6.7	8.6	9.2	8.4	8.6	9.2	8.7	7.9	6.2	8.5	6.7	9.2
	2018	11.8	6.3	6.4	7.0	7.4	8.5	8.3	8.9	9.1	8.9	7.2	7.9	11.8	8.9
	2019	8.8	7.2	7.1	7.6	9.6	10.0	8.7	9.2	9.5	8.3	7.8	6.4	7.2	10.0
	2020	10.0	6.5	8.6	8.1	8.7	9.4	9.4	9.3	9.8	8.5	6.8	7.7	8.6	9.4
Projected	2021	10.1	8.4	7.3	7.5	8.5	8.9	8.4	9.0	8.8	8.2	6.7	7.6	10.1	9.0
	2022	9.9	8.3	7.2	7.5	8.4	8.8	8.4	8.9	8.7	8.1	6.7	7.6	9.9	8.9
	2023	9.9	8.3	7.2	7.5	8.4	8.8	8.4	8.9	8.7	8.1	6.7	7.6	9.9	8.9
	2024	9.9	8.3	7.2	7.4	8.3	8.7	8.3	8.8	8.6	8.1	6.7	7.6	9.9	8.8
	2025	9.9	8.3	7.2	7.4	8.3	8.7	8.2	8.7	8.5	8.0	6.6	7.5	9.9	8.7
	2026	9.8	8.2	7.2	7.3	8.2	8.6	8.2	8.7	8.5	8.0	6.6	7.5	9.8	8.7
	2027	9.8	8.2	7.1	7.3	8.2	8.5	8.1	8.6	8.4	7.9	6.6	7.5	9.8	8.6
	2028	9.8	8.2	7.1	7.3	8.2	8.5	8.1	8.6	8.4	7.9	6.6	7.5	9.8	8.6
	2029	9.8	8.2	7.1	7.2	8.1	8.4	8.0	8.5	8.3	7.9	6.6	7.5	9.8	8.5
	2030	9.8	8.2	7.1	7.2	8.1	8.4	8.0	8.5	8.3	7.9	6.6	7.5	9.8	8.5
Projected	2031	9.8	8.2	7.1	7.2	8.1	8.4	8.0	8.5	8.3	7.9	6.6	7.5	9.8	8.5
	2032	9.8	8.2	7.1	7.2	8.2	8.4	8.0	8.5	8.3	7.9	6.6	7.6	9.8	8.5
	2033	9.9	8.2	7.2	7.2	8.2	8.4	8.0	8.5	8.3	7.9	6.7	7.6	9.9	8.5
	2034	9.9	8.3	7.2	7.3	8.2	8.4	8.0	8.5	8.3	7.9	6.7	7.6	9.9	8.5
	2035	9.9	8.3	7.2	7.3	8.2	8.4	8.0	8.5	8.3	7.9	6.7	7.6	9.9	8.5
	2036	10.0	8.3	7.3	7.3	8.2	8.4	8.0	8.5	8.3	7.9	6.8	7.7	10.0	8.5
	2037	10.0	8.4	7.3	7.3	8.2	8.4	8.0	8.5	8.3	7.9	6.8	7.7	10.0	8.5
	2038	10.0	8.4	7.3	7.3	8.3	8.4	8.0	8.5	8.3	8.0	6.8	7.7	10.0	8.5
	2039	10.1	8.4	7.3	7.3	8.3	8.4	8.0	8.5	8.3	8.0	6.8	7.8	10.1	8.5
	2040	10.1	8.5	7.4	7.3	8.3	8.4	8.0	8.5	8.3	8.0	6.9	7.9	10.1	8.5

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	99.9%	98.9%	100.0%	91.7%	92.4%	98.4%	90.5%	93.8%	100.0%	96.9%	92.2%	88.8%	98.8%	87.4%
	2012	99.2%	100.0%	95.6%	93.7%	95.6%	92.4%	88.3%	93.1%	95.2%	83.5%	85.2%	100.0%	99.2%	88.0%
	2013	90.0%	100.0%	90.9%	85.3%	95.6%	90.6%	87.1%	88.9%	93.2%	94.0%	94.9%	95.0%	90.9%	88.9%
	2014	93.6%	98.2%	94.2%	89.6%	88.9%	96.8%	89.1%	76.9%	89.4%	93.9%	88.5%	92.8%	93.6%	76.9%
	2015	98.0%	95.8%	91.0%	93.7%	100.0%	98.3%	94.7%	99.2%	99.0%	98.0%	100.0%	91.0%	95.8%	98.3%
	2016	96.6%	100.0%	100.0%	98.3%	95.4%	90.9%	99.0%	97.6%	97.7%	100.0%	85.4%	100.0%	80.7%	98.8%
	2017	94.7%	92.6%	91.3%	98.6%	100.0%	92.9%	92.4%	94.8%	95.5%	98.9%	97.0%	100.0%	78.1%	94.8%
	2018	100.0%	88.7%	90.8%	91.5%	92.9%	97.7%	92.9%	97.9%	97.5%	98.7%	95.3%	100.0%	100.0%	95.8%
	2019	100.0%	100.0%	97.6%	98.6%	99.8%	100.0%	90.4%	97.7%	98.7%	97.6%	100.0%	91.7%	82.2%	100.0%
	2020	100.0%	90.0%	99.5%	89.7%	93.6%	93.9%	96.4%	95.7%	99.9%	96.1%	93.7%	95.4%	85.8%	93.9%
Projected	2021	97.2%	96.4%	95.1%	93.0%	95.4%	95.2%	91.9%	93.7%	96.6%	96.1%	93.7%	95.4%	97.2%	93.7%
	2022	97.2%	96.4%	95.1%	93.0%	95.4%	95.2%	91.9%	93.7%	96.6%	96.1%	93.7%	95.4%	97.2%	93.7%
	2023	97.2%	96.4%	95.1%	93.0%	95.4%	95.2%	91.9%	93.7%	96.6%	96.1%	93.7%	95.4%	97.2%	93.7%
	2024	97.2%	96.4%	95.1%	93.0%	95.4%	95.1%	91.8%	93.7%	96.6%	96.1%	93.7%	95.4%	97.2%	93.7%
	2025	97.2%	96.4%	95.1%	93.0%	95.4%	95.1%	91.8%	93.7%	96.5%	96.1%	93.7%	95.4%	97.2%	93.7%
	2026	97.2%	96.4%	95.1%	93.0%	95.4%	95.1%	91.8%	93.7%	96.5%	96.1%	93.7%	95.4%	97.2%	93.7%
	2027	97.2%	96.4%	95.1%	93.0%	95.4%	95.1%	91.8%	93.6%	96.5%	96.1%	93.7%	95.4%	97.2%	93.6%
	2028	97.2%	96.4%	95.1%	93.0%	95.3%	95.1%	91.7%	93.6%	96.5%	96.1%	93.7%	95.4%	97.2%	93.6%
	2029	97.2%	96.4%	95.1%	92.9%	95.3%	95.0%	91.7%	93.6%	96.5%	96.1%	93.7%	95.4%	97.2%	93.6%
	2030	97.2%	96.4%	95.1%	92.9%	95.3%	95.0%	91.6%	93.5%	96.5%	96.1%	93.7%	95.4%	97.2%	93.5%
	2011-2020	97.2%	96.4%	95.1%	93.1%	95.4%	95.2%	92.1%	93.6%	96.6%	95.8%	93.2%	95.5%	90.5%	92.3%
	2021-2030	97.2%	96.4%	95.1%	93.0%	95.4%	95.1%	91.8%	93.7%	96.5%	96.1%	93.7%	95.4%	97.2%	93.7%

FMPA 2021 Load Forecast - Low Economic Case - Ft Meade

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service						TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	27,574		2,339		11,788		13,249		341		38.9		40,824		2,746	6.3%	43,569	
	2012	25,433	-7.8%	2,329	-0.4%	10,921	-7.4%	13,293	0.3%	338	-0.7%	39.3	1.1%	38,726	-5.1%	2,596	6.3%	41,322	-5.2%
	2013	25,483	0.2%	2,385	2.4%	10,686	-2.2%	12,958	-2.5%	334	-1.2%	38.8	-1.4%	38,441	-0.7%	2,205	5.4%	40,645	-1.6%
	2014	26,215	2.9%	2,374	-0.4%	11,042	3.3%	13,344	3.0%	335	0.2%	39.9	2.8%	39,559	2.9%	2,029	4.9%	41,588	2.3%
	2015	27,135	3.5%	2,381	0.3%	11,396	3.2%	13,389	0.3%	320	-4.4%	41.8	5.0%	40,523	2.4%	2,260	5.3%	42,783	2.9%
	2016	28,004	3.2%	2,378	-0.2%	11,778	3.4%	12,971	-3.1%	318	-0.7%	40.8	-2.5%	40,975	1.1%	2,509	5.8%	43,483	1.6%
	2017	27,230	-2.8%	2,352	-1.1%	11,577	-1.7%	12,277	-5.4%	316	-0.6%	38.8	-4.8%	39,506	-3.6%	1,571	3.8%	41,077	-5.5%
	2018	27,184	-0.2%	2,338	-0.6%	11,627	0.4%	12,176	-0.8%	313	-1.1%	38.9	0.3%	39,360	-0.4%	2,803	6.6%	42,163	2.6%
	2019	28,771	5.8%	2,362	1.0%	12,180	4.8%	13,385	9.9%	312	-0.3%	42.9	10.2%	42,156	7.1%	1,992	4.5%	44,148	4.7%
	2020	29,414	2.2%	2,372	0.4%	12,403	1.8%	13,453	0.5%	318	2.0%	42.3	-1.4%	42,867	1.7%	1,970	4.4%	44,837	1.6%
Projected	2021	28,089	-4.5%	2,386	0.6%	11,770	-5.1%	12,668	-5.8%	313	-1.5%	40.4	-4.4%	40,756	-4.9%	1,752	4.1%	42,508	-5.2%
	2022	27,500	-2.1%	2,386	0.0%	11,524	-2.1%	12,914	1.9%	315	0.7%	41.0	1.3%	40,413	-0.8%	1,825	4.3%	42,238	-0.6%
	2023	27,312	-0.7%	2,389	0.1%	11,430	-0.8%	13,063	1.2%	316	0.3%	41.3	0.8%	40,374	-0.1%	1,823	4.3%	42,198	-0.1%
	2024	27,006	-1.1%	2,393	0.2%	11,285	-1.3%	13,245	1.4%	317	0.1%	41.8	1.3%	40,251	-0.3%	1,905	4.5%	42,156	-0.1%
	2025	26,682	-1.2%	2,397	0.2%	11,132	-1.4%	13,374	1.0%	317	0.1%	42.2	0.9%	40,056	-0.5%	1,809	4.3%	41,865	-0.7%
	2026	26,479	-0.8%	2,401	0.2%	11,030	-0.9%	13,433	0.4%	317	0.0%	42.4	0.4%	39,913	-0.4%	1,803	4.3%	41,715	-0.4%
	2027	26,379	-0.4%	2,404	0.1%	10,973	-0.5%	13,462	0.2%	317	0.0%	42.5	0.2%	39,841	-0.2%	1,800	4.3%	41,641	-0.2%
	2028	26,295	-0.3%	2,407	0.1%	10,923	-0.5%	13,480	0.1%	317	0.0%	42.5	0.1%	39,774	-0.2%	1,884	4.5%	41,658	0.0%
	2029	26,199	-0.4%	2,410	0.1%	10,869	-0.5%	13,492	0.1%	317	0.0%	42.6	0.1%	39,691	-0.2%	1,793	4.3%	41,484	-0.4%
	2030	26,202	0.0%	2,413	0.1%	10,857	-0.1%	13,503	0.1%	317	0.0%	42.6	0.1%	39,705	0.0%	1,794	4.3%	41,499	0.0%
	2031	26,278	0.3%	2,416	0.1%	10,877	0.2%	13,513	0.1%	317	0.0%	42.6	0.1%	39,791	0.2%	1,798	4.3%	41,590	0.2%
	2032	26,394	0.4%	2,418	0.1%	10,914	0.3%	13,523	0.1%	317	0.0%	42.6	0.1%	39,917	0.3%	1,891	4.5%	41,808	0.5%
	2033	26,536	0.5%	2,420	0.1%	10,964	0.5%	13,533	0.1%	317	0.0%	42.7	0.1%	40,070	0.4%	1,811	4.3%	41,881	0.2%
	2034	26,687	0.6%	2,422	0.1%	11,017	0.5%	13,543	0.1%	317	0.0%	42.7	0.1%	40,231	0.4%	1,818	4.3%	42,049	0.4%
	2035	26,854	0.6%	2,424	0.1%	11,078	0.5%	13,553	0.1%	317	0.0%	42.7	0.1%	40,407	0.4%	1,826	4.3%	42,233	0.4%
	2036	27,022	0.6%	2,426	0.1%	11,139	0.6%	13,563	0.1%	317	0.0%	42.8	0.1%	40,585	0.4%	1,923	4.5%	42,508	0.6%
	2037	27,132	0.4%	2,427	0.1%	11,177	0.3%	13,573	0.1%	317	0.0%	42.8	0.1%	40,705	0.3%	1,839	4.3%	42,544	0.1%
	2038	27,266	0.5%	2,429	0.1%	11,226	0.4%	13,582	0.1%	317	0.0%	42.8	0.1%	40,848	0.4%	1,846	4.3%	42,694	0.4%
	2039	27,448	0.7%	2,430	0.1%	11,295	0.6%	13,592	0.1%	317	0.0%	42.9	0.1%	41,040	0.5%	1,855	4.3%	42,894	0.5%
	2040	27,602	0.6%	2,431	0.1%	11,352	0.5%	13,602	0.1%	317	0.0%	42.9	0.1%	41,203	0.4%	1,952	4.5%	43,155	0.6%
CAGR	2011-2020		0.7%		0.2%		0.6%		0.2%		-0.8%		0.9%		0.5%		5.3%		0.3%
	2021-2030		-0.8%		0.1%		-0.9%		0.7%		0.1%		0.6%		-0.3%		4.3%		-0.3%
	2031-2040		0.5%		0.1%		0.5%		0.1%		0.0%		0.1%		0.4%		4.4%		0.4%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - High Economic Case

Ft. Meade (Full Req'ts)

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	43,569	-	41,264	-	-5.3%	12.3	-	11.0	-	-11.2%	8.4	-	8.4		-0.3%
	2012	41,322	-5.2%	41,877	1.5%	1.3%	10.9	-11.5%	10.2	-7.1%	-6.8%	7.8	-7.2%	9.0	6.6%	14.7%
	2013	40,645	-1.6%	41,502	-0.9%	2.1%	8.7	-20.1%	9.0	-11.1%	3.8%	7.8	0.2%	8.2	-8.8%	4.5%
	2014	41,588	2.3%	41,939	1.1%	0.8%	9.3	6.8%	10.6	17.2%	13.9%	7.2	-8.3%	7.0	-14.3%	-2.4%
	2015	42,783	2.9%	42,130	0.5%	-1.5%	10.6	14.2%	10.0	-6.1%	-6.4%	9.4	30.0%	9.3	33.0%	-0.1%
	2016	43,483	1.6%	42,055	-0.2%	-3.3%	7.8	-26.3%	9.5	-4.7%	21.0%	9.4	0.5%	9.3	-0.7%	-1.3%
	2017	41,077	-5.5%	40,262	-4.3%	-2.0%	6.7	-14.9%	10.0	4.9%	49.2%	9.2	-1.9%	9.8	6.2%	6.8%
	2018	42,163	2.6%	41,159	2.2%	-2.4%	11.8	76.5%	10.9	9.7%	-7.2%	8.9	-3.3%	9.4	-4.7%	5.2%
	2019	44,148	4.7%	43,063	4.6%	-2.5%	7.2	-38.5%	11.3	3.2%	55.5%	10.0	12.6%	9.8	4.3%	-2.5%
	2020	44,837	1.6%	44,468	3.3%	-0.8%	8.6	18.5%	11.1	-1.5%	29.2%	9.4	-6.2%	9.4	-3.4%	0.4%
Projected	2021	43,252	-3.5%	43,252	-2.7%		10.1	17.7%	10.1	-9.0%		9.3	-0.8%	9.3	-1.2%	
	2022			44,676	3.3%				10.5	3.6%				9.6	2.9%	
	2023			45,529	1.9%				10.7	2.0%				9.8	1.7%	
	2024			46,176	1.4%				10.8	1.2%				9.9	0.9%	
	2025			46,443	0.6%				10.9	0.9%				9.9	0.8%	
	2026			46,810	0.8%				11.0	0.8%				10.0	0.8%	
	2027			47,221	0.9%				11.1	0.9%				10.1	0.9%	
	2028			47,704	1.0%				11.2	0.7%				10.2	0.8%	
	2029			47,942	0.5%				11.3	0.8%				10.3	0.8%	
	2030			48,381	0.9%				11.4	0.9%				10.4	1.0%	
	2031			48,896	1.1%				11.5	1.0%				10.5	1.1%	
	2032			49,555	1.3%				11.6	0.9%				10.6	1.2%	
	2033			50,032	1.0%				11.7	1.3%				10.7	1.2%	
	2034			50,617	1.2%				11.9	1.2%				10.9	1.2%	
	2035			51,217	1.2%				12.0	1.1%				11.0	1.3%	
	2036			51,919	1.4%				12.1	1.0%				11.1	1.1%	
	2037			52,322	0.8%				12.3	1.2%				11.2	1.0%	
	2038			52,861	1.0%				12.4	1.0%				11.4	1.1%	
	2039			53,464	1.1%				12.5	1.2%				11.5	1.1%	
	2040			54,140	1.3%				12.6	0.9%				11.6	1.1%	
CAGR [3]	2011-2020		0.3%		0.8%			-3.9%		0.1%			1.2%		1.3%	
	2021-2030				1.3%					1.3%					1.2%	
	2031-2040				1.1%					1.1%					1.1%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Ft. Meade (Full Req'ts)

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	43,569	-	43,569	-	12.5	9.7	12.5	9.7	12.3	8.4	12.3	8.4
	2012	41,322	-5.2%	41,322	-5.2%	11.0	8.9	11.0	8.9	10.9	7.8	10.9	7.8
	2013	40,645	-1.6%	40,645	-1.6%	9.6	8.8	9.6	8.8	8.7	7.8	8.7	7.8
	2014	41,588	2.3%	41,588	2.3%	9.9	9.4	9.9	9.4	9.3	7.2	9.3	7.2
	2015	42,783	2.9%	42,783	2.9%	11.1	9.5	11.1	9.5	10.6	9.4	10.6	9.4
	2016	43,483	1.6%	41,764	-2.4%	9.7	9.5	9.4	9.2	7.8	9.4	7.8	9.1
	2017	41,077	-5.5%	38,770	-7.2%	8.5	9.7	8.2	9.4	6.7	9.2	6.4	8.9
	2018	42,163	2.6%	40,473	4.4%	11.8	9.3	10.4	9.3	11.8	8.9	10.4	8.9
	2019	44,148	4.7%	44,148	9.1%	8.8	10.0	8.8	10.0	7.2	10.0	7.2	10.0
	2020	44,837	1.6%	43,864	-0.6%	10.0	10.0	10.7	9.9	8.6	9.4	10.5	9.7
Projected	2021	43,252	-3.5%	44,643	1.8%	10.4	10.0	11.0	10.1	10.1	9.3	10.7	9.9
	2022	44,676	3.3%	45,391	1.7%	10.8	10.2	11.2	10.3	10.5	9.6	10.9	10.0
	2023	45,529	1.9%	45,977	1.3%	11.0	10.4	11.3	10.4	10.7	9.8	11.1	10.2
	2024	46,176	1.4%	46,551	1.2%	11.1	10.5	11.4	10.5	10.8	9.9	11.2	10.3
	2025	46,443	0.6%	46,881	0.7%	11.2	10.6	11.5	10.6	10.9	9.9	11.3	10.4
	2026	46,810	0.8%	47,323	0.9%	11.3	10.7	11.6	10.7	11.0	10.0	11.4	10.5
	2027	47,221	0.9%	47,750	0.9%	11.4	10.8	11.8	10.8	11.1	10.1	11.5	10.6
	2028	47,704	1.0%	48,212	1.0%	11.5	10.9	11.8	10.9	11.2	10.2	11.6	10.6
	2029	47,942	0.5%	48,404	0.4%	11.6	10.9	11.9	11.0	11.3	10.3	11.7	10.7
	2030	48,381	0.9%	48,754	0.7%	11.7	11.1	12.0	11.1	11.4	10.4	11.7	10.8
	2031	48,896	1.1%	49,151	0.8%	11.8	11.2	12.1	11.2	11.5	10.5	11.8	10.9
	2032	49,555	1.3%	49,650	1.0%	11.9	11.3	12.2	11.3	11.6	10.6	11.9	11.0
	2033	50,032	1.0%	49,953	0.6%	12.1	11.4	12.3	11.3	11.7	10.7	12.0	11.1
	2034	50,617	1.2%	50,360	0.8%	12.2	11.6	12.4	11.4	11.9	10.9	12.1	11.1
	2035	51,217	1.2%	50,772	0.8%	12.4	11.7	12.5	11.5	12.0	11.0	12.2	11.2
	2036	51,919	1.4%	51,278	1.0%	12.5	11.9	12.6	11.6	12.1	11.1	12.3	11.3
	2037	52,322	0.8%	51,483	0.4%	12.6	12.0	12.7	11.7	12.3	11.2	12.4	11.4
	2038	52,861	1.0%	51,800	0.6%	12.7	12.1	12.7	11.8	12.4	11.4	12.5	11.5
	2039	53,464	1.1%	52,139	0.7%	12.9	12.3	12.8	11.9	12.5	11.5	12.6	11.5
	2040	54,140	1.3%			13.0	12.4			12.6	11.6		
CAGR[1]	Historical		0.3%		0.2%	-2.4%	0.4%	-4.3%	0.5%	-3.0%	2.3%	-5.7%	3.6%
	1st 10 Prj Yrs		1.3%		1.1%	1.3%	1.2%	1.2%	1.1%	1.3%	1.2%	1.2%	1.1%
	2nd 10 Prj Yrs		1.1%		0.7%	1.1%	1.1%	0.8%	0.8%	1.1%	1.1%	0.8%	0.8%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Ft. Meade (Full Req'ts)

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	43,569	-	41,264	-	-5.3%	12.3	-	11.0	-	-11.2%	8.4	-	8.4		-0.3%
	2012	41,322	-5.2%	41,877	1.5%	1.3%	10.9	-11.5%	10.2	-7.1%	-6.8%	7.8	-7.2%	9.0	6.6%	14.7%
	2013	40,645	-1.6%	41,502	-0.9%	2.1%	8.7	-20.1%	9.0	-11.1%	3.8%	7.8	0.2%	8.2	-8.8%	4.5%
	2014	41,588	2.3%	41,939	1.1%	0.8%	9.3	6.8%	10.6	17.2%	13.9%	7.2	-8.3%	7.0	-14.3%	-2.4%
	2015	42,783	2.9%	42,130	0.5%	-1.5%	10.6	14.2%	10.0	-6.1%	-6.4%	9.4	30.0%	9.3	33.0%	-0.1%
	2016	43,483	1.6%	42,055	-0.2%	-3.3%	7.8	-26.3%	9.5	-4.7%	21.0%	9.4	0.5%	9.3	-0.7%	-1.3%
	2017	41,077	-5.5%	40,262	-4.3%	-2.0%	6.7	-14.9%	10.0	4.9%	49.2%	9.2	-1.9%	9.8	6.2%	6.8%
	2018	42,163	2.6%	41,159	2.2%	-2.4%	11.8	76.5%	10.9	9.7%	-7.2%	8.9	-3.3%	9.4	-4.7%	5.2%
	2019	44,148	4.7%	43,063	4.6%	-2.5%	7.2	-38.5%	11.3	3.2%	55.5%	10.0	12.6%	9.8	4.3%	-2.5%
	2020	44,837	1.6%	43,431	0.9%	-3.1%	8.6	18.5%	11.1	-1.5%	29.2%	9.4	-6.2%	9.4	-3.4%	0.4%
Projected	2021	42,982	-4.1%	42,982	-1.0%		10.1	17.7%	10.1	-9.0%		9.3	-1.5%	9.3	-1.9%	
	2022			44,330	3.1%				10.5	3.6%				9.5	2.7%	
	2023			45,107	1.8%				10.7	2.0%				9.7	1.5%	
	2024			45,665	1.2%				10.8	1.2%				9.7	0.7%	
	2025			45,833	0.4%				10.9	0.9%				9.8	0.5%	
	2026			46,055	0.5%				11.0	0.8%				9.8	0.5%	
	2027			46,308	0.5%				11.1	0.9%				9.9	0.6%	
	2028			46,619	0.7%				11.2	0.7%				9.9	0.4%	
	2029			46,679	0.1%				11.3	0.8%				10.0	0.4%	
	2030			46,930	0.5%				11.4	0.9%				10.0	0.6%	
	2031			47,327	0.8%				11.5	1.0%				10.1	0.9%	
	2032			47,861	1.1%				11.6	0.9%				10.2	0.9%	
	2033			48,216	0.7%				11.7	1.3%				10.3	1.0%	
	2034			48,672	0.9%				11.9	1.2%				10.4	1.0%	
	2035			49,136	1.0%				12.0	1.1%				10.5	1.0%	
	2036			49,690	1.1%				12.1	1.0%				10.6	0.9%	
	2037			49,944	0.5%				12.3	1.2%				10.7	0.7%	
	2038			50,321	0.8%				12.4	1.0%				10.8	0.8%	
	2039			50,753	0.9%				12.5	1.2%				10.8	0.8%	
	2040			51,253	1.0%				12.6	0.9%				10.9	0.8%	
CAGR [3]	2011-2020		0.3%		0.6%			-3.9%		0.1%			1.2%		1.3%	
	2021-2030				1.0%					1.3%					0.9%	
	2031-2040				0.9%					1.1%					0.9%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Ft. Meade (Full Req'ts)

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	43,569	-	41,264	-	-5.3%	12.5	-	39.8%	9.7	-	51.5%
	2012	41,322	-5.2%	41,877	1.5%	1.3%	11.0	-11.9%	42.9%	8.9	-7.9%	53.0%
	2013	40,645	-1.6%	41,502	-0.9%	2.1%	9.6	-12.9%	48.4%	8.8	-0.8%	52.6%
	2014	41,588	2.3%	41,939	1.1%	0.8%	9.9	3.8%	47.7%	9.4	6.0%	50.7%
	2015	42,783	2.9%	42,130	0.5%	-1.5%	11.1	11.6%	44.0%	9.5	1.6%	51.4%
	2016	43,483	1.6%	42,055	-0.2%	-3.3%	9.7	-12.5%	51.1%	9.5	0.1%	52.2%
	2017	41,077	-5.5%	40,262	-4.3%	-2.0%	8.5	-12.1%	54.9%	9.7	2.2%	48.2%
	2018	42,163	2.6%	41,159	2.2%	-2.4%	11.8	37.9%	40.9%	9.3	-4.3%	51.7%
	2019	44,148	4.7%	43,063	4.6%	-2.5%	8.8	-25.2%	57.2%	10.0	7.9%	50.2%
	2020	44,837	1.6%	44,468	3.3%	-0.8%	10.0	13.6%	51.1%	10.0	-0.2%	51.1%
Projected	2021	42,982	-4.1%	42,982	-3.3%		10.4	3.8%	47.2%	9.9	-1.3%	49.6%
	2022	44,330	3.1%	44,330	3.1%		10.8	3.6%	47.0%	10.2	2.7%	49.8%
	2023	45,107	1.8%	45,107	1.8%		11.0	2.0%	46.9%	10.3	1.5%	49.9%
	2024	45,665	1.2%	45,665	1.2%		11.1	1.2%	46.9%	10.4	0.8%	50.2%
	2025	45,833	0.4%	45,833	0.4%		11.2	0.9%	46.6%	10.4	0.5%	50.1%
	2026	46,055	0.5%	46,055	0.5%		11.3	0.8%	46.5%	10.5	0.5%	50.1%
	2027	46,308	0.5%	46,308	0.5%		11.4	0.9%	46.4%	10.6	0.6%	50.1%
	2028	46,619	0.7%	46,619	0.7%		11.5	0.7%	46.3%	10.6	0.4%	50.2%
	2029	46,679	0.1%	46,679	0.1%		11.6	0.8%	46.0%	10.6	0.4%	50.1%
	2030	46,930	0.5%	46,930	0.5%		11.7	0.9%	45.9%	10.7	0.6%	50.0%
	2031	47,327	0.8%	47,327	0.8%		11.8	1.0%	45.8%	10.8	0.9%	50.0%
	2032	47,861	1.1%	47,861	1.1%		11.9	0.9%	45.9%	10.9	1.0%	50.1%
	2033	48,216	0.7%	48,216	0.7%		12.1	1.3%	45.6%	11.0	1.0%	50.0%
	2034	48,672	0.9%	48,672	0.9%		12.2	1.2%	45.5%	11.1	1.0%	49.9%
	2035	49,136	1.0%	49,136	1.0%		12.4	1.1%	45.4%	11.2	1.0%	49.9%
	2036	49,690	1.1%	49,690	1.1%		12.5	1.0%	45.5%	11.3	0.9%	50.0%
	2037	49,944	0.5%	49,944	0.5%		12.6	1.2%	45.2%	11.4	0.7%	49.9%
	2038	50,321	0.8%	50,321	0.8%		12.7	1.0%	45.1%	11.5	0.9%	49.9%
	2039	50,753	0.9%	50,753	0.9%		12.9	1.2%	44.9%	11.6	0.8%	49.9%
	2040	51,253	1.0%	51,253	1.0%		13.0	0.9%	45.0%	11.7	0.8%	50.0%
CAGR [1]	2011-2020		0.3%		0.8%			-2.4%	47.8%		0.4%	51.3%
	2021-2030		1.0%		1.0%			1.3%	46.6%		0.9%	50.0%
	2031-2040		0.9%		0.9%			1.1%	45.4%		0.9%	50.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Ft. Meade (Full Req'ts)

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	3,352	2,749	2,931	3,503	3,914	4,074	4,197	4,324	3,983	3,102	2,804	2,983	41,916	43,569
	2012	3,302	2,894	3,205	3,228	4,044	3,683	4,122	4,175	3,779	3,506	2,756	3,132	41,827	41,322
	2013	2,946	2,895	3,199	3,301	3,511	3,816	3,743	4,154	3,687	3,584	2,922	3,084	40,841	40,645
	2014	3,665	2,769	2,895	3,150	3,796	3,774	4,003	4,259	3,689	3,364	2,910	3,194	41,466	41,588
	2015	3,177	3,022	3,262	3,654	4,054	4,082	4,083	4,087	3,895	3,439	3,277	3,226	43,258	42,783
	2016	3,393	3,091	3,105	3,230	3,814	4,143	4,383	4,308	4,074	3,385	2,742	3,029	42,698	43,483
	2017	3,081	2,612	2,994	3,295	4,046	3,701	4,210	4,440	3,542	3,466	2,766	3,116	41,268	41,077
	2018	3,810	2,843	2,944	3,198	3,450	3,980	4,086	4,302	4,202	3,923	3,193	3,221	43,152	42,163
	2019	3,413	2,740	3,003	3,284	4,216	4,203	4,310	4,375	4,266	4,071	3,046	3,093	44,021	44,148
	2020	3,224	3,034	3,569	3,524	3,801	4,255	4,455	4,568	4,196	3,477	3,013	3,199	44,314	44,837
Projected	2021	3,494	2,865	3,141	3,216	3,886	3,967	4,233	4,326	4,166	3,627	3,114	3,303	43,337	42,982
	2022	3,625	2,964	3,240	3,318	4,001	4,081	4,352	4,439	4,267	3,710	3,177	3,369	44,542	44,330
	2023	3,697	3,019	3,296	3,372	4,067	4,146	4,418	4,506	4,329	3,761	3,219	3,415	45,247	45,107
	2024	3,747	3,152	3,330	3,407	4,105	4,179	4,454	4,538	4,357	3,786	3,238	3,437	45,730	45,665
	2025	3,771	3,076	3,348	3,426	4,129	4,202	4,478	4,562	4,380	3,803	3,250	3,457	45,882	45,833
	2026	3,794	3,094	3,361	3,441	4,149	4,221	4,500	4,585	4,402	3,821	3,264	3,480	46,110	46,055
	2027	3,820	3,115	3,376	3,457	4,171	4,242	4,525	4,611	4,426	3,842	3,279	3,503	46,366	46,308
	2028	3,847	3,233	3,389	3,470	4,189	4,258	4,542	4,627	4,440	3,852	3,285	3,517	46,649	46,619
	2029	3,865	3,149	3,397	3,479	4,203	4,271	4,558	4,645	4,458	3,868	3,295	3,538	46,727	46,679
	2030	3,891	3,169	3,411	3,494	4,225	4,294	4,585	4,674	4,485	3,898	3,319	3,570	47,015	46,930
Projected	2031	3,928	3,198	3,437	3,521	4,260	4,330	4,626	4,716	4,525	3,932	3,345	3,604	47,421	47,327
	2032	3,968	3,330	3,465	3,550	4,298	4,369	4,671	4,762	4,567	3,969	3,374	3,640	47,963	47,861
	2033	4,011	3,263	3,495	3,581	4,338	4,410	4,717	4,809	4,611	4,006	3,402	3,677	48,320	48,216
	2034	4,054	3,297	3,525	3,611	4,377	4,451	4,762	4,855	4,654	4,043	3,430	3,713	48,772	48,672
	2035	4,096	3,330	3,555	3,642	4,418	4,493	4,810	4,904	4,701	4,082	3,460	3,753	49,245	49,136
	2036	4,142	3,470	3,586	3,672	4,456	4,531	4,853	4,947	4,739	4,114	3,483	3,784	49,775	49,690
	2037	4,178	3,393	3,608	3,695	4,487	4,562	4,887	4,982	4,771	4,141	3,503	3,812	50,019	49,944
	2038	4,212	3,420	3,631	3,720	4,520	4,597	4,928	5,025	4,812	4,176	3,530	3,851	50,423	50,321
	2039	4,257	3,454	3,660	3,748	4,557	4,634	4,970	5,067	4,850	4,209	3,554	3,884	50,842	50,753
	2040	4,296	3,593	3,684	3,773	4,591	4,668	5,009	5,106	4,887	4,241	3,577	3,917	51,342	51,253

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	8.0%	6.6%	7.0%	8.4%	9.3%	9.7%	10.0%	10.3%	9.5%	7.4%	6.7%	7.1%	100.0%
	2012	7.9%	6.9%	7.7%	7.7%	9.7%	8.8%	9.9%	10.0%	9.0%	8.4%	6.6%	7.5%	100.0%
	2013	7.2%	7.1%	7.8%	8.1%	8.6%	9.3%	9.2%	10.2%	9.0%	8.8%	7.2%	7.6%	100.0%
	2014	8.8%	6.7%	7.0%	7.6%	9.2%	9.1%	9.7%	10.3%	8.9%	8.1%	7.0%	7.7%	100.0%
	2015	7.3%	7.0%	7.5%	8.4%	9.4%	9.4%	9.4%	9.4%	9.0%	7.9%	7.6%	7.5%	100.0%
	2016	7.9%	7.2%	7.3%	7.6%	8.9%	9.7%	10.3%	10.1%	9.5%	7.9%	6.4%	7.1%	100.0%
	2017	7.5%	6.3%	7.3%	8.0%	9.8%	9.0%	10.2%	10.8%	8.6%	8.4%	6.7%	7.6%	100.0%
	2018	8.8%	6.6%	6.8%	7.4%	8.0%	9.2%	9.5%	10.0%	9.7%	9.1%	7.4%	7.5%	100.0%
	2019	7.8%	6.2%	6.8%	7.5%	9.6%	9.5%	9.8%	9.9%	9.7%	9.2%	6.9%	7.0%	100.0%
	2020	7.3%	6.8%	8.1%	8.0%	8.6%	9.6%	10.1%	10.3%	9.5%	7.8%	6.8%	7.2%	100.0%
Projected	2021	8.1%	6.6%	7.2%	7.4%	9.0%	9.2%	9.8%	10.0%	9.6%	8.4%	7.2%	7.6%	100.0%
	2022	8.1%	6.7%	7.3%	7.4%	9.0%	9.2%	9.8%	10.0%	9.6%	8.3%	7.1%	7.6%	100.0%
	2023	8.2%	6.7%	7.3%	7.5%	9.0%	9.2%	9.8%	10.0%	9.6%	8.3%	7.1%	7.5%	100.0%
	2024	8.2%	6.9%	7.3%	7.5%	9.0%	9.1%	9.7%	9.9%	9.5%	8.3%	7.1%	7.5%	100.0%
	2025	8.2%	6.7%	7.3%	7.5%	9.0%	9.2%	9.8%	9.9%	9.5%	8.3%	7.1%	7.5%	100.0%
	2026	8.2%	6.7%	7.3%	7.5%	9.0%	9.2%	9.8%	9.9%	9.5%	8.3%	7.1%	7.5%	100.0%
	2027	8.2%	6.7%	7.3%	7.5%	9.0%	9.1%	9.8%	9.9%	9.5%	8.3%	7.1%	7.6%	100.0%
	2028	8.2%	6.9%	7.3%	7.4%	9.0%	9.1%	9.7%	9.9%	9.5%	8.3%	7.0%	7.5%	100.0%
	2029	8.3%	6.7%	7.3%	7.4%	9.0%	9.1%	9.8%	9.9%	9.5%	8.3%	7.1%	7.6%	100.0%
	2030	8.3%	6.7%	7.3%	7.4%	9.0%	9.1%	9.8%	9.9%	9.5%	8.3%	7.1%	7.6%	100.0%
Avg.	2011-2020	7.9%	6.7%	7.3%	7.9%	9.1%	9.3%	9.8%	10.1%	9.2%	8.3%	6.9%	7.4%	100.0%
	2021-2030	8.2%	6.7%	7.3%	7.4%	9.0%	9.1%	9.8%	9.9%	9.6%	8.3%	7.1%	7.6%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - High Economic Case

Ft. Meade (Full Req'ts)

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	11.1	8.2	6.5	9.0	8.8	9.7	9.0	9.0	8.7	7.2	7.1	6.5	12.5	9.7
	2012	11.0	10.1	6.8	7.9	8.5	8.7	8.9	8.9	8.2	8.4	6.2	8.3	11.0	8.9
	2013	7.0	8.9	9.6	7.4	7.9	8.8	8.5	8.8	8.6	8.0	7.0	6.7	9.6	8.8
	2014	9.9	6.9	6.0	8.0	8.8	8.5	8.5	9.4	8.5	7.8	7.8	8.0	9.9	9.4
	2015	7.9	11.1	7.5	8.0	9.1	9.5	8.8	9.1	8.8	8.3	7.8	6.8	11.1	9.5
	2016	9.7	9.5	7.4	8.2	8.4	9.2	9.5	9.5	8.8	7.7	6.2	6.6	9.7	9.5
	2017	8.5	6.8	7.3	8.7	9.2	9.1	9.3	9.7	9.1	8.0	6.4	8.5	8.5	9.7
	2018	11.8	7.1	7.0	7.7	8.0	8.7	8.9	9.1	9.3	9.0	7.6	7.9	11.8	9.3
	2019	8.8	7.2	7.3	7.7	9.6	10.0	9.6	9.4	9.7	8.5	7.8	7.0	8.8	10.0
	2020	10.0	7.2	8.6	9.0	9.2	10.0	9.7	9.7	9.9	8.9	7.3	8.1	10.0	10.0
Projected	2021	10.4	8.8	7.7	8.4	9.2	9.7	9.5	9.9	9.4	8.8	7.5	8.4	10.4	9.9
	2022	10.8	9.1	8.0	8.6	9.4	9.9	9.8	10.2	9.6	9.1	7.7	8.6	10.8	10.2
	2023	11.0	9.3	8.2	8.7	9.6	10.1	9.9	10.3	9.8	9.2	7.8	8.7	11.0	10.3
	2024	11.1	9.4	8.3	8.8	9.7	10.1	10.0	10.4	9.9	9.3	7.9	8.8	11.1	10.4
	2025	11.2	9.5	8.3	8.9	9.7	10.2	10.0	10.4	9.9	9.3	7.9	8.8	11.2	10.4
	2026	11.3	9.5	8.4	8.9	9.8	10.2	10.1	10.5	10.0	9.4	8.0	8.9	11.3	10.5
	2027	11.4	9.6	8.5	9.0	9.9	10.3	10.1	10.6	10.0	9.5	8.0	9.0	11.4	10.6
	2028	11.5	9.7	8.5	9.0	9.9	10.3	10.2	10.6	10.0	9.5	8.1	9.1	11.5	10.6
	2029	11.6	9.8	8.6	9.1	10.0	10.4	10.2	10.6	10.1	9.6	8.2	9.1	11.6	10.6
	2030	11.7	9.9	8.7	9.2	10.1	10.4	10.3	10.7	10.1	9.6	8.3	9.2	11.7	10.7
Projected	2031	11.8	10.0	8.8	9.3	10.2	10.5	10.4	10.8	10.2	9.7	8.3	9.3	11.8	10.8
	2032	11.9	10.1	8.9	9.4	10.3	10.6	10.5	10.9	10.3	9.8	8.4	9.4	11.9	10.9
	2033	12.1	10.2	9.0	9.5	10.4	10.7	10.6	11.0	10.4	10.0	8.5	9.5	12.1	11.0
	2034	12.2	10.3	9.1	9.6	10.5	10.9	10.7	11.1	10.5	10.1	8.6	9.7	12.2	11.1
	2035	12.4	10.4	9.2	9.7	10.6	11.0	10.8	11.2	10.6	10.2	8.7	9.8	12.4	11.2
	2036	12.5	10.5	9.3	9.8	10.7	11.1	10.9	11.3	10.7	10.3	8.8	9.9	12.5	11.3
	2037	12.6	10.7	9.4	9.8	10.8	11.1	10.9	11.4	10.8	10.4	8.9	10.0	12.6	11.4
	2038	12.7	10.8	9.5	9.9	10.9	11.2	11.0	11.5	10.9	10.5	9.0	10.1	12.7	11.5
	2039	12.9	10.9	9.6	10.0	11.0	11.3	11.1	11.6	11.0	10.6	9.1	10.2	12.9	11.6
	2040	13.0	11.0	9.7	10.1	11.1	11.4	11.2	11.7	11.1	10.7	9.3	10.4	13.0	11.7

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	40.5%	50.1%	60.5%	54.3%	59.6%	58.5%	62.6%	64.6%	63.9%	57.9%	54.5%	61.7%	38.3%	51.5%
	2012	40.3%	41.0%	63.6%	56.6%	64.1%	59.1%	62.5%	63.1%	64.0%	56.2%	62.1%	50.9%	43.4%	53.0%
	2013	56.5%	48.4%	44.8%	61.8%	59.4%	60.5%	59.5%	63.3%	59.7%	60.3%	58.0%	61.8%	48.6%	52.6%
	2014	49.5%	59.4%	64.9%	54.4%	58.0%	61.8%	63.3%	61.2%	60.0%	57.6%	52.1%	53.5%	47.6%	50.7%
	2015	54.3%	40.5%	58.1%	63.4%	59.7%	59.6%	62.1%	60.5%	61.6%	55.4%	58.1%	63.3%	44.5%	51.4%
	2016	47.0%	46.5%	56.1%	54.9%	60.9%	62.7%	62.0%	60.8%	64.3%	58.7%	61.9%	61.9%	50.2%	52.2%
	2017	48.5%	56.9%	55.1%	52.5%	59.0%	56.7%	60.7%	61.4%	54.0%	58.5%	60.1%	49.5%	55.2%	48.2%
	2018	43.5%	59.9%	56.4%	58.0%	58.1%	63.2%	61.8%	63.5%	62.7%	58.7%	58.3%	54.9%	41.9%	51.7%
	2019	52.1%	56.6%	55.2%	58.9%	59.0%	58.2%	60.1%	62.8%	61.4%	64.2%	54.3%	59.4%	57.1%	50.2%
	2020	43.3%	60.4%	55.6%	54.4%	55.2%	59.0%	61.7%	63.4%	59.1%	52.6%	57.5%	52.9%	50.6%	51.1%
Projected	2021	45.2%	48.6%	54.6%	53.3%	56.9%	57.1%	59.9%	58.8%	61.7%	55.3%	57.4%	52.8%	47.6%	49.6%
	2022	45.3%	48.6%	54.4%	53.6%	57.0%	57.2%	60.0%	58.8%	61.5%	55.1%	57.4%	52.7%	47.3%	49.8%
	2023	45.3%	48.5%	54.2%	53.6%	57.0%	57.2%	60.0%	58.7%	61.5%	55.0%	57.5%	52.8%	47.0%	49.9%
	2024	45.3%	48.3%	54.1%	53.7%	57.1%	57.2%	60.0%	58.7%	61.4%	54.9%	57.2%	52.7%	47.0%	50.2%
	2025	45.2%	48.3%	53.9%	53.6%	57.0%	57.2%	60.0%	58.7%	61.4%	54.8%	57.0%	52.6%	46.7%	50.1%
	2026	45.1%	48.3%	53.7%	53.5%	56.9%	57.2%	60.0%	58.7%	61.4%	54.7%	56.8%	52.4%	46.6%	50.1%
	2027	45.0%	48.2%	53.5%	53.4%	56.8%	57.2%	60.0%	58.7%	61.4%	54.6%	56.6%	52.4%	46.4%	50.1%
	2028	45.0%	47.9%	53.3%	53.3%	56.8%	57.2%	60.0%	58.7%	61.4%	54.5%	56.3%	52.2%	46.4%	50.2%
	2029	44.9%	48.0%	53.0%	53.1%	56.6%	57.1%	60.0%	58.7%	61.4%	54.4%	56.0%	52.1%	46.1%	50.1%
	2030	44.8%	47.9%	52.8%	53.0%	56.5%	57.1%	60.0%	58.7%	61.4%	54.3%	55.8%	52.0%	46.0%	50.0%
Avg.	2011-2020	47.6%	52.0%	57.0%	56.9%	59.3%	59.9%	61.6%	62.4%	61.1%	58.0%	57.7%	57.0%	47.7%	51.3%
	2021-2030	45.1%	48.2%	53.8%	53.4%	56.9%	57.2%	60.0%	58.7%	61.4%	54.7%	56.8%	52.5%	46.7%	50.0%

FMPA 2021 Load Forecast - High Economic Case

Ft. Meade (Full Req'ts)

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	11.1	8.1	6.5	8.2	8.1	9.5	8.2	8.4	8.7	7.0	6.6	5.8	12.3	8.4
	2012	10.9	10.1	6.5	7.4	8.1	8.0	7.8	8.3	7.8	7.0	5.3	8.3	10.9	7.8
	2013	6.3	8.9	8.7	6.3	7.6	7.9	7.4	7.8	8.0	7.5	6.6	6.4	8.7	7.8
	2014	9.3	6.8	5.6	7.2	7.8	8.2	7.6	7.2	7.6	7.4	6.9	7.4	9.3	7.2
	2015	7.7	10.6	6.9	7.5	9.1	9.4	8.4	9.0	8.7	8.2	7.8	6.2	10.6	9.4
	2016	9.4	9.5	7.4	8.0	8.0	8.3	9.4	9.3	8.6	7.7	5.3	6.6	7.8	9.4
	2017	8.1	6.3	6.7	8.6	9.2	8.4	8.6	9.2	8.7	7.9	6.2	8.5	6.7	9.2
	2018	11.8	6.3	6.4	7.0	7.4	8.5	8.3	8.9	9.1	8.9	7.2	7.9	11.8	8.9
	2019	8.8	7.2	7.1	7.6	9.6	10.0	8.7	9.2	9.5	8.3	7.8	6.4	7.2	10.0
	2020	10.0	6.5	8.6	8.1	8.7	9.4	9.4	9.3	9.8	8.5	6.8	7.7	8.6	9.4
Projected	2021	10.1	8.5	7.3	7.8	8.8	9.2	8.7	9.3	9.1	8.5	7.1	8.0	10.1	9.3
	2022	10.5	8.8	7.6	8.0	9.0	9.4	9.0	9.5	9.3	8.7	7.2	8.2	10.5	9.5
	2023	10.7	8.9	7.8	8.1	9.1	9.6	9.1	9.7	9.4	8.8	7.3	8.3	10.7	9.7
	2024	10.8	9.0	7.9	8.2	9.2	9.6	9.2	9.7	9.5	8.9	7.4	8.4	10.8	9.7
	2025	10.9	9.1	7.9	8.3	9.3	9.7	9.2	9.8	9.6	9.0	7.4	8.4	10.9	9.8
	2026	11.0	9.2	8.0	8.3	9.3	9.7	9.3	9.8	9.6	9.0	7.5	8.5	11.0	9.8
	2027	11.1	9.3	8.1	8.4	9.4	9.8	9.3	9.9	9.7	9.1	7.5	8.6	11.1	9.9
	2028	11.2	9.3	8.1	8.4	9.5	9.8	9.3	9.9	9.7	9.1	7.6	8.6	11.2	9.9
	2029	11.3	9.4	8.2	8.5	9.5	9.9	9.4	10.0	9.7	9.2	7.7	8.7	11.3	10.0
	2030	11.4	9.5	8.3	8.5	9.6	9.9	9.4	10.0	9.8	9.3	7.7	8.8	11.4	10.0
Projected	2031	11.5	9.6	8.3	8.6	9.7	10.0	9.5	10.1	9.9	9.4	7.8	8.9	11.5	10.1
	2032	11.6	9.7	8.4	8.7	9.8	10.1	9.6	10.2	10.0	9.5	7.9	9.0	11.6	10.2
	2033	11.7	9.8	8.5	8.8	9.9	10.2	9.7	10.3	10.1	9.6	8.0	9.1	11.7	10.3
	2034	11.9	9.9	8.6	8.9	10.0	10.3	9.8	10.4	10.2	9.7	8.1	9.2	11.9	10.4
	2035	12.0	10.0	8.7	9.0	10.1	10.4	9.9	10.5	10.3	9.8	8.2	9.3	12.0	10.5
	2036	12.1	10.2	8.8	9.1	10.2	10.5	10.0	10.6	10.3	9.9	8.3	9.4	12.1	10.6
	2037	12.3	10.3	8.9	9.1	10.3	10.6	10.0	10.7	10.4	9.9	8.4	9.5	12.3	10.7
	2038	12.4	10.4	9.0	9.2	10.4	10.7	10.1	10.8	10.5	10.0	8.5	9.6	12.4	10.8
	2039	12.5	10.5	9.1	9.3	10.5	10.7	10.2	10.8	10.6	10.1	8.5	9.7	12.5	10.8
	2040	12.6	10.6	9.2	9.4	10.6	10.8	10.3	10.9	10.7	10.2	8.7	9.9	12.6	10.9

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	99.9%	98.9%	100.0%	91.7%	92.4%	98.4%	90.5%	93.8%	100.0%	96.9%	92.2%	88.8%	98.8%	87.4%
	2012	99.2%	100.0%	95.6%	93.7%	95.6%	92.4%	88.3%	93.1%	95.2%	83.5%	85.2%	100.0%	99.2%	88.0%
	2013	90.0%	100.0%	90.9%	85.3%	95.6%	90.6%	87.1%	88.9%	93.2%	94.0%	94.9%	95.0%	90.9%	88.9%
	2014	93.6%	98.2%	94.2%	89.6%	88.9%	96.8%	89.1%	76.9%	89.4%	93.9%	88.5%	92.8%	93.6%	76.9%
	2015	98.0%	95.8%	91.0%	93.7%	100.0%	98.3%	94.7%	99.2%	99.0%	98.0%	100.0%	91.0%	95.8%	98.3%
	2016	96.6%	100.0%	100.0%	98.3%	95.4%	90.9%	99.0%	97.6%	97.7%	100.0%	85.4%	100.0%	80.7%	98.8%
	2017	94.7%	92.6%	91.3%	98.6%	100.0%	92.9%	92.4%	94.8%	95.5%	98.9%	97.0%	100.0%	78.1%	94.8%
	2018	100.0%	88.7%	90.8%	91.5%	92.9%	97.7%	92.9%	97.9%	97.5%	98.7%	95.3%	100.0%	100.0%	95.8%
	2019	100.0%	100.0%	97.6%	98.6%	99.8%	100.0%	90.4%	97.7%	98.7%	97.6%	100.0%	91.7%	82.2%	100.0%
	2020	100.0%	90.0%	99.5%	89.7%	93.6%	93.9%	96.4%	95.7%	99.9%	96.1%	93.7%	95.4%	85.8%	93.9%
Projected	2021	97.2%	96.4%	95.1%	93.0%	95.4%	95.2%	91.9%	93.7%	96.6%	96.1%	93.7%	95.4%	97.2%	93.7%
	2022	97.2%	96.4%	95.1%	93.0%	95.4%	95.2%	91.9%	93.7%	96.6%	96.1%	93.7%	95.4%	97.2%	93.7%
	2023	97.2%	96.4%	95.1%	93.0%	95.4%	95.2%	91.9%	93.7%	96.6%	96.1%	93.7%	95.4%	97.2%	93.7%
	2024	97.2%	96.4%	95.1%	93.0%	95.4%	95.2%	91.9%	93.7%	96.6%	96.1%	93.7%	95.4%	97.2%	93.7%
	2025	97.2%	96.4%	95.1%	93.0%	95.4%	95.1%	91.8%	93.7%	96.6%	96.1%	93.7%	95.4%	97.2%	93.7%
	2026	97.2%	96.4%	95.1%	93.0%	95.4%	95.1%	91.8%	93.7%	96.5%	96.1%	93.7%	95.4%	97.2%	93.7%
	2027	97.2%	96.4%	95.1%	93.0%	95.4%	95.1%	91.8%	93.6%	96.5%	96.1%	93.7%	95.4%	97.2%	93.6%
	2028	97.2%	96.4%	95.1%	93.0%	95.4%	95.1%	91.8%	93.6%	96.5%	96.1%	93.7%	95.4%	97.2%	93.6%
	2029	97.2%	96.4%	95.1%	93.0%	95.3%	95.1%	91.7%	93.6%	96.5%	96.1%	93.7%	95.4%	97.2%	93.6%
	2030	97.2%	96.4%	95.1%	92.9%	95.3%	95.1%	91.7%	93.6%	96.5%	96.1%	93.7%	95.4%	97.2%	93.6%
	2011-2020	97.2%	96.4%	95.1%	93.1%	95.4%	95.2%	92.1%	93.6%	96.6%	95.8%	93.2%	95.5%	90.5%	92.3%
	2021-2030	97.2%	96.4%	95.1%	93.0%	95.4%	95.1%	91.8%	93.7%	96.5%	96.1%	93.7%	95.4%	97.2%	93.7%

FMPA 2021 Load Forecast - High Economic Case - Ft Meade

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service						TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	27,574		2,339		11,788		13,249		341		38.9		40,824		2,746	6.3%	43,569	
	2012	25,433	-7.8%	2,329	-0.4%	10,921	-7.4%	13,293	0.3%	338	-0.7%	39.3	1.1%	38,726	-5.1%	2,596	6.3%	41,322	-5.2%
	2013	25,483	0.2%	2,385	2.4%	10,686	-2.2%	12,958	-2.5%	334	-1.2%	38.8	-1.4%	38,441	-0.7%	2,205	5.4%	40,645	-1.6%
	2014	26,215	2.9%	2,374	-0.4%	11,042	3.3%	13,344	3.0%	335	0.2%	39.9	2.8%	39,559	2.9%	2,029	4.9%	41,588	2.3%
	2015	27,135	3.5%	2,381	0.3%	11,396	3.2%	13,389	0.3%	320	-4.4%	41.8	5.0%	40,523	2.4%	2,260	5.3%	42,783	2.9%
	2016	28,004	3.2%	2,378	-0.2%	11,778	3.4%	12,971	-3.1%	318	-0.7%	40.8	-2.5%	40,975	1.1%	2,509	5.8%	43,483	1.6%
	2017	27,230	-2.8%	2,352	-1.1%	11,577	-1.7%	12,277	-5.4%	316	-0.6%	38.8	-4.8%	39,506	-3.6%	1,571	3.8%	41,077	-5.5%
	2018	27,184	-0.2%	2,338	-0.6%	11,627	0.4%	12,176	-0.8%	313	-1.1%	38.9	0.3%	39,360	-0.4%	2,803	6.6%	42,163	2.6%
	2019	28,771	5.8%	2,362	1.0%	12,180	4.8%	13,385	9.9%	312	-0.3%	42.9	10.2%	42,156	7.1%	1,992	4.5%	44,148	4.7%
	2020	29,414	2.2%	2,372	0.4%	12,403	1.8%	13,453	0.5%	318	2.0%	42.3	-1.4%	42,867	1.7%	1,970	4.4%	44,837	1.6%
Projected	2021	28,774	-2.2%	2,395	1.0%	12,012	-3.2%	12,689	-5.7%	313	-1.5%	40.5	-4.2%	41,463	-3.3%	1,789	4.1%	43,252	-3.5%
	2022	29,753	3.4%	2,420	1.0%	12,296	2.4%	12,988	2.4%	315	0.7%	41.2	1.7%	42,741	3.1%	1,935	4.3%	44,676	3.3%
	2023	30,394	2.2%	2,439	0.8%	12,463	1.4%	13,166	1.4%	316	0.3%	41.6	1.0%	43,560	1.9%	1,970	4.3%	45,529	1.9%
	2024	30,717	1.1%	2,456	0.7%	12,507	0.4%	13,371	1.6%	317	0.1%	42.2	1.4%	44,088	1.2%	2,088	4.5%	46,176	1.4%
	2025	30,916	0.6%	2,472	0.6%	12,507	0.0%	13,520	1.1%	317	0.1%	42.7	1.0%	44,436	0.8%	2,008	4.3%	46,443	0.6%
	2026	31,190	0.9%	2,487	0.6%	12,543	0.3%	13,596	0.6%	317	0.0%	42.9	0.5%	44,786	0.8%	2,023	4.3%	46,810	0.8%
	2027	31,538	1.1%	2,501	0.6%	12,612	0.6%	13,641	0.3%	317	0.0%	43.0	0.3%	45,180	0.9%	2,041	4.3%	47,221	0.9%
	2028	31,874	1.1%	2,514	0.5%	12,679	0.5%	13,673	0.2%	317	0.0%	43.1	0.2%	45,547	0.8%	2,157	4.5%	47,704	1.0%
	2029	32,171	0.9%	2,527	0.5%	12,732	0.4%	13,699	0.2%	317	0.0%	43.2	0.2%	45,870	0.7%	2,072	4.3%	47,942	0.5%
	2030	32,567	1.2%	2,539	0.5%	12,827	0.7%	13,723	0.2%	317	0.0%	43.3	0.2%	46,290	0.9%	2,091	4.3%	48,381	0.9%
	2031	33,037	1.4%	2,551	0.5%	12,953	1.0%	13,745	0.2%	317	0.0%	43.3	0.2%	46,782	1.1%	2,114	4.3%	48,896	1.1%
	2032	33,547	1.5%	2,562	0.4%	13,096	1.1%	13,767	0.2%	317	0.0%	43.4	0.2%	47,314	1.1%	2,241	4.5%	49,555	1.3%
	2033	34,081	1.6%	2,572	0.4%	13,250	1.2%	13,788	0.2%	317	0.0%	43.5	0.1%	47,870	1.2%	2,163	4.3%	50,032	1.0%
	2034	34,620	1.6%	2,582	0.4%	13,406	1.2%	13,809	0.2%	317	0.0%	43.5	0.1%	48,429	1.2%	2,188	4.3%	50,617	1.2%
	2035	35,173	1.6%	2,592	0.4%	13,568	1.2%	13,829	0.1%	317	0.0%	43.6	0.1%	49,003	1.2%	2,214	4.3%	51,217	1.2%
	2036	35,722	1.6%	2,602	0.4%	13,729	1.2%	13,850	0.1%	317	0.0%	43.6	0.1%	49,572	1.2%	2,347	4.5%	51,919	1.4%
	2037	36,192	1.3%	2,611	0.4%	13,859	1.0%	13,869	0.1%	317	0.0%	43.7	0.1%	50,061	1.0%	2,261	4.3%	52,322	0.8%
	2038	36,688	1.4%	2,620	0.3%	14,001	1.0%	13,889	0.1%	317	0.0%	43.8	0.1%	50,577	1.0%	2,284	4.3%	52,861	1.0%
	2039	37,247	1.5%	2,629	0.3%	14,166	1.2%	13,908	0.1%	317	0.0%	43.8	0.1%	51,155	1.1%	2,310	4.3%	53,464	1.1%
	2040	37,766	1.4%	2,638	0.3%	14,315	1.1%	13,927	0.1%	317	0.0%	43.9	0.1%	51,693	1.1%	2,446	4.5%	54,140	1.3%
CAGR	2011-2020		0.7%		0.2%		0.6%		0.2%		-0.8%		0.9%		0.5%		5.3%		0.3%
	2021-2030		1.4%		0.6%		0.7%		0.9%		0.1%		0.7%		1.2%		4.3%		1.3%
	2031-2040		1.5%		0.4%		1.1%		0.1%		0.0%		0.1%		1.1%		4.4%		1.1%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - Mild Weather Case

Ft. Meade (Full Req'ts)

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	43,569	-	41,264	-	-5.3%	12.3	-	11.0	-	-11.2%	8.4	-	8.4		-0.3%
	2012	41,322	-5.2%	41,877	1.5%	1.3%	10.9	-11.5%	10.2	-7.1%	-6.8%	7.8	-7.2%	9.0	6.6%	14.7%
	2013	40,645	-1.6%	41,502	-0.9%	2.1%	8.7	-20.1%	9.0	-11.1%	3.8%	7.8	0.2%	8.2	-8.8%	4.5%
	2014	41,588	2.3%	41,939	1.1%	0.8%	9.3	6.8%	10.6	17.2%	13.9%	7.2	-8.3%	7.0	-14.3%	-2.4%
	2015	42,783	2.9%	42,130	0.5%	-1.5%	10.6	14.2%	10.0	-6.1%	-6.4%	9.4	30.0%	9.3	33.0%	-0.1%
	2016	43,483	1.6%	42,055	-0.2%	-3.3%	7.8	-26.3%	9.5	-4.7%	21.0%	9.4	0.5%	9.3	-0.7%	-1.3%
	2017	41,077	-5.5%	40,262	-4.3%	-2.0%	6.7	-14.9%	10.0	4.9%	49.2%	9.2	-1.9%	9.8	6.2%	6.8%
	2018	42,163	2.6%	41,159	2.2%	-2.4%	11.8	76.5%	10.9	9.7%	-7.2%	8.9	-3.3%	9.4	-4.7%	5.2%
	2019	44,148	4.7%	43,063	4.6%	-2.5%	7.2	-38.5%	11.3	3.2%	55.5%	10.0	12.6%	9.8	4.3%	-2.5%
	2020	44,837	1.6%	44,468	3.3%	-0.8%	8.6	18.5%	11.1	-1.5%	29.2%	9.4	-6.2%	9.4	-3.4%	0.4%
Projected	2021	40,752	-9.1%	40,752	-8.4%		8.6	0.8%	8.6	-22.0%		8.7	-7.2%	8.7	-7.6%	
	2022			41,305	1.4%				8.8	1.3%				8.8	1.2%	
	2023			41,693	0.9%				8.8	1.0%				8.9	0.8%	
	2024			41,988	0.7%				8.9	0.6%				8.9	0.3%	
	2025			41,984	0.0%				8.9	0.3%				8.9	0.2%	
	2026			42,091	0.3%				9.0	0.2%				9.0	0.3%	
	2027			42,251	0.4%				9.0	0.4%				9.0	0.4%	
	2028			42,488	0.6%				9.0	0.3%				9.0	0.3%	
	2029			42,519	0.1%				9.0	0.3%				9.1	0.4%	
	2030			42,735	0.5%				9.1	0.4%				9.1	0.6%	
	2031			43,019	0.7%				9.1	0.6%				9.2	0.7%	
	2032			43,433	1.0%				9.2	0.6%				9.3	0.8%	
	2033			43,689	0.6%				9.3	0.8%				9.3	0.8%	
	2034			44,042	0.8%				9.3	0.8%				9.4	0.8%	
	2035			44,410	0.8%				9.4	0.8%				9.5	0.9%	
	2036			44,869	1.0%				9.5	0.8%				9.6	0.8%	
	2037			45,073	0.5%				9.6	0.7%				9.6	0.7%	
	2038			45,396	0.7%				9.6	0.6%				9.7	0.8%	
	2039			45,774	0.8%				9.7	0.8%				9.8	0.8%	
	2040			46,216	1.0%				9.8	0.7%				9.9	0.8%	
CAGR [3]	2011-2020		0.3%		0.8%			-3.9%		0.1%			1.2%		1.3%	
	2021-2030				0.5%					0.5%					0.5%	
	2031-2040				0.8%					0.7%					0.8%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Ft. Meade (Full Req'ts)

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	43,569	-	43,569	-	12.5	9.7	12.5	9.7	12.3	8.4	12.3	8.4
	2012	41,322	-5.2%	41,322	-5.2%	11.0	8.9	11.0	8.9	10.9	7.8	10.9	7.8
	2013	40,645	-1.6%	40,645	-1.6%	9.6	8.8	9.6	8.8	8.7	7.8	8.7	7.8
	2014	41,588	2.3%	41,588	2.3%	9.9	9.4	9.9	9.4	9.3	7.2	9.3	7.2
	2015	42,783	2.9%	42,783	2.9%	11.1	9.5	11.1	9.5	10.6	9.4	10.6	9.4
	2016	43,483	1.6%	41,764	-2.4%	9.7	9.5	9.4	9.2	7.8	9.4	7.8	9.1
	2017	41,077	-5.5%	38,770	-7.2%	8.5	9.7	8.2	9.4	6.7	9.2	6.4	8.9
	2018	42,163	2.6%	40,473	4.4%	11.8	9.3	10.4	9.3	11.8	8.9	10.4	8.9
	2019	44,148	4.7%	44,148	9.1%	8.8	10.0	8.8	10.0	7.2	10.0	7.2	10.0
	2020	44,837	1.6%	41,457	-6.1%	10.0	10.0	9.2	9.3	8.6	9.4	9.0	9.1
Projected	2021	40,752	-9.1%	41,452	0.0%	8.9	9.3	9.2	9.4	8.6	8.7	9.0	9.1
	2022	41,305	1.4%	41,767	0.8%	9.0	9.4	9.3	9.4	8.8	8.8	9.1	9.2
	2023	41,693	0.9%	42,012	0.6%	9.1	9.5	9.4	9.5	8.8	8.9	9.2	9.3
	2024	41,988	0.7%	42,287	0.7%	9.2	9.5	9.4	9.5	8.9	8.9	9.2	9.3
	2025	41,984	0.0%	42,364	0.2%	9.2	9.5	9.4	9.6	8.9	8.9	9.2	9.3
	2026	42,091	0.3%	42,561	0.5%	9.2	9.6	9.5	9.6	9.0	9.0	9.3	9.4
	2027	42,251	0.4%	42,757	0.5%	9.2	9.6	9.5	9.7	9.0	9.0	9.3	9.4
	2028	42,488	0.6%	42,998	0.6%	9.3	9.6	9.6	9.7	9.0	9.0	9.4	9.4
	2029	42,519	0.1%	43,008	0.0%	9.3	9.7	9.6	9.7	9.0	9.1	9.4	9.5
	2030	42,735	0.5%	43,164	0.4%	9.3	9.7	9.6	9.8	9.1	9.1	9.4	9.5
	2031	43,019	0.7%	43,364	0.5%	9.4	9.8	9.7	9.8	9.1	9.2	9.5	9.6
	2032	43,433	1.0%	43,661	0.7%	9.5	9.9	9.7	9.9	9.2	9.3	9.5	9.6
	2033	43,689	0.6%	43,785	0.3%	9.5	10.0	9.8	9.9	9.3	9.3	9.5	9.7
	2034	44,042	0.8%	44,003	0.5%	9.6	10.0	9.8	10.0	9.3	9.4	9.6	9.7
	2035	44,410	0.8%	44,229	0.5%	9.7	10.1	9.8	10.0	9.4	9.5	9.6	9.8
	2036	44,869	1.0%	44,544	0.7%	9.8	10.2	9.9	10.1	9.5	9.6	9.7	9.8
	2037	45,073	0.5%	44,598	0.1%	9.8	10.3	9.9	10.1	9.6	9.6	9.7	9.8
	2038	45,396	0.7%	44,752	0.3%	9.9	10.4	10.0	10.1	9.6	9.7	9.7	9.9
	2039	45,774	0.8%	44,927	0.4%	10.0	10.5	10.0	10.2	9.7	9.8	9.8	9.9
	2040	46,216	1.0%			10.0	10.5			9.8	9.9		
CAGR[1]	Historical		0.3%		0.2%	-2.4%	0.4%	-4.3%	0.5%	-3.0%	2.3%	-5.7%	3.6%
	1st 10 Prj Yrs		0.5%		0.4%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%
	2nd 10 Prj Yrs		0.8%		0.4%	0.7%	0.8%	0.4%	0.5%	0.7%	0.8%	0.4%	0.5%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Ft. Meade (Full Req'ts)

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	43,569	-	41,264	-	-5.3%	12.3	-	11.0	-	-11.2%	8.4	-	8.4		-0.3%
	2012	41,322	-5.2%	41,877	1.5%	1.3%	10.9	-11.5%	10.2	-7.1%	-6.8%	7.8	-7.2%	9.0	6.6%	14.7%
	2013	40,645	-1.6%	41,502	-0.9%	2.1%	8.7	-20.1%	9.0	-11.1%	3.8%	7.8	0.2%	8.2	-8.8%	4.5%
	2014	41,588	2.3%	41,939	1.1%	0.8%	9.3	6.8%	10.6	17.2%	13.9%	7.2	-8.3%	7.0	-14.3%	-2.4%
	2015	42,783	2.9%	42,130	0.5%	-1.5%	10.6	14.2%	10.0	-6.1%	-6.4%	9.4	30.0%	9.3	33.0%	-0.1%
	2016	43,483	1.6%	42,055	-0.2%	-3.3%	7.8	-26.3%	9.5	-4.7%	21.0%	9.4	0.5%	9.3	-0.7%	-1.3%
	2017	41,077	-5.5%	40,262	-4.3%	-2.0%	6.7	-14.9%	10.0	4.9%	49.2%	9.2	-1.9%	9.8	6.2%	6.8%
	2018	42,163	2.6%	41,159	2.2%	-2.4%	11.8	76.5%	10.9	9.7%	-7.2%	8.9	-3.3%	9.4	-4.7%	5.2%
	2019	44,148	4.7%	43,063	4.6%	-2.5%	7.2	-38.5%	11.3	3.2%	55.5%	10.0	12.6%	9.8	4.3%	-2.5%
	2020	44,837	1.6%	43,431	0.9%	-3.1%	8.6	18.5%	11.1	-1.5%	29.2%	9.4	-6.2%	9.4	-3.4%	0.4%
Projected	2021	40,482	-9.7%	40,482	-6.8%		8.6	0.8%	8.6	-22.0%		8.7	-7.9%	8.7	-8.3%	
	2022			40,959	1.2%				8.8	1.3%				8.8	1.0%	
	2023			41,271	0.8%				8.8	1.0%				8.8	0.6%	
	2024			41,477	0.5%				8.9	0.6%				8.8	0.0%	
	2025			41,374	-0.2%				8.9	0.3%				8.8	-0.1%	
	2026			41,337	-0.1%				9.0	0.2%				8.8	-0.1%	
	2027			41,338	0.0%				9.0	0.4%				8.8	0.0%	
	2028			41,404	0.2%				9.0	0.3%				8.8	-0.2%	
	2029			41,257	-0.4%				9.0	0.3%				8.8	-0.1%	
	2030			41,284	0.1%				9.1	0.4%				8.8	0.1%	
	2031			41,450	0.4%				9.1	0.6%				8.8	0.4%	
	2032			41,739	0.7%				9.2	0.6%				8.9	0.5%	
	2033			41,873	0.3%				9.3	0.8%				8.9	0.5%	
	2034			42,097	0.5%				9.3	0.8%				9.0	0.5%	
	2035			42,329	0.6%				9.4	0.8%				9.0	0.6%	
	2036			42,641	0.7%				9.5	0.8%				9.0	0.5%	
	2037			42,695	0.1%				9.6	0.7%				9.1	0.3%	
	2038			42,857	0.4%				9.6	0.6%				9.1	0.5%	
	2039			43,063	0.5%				9.7	0.8%				9.2	0.4%	
	2040			43,329	0.6%				9.8	0.7%				9.2	0.4%	
CAGR [3]	2011-2020		0.3%		0.6%			-3.9%		0.1%			1.2%		1.3%	
	2021-2030				0.2%					0.5%					0.1%	
	2031-2040				0.5%					0.7%					0.5%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Ft. Meade (Full Req'ts)

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	43,569	-	41,264	-	-5.3%	12.5	-	39.8%	9.7	-	51.5%
	2012	41,322	-5.2%	41,877	1.5%	1.3%	11.0	-11.9%	42.9%	8.9	-7.9%	53.0%
	2013	40,645	-1.6%	41,502	-0.9%	2.1%	9.6	-12.9%	48.4%	8.8	-0.8%	52.6%
	2014	41,588	2.3%	41,939	1.1%	0.8%	9.9	3.8%	47.7%	9.4	6.0%	50.7%
	2015	42,783	2.9%	42,130	0.5%	-1.5%	11.1	11.6%	44.0%	9.5	1.6%	51.4%
	2016	43,483	1.6%	42,055	-0.2%	-3.3%	9.7	-12.5%	51.1%	9.5	0.1%	52.2%
	2017	41,077	-5.5%	40,262	-4.3%	-2.0%	8.5	-12.1%	54.9%	9.7	2.2%	48.2%
	2018	42,163	2.6%	41,159	2.2%	-2.4%	11.8	37.9%	40.9%	9.3	-4.3%	51.7%
	2019	44,148	4.7%	43,063	4.6%	-2.5%	8.8	-25.2%	57.2%	10.0	7.9%	50.2%
	2020	44,837	1.6%	43,431	0.9%	-3.1%	10.0	13.6%	51.1%	10.0	-0.2%	51.1%
Projected	2021	40,482	-9.7%	40,482	-6.8%		8.9	-11.1%	52.0%	9.2	-7.8%	50.0%
	2022	40,959	1.2%	40,959	1.2%		9.0	1.3%	51.9%	9.3	1.0%	50.1%
	2023	41,271	0.8%	41,271	0.8%		9.1	1.0%	51.8%	9.4	0.6%	50.1%
	2024	41,477	0.5%	41,477	0.5%		9.2	0.6%	51.7%	9.4	0.0%	50.4%
	2025	41,374	-0.2%	41,374	-0.2%		9.2	0.3%	51.4%	9.4	-0.1%	50.3%
	2026	41,337	-0.1%	41,337	-0.1%		9.2	0.2%	51.2%	9.4	-0.1%	50.3%
	2027	41,338	0.0%	41,338	0.0%		9.2	0.4%	51.1%	9.4	0.0%	50.3%
	2028	41,404	0.2%	41,404	0.2%		9.3	0.3%	51.0%	9.4	-0.1%	50.4%
	2029	41,257	-0.4%	41,257	-0.4%		9.3	0.3%	50.7%	9.4	-0.1%	50.3%
	2030	41,284	0.1%	41,284	0.1%		9.3	0.4%	50.5%	9.4	0.1%	50.2%
	2031	41,450	0.4%	41,450	0.4%		9.4	0.6%	50.4%	9.4	0.4%	50.2%
	2032	41,739	0.7%	41,739	0.7%		9.5	0.6%	50.4%	9.5	0.5%	50.3%
	2033	41,873	0.3%	41,873	0.3%		9.5	0.8%	50.1%	9.5	0.6%	50.2%
	2034	42,097	0.5%	42,097	0.5%		9.6	0.8%	50.0%	9.6	0.6%	50.2%
	2035	42,329	0.6%	42,329	0.6%		9.7	0.8%	49.9%	9.6	0.6%	50.1%
	2036	42,641	0.7%	42,641	0.7%		9.8	0.8%	49.9%	9.7	0.5%	50.3%
	2037	42,695	0.1%	42,695	0.1%		9.8	0.7%	49.6%	9.7	0.3%	50.2%
	2038	42,857	0.4%	42,857	0.4%		9.9	0.6%	49.4%	9.8	0.5%	50.1%
	2039	43,063	0.5%	43,063	0.5%		10.0	0.8%	49.3%	9.8	0.5%	50.1%
	2040	43,329	0.6%	43,329	0.6%		10.0	0.7%	49.3%	9.8	0.4%	50.2%
CAGR [1]	2011-2020		0.3%		0.6%			-2.4%	47.8%		0.4%	51.3%
	2021-2030		0.2%		0.2%			0.5%	51.3%		0.2%	50.2%
	2031-2040		0.5%		0.5%			0.7%	49.8%		0.5%	50.2%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Ft. Meade (Full Req'ts)

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	3,352	2,749	2,931	3,503	3,914	4,074	4,197	4,324	3,983	3,102	2,804	2,983	41,916	43,569
	2012	3,302	2,894	3,205	3,228	4,044	3,683	4,122	4,175	3,779	3,506	2,756	3,132	41,827	41,322
	2013	2,946	2,895	3,199	3,301	3,511	3,816	3,743	4,154	3,687	3,584	2,922	3,084	40,841	40,645
	2014	3,665	2,769	2,895	3,150	3,796	3,774	4,003	4,259	3,689	3,364	2,910	3,194	41,466	41,588
	2015	3,177	3,022	3,262	3,654	4,054	4,082	4,083	4,087	3,895	3,439	3,277	3,226	43,258	42,783
	2016	3,393	3,091	3,105	3,230	3,814	4,143	4,383	4,308	4,074	3,385	2,742	3,029	42,698	43,483
	2017	3,081	2,612	2,994	3,295	4,046	3,701	4,210	4,440	3,542	3,466	2,766	3,116	41,268	41,077
	2018	3,810	2,843	2,944	3,198	3,450	3,980	4,086	4,302	4,202	3,923	3,193	3,221	43,152	42,163
	2019	3,413	2,740	3,003	3,284	4,216	4,203	4,310	4,375	4,266	4,071	3,046	3,093	44,021	44,148
	2020	3,224	3,034	3,569	3,524	3,801	4,255	4,455	4,568	4,196	3,477	3,013	2,787	43,902	44,837
Projected	2021	2,851	2,542	3,172	3,191	3,847	3,735	3,951	4,026	3,891	3,544	3,048	2,811	40,607	40,482
	2022	2,891	2,574	3,207	3,230	3,891	3,775	3,993	4,067	3,929	3,580	3,075	2,838	41,049	40,959
	2023	2,918	2,597	3,232	3,254	3,919	3,800	4,016	4,091	3,952	3,599	3,092	2,855	41,324	41,271
	2024	2,935	2,698	3,244	3,265	3,928	3,802	4,019	4,089	3,950	3,599	3,090	2,856	41,476	41,477
	2025	2,937	2,613	3,243	3,264	3,928	3,798	4,014	4,085	3,947	3,594	3,085	2,856	41,363	41,374
	2026	2,937	2,614	3,238	3,260	3,926	3,793	4,009	4,081	3,944	3,592	3,082	2,859	41,335	41,337
	2027	2,941	2,617	3,236	3,259	3,927	3,792	4,009	4,081	3,944	3,592	3,081	2,864	41,342	41,338
	2028	2,945	2,709	3,233	3,256	3,925	3,786	4,002	4,074	3,936	3,585	3,072	2,862	41,386	41,404
	2029	2,944	2,619	3,226	3,250	3,921	3,779	3,997	4,070	3,932	3,583	3,069	2,866	41,255	41,257
	2030	2,949	2,624	3,225	3,250	3,925	3,781	4,000	4,075	3,937	3,596	3,078	2,879	41,318	41,284
Projected	2031	2,963	2,635	3,235	3,262	3,942	3,796	4,018	4,092	3,954	3,612	3,090	2,894	41,493	41,450
	2032	2,979	2,738	3,248	3,276	3,961	3,814	4,038	4,114	3,974	3,631	3,104	2,912	41,790	41,739
	2033	2,997	2,665	3,263	3,292	3,983	3,834	4,061	4,137	3,996	3,650	3,119	2,930	41,925	41,873
	2034	3,016	2,680	3,278	3,308	4,004	3,853	4,082	4,159	4,016	3,669	3,133	2,947	42,147	42,097
	2035	3,035	2,696	3,293	3,324	4,027	3,874	4,107	4,184	4,040	3,691	3,149	2,967	42,387	42,329
	2036	3,055	2,804	3,308	3,340	4,048	3,892	4,126	4,203	4,057	3,706	3,159	2,981	42,679	42,641
	2037	3,069	2,724	3,317	3,349	4,061	3,904	4,139	4,217	4,069	3,716	3,165	2,993	42,724	42,695
	2038	3,082	2,736	3,326	3,360	4,078	3,919	4,157	4,236	4,088	3,735	3,179	3,012	42,908	42,857
	2039	3,102	2,752	3,339	3,374	4,098	3,936	4,176	4,255	4,105	3,751	3,190	3,027	43,105	43,063
	2040	3,118	2,858	3,350	3,386	4,115	3,950	4,193	4,272	4,121	3,766	3,200	3,043	43,371	43,329

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	8.0%	6.6%	7.0%	8.4%	9.3%	9.7%	10.0%	10.3%	9.5%	7.4%	6.7%	7.1%	100.0%
	2012	7.9%	6.9%	7.7%	7.7%	9.7%	8.8%	9.9%	10.0%	9.0%	8.4%	6.6%	7.5%	100.0%
	2013	7.2%	7.1%	7.8%	8.1%	8.6%	9.3%	9.2%	10.2%	9.0%	8.8%	7.2%	7.6%	100.0%
	2014	8.8%	6.7%	7.0%	7.6%	9.2%	9.1%	9.7%	10.3%	8.9%	8.1%	7.0%	7.7%	100.0%
	2015	7.3%	7.0%	7.5%	8.4%	9.4%	9.4%	9.4%	9.4%	9.0%	7.9%	7.6%	7.5%	100.0%
	2016	7.9%	7.2%	7.3%	7.6%	8.9%	9.7%	10.3%	10.1%	9.5%	7.9%	6.4%	7.1%	100.0%
	2017	7.5%	6.3%	7.3%	8.0%	9.8%	9.0%	10.2%	10.8%	8.6%	8.4%	6.7%	7.6%	100.0%
	2018	8.8%	6.6%	6.8%	7.4%	8.0%	9.2%	9.5%	10.0%	9.7%	9.1%	7.4%	7.5%	100.0%
	2019	7.8%	6.2%	6.8%	7.5%	9.6%	9.5%	9.8%	9.9%	9.7%	9.2%	6.9%	7.0%	100.0%
	2020	7.3%	6.9%	8.1%	8.0%	8.7%	9.7%	10.1%	10.4%	9.6%	7.9%	6.9%	6.3%	100.0%
Projected	2021	7.0%	6.3%	7.8%	7.9%	9.5%	9.2%	9.7%	9.9%	9.6%	8.7%	7.5%	6.9%	100.0%
	2022	7.0%	6.3%	7.8%	7.9%	9.5%	9.2%	9.7%	9.9%	9.6%	8.7%	7.5%	6.9%	100.0%
	2023	7.1%	6.3%	7.8%	7.9%	9.5%	9.2%	9.7%	9.9%	9.6%	8.7%	7.5%	6.9%	100.0%
	2024	7.1%	6.5%	7.8%	7.9%	9.5%	9.2%	9.7%	9.9%	9.5%	8.7%	7.5%	6.9%	100.0%
	2025	7.1%	6.3%	7.8%	7.9%	9.5%	9.2%	9.7%	9.9%	9.5%	8.7%	7.5%	6.9%	100.0%
	2026	7.1%	6.3%	7.8%	7.9%	9.5%	9.2%	9.7%	9.9%	9.5%	8.7%	7.5%	6.9%	100.0%
	2027	7.1%	6.3%	7.8%	7.9%	9.5%	9.2%	9.7%	9.9%	9.5%	8.7%	7.5%	6.9%	100.0%
	2028	7.1%	6.5%	7.8%	7.9%	9.5%	9.1%	9.7%	9.8%	9.5%	8.7%	7.4%	6.9%	100.0%
	2029	7.1%	6.3%	7.8%	7.9%	9.5%	9.2%	9.7%	9.9%	9.5%	8.7%	7.4%	6.9%	100.0%
	2030	7.1%	6.3%	7.8%	7.9%	9.5%	9.2%	9.7%	9.9%	9.5%	8.7%	7.5%	7.0%	100.0%
Avg.	2011-2020	7.9%	6.8%	7.3%	7.9%	9.1%	9.4%	9.8%	10.1%	9.3%	8.3%	6.9%	7.3%	100.0%
	2021-2030	7.1%	6.4%	7.8%	7.9%	9.5%	9.2%	9.7%	9.9%	9.5%	8.7%	7.5%	6.9%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Mild Weather Case

Ft. Meade (Full Req'ts)

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	11.1	8.2	6.5	9.0	8.8	9.7	9.0	9.0	8.7	7.2	7.1	6.5	12.5	9.7
	2012	11.0	10.1	6.8	7.9	8.5	8.7	8.9	8.9	8.2	8.4	6.2	8.3	11.0	8.9
	2013	7.0	8.9	9.6	7.4	7.9	8.8	8.5	8.8	8.6	8.0	7.0	6.7	9.6	8.8
	2014	9.9	6.9	6.0	8.0	8.8	8.5	8.5	9.4	8.5	7.8	7.8	8.0	9.9	9.4
	2015	7.9	11.1	7.5	8.0	9.1	9.5	8.8	9.1	8.8	8.3	7.8	6.8	11.1	9.5
	2016	9.7	9.5	7.4	8.2	8.4	9.2	9.5	9.5	8.8	7.7	6.2	6.6	9.7	9.5
	2017	8.5	6.8	7.3	8.7	9.2	9.1	9.3	9.7	9.1	8.0	6.4	8.5	8.5	9.7
	2018	11.8	7.1	7.0	7.7	8.0	8.7	8.9	9.1	9.3	9.0	7.6	7.9	11.8	9.3
	2019	8.8	7.2	7.3	7.7	9.6	10.0	9.6	9.4	9.7	8.5	7.8	7.0	8.8	10.0
	2020	10.0	7.2	8.6	9.0	9.2	10.0	9.7	9.7	9.9	8.9	6.2	7.0	10.0	10.0
Projected	2021	8.9	7.5	6.6	7.8	8.6	9.0	8.9	9.2	8.8	8.2	6.3	7.0	8.9	9.2
	2022	9.0	7.6	6.7	7.9	8.7	9.1	9.0	9.3	8.9	8.3	6.4	7.1	9.0	9.3
	2023	9.1	7.7	6.8	8.0	8.7	9.2	9.0	9.4	8.9	8.4	6.4	7.2	9.1	9.4
	2024	9.2	7.7	6.8	8.0	8.8	9.2	9.0	9.4	8.9	8.4	6.4	7.2	9.2	9.4
	2025	9.2	7.8	6.8	8.0	8.8	9.2	9.0	9.4	8.9	8.4	6.4	7.2	9.2	9.4
	2026	9.2	7.8	6.8	8.0	8.8	9.2	9.0	9.4	8.9	8.4	6.5	7.2	9.2	9.4
	2027	9.2	7.8	6.9	8.0	8.8	9.2	9.0	9.4	8.9	8.4	6.5	7.3	9.2	9.4
	2028	9.3	7.8	6.9	8.0	8.8	9.1	9.0	9.4	8.9	8.4	6.5	7.3	9.3	9.4
	2029	9.3	7.8	6.9	8.0	8.8	9.1	9.0	9.4	8.9	8.4	6.5	7.3	9.3	9.4
	2030	9.3	7.9	6.9	8.0	8.8	9.1	9.0	9.4	8.9	8.5	6.6	7.3	9.3	9.4
Projected	2031	9.4	7.9	7.0	8.1	8.9	9.2	9.0	9.4	8.9	8.5	6.6	7.4	9.4	9.4
	2032	9.5	8.0	7.0	8.1	8.9	9.2	9.1	9.5	9.0	8.6	6.7	7.5	9.5	9.5
	2033	9.5	8.0	7.1	8.2	9.0	9.3	9.1	9.5	9.0	8.6	6.7	7.5	9.5	9.5
	2034	9.6	8.1	7.2	8.2	9.1	9.3	9.2	9.6	9.1	8.7	6.8	7.6	9.6	9.6
	2035	9.7	8.2	7.2	8.3	9.1	9.4	9.2	9.6	9.1	8.7	6.8	7.6	9.7	9.6
	2036	9.8	8.2	7.3	8.4	9.2	9.4	9.3	9.7	9.2	8.8	6.9	7.7	9.8	9.7
	2037	9.8	8.3	7.3	8.4	9.2	9.5	9.3	9.7	9.2	8.8	6.9	7.7	9.8	9.7
	2038	9.9	8.3	7.4	8.5	9.3	9.5	9.4	9.8	9.2	8.9	7.0	7.8	9.9	9.8
	2039	10.0	8.4	7.4	8.5	9.3	9.6	9.4	9.8	9.3	9.0	7.0	7.9	10.0	9.8
	2040	10.0	8.5	7.5	8.6	9.4	9.6	9.4	9.8	9.3	9.0	7.2	8.0	10.0	9.8

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	40.5%	50.1%	60.5%	54.3%	59.6%	58.5%	62.6%	64.6%	63.9%	57.9%	54.5%	61.7%	38.3%	51.5%
	2012	40.3%	41.0%	63.6%	56.6%	64.1%	59.1%	62.5%	63.1%	64.0%	56.2%	62.1%	50.9%	43.4%	53.0%
	2013	56.5%	48.4%	44.8%	61.8%	59.4%	60.5%	59.5%	63.3%	59.7%	60.3%	58.0%	61.8%	48.6%	52.6%
	2014	49.5%	59.4%	64.9%	54.4%	58.0%	61.8%	63.3%	61.2%	60.0%	57.6%	52.1%	53.5%	47.6%	50.7%
	2015	54.3%	40.5%	58.1%	63.4%	59.7%	59.6%	62.1%	60.5%	61.6%	55.4%	58.1%	63.3%	44.5%	51.4%
	2016	47.0%	46.5%	56.1%	54.9%	60.9%	62.7%	62.0%	60.8%	64.3%	58.7%	61.9%	61.9%	50.2%	52.2%
	2017	48.5%	56.9%	55.1%	52.5%	59.0%	56.7%	60.7%	61.4%	54.0%	58.5%	60.1%	49.5%	55.2%	48.2%
	2018	43.5%	59.9%	56.4%	58.0%	58.1%	63.2%	61.8%	63.5%	62.7%	58.7%	58.3%	54.9%	41.9%	51.7%
	2019	52.1%	56.6%	55.2%	58.9%	59.0%	58.2%	60.1%	62.8%	61.4%	64.2%	54.3%	59.4%	57.1%	50.2%
	2020	43.3%	60.4%	55.6%	54.4%	55.2%	59.0%	61.7%	63.4%	59.1%	52.6%	67.2%	53.9%	50.1%	51.1%
Projected	2021	43.1%	50.4%	64.4%	56.6%	60.3%	57.5%	59.8%	58.5%	61.6%	57.8%	67.1%	53.6%	52.1%	50.0%
	2022	43.1%	50.4%	64.3%	56.7%	60.3%	57.5%	59.8%	58.5%	61.6%	57.8%	67.0%	53.6%	52.0%	50.1%
	2023	43.1%	50.3%	64.1%	56.7%	60.3%	57.5%	59.8%	58.5%	61.6%	57.7%	67.0%	53.6%	51.8%	50.1%
	2024	43.1%	50.1%	64.0%	56.8%	60.3%	57.6%	59.8%	58.5%	61.5%	57.6%	66.7%	53.4%	51.7%	50.4%
	2025	43.0%	50.2%	63.8%	56.8%	60.3%	57.5%	59.8%	58.4%	61.5%	57.5%	66.5%	53.3%	51.4%	50.3%
	2026	42.9%	50.1%	63.5%	56.7%	60.2%	57.5%	59.8%	58.4%	61.5%	57.5%	66.2%	53.2%	51.2%	50.3%
	2027	42.8%	49.9%	63.3%	56.6%	60.1%	57.5%	59.8%	58.4%	61.5%	57.4%	65.9%	53.1%	51.1%	50.3%
	2028	42.7%	49.7%	63.0%	56.5%	60.1%	57.5%	59.8%	58.4%	61.5%	57.2%	65.6%	52.9%	51.0%	50.4%
	2029	42.6%	49.7%	62.7%	56.3%	59.9%	57.4%	59.8%	58.4%	61.5%	57.2%	65.2%	52.7%	50.7%	50.3%
	2030	42.4%	49.5%	62.4%	56.1%	59.8%	57.4%	59.8%	58.4%	61.5%	57.1%	65.0%	52.7%	50.5%	50.2%
Avg.	2011-2020	47.6%	52.0%	57.0%	56.9%	59.3%	59.9%	61.6%	62.4%	61.1%	58.0%	58.7%	57.1%	47.7%	51.3%
	2021-2030	42.9%	50.0%	63.6%	56.6%	60.2%	57.5%	59.8%	58.5%	61.6%	57.5%	66.2%	53.2%	51.3%	50.2%

FMPA 2021 Load Forecast - Mild Weather Case

Ft. Meade (Full Req'ts)

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	11.1	8.1	6.5	8.2	8.1	9.5	8.2	8.4	8.7	7.0	6.6	5.8	12.3	8.4
	2012	10.9	10.1	6.5	7.4	8.1	8.0	7.8	8.3	7.8	7.0	5.3	8.3	10.9	7.8
	2013	6.3	8.9	8.7	6.3	7.6	7.9	7.4	7.8	8.0	7.5	6.6	6.4	8.7	7.8
	2014	9.3	6.8	5.6	7.2	7.8	8.2	7.6	7.2	7.6	7.4	6.9	7.4	9.3	7.2
	2015	7.7	10.6	6.9	7.5	9.1	9.4	8.4	9.0	8.7	8.2	7.8	6.2	10.6	9.4
	2016	9.4	9.5	7.4	8.0	8.0	8.3	9.4	9.3	8.6	7.7	5.3	6.6	7.8	9.4
	2017	8.1	6.3	6.7	8.6	9.2	8.4	8.6	9.2	8.7	7.9	6.2	8.5	6.7	9.2
	2018	11.8	6.3	6.4	7.0	7.4	8.5	8.3	8.9	9.1	8.9	7.2	7.9	11.8	8.9
	2019	8.8	7.2	7.1	7.6	9.6	10.0	8.7	9.2	9.5	8.3	7.8	6.4	7.2	10.0
	2020	10.0	6.5	8.6	8.1	8.7	9.4	9.4	9.3	9.8	8.5	5.8	6.6	8.6	9.4
Projected	2021	8.6	7.2	6.3	7.3	8.2	8.6	8.2	8.7	8.5	7.9	5.9	6.7	8.6	8.7
	2022	8.8	7.3	6.4	7.4	8.3	8.7	8.2	8.8	8.6	8.0	6.0	6.8	8.8	8.8
	2023	8.8	7.4	6.4	7.4	8.3	8.7	8.3	8.8	8.6	8.1	6.0	6.8	8.8	8.8
	2024	8.9	7.5	6.5	7.4	8.3	8.7	8.3	8.8	8.6	8.1	6.0	6.9	8.9	8.8
	2025	8.9	7.5	6.5	7.4	8.3	8.7	8.3	8.8	8.6	8.1	6.0	6.9	8.9	8.8
	2026	9.0	7.5	6.5	7.4	8.4	8.7	8.3	8.8	8.6	8.1	6.1	6.9	9.0	8.8
	2027	9.0	7.5	6.5	7.4	8.4	8.7	8.3	8.8	8.6	8.1	6.1	6.9	9.0	8.8
	2028	9.0	7.5	6.6	7.4	8.4	8.7	8.3	8.8	8.6	8.1	6.1	6.9	9.0	8.8
	2029	9.0	7.6	6.6	7.4	8.4	8.7	8.2	8.8	8.6	8.1	6.1	7.0	9.0	8.8
	2030	9.1	7.6	6.6	7.5	8.4	8.7	8.2	8.8	8.6	8.1	6.2	7.0	9.1	8.8
Projected	2031	9.1	7.6	6.6	7.5	8.5	8.7	8.3	8.8	8.6	8.2	6.2	7.1	9.1	8.8
	2032	9.2	7.7	6.7	7.6	8.5	8.8	8.3	8.9	8.7	8.2	6.3	7.1	9.2	8.9
	2033	9.3	7.8	6.7	7.6	8.6	8.8	8.4	8.9	8.7	8.3	6.3	7.2	9.3	8.9
	2034	9.3	7.8	6.8	7.7	8.6	8.9	8.4	9.0	8.7	8.3	6.4	7.2	9.3	9.0
	2035	9.4	7.9	6.9	7.7	8.7	8.9	8.5	9.0	8.8	8.4	6.4	7.3	9.4	9.0
	2036	9.5	7.9	6.9	7.8	8.8	9.0	8.5	9.0	8.8	8.4	6.4	7.3	9.5	9.0
	2037	9.6	8.0	7.0	7.8	8.8	9.0	8.5	9.1	8.9	8.5	6.5	7.4	9.6	9.1
	2038	9.6	8.0	7.0	7.8	8.8	9.0	8.6	9.1	8.9	8.5	6.5	7.4	9.6	9.1
	2039	9.7	8.1	7.1	7.9	8.9	9.1	8.6	9.2	8.9	8.6	6.6	7.5	9.7	9.2
	2040	9.8	8.2	7.1	7.9	9.0	9.1	8.6	9.2	9.0	8.6	6.7	7.6	9.8	9.2

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	99.9%	98.9%	100.0%	91.7%	92.4%	98.4%	90.5%	93.8%	100.0%	96.9%	92.2%	88.8%	98.8%	87.4%
	2012	99.2%	100.0%	95.6%	93.7%	95.6%	92.4%	88.3%	93.1%	95.2%	83.5%	85.2%	100.0%	99.2%	88.0%
	2013	90.0%	100.0%	90.9%	85.3%	95.6%	90.6%	87.1%	88.9%	93.2%	94.0%	94.9%	95.0%	90.9%	88.9%
	2014	93.6%	98.2%	94.2%	89.6%	88.9%	96.8%	89.1%	76.9%	89.4%	93.9%	88.5%	92.8%	93.6%	76.9%
	2015	98.0%	95.8%	91.0%	93.7%	100.0%	98.3%	94.7%	99.2%	99.0%	98.0%	100.0%	91.0%	95.8%	98.3%
	2016	96.6%	100.0%	100.0%	98.3%	95.4%	90.9%	99.0%	97.6%	97.7%	100.0%	85.4%	100.0%	80.7%	98.8%
	2017	94.7%	92.6%	91.3%	98.6%	100.0%	92.9%	92.4%	94.8%	95.5%	98.9%	97.0%	100.0%	78.1%	94.8%
	2018	100.0%	88.7%	90.8%	91.5%	92.9%	97.7%	92.9%	97.9%	97.5%	98.7%	95.3%	100.0%	100.0%	95.8%
	2019	100.0%	100.0%	97.6%	98.6%	99.8%	100.0%	90.4%	97.7%	98.7%	97.6%	100.0%	91.7%	82.2%	100.0%
	2020	100.0%	90.0%	99.5%	89.7%	93.6%	93.9%	96.4%	95.7%	99.9%	96.1%	93.7%	95.4%	85.8%	93.9%
Projected	2021	97.2%	96.4%	95.1%	93.0%	95.4%	95.2%	91.9%	93.7%	96.6%	96.1%	93.7%	95.4%	97.2%	93.7%
	2022	97.2%	96.4%	95.1%	93.0%	95.4%	95.2%	91.9%	93.7%	96.6%	96.1%	93.7%	95.4%	97.2%	93.7%
	2023	97.2%	96.4%	95.1%	93.0%	95.4%	95.2%	91.9%	93.7%	96.6%	96.1%	93.7%	95.4%	97.2%	93.7%
	2024	97.2%	96.4%	95.1%	93.0%	95.4%	95.1%	91.8%	93.7%	96.6%	96.1%	93.7%	95.4%	97.2%	93.7%
	2025	97.2%	96.4%	95.1%	93.0%	95.4%	95.1%	91.8%	93.7%	96.5%	96.1%	93.7%	95.4%	97.2%	93.7%
	2026	97.2%	96.4%	95.1%	93.0%	95.4%	95.1%	91.8%	93.7%	96.5%	96.1%	93.7%	95.4%	97.2%	93.7%
	2027	97.2%	96.4%	95.1%	93.0%	95.4%	95.1%	91.8%	93.6%	96.5%	96.1%	93.7%	95.4%	97.2%	93.6%
	2028	97.2%	96.4%	95.1%	93.0%	95.4%	95.1%	91.7%	93.6%	96.5%	96.1%	93.7%	95.4%	97.2%	93.6%
	2029	97.2%	96.4%	95.1%	92.9%	95.3%	95.1%	91.7%	93.6%	96.5%	96.1%	93.7%	95.4%	97.2%	93.6%
	2030	97.2%	96.4%	95.1%	92.9%	95.3%	95.0%	91.6%	93.5%	96.5%	96.1%	93.7%	95.4%	97.2%	93.5%
	2011-2020	97.2%	96.4%	95.1%	93.1%	95.4%	95.2%	92.1%	93.6%	96.6%	95.8%	93.2%	95.5%	90.5%	92.3%
	2021-2030	97.2%	96.4%	95.1%	93.0%	95.4%	95.1%	91.8%	93.7%	96.5%	96.1%	93.7%	95.4%	97.2%	93.7%

FMPA 2021 Load Forecast - Mild Weather Case - Ft Meade

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service						TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	27,574		2,339		11,788		13,249		341		38.9		40,824		2,746	6.3%	43,569	
	2012	25,433	-7.8%	2,329	-0.4%	10,921	-7.4%	13,293	0.3%	338	-0.7%	39.3	1.1%	38,726	-5.1%	2,596	6.3%	41,322	-5.2%
	2013	25,483	0.2%	2,385	2.4%	10,686	-2.2%	12,958	-2.5%	334	-1.2%	38.8	-1.4%	38,441	-0.7%	2,205	5.4%	40,645	-1.6%
	2014	26,215	2.9%	2,374	-0.4%	11,042	3.3%	13,344	3.0%	335	0.2%	39.9	2.8%	39,559	2.9%	2,029	4.9%	41,588	2.3%
	2015	27,135	3.5%	2,381	0.3%	11,396	3.2%	13,389	0.3%	320	-4.4%	41.8	5.0%	40,523	2.4%	2,260	5.3%	42,783	2.9%
	2016	28,004	3.2%	2,378	-0.2%	11,778	3.4%	12,971	-3.1%	318	-0.7%	40.8	-2.5%	40,975	1.1%	2,509	5.8%	43,483	1.6%
	2017	27,230	-2.8%	2,352	-1.1%	11,577	-1.7%	12,277	-5.4%	316	-0.6%	38.8	-4.8%	39,506	-3.6%	1,571	3.8%	41,077	-5.5%
	2018	27,184	-0.2%	2,338	-0.6%	11,627	0.4%	12,176	-0.8%	313	-1.1%	38.9	0.3%	39,360	-0.4%	2,803	6.6%	42,163	2.6%
	2019	28,771	5.8%	2,362	1.0%	12,180	4.8%	13,385	9.9%	312	-0.3%	42.9	10.2%	42,156	7.1%	1,992	4.5%	44,148	4.7%
	2020	29,414	2.2%	2,372	0.4%	12,403	1.8%	13,453	0.5%	318	2.0%	42.3	-1.4%	42,867	1.7%	1,970	4.4%	44,837	1.6%
Projected	2021	26,439	-10.1%	2,391	0.8%	11,058	-10.8%	12,419	-7.7%	313	-1.5%	39.7	-6.3%	38,859	-9.3%	1,893	4.6%	40,752	-9.1%
	2022	26,515	0.3%	2,403	0.5%	11,033	-0.2%	12,673	2.0%	315	0.7%	40.2	1.4%	39,189	0.8%	2,116	5.1%	41,305	1.4%
	2023	26,724	0.8%	2,415	0.5%	11,068	0.3%	12,834	1.3%	316	0.3%	40.6	1.0%	39,558	0.9%	2,135	5.1%	41,693	0.9%
	2024	26,730	0.0%	2,425	0.4%	11,022	-0.4%	13,025	1.5%	317	0.1%	41.1	1.3%	39,755	0.5%	2,233	5.3%	41,988	0.7%
	2025	26,673	-0.2%	2,435	0.4%	10,953	-0.6%	13,162	1.1%	317	0.1%	41.5	1.0%	39,835	0.2%	2,149	5.1%	41,984	0.0%
	2026	26,707	0.1%	2,445	0.4%	10,925	-0.3%	13,229	0.5%	317	0.0%	41.7	0.5%	39,936	0.3%	2,155	5.1%	42,091	0.3%
	2027	26,822	0.4%	2,454	0.4%	10,932	0.1%	13,266	0.3%	317	0.0%	41.8	0.3%	40,088	0.4%	2,163	5.1%	42,251	0.4%
	2028	26,937	0.4%	2,462	0.3%	10,941	0.1%	13,291	0.2%	317	0.0%	41.9	0.2%	40,228	0.3%	2,260	5.3%	42,488	0.6%
	2029	27,032	0.4%	2,470	0.3%	10,942	0.0%	13,311	0.1%	317	0.0%	42.0	0.1%	40,343	0.3%	2,177	5.1%	42,519	0.1%
	2030	27,218	0.7%	2,478	0.3%	10,983	0.4%	13,329	0.1%	317	0.0%	42.0	0.1%	40,547	0.5%	2,188	5.1%	42,735	0.5%
	2031	27,470	0.9%	2,486	0.3%	11,052	0.6%	13,346	0.1%	317	0.0%	42.1	0.1%	40,816	0.7%	2,203	5.1%	43,019	0.7%
	2032	27,759	1.1%	2,493	0.3%	11,137	0.8%	13,363	0.1%	317	0.0%	42.1	0.1%	41,122	0.7%	2,311	5.3%	43,433	1.0%
	2033	28,073	1.1%	2,499	0.3%	11,233	0.9%	13,379	0.1%	317	0.0%	42.2	0.1%	41,452	0.8%	2,237	5.1%	43,689	0.6%
	2034	28,392	1.1%	2,506	0.3%	11,331	0.9%	13,395	0.1%	317	0.0%	42.2	0.1%	41,787	0.8%	2,255	5.1%	44,042	0.8%
	2035	28,726	1.2%	2,512	0.2%	11,436	0.9%	13,411	0.1%	317	0.0%	42.3	0.1%	42,136	0.8%	2,273	5.1%	44,410	0.8%
	2036	29,056	1.2%	2,518	0.2%	11,540	0.9%	13,426	0.1%	317	0.0%	42.3	0.1%	42,483	0.8%	2,386	5.3%	44,869	1.0%
	2037	29,324	0.9%	2,524	0.2%	11,620	0.7%	13,442	0.1%	317	0.0%	42.4	0.1%	42,766	0.7%	2,307	5.1%	45,073	0.5%
	2038	29,616	1.0%	2,529	0.2%	11,710	0.8%	13,457	0.1%	317	0.0%	42.4	0.1%	43,073	0.7%	2,323	5.1%	45,396	0.7%
	2039	29,960	1.2%	2,535	0.2%	11,820	0.9%	13,472	0.1%	317	0.0%	42.5	0.1%	43,432	0.8%	2,343	5.1%	45,774	0.8%
	2040	30,272	1.0%	2,540	0.2%	11,917	0.8%	13,487	0.1%	317	0.0%	42.5	0.1%	43,759	0.8%	2,457	5.3%	46,216	1.0%
CAGR	2011-2020		0.7%		0.2%		0.6%		0.2%		-0.8%		0.9%		0.5%		5.3%		0.3%
	2021-2030		0.3%		0.4%		-0.1%		0.8%		0.1%		0.6%		0.5%		5.1%		0.5%
	2031-2040		1.1%		0.2%		0.8%		0.1%		0.0%		0.1%		0.8%		5.2%		0.8%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - Severe Weather Case

Ft. Meade (Full Req'ts)

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	43,569	-	41,264	-	-5.3%	12.3	-	11.0	-	-11.2%	8.4	-	8.4		-0.3%
	2012	41,322	-5.2%	41,877	1.5%	1.3%	10.9	-11.5%	10.2	-7.1%	-6.8%	7.8	-7.2%	9.0	6.6%	14.7%
	2013	40,645	-1.6%	41,502	-0.9%	2.1%	8.7	-20.1%	9.0	-11.1%	3.8%	7.8	0.2%	8.2	-8.8%	4.5%
	2014	41,588	2.3%	41,939	1.1%	0.8%	9.3	6.8%	10.6	17.2%	13.9%	7.2	-8.3%	7.0	-14.3%	-2.4%
	2015	42,783	2.9%	42,130	0.5%	-1.5%	10.6	14.2%	10.0	-6.1%	-6.4%	9.4	30.0%	9.3	33.0%	-0.1%
	2016	43,483	1.6%	42,055	-0.2%	-3.3%	7.8	-26.3%	9.5	-4.7%	21.0%	9.4	0.5%	9.3	-0.7%	-1.3%
	2017	41,077	-5.5%	40,262	-4.3%	-2.0%	6.7	-14.9%	10.0	4.9%	49.2%	9.2	-1.9%	9.8	6.2%	6.8%
	2018	42,163	2.6%	41,159	2.2%	-2.4%	11.8	76.5%	10.9	9.7%	-7.2%	8.9	-3.3%	9.4	-4.7%	5.2%
	2019	44,148	4.7%	43,063	4.6%	-2.5%	7.2	-38.5%	11.3	3.2%	55.5%	10.0	12.6%	9.8	4.3%	-2.5%
	2020	44,837	1.6%	44,468	3.3%	-0.8%	8.6	18.5%	11.1	-1.5%	29.2%	9.4	-6.2%	9.4	-3.4%	0.4%
Projected	2021	45,440	1.3%	45,440	2.2%		11.9	38.3%	11.9	7.0%		9.7	2.7%	9.7	2.3%	
	2022			46,054	1.4%				12.0	1.2%				9.8	1.2%	
	2023			46,485	0.9%				12.1	1.0%				9.9	0.8%	
	2024			46,799	0.7%				12.2	0.4%				9.9	0.2%	
	2025			46,779	0.0%				12.2	0.4%				9.9	0.2%	
	2026			46,892	0.2%				12.2	0.2%				9.9	0.3%	
	2027			47,072	0.4%				12.3	0.4%				10.0	0.4%	
	2028			47,339	0.6%				12.3	0.2%				10.0	0.3%	
	2029			47,376	0.1%				12.4	0.5%				10.0	0.4%	
	2030			47,621	0.5%				12.4	0.5%				10.1	0.6%	
	2031			47,947	0.7%				12.5	0.7%				10.2	0.7%	
	2032			48,418	1.0%				12.6	0.5%				10.3	0.8%	
	2033			48,717	0.6%				12.7	1.1%				10.3	0.9%	
	2034			49,122	0.8%				12.8	0.9%				10.4	0.9%	
	2035			49,545	0.9%				12.9	0.8%				10.5	0.9%	
	2036			50,071	1.1%				13.0	0.7%				10.6	0.8%	
	2037			50,309	0.5%				13.1	1.0%				10.7	0.7%	
	2038			50,679	0.7%				13.2	0.7%				10.8	0.8%	
	2039			51,115	0.9%				13.4	0.9%				10.9	0.8%	
	2040			51,619	1.0%				13.4	0.5%				10.9	0.8%	
CAGR [3]	2011-2020		0.3%		0.8%			-3.9%		0.1%			1.2%		1.3%	
	2021-2030				0.5%					0.5%					0.5%	
	2031-2040				0.8%					0.8%					0.8%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Ft. Meade (Full Req'ts)

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	43,569	-	43,569	-	12.5	9.7	12.5	9.7	12.3	8.4	12.3	8.4
	2012	41,322	-5.2%	41,322	-5.2%	11.0	8.9	11.0	8.9	10.9	7.8	10.9	7.8
	2013	40,645	-1.6%	40,645	-1.6%	9.6	8.8	9.6	8.8	8.7	7.8	8.7	7.8
	2014	41,588	2.3%	41,588	2.3%	9.9	9.4	9.9	9.4	9.3	7.2	9.3	7.2
	2015	42,783	2.9%	42,783	2.9%	11.1	9.5	11.1	9.5	10.6	9.4	10.6	9.4
	2016	43,483	1.6%	41,764	-2.4%	9.7	9.5	9.4	9.2	7.8	9.4	7.8	9.1
	2017	41,077	-5.5%	38,770	-7.2%	8.5	9.7	8.2	9.4	6.7	9.2	6.4	8.9
	2018	42,163	2.6%	40,473	4.4%	11.8	9.3	10.4	9.3	11.8	8.9	10.4	8.9
	2019	44,148	4.7%	44,148	9.1%	8.8	10.0	8.8	10.0	7.2	10.0	7.2	10.0
	2020	44,837	1.6%	46,015	4.2%	10.0	10.0	12.5	10.3	8.6	9.4	12.2	10.0
Projected	2021	45,440	1.3%	46,033	0.0%	12.2	10.3	12.6	10.3	11.9	9.7	12.3	10.1
	2022	46,054	1.4%	46,394	0.8%	12.4	10.4	12.7	10.4	12.0	9.8	12.4	10.1
	2023	46,485	0.9%	46,676	0.6%	12.5	10.5	12.8	10.5	12.1	9.9	12.5	10.2
	2024	46,799	0.7%	46,986	0.7%	12.5	10.5	12.8	10.5	12.2	9.9	12.5	10.2
	2025	46,779	0.0%	47,078	0.2%	12.6	10.6	12.9	10.6	12.2	9.9	12.6	10.3
	2026	46,892	0.2%	47,305	0.5%	12.6	10.6	12.9	10.6	12.2	9.9	12.7	10.3
	2027	47,072	0.4%	47,528	0.5%	12.6	10.6	13.0	10.7	12.3	10.0	12.7	10.4
	2028	47,339	0.6%	47,800	0.6%	12.7	10.7	13.0	10.7	12.3	10.0	12.7	10.4
	2029	47,376	0.1%	47,815	0.0%	12.7	10.7	13.1	10.7	12.4	10.0	12.8	10.5
	2030	47,621	0.5%	47,993	0.4%	12.8	10.8	13.1	10.8	12.4	10.1	12.9	10.5
	2031	47,947	0.7%	48,222	0.5%	12.9	10.8	13.2	10.8	12.5	10.2	12.9	10.5
	2032	48,418	1.0%	48,556	0.7%	12.9	10.9	13.2	10.9	12.6	10.3	12.9	10.6
	2033	48,717	0.6%	48,705	0.3%	13.1	11.0	13.3	10.9	12.7	10.3	13.0	10.7
	2034	49,122	0.8%	48,956	0.5%	13.2	11.1	13.4	11.0	12.8	10.4	13.1	10.7
	2035	49,545	0.9%	49,215	0.5%	13.3	11.2	13.5	11.1	12.9	10.5	13.2	10.8
	2036	50,071	1.1%	49,571	0.7%	13.4	11.3	13.5	11.1	13.0	10.6	13.2	10.8
	2037	50,309	0.5%	49,639	0.1%	13.5	11.4	13.6	11.1	13.1	10.7	13.3	10.9
	2038	50,679	0.7%	49,814	0.4%	13.6	11.5	13.6	11.2	13.2	10.8	13.3	10.9
	2039	51,115	0.9%	50,016	0.4%	13.7	11.6	13.7	11.2	13.4	10.9	13.4	10.9
	2040	51,619	1.0%			13.8	11.7			13.4	10.9		
CAGR[1]	Historical		0.3%		0.2%	-2.4%	0.4%	-4.3%	0.5%	-3.0%	2.3%	-5.7%	3.6%
	1st 10 Prj Yrs		0.5%		0.4%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%
	2nd 10 Prj Yrs		0.8%		0.5%	0.8%	0.8%	0.5%	0.5%	0.8%	0.8%	0.5%	0.5%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Ft. Meade (Full Req'ts)

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	43,569	-	41,264	-	-5.3%	12.3	-	11.0	-	-11.2%	8.4	-	8.4		-0.3%
	2012	41,322	-5.2%	41,877	1.5%	1.3%	10.9	-11.5%	10.2	-7.1%	-6.8%	7.8	-7.2%	9.0	6.6%	14.7%
	2013	40,645	-1.6%	41,502	-0.9%	2.1%	8.7	-20.1%	9.0	-11.1%	3.8%	7.8	0.2%	8.2	-8.8%	4.5%
	2014	41,588	2.3%	41,939	1.1%	0.8%	9.3	6.8%	10.6	17.2%	13.9%	7.2	-8.3%	7.0	-14.3%	-2.4%
	2015	42,783	2.9%	42,130	0.5%	-1.5%	10.6	14.2%	10.0	-6.1%	-6.4%	9.4	30.0%	9.3	33.0%	-0.1%
	2016	43,483	1.6%	42,055	-0.2%	-3.3%	7.8	-26.3%	9.5	-4.7%	21.0%	9.4	0.5%	9.3	-0.7%	-1.3%
	2017	41,077	-5.5%	40,262	-4.3%	-2.0%	6.7	-14.9%	10.0	4.9%	49.2%	9.2	-1.9%	9.8	6.2%	6.8%
	2018	42,163	2.6%	41,159	2.2%	-2.4%	11.8	76.5%	10.9	9.7%	-7.2%	8.9	-3.3%	9.4	-4.7%	5.2%
	2019	44,148	4.7%	43,063	4.6%	-2.5%	7.2	-38.5%	11.3	3.2%	55.5%	10.0	12.6%	9.8	4.3%	-2.5%
	2020	44,837	1.6%	43,431	0.9%	-3.1%	8.6	18.5%	11.1	-1.5%	29.2%	9.4	-6.2%	9.4	-3.4%	0.4%
Projected	2021	45,170	0.7%	45,170	4.0%		11.9	38.3%	11.9	7.0%		9.6	2.0%	9.6	1.6%	
	2022			45,708	1.2%				12.0	1.2%				9.7	1.0%	
	2023			46,062	0.8%				12.1	1.0%				9.8	0.6%	
	2024			46,288	0.5%				12.2	0.4%				9.8	0.0%	
	2025			46,168	-0.3%				12.2	0.4%				9.8	-0.1%	
	2026			46,137	-0.1%				12.2	0.2%				9.8	-0.1%	
	2027			46,159	0.0%				12.3	0.4%				9.8	0.0%	
	2028			46,254	0.2%				12.3	0.2%				9.7	-0.1%	
	2029			46,113	-0.3%				12.4	0.5%				9.7	-0.1%	
	2030			46,170	0.1%				12.4	0.5%				9.8	0.2%	
	2031			46,378	0.4%				12.5	0.7%				9.8	0.5%	
	2032			46,724	0.7%				12.6	0.5%				9.9	0.6%	
	2033			46,901	0.4%				12.7	1.1%				9.9	0.6%	
	2034			47,177	0.6%				12.8	0.9%				10.0	0.6%	
	2035			47,464	0.6%				12.9	0.8%				10.0	0.6%	
	2036			47,842	0.8%				13.0	0.7%				10.1	0.5%	
	2037			47,931	0.2%				13.1	1.0%				10.1	0.4%	
	2038			48,140	0.4%				13.2	0.7%				10.2	0.5%	
	2039			48,404	0.5%				13.4	0.9%				10.2	0.5%	
	2040			48,732	0.7%				13.4	0.5%				10.3	0.4%	
CAGR [3]	2011-2020		0.3%		0.6%			-3.9%		0.1%			1.2%		1.3%	
	2021-2030				0.2%					0.5%					0.2%	
	2031-2040				0.6%					0.8%					0.5%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Ft. Meade (Full Req'ts)

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	43,569	-	41,264	-	-5.3%	12.5	-	39.8%	9.7	-	51.5%
	2012	41,322	-5.2%	41,877	1.5%	1.3%	11.0	-11.9%	42.9%	8.9	-7.9%	53.0%
	2013	40,645	-1.6%	41,502	-0.9%	2.1%	9.6	-12.9%	48.4%	8.8	-0.8%	52.6%
	2014	41,588	2.3%	41,939	1.1%	0.8%	9.9	3.8%	47.7%	9.4	6.0%	50.7%
	2015	42,783	2.9%	42,130	0.5%	-1.5%	11.1	11.6%	44.0%	9.5	1.6%	51.4%
	2016	43,483	1.6%	42,055	-0.2%	-3.3%	9.7	-12.5%	51.1%	9.5	0.1%	52.2%
	2017	41,077	-5.5%	40,262	-4.3%	-2.0%	8.5	-12.1%	54.9%	9.7	2.2%	48.2%
	2018	42,163	2.6%	41,159	2.2%	-2.4%	11.8	37.9%	40.9%	9.3	-4.3%	51.7%
	2019	44,148	4.7%	43,063	4.6%	-2.5%	8.8	-25.2%	57.2%	10.0	7.9%	50.2%
	2020	44,837	1.6%	44,468	3.3%	-0.8%	10.0	13.6%	51.1%	10.0	-0.2%	51.1%
Projected	2021	45,170	0.7%	45,170	1.6%		12.2	22.0%	42.2%	10.2	2.2%	50.3%
	2022	45,708	1.2%	45,708	1.2%		12.4	1.2%	42.2%	10.4	1.1%	50.4%
	2023	46,062	0.8%	46,062	0.8%		12.5	1.0%	42.1%	10.4	0.6%	50.5%
	2024	46,288	0.5%	46,288	0.5%		12.5	0.4%	42.2%	10.4	0.0%	50.7%
	2025	46,168	-0.3%	46,168	-0.3%		12.6	0.4%	41.9%	10.4	-0.1%	50.6%
	2026	46,137	-0.1%	46,137	-0.1%		12.6	0.2%	41.8%	10.4	0.0%	50.6%
	2027	46,159	0.0%	46,159	0.0%		12.6	0.4%	41.7%	10.4	0.1%	50.6%
	2028	46,254	0.2%	46,254	0.2%		12.7	0.2%	41.7%	10.4	-0.1%	50.7%
	2029	46,113	-0.3%	46,113	-0.3%		12.7	0.5%	41.4%	10.4	0.0%	50.6%
	2030	46,170	0.1%	46,170	0.1%		12.8	0.5%	41.2%	10.4	0.2%	50.6%
	2031	46,378	0.4%	46,378	0.4%		12.9	0.7%	41.1%	10.5	0.5%	50.6%
	2032	46,724	0.7%	46,724	0.7%		12.9	0.5%	41.2%	10.5	0.6%	50.6%
	2033	46,901	0.4%	46,901	0.4%		13.1	1.1%	40.9%	10.6	0.6%	50.5%
	2034	47,177	0.6%	47,177	0.6%		13.2	0.9%	40.8%	10.7	0.6%	50.5%
	2035	47,464	0.6%	47,464	0.6%		13.3	0.8%	40.7%	10.7	0.7%	50.5%
	2036	47,842	0.8%	47,842	0.8%		13.4	0.7%	40.8%	10.8	0.5%	50.6%
	2037	47,931	0.2%	47,931	0.2%		13.5	1.0%	40.5%	10.8	0.4%	50.5%
	2038	48,140	0.4%	48,140	0.4%		13.6	0.7%	40.4%	10.9	0.5%	50.5%
	2039	48,404	0.5%	48,404	0.5%		13.7	0.9%	40.2%	10.9	0.5%	50.5%
	2040	48,732	0.7%	48,732	0.7%		13.8	0.5%	40.3%	11.0	0.5%	50.6%
CAGR [1]	2011-2020		0.3%		0.8%			-2.4%	47.8%		0.4%	51.3%
	2021-2030		0.2%		0.2%			0.5%	41.8%		0.2%	50.6%
	2031-2040		0.6%		0.6%			0.8%	40.7%		0.5%	50.6%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Ft. Meade (Full Req'ts)

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	3,352	2,749	2,931	3,503	3,914	4,074	4,197	4,324	3,983	3,102	2,804	2,983	41,916	43,569
	2012	3,302	2,894	3,205	3,228	4,044	3,683	4,122	4,175	3,779	3,506	2,756	3,132	41,827	41,322
	2013	2,946	2,895	3,199	3,301	3,511	3,816	3,743	4,154	3,687	3,584	2,922	3,084	40,841	40,645
	2014	3,665	2,769	2,895	3,150	3,796	3,774	4,003	4,259	3,689	3,364	2,910	3,194	41,466	41,588
	2015	3,177	3,022	3,262	3,654	4,054	4,082	4,083	4,087	3,895	3,439	3,277	3,226	43,258	42,783
	2016	3,393	3,091	3,105	3,230	3,814	4,143	4,383	4,308	4,074	3,385	2,742	3,029	42,698	43,483
	2017	3,081	2,612	2,994	3,295	4,046	3,701	4,210	4,440	3,542	3,466	2,766	3,116	41,268	41,077
	2018	3,810	2,843	2,944	3,198	3,450	3,980	4,086	4,302	4,202	3,923	3,193	3,221	43,152	42,163
	2019	3,413	2,740	3,003	3,284	4,216	4,203	4,310	4,375	4,266	4,071	3,046	3,093	44,021	44,148
	2020	3,224	3,034	3,569	3,524	3,801	4,255	4,455	4,568	4,196	3,477	3,013	3,693	44,808	44,837
Projected	2021	4,295	3,256	3,107	3,191	3,847	4,110	4,399	4,490	4,294	3,564	3,048	3,721	45,320	45,170
	2022	4,349	3,293	3,139	3,230	3,891	4,155	4,446	4,536	4,336	3,600	3,075	3,758	45,809	45,708
	2023	4,392	3,323	3,163	3,254	3,919	4,182	4,473	4,563	4,362	3,619	3,092	3,781	46,122	46,062
	2024	4,415	3,434	3,171	3,265	3,928	4,186	4,476	4,561	4,359	3,618	3,090	3,783	46,287	46,288
	2025	4,414	3,336	3,168	3,264	3,928	4,183	4,471	4,557	4,356	3,612	3,085	3,784	46,158	46,168
	2026	4,415	3,337	3,162	3,260	3,926	4,179	4,468	4,555	4,355	3,610	3,082	3,791	46,139	46,137
	2027	4,425	3,343	3,160	3,259	3,927	4,178	4,469	4,557	4,356	3,611	3,081	3,800	46,167	46,159
	2028	4,436	3,448	3,158	3,256	3,925	4,174	4,464	4,551	4,350	3,604	3,072	3,800	46,238	46,254
	2029	4,438	3,351	3,150	3,250	3,921	4,169	4,461	4,549	4,348	3,602	3,069	3,808	46,116	46,113
	2030	4,452	3,361	3,150	3,250	3,925	4,173	4,467	4,557	4,356	3,615	3,078	3,827	46,212	46,170
Projected	2031	4,478	3,380	3,161	3,262	3,942	4,190	4,489	4,579	4,376	3,632	3,090	3,850	46,429	46,378
	2032	4,508	3,500	3,175	3,276	3,961	4,212	4,514	4,605	4,401	3,651	3,104	3,876	46,784	46,724
	2033	4,542	3,427	3,191	3,292	3,983	4,235	4,541	4,633	4,426	3,672	3,119	3,902	46,962	46,901
	2034	4,577	3,452	3,207	3,308	4,004	4,258	4,567	4,660	4,451	3,691	3,133	3,928	47,237	47,177
	2035	4,612	3,477	3,224	3,324	4,027	4,283	4,597	4,691	4,480	3,714	3,149	3,958	47,533	47,464
	2036	4,650	3,605	3,240	3,340	4,048	4,304	4,621	4,714	4,501	3,729	3,159	3,978	47,888	47,842
	2037	4,678	3,523	3,250	3,349	4,061	4,318	4,638	4,732	4,516	3,740	3,165	3,997	47,967	47,931
	2038	4,704	3,542	3,260	3,360	4,078	4,336	4,661	4,757	4,540	3,759	3,179	4,025	48,201	48,140
	2039	4,741	3,569	3,275	3,374	4,098	4,357	4,684	4,780	4,561	3,776	3,190	4,049	48,454	48,404
	2040	4,773	3,695	3,286	3,386	4,115	4,375	4,706	4,802	4,581	3,792	3,200	4,073	48,782	48,732

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	8.0%	6.6%	7.0%	8.4%	9.3%	9.7%	10.0%	10.3%	9.5%	7.4%	6.7%	7.1%	100.0%
	2012	7.9%	6.9%	7.7%	7.7%	9.7%	8.8%	9.9%	10.0%	9.0%	8.4%	6.6%	7.5%	100.0%
	2013	7.2%	7.1%	7.8%	8.1%	8.6%	9.3%	9.2%	10.2%	9.0%	8.8%	7.2%	7.6%	100.0%
	2014	8.8%	6.7%	7.0%	7.6%	9.2%	9.1%	9.7%	10.3%	8.9%	8.1%	7.0%	7.7%	100.0%
	2015	7.3%	7.0%	7.5%	8.4%	9.4%	9.4%	9.4%	9.4%	9.0%	7.9%	7.6%	7.5%	100.0%
	2016	7.9%	7.2%	7.3%	7.6%	8.9%	9.7%	10.3%	10.1%	9.5%	7.9%	6.4%	7.1%	100.0%
	2017	7.5%	6.3%	7.3%	8.0%	9.8%	9.0%	10.2%	10.8%	8.6%	8.4%	6.7%	7.6%	100.0%
	2018	8.8%	6.6%	6.8%	7.4%	8.0%	9.2%	9.5%	10.0%	9.7%	9.1%	7.4%	7.5%	100.0%
	2019	7.8%	6.2%	6.8%	7.5%	9.6%	9.5%	9.8%	9.9%	9.7%	9.2%	6.9%	7.0%	100.0%
	2020	7.2%	6.8%	8.0%	7.9%	8.5%	9.5%	9.9%	10.2%	9.4%	7.8%	6.7%	8.2%	100.0%
Projected	2021	9.5%	7.2%	6.9%	7.0%	8.5%	9.1%	9.7%	9.9%	9.5%	7.9%	6.7%	8.2%	100.0%
	2022	9.5%	7.2%	6.9%	7.1%	8.5%	9.1%	9.7%	9.9%	9.5%	7.9%	6.7%	8.2%	100.0%
	2023	9.5%	7.2%	6.9%	7.1%	8.5%	9.1%	9.7%	9.9%	9.5%	7.8%	6.7%	8.2%	100.0%
	2024	9.5%	7.4%	6.9%	7.1%	8.5%	9.0%	9.7%	9.9%	9.4%	7.8%	6.7%	8.2%	100.0%
	2025	9.6%	7.2%	6.9%	7.1%	8.5%	9.1%	9.7%	9.9%	9.4%	7.8%	6.7%	8.2%	100.0%
	2026	9.6%	7.2%	6.9%	7.1%	8.5%	9.1%	9.7%	9.9%	9.4%	7.8%	6.7%	8.2%	100.0%
	2027	9.6%	7.2%	6.8%	7.1%	8.5%	9.1%	9.7%	9.9%	9.4%	7.8%	6.7%	8.2%	100.0%
	2028	9.6%	7.5%	6.8%	7.0%	8.5%	9.0%	9.7%	9.8%	9.4%	7.8%	6.6%	8.2%	100.0%
	2029	9.6%	7.3%	6.8%	7.0%	8.5%	9.0%	9.7%	9.9%	9.4%	7.8%	6.7%	8.3%	100.0%
	2030	9.6%	7.3%	6.8%	7.0%	8.5%	9.0%	9.7%	9.9%	9.4%	7.8%	6.7%	8.3%	100.0%
Avg.	2011-2020	7.8%	6.7%	7.3%	7.8%	9.1%	9.3%	9.8%	10.1%	9.2%	8.3%	6.9%	7.5%	100.0%
	2021-2030	9.6%	7.3%	6.8%	7.1%	8.5%	9.1%	9.7%	9.9%	9.4%	7.8%	6.7%	8.2%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Severe Weather Case

Ft. Meade (Full Req'ts)

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	11.1	8.2	6.5	9.0	8.8	9.7	9.0	9.0	8.7	7.2	7.1	6.5	12.5	9.7
	2012	11.0	10.1	6.8	7.9	8.5	8.7	8.9	8.9	8.2	8.4	6.2	8.3	11.0	8.9
	2013	7.0	8.9	9.6	7.4	7.9	8.8	8.5	8.8	8.6	8.0	7.0	6.7	9.6	8.8
	2014	9.9	6.9	6.0	8.0	8.8	8.5	8.5	9.4	8.5	7.8	7.8	8.0	9.9	9.4
	2015	7.9	11.1	7.5	8.0	9.1	9.5	8.8	9.1	8.8	8.3	7.8	6.8	11.1	9.5
	2016	9.7	9.5	7.4	8.2	8.4	9.2	9.5	9.5	8.8	7.7	6.2	6.6	9.7	9.5
	2017	8.5	6.8	7.3	8.7	9.2	9.1	9.3	9.7	9.1	8.0	6.4	8.5	8.5	9.7
	2018	11.8	7.1	7.0	7.7	8.0	8.7	8.9	9.1	9.3	9.0	7.6	7.9	11.8	9.3
	2019	8.8	7.2	7.3	7.7	9.6	10.0	9.6	9.4	9.7	8.5	7.8	7.0	8.8	10.0
	2020	10.0	7.2	8.6	9.0	9.2	10.0	9.7	9.7	9.9	8.9	8.5	9.5	10.0	10.0
Projected	2021	12.2	10.3	9.1	8.7	9.5	10.0	9.8	10.2	9.7	9.1	8.6	9.7	12.2	10.2
	2022	12.4	10.4	9.2	8.8	9.6	10.1	9.9	10.4	9.8	9.2	8.7	9.8	12.4	10.4
	2023	12.5	10.5	9.3	8.8	9.7	10.2	10.0	10.4	9.9	9.3	8.8	9.8	12.5	10.4
	2024	12.5	10.6	9.3	8.8	9.7	10.2	10.0	10.4	9.9	9.3	8.8	9.8	12.5	10.4
	2025	12.6	10.6	9.4	8.8	9.7	10.2	10.0	10.4	9.9	9.3	8.8	9.9	12.6	10.4
	2026	12.6	10.6	9.4	8.9	9.7	10.2	10.0	10.4	9.9	9.3	8.9	9.9	12.6	10.4
	2027	12.6	10.7	9.4	8.9	9.7	10.2	10.0	10.4	9.9	9.3	8.9	9.9	12.6	10.4
	2028	12.7	10.7	9.4	8.9	9.7	10.2	10.0	10.4	9.9	9.3	8.9	10.0	12.7	10.4
	2029	12.7	10.7	9.5	8.9	9.8	10.1	10.0	10.4	9.9	9.3	8.9	10.0	12.7	10.4
	2030	12.8	10.8	9.5	8.9	9.8	10.2	10.0	10.4	9.9	9.4	9.0	10.1	12.8	10.4
Projected	2031	12.9	10.9	9.6	9.0	9.8	10.2	10.0	10.5	9.9	9.4	9.1	10.1	12.9	10.5
	2032	12.9	10.9	9.6	9.0	9.9	10.3	10.1	10.5	10.0	9.5	9.2	10.2	12.9	10.5
	2033	13.1	11.0	9.7	9.1	10.0	10.3	10.2	10.6	10.0	9.6	9.2	10.3	13.1	10.6
	2034	13.2	11.1	9.8	9.2	10.1	10.4	10.2	10.7	10.1	9.6	9.3	10.4	13.2	10.7
	2035	13.3	11.2	9.9	9.2	10.1	10.5	10.3	10.7	10.2	9.7	9.4	10.5	13.3	10.7
	2036	13.4	11.3	10.0	9.3	10.2	10.5	10.3	10.8	10.2	9.8	9.5	10.6	13.4	10.8
	2037	13.5	11.4	10.1	9.3	10.3	10.6	10.4	10.8	10.2	9.8	9.5	10.6	13.5	10.8
	2038	13.6	11.5	10.1	9.4	10.3	10.6	10.4	10.9	10.3	9.9	9.6	10.7	13.6	10.9
	2039	13.7	11.6	10.2	9.5	10.4	10.7	10.5	10.9	10.3	10.0	9.7	10.8	13.7	10.9
	2040	13.8	11.6	10.3	9.5	10.5	10.7	10.5	11.0	10.4	10.0	9.9	11.0	13.8	11.0

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	40.5%	50.1%	60.5%	54.3%	59.6%	58.5%	62.6%	64.6%	63.9%	57.9%	54.5%	61.7%	38.3%	49.5%
	2012	40.3%	41.0%	63.6%	56.6%	64.1%	59.1%	62.5%	63.1%	64.0%	56.2%	62.1%	50.9%	43.4%	53.7%
	2013	56.5%	48.4%	44.8%	61.8%	59.4%	60.5%	59.5%	63.3%	59.7%	60.3%	58.0%	61.8%	48.6%	52.8%
	2014	49.5%	59.4%	64.9%	54.4%	58.0%	61.8%	63.3%	61.2%	60.0%	57.6%	52.1%	53.5%	47.6%	50.6%
	2015	54.3%	40.5%	58.1%	63.4%	59.7%	59.6%	62.1%	60.5%	61.6%	55.4%	58.1%	63.3%	44.5%	51.9%
	2016	47.0%	46.5%	56.1%	54.9%	60.9%	62.7%	62.0%	60.8%	64.3%	58.7%	61.9%	61.9%	50.2%	51.2%
	2017	48.5%	56.9%	55.1%	52.5%	59.0%	56.7%	60.7%	61.4%	54.0%	58.5%	60.1%	49.5%	55.2%	48.5%
	2018	43.5%	59.9%	56.4%	58.0%	58.1%	63.2%	61.8%	63.5%	62.7%	58.7%	58.3%	54.9%	41.9%	53.0%
	2019	52.1%	56.6%	55.2%	58.9%	59.0%	58.2%	60.1%	62.8%	61.4%	64.2%	54.3%	59.4%	57.1%	50.1%
	2020	43.3%	60.4%	55.6%	54.4%	55.2%	59.0%	61.7%	63.4%	59.1%	52.6%	48.9%	52.0%	51.1%	51.0%
Projected	2021	47.3%	47.0%	46.0%	51.1%	54.4%	57.1%	60.1%	58.9%	61.4%	52.5%	48.9%	51.8%	42.4%	50.5%
	2022	47.3%	47.0%	45.9%	51.1%	54.4%	57.1%	60.1%	58.9%	61.3%	52.4%	48.9%	51.8%	42.3%	50.5%
	2023	47.3%	46.9%	45.8%	51.2%	54.4%	57.1%	60.1%	58.9%	61.3%	52.3%	49.0%	51.9%	42.2%	50.5%
	2024	47.4%	46.7%	45.7%	51.3%	54.5%	57.2%	60.1%	58.8%	61.3%	52.3%	48.8%	51.7%	42.2%	50.7%
	2025	47.2%	46.8%	45.5%	51.3%	54.4%	57.2%	60.1%	58.8%	61.3%	52.2%	48.6%	51.6%	41.9%	50.6%
	2026	47.1%	46.7%	45.4%	51.1%	54.3%	57.1%	60.1%	58.8%	61.3%	52.1%	48.4%	51.5%	41.8%	50.6%
	2027	47.0%	46.6%	45.2%	51.0%	54.2%	57.1%	60.1%	58.8%	61.3%	52.0%	48.3%	51.6%	41.7%	50.6%
	2028	47.1%	46.4%	45.1%	50.9%	54.2%	57.1%	60.1%	58.8%	61.2%	51.9%	47.9%	51.3%	41.7%	50.7%
	2029	46.9%	46.4%	44.7%	50.8%	54.0%	57.0%	60.1%	58.8%	61.3%	51.8%	47.6%	51.2%	41.4%	50.6%
	2030	46.8%	46.4%	44.5%	50.6%	53.9%	57.0%	60.0%	58.8%	61.3%	51.7%	47.5%	51.1%	41.3%	50.6%
Avg.	2011-2020	47.6%	52.0%	57.0%	56.9%	59.3%	59.9%	61.6%	62.4%	61.1%	58.0%	56.8%	56.9%	47.8%	51.2%
	2021-2030	47.1%	46.7%	45.4%	51.0%	54.3%	57.1%	60.1%	58.8%	61.3%	52.1%	48.4%	51.6%	41.9%	50.6%

FMPA 2021 Load Forecast - Severe Weather Case

Ft. Meade (Full Req'ts)

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	11.1	8.1	6.5	8.2	8.1	9.5	8.2	8.4	8.7	7.0	6.6	5.8	12.3	8.4
	2012	10.9	10.1	6.5	7.4	8.1	8.0	7.8	8.3	7.8	7.0	5.3	8.3	10.9	7.8
	2013	6.3	8.9	8.7	6.3	7.6	7.9	7.4	7.8	8.0	7.5	6.6	6.4	8.7	7.8
	2014	9.3	6.8	5.6	7.2	7.8	8.2	7.6	7.2	7.6	7.4	6.9	7.4	9.3	7.2
	2015	7.7	10.6	6.9	7.5	9.1	9.4	8.4	9.0	8.7	8.2	7.8	6.2	10.6	9.4
	2016	9.4	9.5	7.4	8.0	8.0	8.3	9.4	9.3	8.6	7.7	5.3	6.6	7.8	9.4
	2017	8.1	6.3	6.7	8.6	9.2	8.4	8.6	9.2	8.7	7.9	6.2	8.5	6.7	9.2
	2018	11.8	6.3	6.4	7.0	7.4	8.5	8.3	8.9	9.1	8.9	7.2	7.9	11.8	8.9
	2019	8.8	7.2	7.1	7.6	9.6	10.0	8.7	9.2	9.5	8.3	7.8	6.4	7.2	10.0
	2020	10.0	6.5	8.6	8.1	8.7	9.4	9.4	9.3	9.8	8.5	8.0	9.1	8.6	9.4
Projected	2021	11.9	9.9	8.6	8.1	9.1	9.5	9.0	9.6	9.4	8.8	8.1	9.2	11.9	9.6
	2022	12.0	10.1	8.7	8.2	9.2	9.6	9.1	9.7	9.5	8.9	8.2	9.3	12.0	9.7
	2023	12.1	10.2	8.8	8.2	9.2	9.7	9.2	9.8	9.5	8.9	8.2	9.3	12.1	9.8
	2024	12.2	10.2	8.9	8.2	9.2	9.7	9.2	9.8	9.5	8.9	8.2	9.4	12.2	9.8
	2025	12.2	10.2	8.9	8.2	9.3	9.7	9.2	9.8	9.5	8.9	8.3	9.4	12.2	9.8
	2026	12.2	10.2	8.9	8.2	9.3	9.7	9.2	9.8	9.5	8.9	8.3	9.4	12.2	9.8
	2027	12.3	10.3	8.9	8.2	9.3	9.7	9.2	9.8	9.5	9.0	8.3	9.4	12.3	9.8
	2028	12.3	10.3	9.0	8.3	9.3	9.7	9.2	9.7	9.5	9.0	8.3	9.5	12.3	9.7
	2029	12.4	10.4	9.0	8.3	9.3	9.6	9.2	9.7	9.5	9.0	8.4	9.5	12.4	9.7
	2030	12.4	10.4	9.0	8.3	9.3	9.7	9.2	9.8	9.5	9.0	8.4	9.6	12.4	9.8
Projected	2031	12.5	10.5	9.1	8.3	9.4	9.7	9.2	9.8	9.6	9.1	8.5	9.6	12.5	9.8
	2032	12.6	10.5	9.2	8.4	9.5	9.8	9.3	9.9	9.6	9.1	8.6	9.8	12.6	9.9
	2033	12.7	10.6	9.3	8.5	9.5	9.8	9.3	9.9	9.7	9.2	8.6	9.8	12.7	9.9
	2034	12.8	10.7	9.3	8.5	9.6	9.9	9.4	10.0	9.7	9.3	8.7	9.9	12.8	10.0
	2035	12.9	10.8	9.4	8.6	9.7	9.9	9.4	10.0	9.8	9.3	8.8	10.0	12.9	10.0
	2036	13.0	10.9	9.5	8.6	9.7	10.0	9.5	10.1	9.8	9.4	8.9	10.1	13.0	10.1
	2037	13.1	11.0	9.6	8.7	9.8	10.0	9.5	10.1	9.9	9.4	8.9	10.2	13.1	10.1
	2038	13.2	11.1	9.6	8.7	9.8	10.1	9.5	10.2	9.9	9.5	9.0	10.2	13.2	10.2
	2039	13.4	11.2	9.7	8.8	9.9	10.1	9.6	10.2	10.0	9.6	9.1	10.3	13.4	10.2
	2040	13.4	11.2	9.8	8.8	10.0	10.2	9.6	10.3	10.0	9.6	9.2	10.5	13.4	10.3

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	99.9%	98.9%	100.0%	91.7%	92.4%	98.4%	90.5%	93.8%	100.0%	96.9%	92.2%	88.8%	98.8%	87.4%
	2012	99.2%	100.0%	95.6%	93.7%	95.6%	92.4%	88.3%	93.1%	95.2%	83.5%	85.2%	100.0%	99.2%	88.0%
	2013	90.0%	100.0%	90.9%	85.3%	95.6%	90.6%	87.1%	88.9%	93.2%	94.0%	94.9%	95.0%	90.9%	88.9%
	2014	93.6%	98.2%	94.2%	89.6%	88.9%	96.8%	89.1%	76.9%	89.4%	93.9%	88.5%	92.8%	93.6%	76.9%
	2015	98.0%	95.8%	91.0%	93.7%	100.0%	98.3%	94.7%	99.2%	99.0%	98.0%	100.0%	91.0%	95.8%	98.3%
	2016	96.6%	100.0%	100.0%	98.3%	95.4%	90.9%	99.0%	97.6%	97.7%	100.0%	85.4%	100.0%	80.7%	98.8%
	2017	94.7%	92.6%	91.3%	98.6%	100.0%	92.9%	92.4%	94.8%	95.5%	98.9%	97.0%	100.0%	78.1%	94.8%
	2018	100.0%	88.7%	90.8%	91.5%	92.9%	97.7%	92.9%	97.9%	97.5%	98.7%	95.3%	100.0%	100.0%	95.8%
	2019	100.0%	100.0%	97.6%	98.6%	99.8%	100.0%	90.4%	97.7%	98.7%	97.6%	100.0%	91.7%	82.2%	100.0%
	2020	100.0%	90.0%	99.5%	89.7%	93.6%	93.9%	96.4%	95.7%	99.9%	96.1%	93.7%	95.4%	85.8%	93.9%
Projected	2021	97.2%	96.4%	95.1%	93.0%	95.4%	95.2%	91.9%	93.7%	96.6%	96.1%	93.7%	95.4%	97.2%	93.7%
	2022	97.2%	96.4%	95.1%	93.0%	95.4%	95.2%	91.9%	93.7%	96.6%	96.1%	93.7%	95.4%	97.2%	93.7%
	2023	97.2%	96.4%	95.1%	93.0%	95.4%	95.2%	91.9%	93.7%	96.6%	96.1%	93.7%	95.4%	97.2%	93.7%
	2024	97.2%	96.4%	95.1%	93.0%	95.4%	95.2%	91.9%	93.7%	96.6%	96.1%	93.7%	95.4%	97.2%	93.7%
	2025	97.2%	96.4%	95.1%	93.0%	95.4%	95.1%	91.8%	93.7%	96.6%	96.1%	93.7%	95.4%	97.2%	93.7%
	2026	97.2%	96.4%	95.1%	93.0%	95.4%	95.1%	91.8%	93.7%	96.5%	96.1%	93.7%	95.4%	97.2%	93.7%
	2027	97.2%	96.4%	95.1%	93.0%	95.4%	95.1%	91.8%	93.6%	96.5%	96.1%	93.7%	95.4%	97.2%	93.6%
	2028	97.2%	96.4%	95.1%	93.0%	95.4%	95.1%	91.7%	93.6%	96.5%	96.1%	93.7%	95.4%	97.2%	93.6%
	2029	97.2%	96.4%	95.1%	92.9%	95.3%	95.1%	91.7%	93.6%	96.5%	96.1%	93.7%	95.4%	97.2%	93.6%
	2030	97.2%	96.4%	95.1%	92.9%	95.3%	95.0%	91.7%	93.6%	96.5%	96.1%	93.7%	95.4%	97.2%	93.6%
	2011-2020	97.2%	96.4%	95.1%	93.1%	95.4%	95.2%	92.1%	93.6%	96.6%	95.8%	93.2%	95.5%	90.5%	92.3%
	2021-2030	97.2%	96.4%	95.1%	93.0%	95.4%	95.1%	91.8%	93.7%	96.5%	96.1%	93.7%	95.4%	97.2%	93.7%

FMPA 2021 Load Forecast - Severe Weather Case - Ft Meade

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

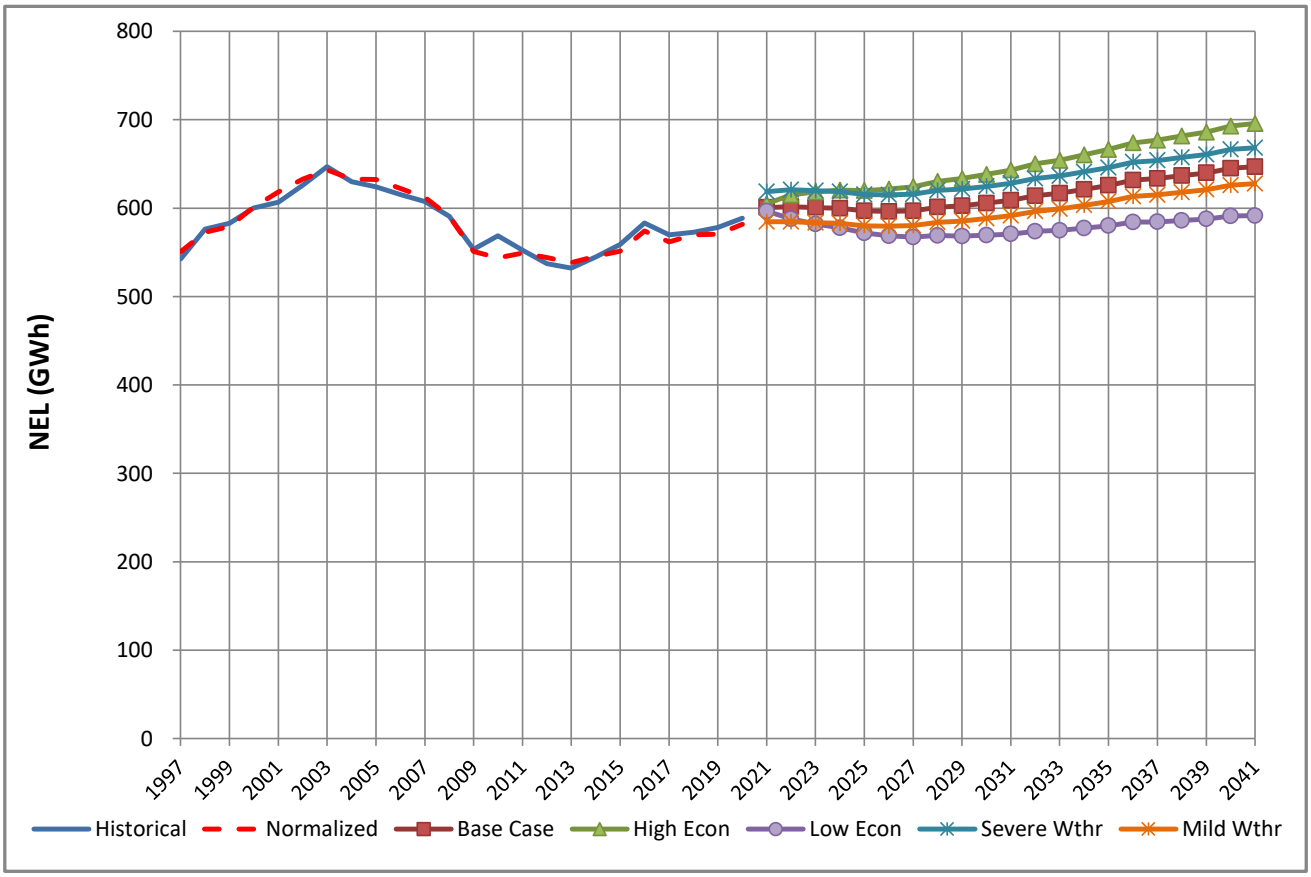
		Residential						General Service						TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	27,574		2,339		11,788		13,249		341		38.9		40,824		2,746	6.3%	43,569	
	2012	25,433	-7.8%	2,329	-0.4%	10,921	-7.4%	13,293	0.3%	338	-0.7%	39.3	1.1%	38,726	-5.1%	2,596	6.3%	41,322	-5.2%
	2013	25,483	0.2%	2,385	2.4%	10,686	-2.2%	12,958	-2.5%	334	-1.2%	38.8	-1.4%	38,441	-0.7%	2,205	5.4%	40,645	-1.6%
	2014	26,215	2.9%	2,374	-0.4%	11,042	3.3%	13,344	3.0%	335	0.2%	39.9	2.8%	39,559	2.9%	2,029	4.9%	41,588	2.3%
	2015	27,135	3.5%	2,381	0.3%	11,396	3.2%	13,389	0.3%	320	-4.4%	41.8	5.0%	40,523	2.4%	2,260	5.3%	42,783	2.9%
	2016	28,004	3.2%	2,378	-0.2%	11,778	3.4%	12,971	-3.1%	318	-0.7%	40.8	-2.5%	40,975	1.1%	2,509	5.8%	43,483	1.6%
	2017	27,230	-2.8%	2,352	-1.1%	11,577	-1.7%	12,277	-5.4%	316	-0.6%	38.8	-4.8%	39,506	-3.6%	1,571	3.8%	41,077	-5.5%
	2018	27,184	-0.2%	2,338	-0.6%	11,627	0.4%	12,176	-0.8%	313	-1.1%	38.9	0.3%	39,360	-0.4%	2,803	6.6%	42,163	2.6%
	2019	28,771	5.8%	2,362	1.0%	12,180	4.8%	13,385	9.9%	312	-0.3%	42.9	10.2%	42,156	7.1%	1,992	4.5%	44,148	4.7%
	2020	29,414	2.2%	2,372	0.4%	12,403	1.8%	13,453	0.5%	318	2.0%	42.3	-1.4%	42,867	1.7%	1,970	4.4%	44,837	1.6%
Projected	2021	30,799	4.7%	2,391	0.8%	12,881	3.9%	12,948	-3.8%	313	-1.5%	41.3	-2.3%	43,747	2.1%	1,693	3.7%	45,440	1.3%
	2022	31,125	1.1%	2,403	0.5%	12,951	0.5%	13,241	2.3%	315	0.7%	42.0	1.6%	44,366	1.4%	1,688	3.7%	46,054	1.4%
	2023	31,372	0.8%	2,415	0.5%	12,993	0.3%	13,409	1.3%	316	0.3%	42.4	1.0%	44,782	0.9%	1,703	3.7%	46,485	0.9%
	2024	31,383	0.0%	2,425	0.4%	12,941	-0.4%	13,608	1.5%	317	0.1%	43.0	1.3%	44,991	0.5%	1,808	3.9%	46,799	0.7%
	2025	31,314	-0.2%	2,435	0.4%	12,859	-0.6%	13,751	1.1%	317	0.1%	43.4	1.0%	45,065	0.2%	1,714	3.7%	46,779	0.0%
	2026	31,352	0.1%	2,445	0.4%	12,825	-0.3%	13,822	0.5%	317	0.0%	43.6	0.5%	45,174	0.2%	1,718	3.7%	46,892	0.2%
	2027	31,487	0.4%	2,454	0.4%	12,833	0.1%	13,861	0.3%	317	0.0%	43.7	0.3%	45,347	0.4%	1,725	3.7%	47,072	0.4%
	2028	31,623	0.4%	2,462	0.3%	12,844	0.1%	13,887	0.2%	317	0.0%	43.8	0.2%	45,509	0.4%	1,829	3.9%	47,339	0.6%
	2029	31,732	0.3%	2,470	0.3%	12,845	0.0%	13,908	0.1%	317	0.0%	43.9	0.1%	45,640	0.3%	1,736	3.7%	47,376	0.1%
	2030	31,950	0.7%	2,478	0.3%	12,892	0.4%	13,926	0.1%	317	0.0%	43.9	0.1%	45,876	0.5%	1,745	3.7%	47,621	0.5%
	2031	32,246	0.9%	2,486	0.3%	12,973	0.6%	13,944	0.1%	317	0.0%	44.0	0.1%	46,190	0.7%	1,757	3.7%	47,947	0.7%
	2032	32,585	1.1%	2,493	0.3%	13,073	0.8%	13,961	0.1%	317	0.0%	44.0	0.1%	46,547	0.8%	1,871	3.9%	48,418	1.0%
	2033	32,954	1.1%	2,499	0.3%	13,186	0.9%	13,978	0.1%	317	0.0%	44.1	0.1%	46,932	0.8%	1,785	3.7%	48,717	0.6%
	2034	33,328	1.1%	2,506	0.3%	13,301	0.9%	13,995	0.1%	317	0.0%	44.1	0.1%	47,323	0.8%	1,799	3.7%	49,122	0.8%
	2035	33,719	1.2%	2,512	0.2%	13,424	0.9%	14,012	0.1%	317	0.0%	44.2	0.1%	47,731	0.9%	1,814	3.7%	49,545	0.9%
	2036	34,109	1.2%	2,518	0.2%	13,547	0.9%	14,028	0.1%	317	0.0%	44.2	0.1%	48,137	0.9%	1,934	3.9%	50,071	1.1%
	2037	34,423	0.9%	2,524	0.2%	13,641	0.7%	14,044	0.1%	317	0.0%	44.3	0.1%	48,467	0.7%	1,841	3.7%	50,309	0.5%
	2038	34,764	1.0%	2,529	0.2%	13,746	0.8%	14,060	0.1%	317	0.0%	44.3	0.1%	48,824	0.7%	1,855	3.7%	50,679	0.7%
	2039	35,168	1.2%	2,535	0.2%	13,875	0.9%	14,076	0.1%	317	0.0%	44.4	0.1%	49,244	0.9%	1,871	3.7%	51,115	0.9%
	2040	35,535	1.0%	2,540	0.2%	13,989	0.8%	14,091	0.1%	317	0.0%	44.4	0.1%	49,626	0.8%	1,993	3.9%	51,619	1.0%
CAGR	2011-2020		0.7%		0.2%		0.6%		0.2%		-0.8%		0.9%		0.5%		5.3%		0.3%
	2021-2030		0.4%		0.4%		0.0%		0.8%		0.1%		0.7%		0.5%		3.7%		0.5%
	2031-2040		1.1%		0.2%		0.8%		0.1%		0.0%		0.1%		0.8%		3.7%		0.8%

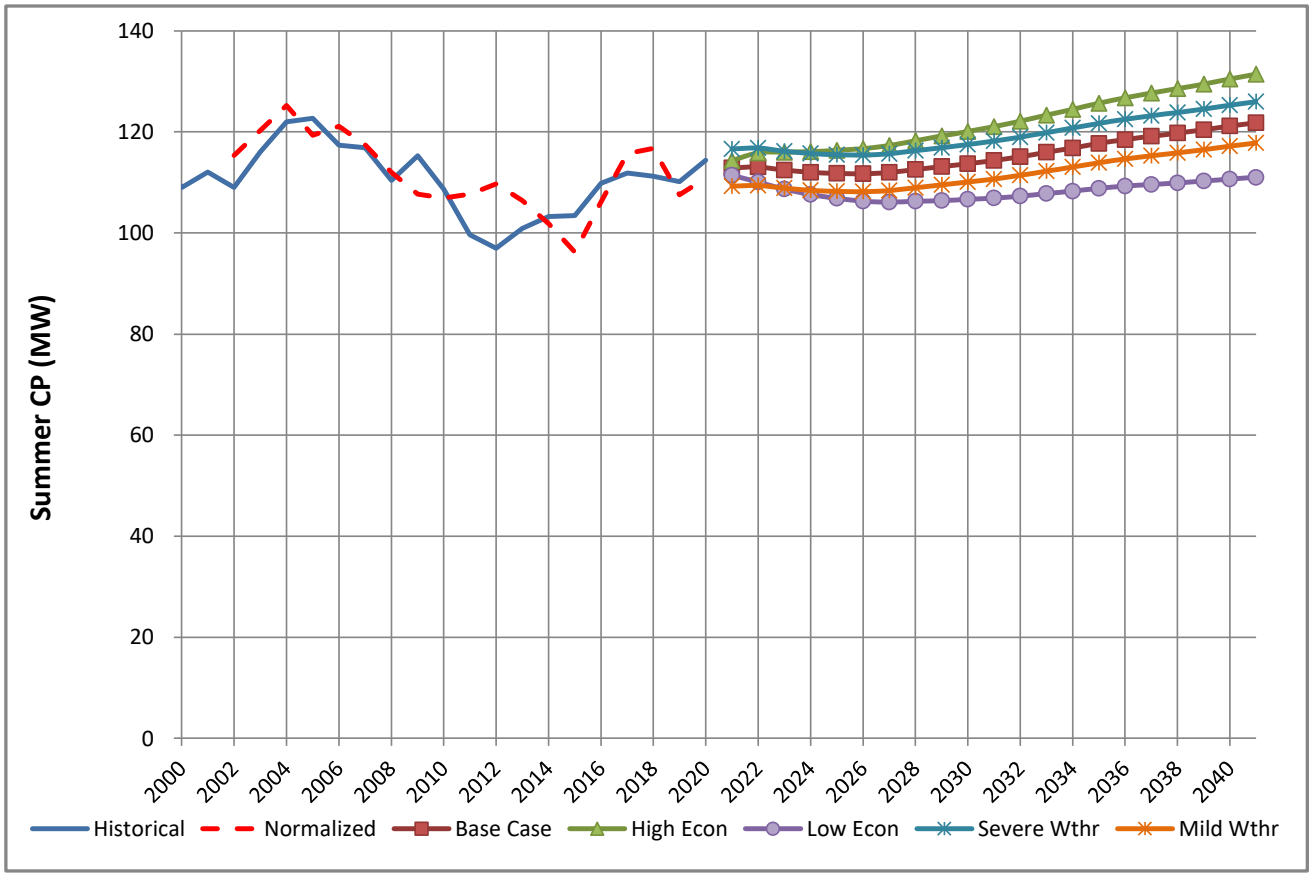
CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast

Fort Pierce

Historical and Projected NEL and Annual Coincident Peak Demand





FMPA 2021 Load Forecast - Low Economic Case

Ft. Pierce

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	552,427	-	549,115	-	-0.6%	114.8	-	99.4	-	-13.4%	99.6	-	106.1		6.5%
	2012	537,115	-2.8%	544,172	-0.9%	1.3%	97.0	-15.5%	96.0	-3.4%	-1.1%	97.0	-2.6%	108.8	2.6%	12.3%
	2013	532,037	-0.9%	538,194	-1.1%	1.2%	86.7	-10.7%	76.2	-20.6%	-12.1%	100.9	4.0%	105.6	-2.9%	4.7%
	2014	544,750	2.4%	545,638	1.4%	0.2%	89.2	2.9%	103.0	35.1%	15.5%	103.2	2.4%	101.2	-4.2%	-1.9%
	2015	559,062	2.6%	551,184	1.0%	-1.4%	101.8	14.2%	74.0	-28.2%	-27.3%	103.4	0.2%	96.2	-5.0%	-7.0%
	2016	583,151	4.3%	574,181	4.2%	-1.5%	96.1	-5.6%	87.5	18.2%	-9.0%	109.8	6.2%	106.1	10.3%	-3.4%
	2017	569,635	-2.3%	561,803	-2.2%	-1.4%	85.4	-11.1%	80.0	-8.6%	-6.4%	111.8	1.8%	115.7	9.0%	3.5%
	2018	572,718	0.5%	569,778	1.4%	-0.5%	92.9	8.8%	82.3	2.9%	-11.5%	111.2	-0.6%	116.7	0.9%	5.0%
	2019	578,050	0.9%	570,407	0.1%	-1.3%	92.1	-0.8%	102.8	24.9%	11.5%	110.1	-0.9%	107.5	-7.9%	-2.4%
	2020	588,692	1.8%	581,926	2.0%	-1.1%	92.0	-0.2%	99.5	-3.2%	8.1%	114.4	3.9%	110.8	3.1%	-3.1%
Projected	2021	596,479	1.3%	596,479	2.5%		92.5	0.6%	92.5	-7.0%		111.4	-2.6%	111.4	0.5%	
	2022			587,949	-1.4%				91.4	-1.2%				110.1	-1.2%	
	2023			582,196	-1.0%				90.8	-0.6%				108.7	-1.3%	
	2024			577,652	-0.8%				89.8	-1.0%				107.6	-1.0%	
	2025			571,960	-1.0%				89.1	-0.9%				106.9	-0.7%	
	2026			568,806	-0.6%				88.6	-0.6%				106.3	-0.5%	
	2027			567,177	-0.3%				88.2	-0.4%				106.1	-0.2%	
	2028			568,959	0.3%				88.3	0.1%				106.3	0.1%	
	2029			568,389	-0.1%				88.4	0.1%				106.4	0.1%	
	2030			569,327	0.2%				88.5	0.1%				106.6	0.2%	
	2031			570,659	0.2%				88.7	0.2%				106.9	0.2%	
	2032			573,855	0.6%				89.0	0.3%				107.3	0.4%	
	2033			574,796	0.2%				89.3	0.3%				107.8	0.5%	
	2034			577,396	0.5%				89.7	0.4%				108.3	0.5%	
	2035			580,115	0.5%				90.1	0.5%				108.8	0.5%	
	2036			584,136	0.7%				90.6	0.6%				109.2	0.4%	
	2037			584,400	0.0%				90.8	0.2%				109.6	0.3%	
	2038			586,086	0.3%				91.1	0.3%				109.9	0.3%	
	2039			587,686	0.3%				91.3	0.2%				110.3	0.3%	
	2040			591,237	0.6%				91.7	0.4%				110.7	0.4%	
CAGR [3]	2011-2020		0.7%		0.6%			-2.4%		0.0%			1.6%		0.5%	
	2021-2030				-0.5%					-0.5%					-0.5%	
	2031-2040				0.4%					0.4%					0.4%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Ft. Pierce

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	552,427	-	552,427	-	114.8	104.3	114.8	104.3	114.8	99.6	114.8	99.6
	2012	537,115	-2.8%	537,115	-2.8%	97.0	103.3	97.0	103.3	97.0	97.0	97.0	97.0
	2013	532,037	-0.9%	532,037	-0.9%	86.7	103.7	86.7	103.7	86.7	100.9	86.7	100.9
	2014	544,750	2.4%	544,750	2.4%	89.2	105.5	89.2	105.5	89.2	103.2	89.2	103.2
	2015	559,062	2.6%	559,062	2.6%	101.8	107.2	101.8	107.2	101.8	103.4	101.8	103.4
	2016	583,151	4.3%	583,151	4.3%	97.7	111.7	97.7	111.7	96.1	109.8	96.1	109.8
	2017	569,635	-2.3%	569,635	-2.3%	88.5	111.8	88.5	111.8	85.4	111.8	85.4	111.8
	2018	572,718	0.5%	572,718	0.5%	101.0	111.6	101.0	111.6	92.9	111.2	92.9	111.2
	2019	578,050	0.9%	578,050	0.9%	93.9	112.6	93.9	112.6	92.1	110.1	92.1	110.1
	2020	588,692	1.8%	587,569	1.6%	96.5	116.4	99.7	111.7	92.0	114.4	92.8	109.0
Projected	2021	596,479	1.3%	579,345	-1.4%	99.6	114.0	98.4	110.6	92.5	111.4	91.6	107.9
	2022	587,949	-1.4%	576,012	-0.6%	98.4	112.7	98.0	110.0	91.4	110.1	91.2	107.3
	2023	582,196	-1.0%	574,278	-0.3%	97.7	111.3	97.7	109.6	90.8	108.7	91.0	106.9
	2024	577,652	-0.8%	574,029	0.0%	96.7	110.2	97.5	109.3	89.8	107.6	90.7	106.7
	2025	571,960	-1.0%	571,846	-0.4%	95.9	109.4	97.2	109.2	89.1	106.9	90.5	106.6
	2026	568,806	-0.6%	571,609	0.0%	95.3	108.8	97.2	109.2	88.6	106.3	90.5	106.5
	2027	567,177	-0.3%	571,350	0.0%	95.0	108.6	97.2	109.1	88.2	106.1	90.4	106.5
	2028	568,959	0.3%	572,761	0.2%	95.1	108.8	97.2	109.1	88.3	106.3	90.5	106.5
	2029	568,389	-0.1%	571,102	-0.3%	95.1	109.0	97.1	109.1	88.4	106.4	90.4	106.4
	2030	569,327	0.2%	570,874	0.0%	95.3	109.2	97.1	109.1	88.5	106.6	90.3	106.4
	2031	570,659	0.2%	571,581	0.1%	95.5	109.4	97.2	109.3	88.7	106.9	90.4	106.6
	2032	573,855	0.6%	574,391	0.5%	95.8	109.8	97.4	109.5	89.0	107.3	90.7	106.9
	2033	574,796	0.2%	574,432	0.0%	96.1	110.3	97.6	109.8	89.3	107.8	90.9	107.2
	2034	577,396	0.5%	575,864	0.2%	96.5	110.9	97.9	110.1	89.7	108.3	91.1	107.4
	2035	580,115	0.5%	577,465	0.3%	97.0	111.4	98.1	110.4	90.1	108.8	91.3	107.8
	2036	584,136	0.7%	580,381	0.5%	97.5	111.8	98.5	110.6	90.6	109.2	91.7	108.0
	2037	584,400	0.0%	579,562	-0.1%	97.7	112.2	98.5	110.8	90.8	109.6	91.7	108.1
	2038	586,086	0.3%	580,342	0.1%	98.0	112.5	98.7	110.9	91.1	109.9	91.8	108.2
	2039	587,686	0.3%	581,060	0.1%	98.3	112.9	98.8	111.1	91.3	110.3	91.9	108.4
	2040	591,237	0.6%			98.7	113.3			91.7	110.7		
CAGR[1]	Historical		0.7%		0.6%	-1.9%	1.2%	-2.5%	1.0%	-0.7%	2.1%	-0.7%	1.8%
	1st 10 Prj Yrs		-0.5%		-0.3%	-0.5%	-0.5%	-0.3%	-0.3%	-0.5%	-0.5%	-0.3%	-0.3%
	2nd 10 Prj Yrs		0.4%		0.2%	0.4%	0.4%	0.2%	0.2%	0.4%	0.4%	0.2%	0.2%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Ft. Pierce

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	552,427	-	549,115	-	-0.6%	114.8	-	99.4	-	-13.4%	99.6	-	106.1		6.5%
	2012	537,115	-2.8%	544,172	-0.9%	1.3%	97.0	-15.5%	96.0	-3.4%	-1.1%	97.0	-2.6%	108.8	2.6%	12.3%
	2013	532,037	-0.9%	538,194	-1.1%	1.2%	86.7	-10.7%	76.2	-20.6%	-12.1%	100.9	4.0%	105.6	-2.9%	4.7%
	2014	544,750	2.4%	545,638	1.4%	0.2%	89.2	2.9%	103.0	35.1%	15.5%	103.2	2.4%	101.2	-4.2%	-1.9%
	2015	559,062	2.6%	551,184	1.0%	-1.4%	101.8	14.2%	74.0	-28.2%	-27.3%	103.4	0.2%	96.2	-5.0%	-7.0%
	2016	583,151	4.3%	574,181	4.2%	-1.5%	96.1	-5.6%	87.5	18.2%	-9.0%	109.8	6.2%	106.1	10.3%	-3.4%
	2017	569,635	-2.3%	561,803	-2.2%	-1.4%	85.4	-11.1%	80.0	-8.6%	-6.4%	111.8	1.8%	115.7	9.0%	3.5%
	2018	572,718	0.5%	569,778	1.4%	-0.5%	92.9	8.8%	82.3	2.9%	-11.5%	111.2	-0.6%	116.7	0.9%	5.0%
	2019	578,050	0.9%	570,407	0.1%	-1.3%	92.1	-0.8%	102.8	24.9%	11.5%	110.1	-0.9%	107.5	-7.9%	-2.4%
	2020	588,692	1.8%	578,642	1.4%	-1.7%	92.0	-0.2%	99.5	-3.2%	8.1%	114.4	3.9%	110.8	3.1%	-3.1%
Projected	2021	596,127	1.3%	596,127	3.0%		92.5	0.6%	92.5	-7.0%		111.3	-2.7%	111.3	0.4%	
	2022			587,489	-1.4%				91.4	-1.2%				110.0	-1.2%	
	2023			581,627	-1.0%				90.8	-0.6%				108.5	-1.3%	
	2024			576,959	-0.8%				89.8	-1.0%				107.4	-1.0%	
	2025			571,130	-1.0%				89.1	-0.9%				106.7	-0.7%	
	2026			567,785	-0.6%				88.6	-0.6%				106.1	-0.6%	
	2027			565,947	-0.3%				88.2	-0.4%				105.8	-0.2%	
	2028			567,505	0.3%				88.3	0.1%				105.9	0.1%	
	2029			566,704	-0.1%				88.4	0.1%				106.0	0.1%	
	2030			567,397	0.1%				88.5	0.1%				106.2	0.2%	
	2031			568,570	0.2%				88.7	0.2%				106.4	0.2%	
	2032			571,600	0.5%				89.0	0.3%				106.7	0.3%	
	2033			572,377	0.1%				89.3	0.3%				107.2	0.4%	
	2034			574,812	0.4%				89.7	0.4%				107.7	0.4%	
	2035			577,368	0.4%				90.1	0.5%				108.2	0.5%	
	2036			581,200	0.7%				90.6	0.6%				108.6	0.3%	
	2037			581,268	0.0%				90.8	0.2%				108.9	0.3%	
	2038			582,746	0.3%				91.1	0.3%				109.1	0.2%	
	2039			584,123	0.2%				91.3	0.2%				109.4	0.3%	
	2040			587,445	0.6%				91.7	0.4%				109.8	0.3%	
CAGR [3]	2011-2020		0.7%		0.6%			-2.4%		0.0%			1.6%		0.5%	
	2021-2030				-0.5%					-0.5%					-0.5%	
	2031-2040				0.4%					0.4%					0.3%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Ft. Pierce

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	552,427	-	549,115	-	-0.6%	114.8	-	54.9%	104.3	-	60.5%
	2012	537,115	-2.8%	544,172	-0.9%	1.3%	97.0	-15.5%	63.2%	103.3	-0.9%	59.3%
	2013	532,037	-0.9%	538,194	-1.1%	1.2%	86.7	-10.7%	70.1%	103.7	0.4%	58.6%
	2014	544,750	2.4%	545,638	1.4%	0.2%	89.2	2.9%	69.7%	105.5	1.8%	58.9%
	2015	559,062	2.6%	551,184	1.0%	-1.4%	101.8	14.2%	62.7%	107.2	1.6%	59.6%
	2016	583,151	4.3%	574,181	4.2%	-1.5%	97.7	-4.1%	68.2%	111.7	4.3%	59.6%
	2017	569,635	-2.3%	561,803	-2.2%	-1.4%	88.5	-9.4%	73.5%	111.8	0.1%	58.1%
	2018	572,718	0.5%	569,778	1.4%	-0.5%	101.0	14.1%	64.8%	111.6	-0.3%	58.6%
	2019	578,050	0.9%	570,407	0.1%	-1.3%	93.9	-7.0%	70.3%	112.6	1.0%	58.6%
	2020	588,692	1.8%	581,926	2.0%	-1.1%	96.5	2.8%	69.6%	116.4	3.4%	57.7%
Projected	2021	596,127	1.3%	596,127	2.4%		99.6	3.2%	68.3%	114.0	-2.1%	59.7%
	2022	587,489	-1.4%	587,489	-1.4%		98.4	-1.2%	68.2%	112.6	-1.2%	59.6%
	2023	581,627	-1.0%	581,627	-1.0%		97.7	-0.6%	67.9%	111.1	-1.3%	59.7%
	2024	576,959	-0.8%	576,959	-0.8%		96.7	-1.0%	68.1%	110.0	-1.0%	59.9%
	2025	571,130	-1.0%	571,130	-1.0%		95.9	-0.9%	68.0%	109.2	-0.7%	59.7%
	2026	567,785	-0.6%	567,785	-0.6%		95.3	-0.6%	68.0%	108.6	-0.6%	59.7%
	2027	565,947	-0.3%	565,947	-0.3%		95.0	-0.4%	68.0%	108.3	-0.2%	59.6%
	2028	567,505	0.3%	567,505	0.3%		95.1	0.1%	68.1%	108.4	0.1%	59.7%
	2029	566,704	-0.1%	566,704	-0.1%		95.1	0.1%	68.0%	108.5	0.1%	59.6%
	2030	567,397	0.1%	567,397	0.1%		95.3	0.1%	68.0%	108.7	0.2%	59.6%
	2031	568,570	0.2%	568,570	0.2%		95.5	0.2%	68.0%	108.9	0.2%	59.6%
	2032	571,600	0.5%	571,600	0.5%		95.8	0.3%	68.1%	109.3	0.3%	59.7%
	2033	572,377	0.1%	572,377	0.1%		96.1	0.3%	68.0%	109.8	0.4%	59.5%
	2034	574,812	0.4%	574,812	0.4%		96.5	0.4%	68.0%	110.2	0.4%	59.5%
	2035	577,368	0.4%	577,368	0.4%		97.0	0.5%	68.0%	110.8	0.5%	59.5%
	2036	581,200	0.7%	581,200	0.7%		97.5	0.6%	68.0%	111.1	0.3%	59.7%
	2037	581,268	0.0%	581,268	0.0%		97.7	0.2%	67.9%	111.5	0.3%	59.5%
	2038	582,746	0.3%	582,746	0.3%		98.0	0.3%	67.9%	111.7	0.2%	59.5%
	2039	584,123	0.2%	584,123	0.2%		98.3	0.2%	67.9%	112.0	0.3%	59.5%
	2040	587,445	0.6%	587,445	0.6%		98.7	0.4%	68.0%	112.4	0.3%	59.7%
CAGR [1]	2011-2020		0.7%		0.6%			-1.9%	66.7%		1.2%	59.0%
	2021-2030		-0.5%		-0.5%			-0.5%	68.1%		-0.5%	59.7%
	2031-2040		0.4%		0.4%			0.4%	68.0%		0.3%	59.6%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Ft. Pierce

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	39,989	35,444	39,789	44,186	48,823	51,723	55,193	55,783	50,915	43,756	39,505	38,611	543,717	552,427
	2012	40,289	37,959	42,245	41,208	48,485	48,630	53,967	53,597	48,864	46,590	36,378	38,798	537,009	537,115
	2013	38,862	36,703	39,531	43,013	45,811	50,571	50,494	55,584	49,703	47,956	40,594	39,269	538,090	532,037
	2014	41,266	36,491	39,550	42,999	49,051	49,104	52,521	56,213	49,737	46,418	37,633	39,506	540,489	544,750
	2015	39,271	36,281	43,675	47,356	51,177	54,226	55,367	55,498	52,653	48,565	46,117	43,886	574,073	559,062
	2016	40,643	38,560	43,189	43,820	49,515	54,253	61,309	59,072	54,220	48,041	39,816	42,331	574,770	583,151
	2017	41,027	36,811	41,794	45,276	52,452	52,155	58,048	59,507	52,377	50,982	41,334	41,290	573,055	569,635
	2018	43,109	39,736	40,177	43,551	47,273	52,662	57,741	58,485	56,377	53,557	43,271	40,240	576,179	572,718
	2019	40,509	38,311	41,264	45,160	52,488	54,795	57,839	56,736	53,881	53,807	40,981	39,938	575,707	578,050
	2020	40,859	39,783	46,452	44,840	49,227	55,498	59,308	60,912	57,087	54,111	43,189	42,043	593,309	588,692
Projected	2021	45,045	41,902	44,704	45,479	51,067	54,278	59,070	60,784	54,455	52,219	42,747	41,464	593,215	596,127
	2022	44,493	41,408	44,175	44,843	50,331	53,552	58,306	59,989	53,963	51,829	42,532	41,309	586,730	587,489
	2023	44,181	41,033	43,752	44,369	49,710	52,852	57,504	59,209	53,346	51,200	42,047	40,852	580,055	581,627
	2024	43,684	42,076	43,292	43,938	49,214	52,289	56,940	58,615	52,811	50,761	41,705	40,534	575,860	576,959
	2025	43,334	40,256	42,980	43,625	48,864	51,908	56,526	58,194	52,442	50,421	41,443	40,295	570,289	571,130
	2026	43,072	40,017	42,730	43,373	48,586	51,609	56,204	57,873	52,161	50,170	41,248	40,126	567,170	567,785
	2027	42,902	39,872	42,583	43,237	48,447	51,472	56,070	57,753	52,068	50,097	41,199	40,099	565,800	565,947
	2028	42,886	41,351	42,582	43,246	48,471	51,506	56,122	57,815	52,130	50,165	41,252	40,161	567,688	567,505
	2029	42,953	39,930	42,629	43,294	48,526	51,561	56,181	57,875	52,177	50,209	41,281	40,197	566,812	566,704
	2030	42,998	39,975	42,669	43,340	48,585	51,630	56,268	57,974	52,272	50,312	41,362	40,283	567,668	567,397
Projected	2031	43,096	40,063	42,746	43,422	48,678	51,734	56,388	58,102	52,385	50,419	41,444	40,370	568,846	568,570
	2032	43,199	41,656	42,845	43,530	48,812	51,887	56,568	58,299	52,570	50,598	41,587	40,518	572,070	571,600
	2033	43,369	40,325	43,004	43,698	49,007	52,103	56,813	58,554	52,799	50,817	41,758	40,687	572,937	572,377
	2034	43,557	40,500	43,174	43,875	49,209	52,324	57,061	58,816	53,033	51,039	41,930	40,859	575,377	574,812
	2035	43,750	40,679	43,351	44,060	49,424	52,560	57,329	59,098	53,288	51,280	42,119	41,048	577,987	577,368
	2036	43,954	42,379	43,521	44,229	49,610	52,755	57,538	59,305	53,462	51,434	42,229	41,153	581,570	581,200
	2037	44,073	40,973	43,626	44,339	49,740	52,898	57,702	59,480	53,620	51,584	42,344	41,271	581,650	581,268
	2038	44,202	41,089	43,728	44,443	49,856	53,023	57,841	59,622	53,742	51,695	42,423	41,353	583,018	582,746
	2039	44,300	41,183	43,814	44,537	49,971	53,155	57,998	59,794	53,900	51,848	42,541	41,475	584,516	584,123
	2040	44,441	42,848	43,932	44,662	50,118	53,319	58,187	59,995	54,079	52,016	42,666	41,603	587,865	587,445

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	7.4%	6.5%	7.3%	8.1%	9.0%	9.5%	10.2%	10.3%	9.4%	8.0%	7.3%	7.1%	100.0%
	2012	7.5%	7.1%	7.9%	7.7%	9.0%	9.1%	10.0%	10.0%	9.1%	8.7%	6.8%	7.2%	100.0%
	2013	7.2%	6.8%	7.3%	8.0%	8.5%	9.4%	9.4%	10.3%	9.2%	8.9%	7.5%	7.3%	100.0%
	2014	7.6%	6.8%	7.3%	8.0%	9.1%	9.1%	9.7%	10.4%	9.2%	8.6%	7.0%	7.3%	100.0%
	2015	6.8%	6.3%	7.6%	8.2%	8.9%	9.4%	9.6%	9.7%	9.2%	8.5%	8.0%	7.6%	100.0%
	2016	7.1%	6.7%	7.5%	7.6%	8.6%	9.4%	10.7%	10.3%	9.4%	8.4%	6.9%	7.4%	100.0%
	2017	7.2%	6.4%	7.3%	7.9%	9.2%	9.1%	10.1%	10.4%	9.1%	8.9%	7.2%	7.2%	100.0%
	2018	7.5%	6.9%	7.0%	7.6%	8.2%	9.1%	10.0%	10.2%	9.8%	9.3%	7.5%	7.0%	100.0%
	2019	7.0%	6.7%	7.2%	7.8%	9.1%	9.5%	10.0%	9.9%	9.4%	9.3%	7.1%	6.9%	100.0%
	2020	6.9%	6.7%	7.8%	7.6%	8.3%	9.4%	10.0%	10.3%	9.6%	9.1%	7.3%	7.1%	100.0%
Projected	2021	7.6%	7.1%	7.5%	7.7%	8.6%	9.1%	10.0%	10.2%	9.2%	8.8%	7.2%	7.0%	100.0%
	2022	7.6%	7.1%	7.5%	7.6%	8.6%	9.1%	9.9%	10.2%	9.2%	8.8%	7.2%	7.0%	100.0%
	2023	7.6%	7.1%	7.5%	7.6%	8.6%	9.1%	9.9%	10.2%	9.2%	8.8%	7.2%	7.0%	100.0%
	2024	7.6%	7.3%	7.5%	7.6%	8.5%	9.1%	9.9%	10.2%	9.2%	8.8%	7.2%	7.0%	100.0%
	2025	7.6%	7.1%	7.5%	7.6%	8.6%	9.1%	9.9%	10.2%	9.2%	8.8%	7.3%	7.1%	100.0%
	2026	7.6%	7.1%	7.5%	7.6%	8.6%	9.1%	9.9%	10.2%	9.2%	8.8%	7.3%	7.1%	100.0%
	2027	7.6%	7.0%	7.5%	7.6%	8.6%	9.1%	9.9%	10.2%	9.2%	8.9%	7.3%	7.1%	100.0%
	2028	7.6%	7.3%	7.5%	7.6%	8.5%	9.1%	9.9%	10.2%	9.2%	8.8%	7.3%	7.1%	100.0%
	2029	7.6%	7.0%	7.5%	7.6%	8.6%	9.1%	9.9%	10.2%	9.2%	8.9%	7.3%	7.1%	100.0%
	2030	7.6%	7.0%	7.5%	7.6%	8.6%	9.1%	9.9%	10.2%	9.2%	8.9%	7.3%	7.1%	100.0%
Avg.	2011-2020	7.2%	6.7%	7.4%	7.8%	8.8%	9.3%	10.0%	10.2%	9.3%	8.8%	7.3%	7.2%	100.0%
	2021-2030	7.6%	7.1%	7.5%	7.6%	8.6%	9.1%	9.9%	10.2%	9.2%	8.8%	7.3%	7.1%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Low Economic Case

Ft. Pierce

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	98.9	72.2	83.0	92.9	95.1	104.3	103.8	104.2	99.9	91.5	83.5	68.0	114.8	104.3
	2012	97.0	86.8	77.2	89.1	99.0	97.9	101.6	103.3	95.2	97.2	68.5	75.3	97.0	103.3
	2013	71.6	82.8	86.7	85.2	89.7	100.8	99.9	103.7	101.2	96.0	84.4	76.3	86.7	103.7
	2014	89.2	76.1	74.0	91.8	93.6	99.0	103.9	105.5	101.1	95.6	84.9	72.0	89.2	105.5
	2015	72.1	101.8	85.2	100.3	99.7	104.9	106.2	107.2	106.4	95.8	97.7	84.4	101.8	107.2
	2016	87.6	94.0	90.2	92.2	101.2	107.8	111.7	110.3	104.5	99.0	84.3	86.7	97.7	111.7
	2017	83.2	79.2	88.5	96.6	106.1	105.1	108.4	111.8	109.0	101.1	85.8	81.9	88.5	111.8
	2018	101.0	83.3	87.9	91.9	91.0	108.2	111.6	111.2	108.6	103.3	93.9	88.4	101.0	111.6
	2019	80.3	87.8	85.5	92.4	103.7	111.9	112.0	110.6	112.6	101.5	96.5	80.2	93.9	112.6
	2020	91.0	88.9	96.0	103.6	102.6	115.2	114.7	115.3	116.4	103.9	95.4	84.9	96.5	116.4
Projected	2021	99.6	88.9	88.5	98.3	105.1	109.5	112.4	114.0	111.0	101.8	93.4	83.8	99.6	114.0
	2022	98.4	87.8	87.4	97.1	103.8	108.2	111.1	112.6	109.7	100.5	92.3	83.3	98.4	112.6
	2023	97.7	87.2	86.3	95.9	102.5	106.8	109.6	111.1	108.3	99.2	91.1	82.5	97.7	111.1
	2024	96.7	86.3	85.5	94.9	101.4	105.7	108.5	110.0	107.2	98.2	90.2	81.7	96.7	110.0
	2025	95.9	85.6	84.9	94.2	100.7	104.9	107.7	109.2	106.4	97.5	89.6	81.3	95.9	109.2
	2026	95.3	85.1	84.5	93.7	100.2	104.4	107.1	108.6	105.8	97.0	89.2	81.0	95.3	108.6
	2027	95.0	84.8	84.3	93.5	100.0	104.1	106.9	108.3	105.6	96.8	89.0	81.0	95.0	108.3
	2028	95.1	84.9	84.4	93.6	100.1	104.2	107.0	108.4	105.7	96.9	89.1	81.1	95.1	108.4
	2029	95.1	84.9	84.5	93.7	100.2	104.3	107.1	108.5	105.8	97.0	89.3	81.2	95.1	108.5
	2030	95.3	85.0	84.7	93.9	100.4	104.5	107.3	108.7	105.9	97.2	89.4	81.4	95.3	108.7
Projected	2031	95.5	85.2	84.9	94.1	100.6	104.7	107.5	108.9	106.2	97.4	89.7	81.7	95.5	108.9
	2032	95.8	85.5	85.2	94.4	101.0	105.0	107.8	109.3	106.5	97.8	90.0	81.9	95.8	109.3
	2033	96.1	85.8	85.6	94.9	101.4	105.5	108.3	109.8	106.9	98.2	90.4	82.3	96.1	109.8
	2034	96.5	86.2	86.0	95.3	101.9	105.9	108.8	110.2	107.4	98.6	90.8	82.7	96.5	110.2
	2035	97.0	86.6	86.5	95.7	102.3	106.4	109.3	110.8	107.9	99.1	91.3	83.1	97.0	110.8
	2036	97.5	87.1	86.8	96.1	102.7	106.8	109.7	111.1	108.3	99.5	91.6	83.3	97.5	111.1
	2037	97.7	87.2	87.1	96.4	103.0	107.1	110.0	111.5	108.6	99.8	91.9	83.6	97.7	111.5
	2038	98.0	87.5	87.3	96.6	103.3	107.3	110.2	111.7	108.8	100.0	92.2	83.8	98.0	111.7
	2039	98.3	87.7	87.6	96.9	103.6	107.6	110.5	112.0	109.1	100.3	92.5	84.1	98.3	112.0
	2040	98.7	88.1	87.9	97.2	103.9	108.0	110.9	112.4	109.5	100.7	92.8	84.3	98.7	112.4

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	54.4%	73.1%	64.5%	66.0%	69.0%	68.9%	71.5%	72.0%	70.8%	64.3%	65.7%	76.3%	54.1%	59.5%
	2012	55.8%	62.8%	73.5%	64.2%	65.8%	69.0%	71.4%	69.7%	71.3%	64.4%	73.7%	69.3%	63.2%	59.3%
	2013	73.0%	66.0%	61.3%	70.1%	68.7%	69.7%	67.9%	72.1%	68.2%	67.1%	66.8%	69.2%	70.9%	59.2%
	2014	62.2%	71.4%	71.8%	65.0%	70.4%	68.9%	68.0%	71.6%	68.3%	65.2%	61.6%	73.7%	69.2%	58.5%
	2015	73.2%	53.0%	68.9%	65.6%	69.0%	71.8%	70.1%	69.6%	68.7%	68.1%	65.6%	69.9%	64.4%	61.2%
	2016	62.4%	58.9%	64.4%	66.0%	65.8%	69.9%	73.7%	72.0%	72.1%	65.2%	65.6%	65.6%	67.2%	58.7%
	2017	66.3%	69.2%	63.5%	65.1%	66.5%	68.9%	72.0%	71.5%	66.8%	67.8%	66.9%	67.8%	73.9%	58.5%
	2018	57.4%	71.0%	61.5%	65.8%	69.8%	67.6%	69.6%	70.7%	72.1%	69.7%	64.0%	61.2%	65.1%	59.0%
	2019	67.8%	64.9%	64.8%	67.9%	68.0%	68.0%	69.4%	68.9%	66.4%	71.3%	59.0%	66.9%	70.0%	58.3%
	2020	60.3%	64.3%	65.0%	60.1%	64.5%	66.9%	69.5%	71.0%	68.1%	70.0%	62.9%	66.6%	70.2%	58.2%
Projected	2021	60.8%	70.1%	67.9%	64.3%	65.3%	68.8%	70.6%	71.7%	68.1%	69.0%	63.5%	66.5%	68.0%	59.4%
	2022	60.8%	70.2%	67.9%	64.1%	65.2%	68.7%	70.6%	71.6%	68.3%	69.3%	64.0%	66.7%	68.1%	59.5%
	2023	60.8%	70.0%	68.1%	64.3%	65.2%	68.7%	70.5%	71.6%	68.4%	69.3%	64.1%	66.6%	67.8%	59.6%
	2024	60.7%	70.0%	68.1%	64.3%	65.2%	68.7%	70.5%	71.6%	68.4%	69.4%	64.2%	66.6%	68.0%	59.8%
	2025	60.7%	70.0%	68.0%	64.3%	65.2%	68.7%	70.5%	71.6%	68.4%	69.5%	64.2%	66.6%	67.9%	59.6%
	2026	60.7%	70.0%	68.0%	64.3%	65.2%	68.7%	70.5%	71.6%	68.5%	69.5%	64.3%	66.6%	67.9%	59.6%
	2027	60.7%	70.0%	67.9%	64.2%	65.1%	68.7%	70.5%	71.6%	68.5%	69.6%	64.3%	66.5%	68.0%	59.6%
	2028	60.6%	70.0%	67.8%	64.1%	65.1%	68.6%	70.5%	71.7%	68.5%	69.6%	64.3%	66.6%	68.2%	59.8%
	2029	60.7%	70.0%	67.8%	64.1%	65.1%	68.7%	70.5%	71.7%	68.5%	69.5%	64.2%	66.5%	68.0%	59.6%
	2030	60.7%	70.0%	67.7%	64.1%	65.1%	68.6%	70.5%	71.7%	68.5%	69.6%	64.2%	66.5%	68.0%	59.6%
Avg.	2011-2020	63.3%	65.5%	65.9%	65.6%	67.8%	69.0%	70.3%	70.9%	69.3%	67.3%	65.2%	68.6%	66.8%	59.0%
	2021-2030	60.7%	70.0%	67.9%	64.2%	65.2%	68.7%	70.5%	71.6%	68.4%	69.4%	64.1%	66.6%	68.0%	59.6%

FMPA 2021 Load Forecast - Low Economic Case

Ft. Pierce

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	98.3	72.2	69.7	88.7	88.5	98.1	100.3	99.6	99.9	88.3	81.1	65.1	114.8	99.6
	2012	97.0	86.8	76.2	89.1	89.5	91.1	97.0	100.0	86.2	92.1	68.2	66.0	97.0	97.0
	2013	55.0	80.8	86.7	85.2	89.3	98.7	89.7	100.9	98.2	89.9	82.3	66.8	86.7	100.9
	2014	89.2	68.4	67.9	89.4	92.0	95.4	102.5	103.2	95.2	95.6	55.6	72.0	89.2	103.2
	2015	60.2	101.8	82.7	87.8	99.2	103.4	101.8	99.5	102.6	95.0	96.1	81.5	101.8	103.4
	2016	87.6	94.0	84.4	88.2	96.0	104.9	109.8	107.6	102.3	93.6	78.2	80.1	96.1	109.8
	2017	66.4	77.0	85.4	94.3	105.6	100.9	106.6	111.8	109.0	99.0	81.3	78.0	85.4	111.8
	2018	92.9	82.8	85.9	86.4	84.0	105.5	103.3	111.2	107.2	100.6	92.1	73.2	92.9	111.2
	2019	79.7	87.2	85.5	91.4	100.0	110.1	101.1	108.1	108.5	99.3	96.3	77.1	92.1	110.1
	2020	89.4	88.9	92.0	93.2	98.4	114.4	110.2	115.2	113.6	101.0	87.9	79.4	92.0	114.4
Projected	2021	92.5	87.5	84.3	94.2	101.3	106.6	107.3	111.3	108.0	98.9	86.1	78.4	92.5	111.3
	2022	91.4	86.4	83.3	93.0	100.1	105.3	106.0	110.0	106.7	97.7	85.1	77.9	91.4	110.0
	2023	90.8	85.8	82.3	91.9	98.8	103.9	104.6	108.5	105.3	96.5	84.0	77.1	90.8	108.5
	2024	89.8	84.9	81.5	90.9	97.8	102.8	103.6	107.4	104.2	95.5	83.2	76.4	89.8	107.4
	2025	89.1	84.2	80.9	90.3	97.1	102.1	102.8	106.7	103.5	94.8	82.6	76.0	89.1	106.7
	2026	88.6	83.7	80.5	89.8	96.6	101.5	102.2	106.1	102.9	94.3	82.2	75.7	88.6	106.1
	2027	88.2	83.4	80.3	89.6	96.4	101.3	102.0	105.8	102.7	94.1	82.0	75.7	88.2	105.8
	2028	88.3	83.5	80.4	89.7	96.5	101.4	102.1	105.9	102.8	94.2	82.1	75.8	88.3	105.9
	2029	88.4	83.5	80.6	89.8	96.6	101.5	102.2	106.0	102.9	94.3	82.2	75.9	88.4	106.0
	2030	88.5	83.7	80.7	90.0	96.8	101.6	102.3	106.2	103.0	94.5	82.4	76.1	88.5	106.2
Projected	2031	88.7	83.8	80.9	90.2	97.0	101.8	102.6	106.4	103.2	94.7	82.6	76.3	88.7	106.4
	2032	89.0	84.1	81.2	90.5	97.4	102.2	102.9	106.7	103.6	95.1	82.9	76.6	89.0	106.7
	2033	89.3	84.4	81.6	90.9	97.8	102.6	103.3	107.2	104.0	95.5	83.3	76.9	89.3	107.2
	2034	89.7	84.8	82.0	91.3	98.2	103.0	103.8	107.7	104.5	95.9	83.7	77.3	89.7	107.7
	2035	90.1	85.2	82.4	91.7	98.7	103.5	104.3	108.2	104.9	96.4	84.1	77.7	90.1	108.2
	2036	90.6	85.6	82.7	92.1	99.1	103.9	104.6	108.6	105.3	96.7	84.4	77.9	90.6	108.6
	2037	90.8	85.8	83.0	92.3	99.4	104.2	104.9	108.9	105.6	97.0	84.7	78.1	90.8	108.9
	2038	91.1	86.1	83.2	92.6	99.6	104.4	105.2	109.1	105.8	97.2	84.9	78.3	91.1	109.1
	2039	91.3	86.3	83.5	92.8	99.9	104.7	105.4	109.4	106.1	97.5	85.2	78.6	91.3	109.4
	2040	91.7	86.6	83.8	93.2	100.2	105.0	105.8	109.8	106.5	97.9	85.5	78.8	91.7	109.8

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	99.4%	100.0%	84.0%	95.4%	93.0%	94.1%	96.7%	95.6%	100.0%	96.5%	97.2%	95.8%	100.0%	95.5%
	2012	100.0%	100.0%	98.7%	100.0%	90.4%	93.1%	95.4%	96.8%	90.5%	94.7%	99.6%	87.6%	100.0%	93.8%
	2013	76.8%	97.6%	100.0%	100.0%	99.6%	98.0%	89.8%	97.3%	97.1%	93.6%	97.5%	87.6%	100.0%	97.3%
	2014	100.0%	89.9%	91.7%	97.3%	98.3%	96.4%	98.7%	97.8%	94.2%	100.0%	65.5%	100.0%	100.0%	97.8%
	2015	83.4%	100.0%	97.0%	87.5%	99.5%	98.6%	95.9%	92.9%	96.4%	99.2%	98.4%	96.5%	100.0%	96.5%
	2016	100.0%	100.0%	93.6%	95.7%	94.9%	97.3%	98.3%	97.6%	97.9%	94.5%	92.7%	92.3%	98.4%	98.3%
	2017	79.8%	97.3%	96.6%	97.5%	99.6%	96.0%	98.3%	100.0%	100.0%	97.9%	94.8%	95.2%	96.6%	100.0%
	2018	92.0%	99.5%	97.8%	94.0%	92.3%	97.4%	92.6%	100.0%	98.7%	97.4%	98.1%	82.8%	92.0%	99.7%
	2019	99.3%	99.3%	100.0%	98.9%	96.4%	98.4%	90.3%	97.7%	96.3%	97.9%	99.8%	96.2%	98.1%	97.8%
	2020	98.2%	100.0%	95.8%	90.0%	96.0%	99.3%	96.0%	99.9%	97.6%	97.2%	92.1%	93.5%	95.3%	98.2%
Projected	2021	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2022	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2023	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2024	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2025	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2026	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2027	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2028	92.9%	98.4%	95.3%	95.8%	96.4%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2029	92.9%	98.4%	95.3%	95.8%	96.4%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2030	92.9%	98.4%	95.3%	95.8%	96.4%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2011-2020	92.9%	98.4%	95.5%	95.6%	96.0%	96.9%	95.2%	97.6%	96.9%	96.9%	93.6%	92.7%	98.0%	97.5%
	2021-2030	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%

FMPA 2021 Load Forecast - Low Economic Case - Ft Pierce

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service						Res. Lights		City Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	216,942		22,733		9,543		301,655		5,018		60.1		5,989		5,860		530,446		21,981	4.0%	552,427	
	2012	204,343	-5.8%	22,785	0.2%	8,968	-6.0%	303,115	0.5%	5,016	-0.1%	60.4	0.5%	5,958	-0.5%	6,024	2.8%	519,440	-2.1%	17,675	3.3%	537,115	-2.8%
	2013	203,586	-0.4%	22,631	-0.7%	8,996	0.3%	294,790	-2.7%	4,999	-0.3%	59.0	-2.4%	5,919	-0.7%	6,071	0.8%	510,366	-1.7%	21,671	4.1%	532,037	-0.9%
	2014	212,712	4.5%	23,045	1.8%	9,230	2.6%	297,437	0.9%	5,052	1.1%	58.9	-0.2%	5,906	-0.2%	6,050	-0.3%	522,105	2.3%	22,645	4.2%	544,750	2.4%
	2015	227,451	6.9%	23,148	0.4%	9,826	6.5%	302,088	1.6%	5,073	0.4%	59.5	1.1%	5,932	0.4%	4,506	-25.5%	539,977	3.4%	19,085	3.4%	559,062	2.6%
	2016	238,720	5.0%	23,218	0.3%	10,282	4.6%	307,623	1.8%	5,082	0.2%	60.5	1.7%	6,030	1.7%	3,981	-11.7%	556,354	3.0%	26,797	4.6%	583,151	4.3%
	2017	235,521	-1.3%	23,205	-0.1%	10,150	-1.3%	308,779	0.4%	5,083	0.0%	60.7	0.4%	6,227	3.3%	3,900	-2.0%	554,427	-0.3%	15,208	2.7%	569,635	-2.3%
	2018	233,074	-1.0%	23,184	-0.1%	10,053	-1.0%	300,684	-2.6%	5,081	0.0%	59.2	-2.6%	6,227	0.0%	3,910	0.3%	543,895	-1.9%	28,823	5.0%	572,718	0.5%
	2019	246,354	5.7%	23,402	0.9%	10,527	4.7%	313,050	4.1%	5,125	0.9%	61.1	3.2%	5,979	-4.0%	4,019	2.8%	569,402	4.7%	8,648	1.5%	578,050	0.9%
	2020	252,227	2.4%	23,586	0.8%	10,694	1.6%	305,170	-2.5%	5,163	0.7%	59.1	-3.2%	5,457	-8.7%	4,020	0.0%	566,874	-0.4%	21,818	3.7%	588,692	1.8%
Projected	2021	255,211	1.2%	23,674	0.4%	10,780	0.8%	310,217	1.7%	5,175	0.2%	59.9	1.4%	5,457	0.0%	4,020	0.0%	574,905	1.4%	21,573	3.6%	596,479	1.3%
	2022	251,386	-1.5%	23,683	0.0%	10,615	-1.5%	306,992	-1.0%	5,171	-0.1%	59.4	-1.0%	5,457	0.0%	4,020	0.0%	567,855	-1.2%	20,094	3.4%	587,949	-1.4%
	2023	247,389	-1.6%	23,740	0.2%	10,421	-1.8%	305,479	-0.5%	5,178	0.2%	59.0	-0.6%	5,457	0.0%	4,020	0.0%	562,345	-1.0%	19,852	3.4%	582,196	-1.0%
	2024	241,558	-2.4%	23,803	0.3%	10,148	-2.6%	305,453	0.0%	5,188	0.2%	58.9	-0.2%	5,457	0.0%	4,020	0.0%	556,488	-1.0%	21,164	3.7%	577,652	-0.8%
	2025	237,949	-1.5%	23,866	0.3%	9,970	-1.8%	305,013	-0.1%	5,199	0.2%	58.7	-0.4%	5,457	0.0%	4,020	0.0%	552,439	-0.7%	19,521	3.4%	571,960	-1.0%
	2026	235,738	-0.9%	23,927	0.3%	9,852	-1.2%	304,175	-0.3%	5,210	0.2%	58.4	-0.5%	5,457	0.0%	4,020	0.0%	549,389	-0.6%	19,417	3.4%	568,806	-0.6%
	2027	234,706	-0.4%	23,984	0.2%	9,786	-0.7%	303,624	-0.2%	5,221	0.2%	58.2	-0.4%	5,457	0.0%	4,020	0.0%	547,807	-0.3%	19,370	3.4%	567,177	-0.3%
	2028	234,882	0.1%	24,040	0.2%	9,770	-0.2%	303,727	0.0%	5,232	0.2%	58.1	-0.2%	5,457	0.0%	4,020	0.0%	548,087	0.1%	20,872	3.7%	568,959	0.3%
	2029	235,509	0.3%	24,095	0.2%	9,774	0.0%	303,983	0.1%	5,242	0.2%	58.0	-0.1%	5,457	0.0%	4,020	0.0%	548,969	0.2%	19,420	3.4%	568,389	-0.1%
	2030	236,251	0.3%	24,149	0.2%	9,783	0.1%	304,146	0.1%	5,253	0.2%	57.9	-0.1%	5,457	0.0%	4,020	0.0%	549,874	0.2%	19,453	3.4%	569,327	0.2%
	2031	237,463	0.5%	24,198	0.2%	9,813	0.3%	304,221	0.0%	5,263	0.2%	57.8	-0.2%	5,457	0.0%	4,020	0.0%	551,161	0.2%	19,498	3.4%	570,659	0.2%
	2032	238,876	0.6%	24,241	0.2%	9,854	0.4%	304,449	0.1%	5,272	0.2%	57.7	-0.1%	5,457	0.0%	4,020	0.0%	552,802	0.3%	21,053	3.7%	573,855	0.6%
	2033	240,679	0.8%	24,283	0.2%	9,912	0.6%	304,996	0.2%	5,282	0.2%	57.7	0.0%	5,457	0.0%	4,020	0.0%	555,152	0.4%	19,644	3.4%	574,796	0.2%
	2034	242,560	0.8%	24,324	0.2%	9,972	0.6%	305,628	0.2%	5,291	0.2%	57.8	0.0%	5,457	0.0%	4,020	0.0%	557,665	0.5%	19,732	3.4%	577,396	0.5%
	2035	244,581	0.8%	24,364	0.2%	10,038	0.7%	306,233	0.2%	5,300	0.2%	57.8	0.0%	5,457	0.0%	4,020	0.0%	560,291	0.5%	19,824	3.4%	580,115	0.5%
	2036	246,452	0.8%	24,403	0.2%	10,099	0.6%	306,780	0.2%	5,308	0.2%	57.8	0.0%	5,457	0.0%	4,020	0.0%	562,709	0.4%	21,427	3.7%	584,136	0.7%
	2037	247,825	0.6%	24,439	0.1%	10,141	0.4%	307,133	0.1%	5,316	0.2%	57.8	0.0%	5,457	0.0%	4,020	0.0%	564,435	0.3%	19,965	3.4%	584,400	0.0%
	2038	249,302	0.6%	24,474	0.1%	10,186	0.5%	307,288	0.1%	5,324	0.1%	57.7	-0.1%	5,457	0.0%	4,020	0.0%	566,066	0.3%	20,019	3.4%	586,086	0.3%
	2039	250,772	0.6%	24,510	0.1%	10,231	0.4%	307,363	0.0%	5,332	0.1%	57.6	-0.1%	5,457	0.0%	4,020	0.0%	567,612	0.3%	20,075	3.4%	587,686	0.3%
	2040	252,672	0.8%	24,546	0.1%	10,294	0.6%	307,406	0.0%	5,340	0.1%	57.6	-0.1%	5,457	0.0%	4,020	0.0%	569,555	0.3%	21,682	3.7%	591,237	0.6%
CAGR	2011-2020		1.7%		0.4%		1.3%		0.1%		0.3%		-0.2%		-1.0%		-4.1%		0.7%		3.6%		0.7%
	2021-2030		-0.9%		0.2%		-1.1%		-0.2%		0.2%		-0.4%		0.0%		0.0%		-0.5%		3.5%		-0.5%
	2031-2040		0.7%		0.2%		0.5%		0.1%		0.2%		0.0%		0.0%		0.0%		0.4%		3.5%		0.4%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - High Economic Case

Ft. Pierce

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	552,427	-	549,115	-	-0.6%	114.8	-	99.4	-	-13.4%	99.6	-	106.1		6.5%
	2012	537,115	-2.8%	544,172	-0.9%	1.3%	97.0	-15.5%	96.0	-3.4%	-1.1%	97.0	-2.6%	108.8	2.6%	12.3%
	2013	532,037	-0.9%	538,194	-1.1%	1.2%	86.7	-10.7%	76.2	-20.6%	-12.1%	100.9	4.0%	105.6	-2.9%	4.7%
	2014	544,750	2.4%	545,638	1.4%	0.2%	89.2	2.9%	103.0	35.1%	15.5%	103.2	2.4%	101.2	-4.2%	-1.9%
	2015	559,062	2.6%	551,184	1.0%	-1.4%	101.8	14.2%	74.0	-28.2%	-27.3%	103.4	0.2%	96.2	-5.0%	-7.0%
	2016	583,151	4.3%	574,181	4.2%	-1.5%	96.1	-5.6%	87.5	18.2%	-9.0%	109.8	6.2%	106.1	10.3%	-3.4%
	2017	569,635	-2.3%	561,803	-2.2%	-1.4%	85.4	-11.1%	80.0	-8.6%	-6.4%	111.8	1.8%	115.7	9.0%	3.5%
	2018	572,718	0.5%	569,778	1.4%	-0.5%	92.9	8.8%	82.3	2.9%	-11.5%	111.2	-0.6%	116.7	0.9%	5.0%
	2019	578,050	0.9%	570,407	0.1%	-1.3%	92.1	-0.8%	102.8	24.9%	11.5%	110.1	-0.9%	107.5	-7.9%	-2.4%
	2020	588,692	1.8%	581,926	2.0%	-1.1%	92.0	-0.2%	99.5	-3.2%	8.1%	114.4	3.9%	110.8	3.1%	-3.1%
Projected	2021	604,826	2.7%	604,826	3.9%		92.8	0.9%	92.8	-6.7%		114.3	-0.1%	114.3	3.2%	
	2022			614,911	1.7%				95.2	2.5%				115.9	1.4%	
	2023			618,255	0.5%				96.1	0.9%				116.0	0.1%	
	2024			620,316	0.3%				96.2	0.1%				116.1	0.1%	
	2025			619,922	-0.1%				96.3	0.1%				116.4	0.2%	
	2026			621,504	0.3%				96.5	0.2%				116.7	0.3%	
	2027			624,224	0.4%				96.8	0.4%				117.3	0.5%	
	2028			630,325	1.0%				97.6	0.7%				118.3	0.8%	
	2029			633,527	0.5%				98.2	0.7%				119.2	0.8%	
	2030			638,158	0.7%				98.9	0.7%				120.1	0.8%	
	2031			643,088	0.8%				99.7	0.8%				121.1	0.8%	
	2032			649,990	1.1%				100.5	0.9%				122.1	0.9%	
	2033			654,223	0.7%				101.3	0.8%				123.3	1.0%	
	2034			660,227	0.9%				102.2	0.9%				124.5	0.9%	
	2035			666,297	0.9%				103.1	0.9%				125.7	1.0%	
	2036			673,786	1.1%				104.2	1.0%				126.7	0.8%	
	2037			676,853	0.5%				104.8	0.6%				127.7	0.8%	
	2038			681,524	0.7%				105.5	0.7%				128.6	0.7%	
	2039			686,048	0.7%				106.2	0.6%				129.5	0.7%	
	2040			692,860	1.0%				107.1	0.8%				130.5	0.8%	
CAGR [3]	2011-2020		0.7%		0.6%			-2.4%		0.0%			1.6%		0.5%	
	2021-2030				0.6%					0.7%					0.6%	
	2031-2040				0.8%					0.8%					0.8%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Ft. Pierce

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	552,427	-	552,427	-	114.8	104.3	114.8	104.3	114.8	99.6	114.8	99.6
	2012	537,115	-2.8%	537,115	-2.8%	97.0	103.3	97.0	103.3	97.0	97.0	97.0	97.0
	2013	532,037	-0.9%	532,037	-0.9%	86.7	103.7	86.7	103.7	86.7	100.9	86.7	100.9
	2014	544,750	2.4%	544,750	2.4%	89.2	105.5	89.2	105.5	89.2	103.2	89.2	103.2
	2015	559,062	2.6%	559,062	2.6%	101.8	107.2	101.8	107.2	101.8	103.4	101.8	103.4
	2016	583,151	4.3%	583,151	4.3%	97.7	111.7	97.7	111.7	96.1	109.8	96.1	109.8
	2017	569,635	-2.3%	569,635	-2.3%	88.5	111.8	88.5	111.8	85.4	111.8	85.4	111.8
	2018	572,718	0.5%	572,718	0.5%	101.0	111.6	101.0	111.6	92.9	111.2	92.9	111.2
	2019	578,050	0.9%	578,050	0.9%	93.9	112.6	93.9	112.6	92.1	110.1	92.1	110.1
	2020	588,692	1.8%	594,859	2.9%	96.5	116.4	100.0	114.3	92.0	114.4	93.0	111.5
Projected	2021	604,826	2.7%	602,983	1.4%	99.9	117.0	102.0	115.9	92.8	114.3	95.0	113.1
	2022	614,911	1.7%	607,935	0.8%	102.5	118.6	103.0	116.7	95.2	115.9	95.9	113.9
	2023	618,255	0.5%	612,571	0.8%	103.4	118.8	103.9	117.6	96.1	116.0	96.7	114.7
	2024	620,316	0.3%	617,774	0.8%	103.6	118.9	104.6	118.3	96.2	116.1	97.3	115.5
	2025	619,922	-0.1%	620,310	0.4%	103.6	119.1	105.1	119.2	96.3	116.4	97.9	116.3
	2026	621,504	0.3%	624,502	0.7%	103.9	119.5	105.9	120.0	96.5	116.7	98.5	117.1
	2027	624,224	0.4%	628,304	0.6%	104.2	120.1	106.5	120.7	96.8	117.3	99.1	117.8
	2028	630,325	1.0%	633,675	0.9%	105.0	121.1	107.2	121.5	97.6	118.3	99.8	118.5
	2029	633,527	0.5%	635,422	0.3%	105.8	122.0	107.7	122.1	98.2	119.2	100.3	119.2
	2030	638,158	0.7%	638,549	0.5%	106.5	123.0	108.2	122.8	98.9	120.1	100.7	119.8
	2031	643,088	0.8%	642,632	0.6%	107.3	124.0	108.9	123.6	99.7	121.1	101.3	120.7
	2032	649,990	1.1%	648,947	1.0%	108.2	125.0	109.7	124.6	100.5	122.1	102.1	121.6
	2033	654,223	0.7%	652,038	0.5%	109.1	126.3	110.4	125.5	101.3	123.3	102.8	122.5
	2034	660,227	0.9%	656,591	0.7%	110.1	127.4	111.2	126.4	102.2	124.5	103.5	123.4
	2035	666,297	0.9%	661,282	0.7%	111.0	128.7	111.9	127.4	103.1	125.7	104.2	124.3
	2036	673,786	1.1%	667,385	0.9%	112.2	129.7	112.9	128.2	104.2	126.7	105.0	125.1
	2037	676,853	0.5%	669,055	0.3%	112.8	130.7	113.3	128.9	104.8	127.7	105.4	125.7
	2038	681,524	0.7%	672,532	0.5%	113.6	131.6	113.9	129.5	105.5	128.6	106.0	126.4
	2039	686,048	0.7%	675,873	0.5%	114.3	132.6	114.4	130.2	106.2	129.5	106.5	127.1
	2040	692,860	1.0%			115.3	133.6			107.1	130.5		
CAGR[1]	Historical		0.7%		0.6%	-1.9%	1.2%	-2.5%	1.0%	-0.7%	2.1%	-0.7%	1.8%
	1st 10 Prj Yrs		0.6%		0.7%	0.7%	0.6%	0.8%	0.7%	0.7%	0.6%	0.8%	0.7%
	2nd 10 Prj Yrs		0.8%		0.6%	0.8%	0.8%	0.6%	0.7%	0.8%	0.8%	0.6%	0.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Ft. Pierce

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	552,427	-	549,115	-	-0.6%	114.8	-	99.4	-	-13.4%	99.6	-	106.1		6.5%
	2012	537,115	-2.8%	544,172	-0.9%	1.3%	97.0	-15.5%	96.0	-3.4%	-1.1%	97.0	-2.6%	108.8	2.6%	12.3%
	2013	532,037	-0.9%	538,194	-1.1%	1.2%	86.7	-10.7%	76.2	-20.6%	-12.1%	100.9	4.0%	105.6	-2.9%	4.7%
	2014	544,750	2.4%	545,638	1.4%	0.2%	89.2	2.9%	103.0	35.1%	15.5%	103.2	2.4%	101.2	-4.2%	-1.9%
	2015	559,062	2.6%	551,184	1.0%	-1.4%	101.8	14.2%	74.0	-28.2%	-27.3%	103.4	0.2%	96.2	-5.0%	-7.0%
	2016	583,151	4.3%	574,181	4.2%	-1.5%	96.1	-5.6%	87.5	18.2%	-9.0%	109.8	6.2%	106.1	10.3%	-3.4%
	2017	569,635	-2.3%	561,803	-2.2%	-1.4%	85.4	-11.1%	80.0	-8.6%	-6.4%	111.8	1.8%	115.7	9.0%	3.5%
	2018	572,718	0.5%	569,778	1.4%	-0.5%	92.9	8.8%	82.3	2.9%	-11.5%	111.2	-0.6%	116.7	0.9%	5.0%
	2019	578,050	0.9%	570,407	0.1%	-1.3%	92.1	-0.8%	102.8	24.9%	11.5%	110.1	-0.9%	107.5	-7.9%	-2.4%
	2020	588,692	1.8%	578,642	1.4%	-1.7%	92.0	-0.2%	99.5	-3.2%	8.1%	114.4	3.9%	110.8	3.1%	-3.1%
Projected	2021	604,475	2.7%	604,475	4.5%		92.8	0.9%	92.8	-6.7%		114.2	-0.1%	114.2	3.1%	
	2022			614,451	1.7%				95.2	2.5%				115.8	1.3%	
	2023			617,686	0.5%				96.1	0.9%				115.9	0.1%	
	2024			619,622	0.3%				96.2	0.1%				115.9	0.1%	
	2025			619,092	-0.1%				96.3	0.1%				116.2	0.2%	
	2026			620,483	0.2%				96.5	0.2%				116.4	0.2%	
	2027			622,994	0.4%				96.8	0.4%				117.0	0.5%	
	2028			628,871	0.9%				97.6	0.7%				117.9	0.8%	
	2029			631,842	0.5%				98.2	0.7%				118.8	0.7%	
	2030			636,228	0.7%				98.9	0.7%				119.7	0.7%	
	2031			641,000	0.7%				99.7	0.8%				120.6	0.8%	
	2032			647,735	1.1%				100.5	0.9%				121.6	0.9%	
	2033			651,805	0.6%				101.3	0.8%				122.7	0.9%	
	2034			657,643	0.9%				102.2	0.9%				123.9	0.9%	
	2035			663,550	0.9%				103.1	0.9%				125.0	0.9%	
	2036			670,851	1.1%				104.2	1.0%				126.0	0.8%	
	2037			673,721	0.4%				104.8	0.6%				126.9	0.7%	
	2038			678,184	0.7%				105.5	0.7%				127.8	0.7%	
	2039			682,485	0.6%				106.2	0.6%				128.6	0.7%	
	2040			689,068	1.0%				107.1	0.8%				129.6	0.7%	
CAGR [3]	2011-2020		0.7%		0.6%			-2.4%		0.0%			1.6%		0.5%	
	2021-2030				0.6%					0.7%					0.5%	
	2031-2040				0.8%					0.8%					0.8%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Ft. Pierce

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	552,427	-	549,115	-	-0.6%	114.8	-	54.9%	104.3	-	60.5%
	2012	537,115	-2.8%	544,172	-0.9%	1.3%	97.0	-15.5%	63.2%	103.3	-0.9%	59.3%
	2013	532,037	-0.9%	538,194	-1.1%	1.2%	86.7	-10.7%	70.1%	103.7	0.4%	58.6%
	2014	544,750	2.4%	545,638	1.4%	0.2%	89.2	2.9%	69.7%	105.5	1.8%	58.9%
	2015	559,062	2.6%	551,184	1.0%	-1.4%	101.8	14.2%	62.7%	107.2	1.6%	59.6%
	2016	583,151	4.3%	574,181	4.2%	-1.5%	97.7	-4.1%	68.2%	111.7	4.3%	59.6%
	2017	569,635	-2.3%	561,803	-2.2%	-1.4%	88.5	-9.4%	73.5%	111.8	0.1%	58.1%
	2018	572,718	0.5%	569,778	1.4%	-0.5%	101.0	14.1%	64.8%	111.6	-0.3%	58.6%
	2019	578,050	0.9%	570,407	0.1%	-1.3%	93.9	-7.0%	70.3%	112.6	1.0%	58.6%
	2020	588,692	1.8%	581,926	2.0%	-1.1%	96.5	2.8%	69.6%	116.4	3.4%	57.7%
Projected	2021	604,475	2.7%	604,475	3.9%		99.9	3.5%	69.0%	116.9	0.4%	59.0%
	2022	614,451	1.7%	614,451	1.7%		102.5	2.5%	68.5%	118.5	1.3%	59.2%
	2023	617,686	0.5%	617,686	0.5%		103.4	0.9%	68.2%	118.6	0.1%	59.4%
	2024	619,622	0.3%	619,622	0.3%		103.6	0.1%	68.3%	118.7	0.1%	59.6%
	2025	619,092	-0.1%	619,092	-0.1%		103.6	0.1%	68.2%	118.9	0.2%	59.4%
	2026	620,483	0.2%	620,483	0.2%		103.9	0.2%	68.2%	119.2	0.2%	59.4%
	2027	622,994	0.4%	622,994	0.4%		104.2	0.4%	68.2%	119.8	0.5%	59.4%
	2028	628,871	0.9%	628,871	0.9%		105.0	0.7%	68.4%	120.7	0.8%	59.5%
	2029	631,842	0.5%	631,842	0.5%		105.8	0.7%	68.2%	121.6	0.7%	59.3%
	2030	636,228	0.7%	636,228	0.7%		106.5	0.7%	68.2%	122.5	0.7%	59.3%
	2031	641,000	0.7%	641,000	0.7%		107.3	0.8%	68.2%	123.5	0.8%	59.3%
	2032	647,735	1.1%	647,735	1.1%		108.2	0.9%	68.3%	124.5	0.9%	59.4%
	2033	651,805	0.6%	651,805	0.6%		109.1	0.8%	68.2%	125.7	0.9%	59.2%
	2034	657,643	0.9%	657,643	0.9%		110.1	0.9%	68.2%	126.8	0.9%	59.2%
	2035	663,550	0.9%	663,550	0.9%		111.0	0.9%	68.2%	128.0	0.9%	59.2%
	2036	670,851	1.1%	670,851	1.1%		112.2	1.0%	68.3%	129.0	0.8%	59.3%
	2037	673,721	0.4%	673,721	0.4%		112.8	0.6%	68.2%	130.0	0.7%	59.2%
	2038	678,184	0.7%	678,184	0.7%		113.6	0.7%	68.1%	130.8	0.7%	59.2%
	2039	682,485	0.6%	682,485	0.6%		114.3	0.6%	68.1%	131.7	0.7%	59.1%
	2040	689,068	1.0%	689,068	1.0%		115.3	0.8%	68.3%	132.7	0.7%	59.3%
CAGR [1]	2011-2020		0.7%		0.6%			-1.9%	66.7%		1.2%	59.0%
	2021-2030		0.6%		0.6%			0.7%	68.3%		0.5%	59.3%
	2031-2040		0.8%		0.8%			0.8%	68.2%		0.8%	59.2%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Ft. Pierce

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	39,989	35,444	39,789	44,186	48,823	51,723	55,193	55,783	50,915	43,756	39,505	38,611	543,717	552,427
	2012	40,289	37,959	42,245	41,208	48,485	48,630	53,967	53,597	48,864	46,590	36,378	38,798	537,009	537,115
	2013	38,862	36,703	39,531	43,013	45,811	50,571	50,494	55,584	49,703	47,956	40,594	39,269	538,090	532,037
	2014	41,266	36,491	39,550	42,999	49,051	49,104	52,521	56,213	49,737	46,418	37,633	39,506	540,489	544,750
	2015	39,271	36,281	43,675	47,356	51,177	54,226	55,367	55,498	52,653	48,565	46,117	43,886	574,073	559,062
	2016	40,643	38,560	43,189	43,820	49,515	54,253	61,309	59,072	54,220	48,041	39,816	42,331	574,770	583,151
	2017	41,027	36,811	41,794	45,276	52,452	52,155	58,048	59,507	52,377	50,982	41,334	41,290	573,055	569,635
	2018	43,109	39,736	40,177	43,551	47,273	52,662	57,741	58,485	56,377	53,557	43,271	40,240	576,179	572,718
	2019	40,509	38,311	41,264	45,160	52,488	54,795	57,839	56,736	53,881	53,807	40,981	39,938	575,707	578,050
	2020	40,859	39,783	46,452	44,840	49,227	55,498	59,308	60,912	57,087	54,111	43,189	42,043	593,309	588,692
Projected	2021	45,200	42,189	45,149	46,087	51,928	55,399	60,514	62,493	56,173	54,018	44,323	43,112	606,585	604,475
	2022	46,367	43,205	46,099	46,877	52,710	56,220	61,344	63,225	56,950	54,723	44,900	43,640	616,263	614,451
	2023	46,782	43,483	46,333	47,053	52,805	56,281	61,356	63,271	57,060	54,751	44,923	43,657	617,753	617,686
	2024	46,797	45,098	46,340	47,101	52,841	56,286	61,421	63,318	57,089	54,841	44,991	43,724	619,847	619,622
	2025	46,867	43,554	46,419	47,184	52,936	56,388	61,538	63,444	57,206	54,952	45,082	43,819	619,390	619,092
	2026	46,972	43,651	46,508	47,278	53,048	56,515	61,688	63,609	57,360	55,106	45,204	43,950	620,888	620,483
	2027	47,133	43,811	46,671	47,459	53,270	56,773	61,995	63,947	57,677	55,415	45,454	44,208	623,812	622,994
	2028	47,434	45,738	46,964	47,772	53,640	57,188	62,472	64,452	58,135	55,851	45,795	44,543	629,983	628,871
	2029	47,803	44,438	47,290	48,106	54,019	57,599	62,927	64,922	58,549	56,235	46,087	44,829	632,803	631,842
	2030	48,127	44,740	47,588	48,419	54,383	58,006	63,395	65,418	59,000	56,670	46,426	45,161	637,335	636,228
Projected	2031	48,499	45,081	47,918	48,761	54,773	58,439	63,883	65,931	59,458	57,096	46,757	45,483	642,079	641,000
	2032	48,868	47,114	48,261	49,122	55,197	58,916	64,428	66,509	59,985	57,593	47,147	45,867	649,005	647,735
	2033	49,301	45,831	48,663	49,542	55,681	59,453	65,034	67,141	60,552	58,126	47,560	46,266	653,149	651,805
	2034	49,748	46,243	49,070	49,963	56,163	59,986	65,633	67,770	61,116	58,652	47,968	46,661	658,973	657,643
	2035	50,193	46,656	49,479	50,389	56,654	60,530	66,250	68,419	61,700	59,198	48,392	47,073	664,932	663,550
	2036	50,648	48,815	49,874	50,790	57,105	61,020	66,789	68,968	62,178	59,632	48,716	47,380	671,914	670,851
	2037	50,994	47,389	50,188	51,118	57,484	61,443	67,270	69,475	62,635	60,058	49,043	47,700	674,796	673,721
	2038	51,352	47,714	50,496	51,435	57,845	61,841	67,716	69,939	63,044	60,433	49,325	47,973	679,114	678,184
	2039	51,667	48,010	50,781	51,737	58,201	62,244	68,182	70,436	63,495	60,858	49,652	48,295	683,558	682,485
	2040	52,035	50,144	51,105	52,076	58,594	62,686	68,686	70,967	63,971	61,299	49,987	48,622	690,171	689,068

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	7.4%	6.5%	7.3%	8.1%	9.0%	9.5%	10.2%	10.3%	9.4%	8.0%	7.3%	7.1%	100.0%
	2012	7.5%	7.1%	7.9%	7.7%	9.0%	9.1%	10.0%	10.0%	9.1%	8.7%	6.8%	7.2%	100.0%
	2013	7.2%	6.8%	7.3%	8.0%	8.5%	9.4%	9.4%	10.3%	9.2%	8.9%	7.5%	7.3%	100.0%
	2014	7.6%	6.8%	7.3%	8.0%	9.1%	9.1%	9.7%	10.4%	9.2%	8.6%	7.0%	7.3%	100.0%
	2015	6.8%	6.3%	7.6%	8.2%	8.9%	9.4%	9.6%	9.7%	9.2%	8.5%	8.0%	7.6%	100.0%
	2016	7.1%	6.7%	7.5%	7.6%	8.6%	9.4%	10.7%	10.3%	9.4%	8.4%	6.9%	7.4%	100.0%
	2017	7.2%	6.4%	7.3%	7.9%	9.2%	9.1%	10.1%	10.4%	9.1%	8.9%	7.2%	7.2%	100.0%
	2018	7.5%	6.9%	7.0%	7.6%	8.2%	9.1%	10.0%	10.2%	9.8%	9.3%	7.5%	7.0%	100.0%
	2019	7.0%	6.7%	7.2%	7.8%	9.1%	9.5%	10.0%	9.9%	9.4%	9.3%	7.1%	6.9%	100.0%
	2020	6.9%	6.7%	7.8%	7.6%	8.3%	9.4%	10.0%	10.3%	9.6%	9.1%	7.3%	7.1%	100.0%
Projected	2021	7.5%	7.0%	7.4%	7.6%	8.6%	9.1%	10.0%	10.3%	9.3%	8.9%	7.3%	7.1%	100.0%
	2022	7.5%	7.0%	7.5%	7.6%	8.6%	9.1%	10.0%	10.3%	9.2%	8.9%	7.3%	7.1%	100.0%
	2023	7.6%	7.0%	7.5%	7.6%	8.5%	9.1%	9.9%	10.2%	9.2%	8.9%	7.3%	7.1%	100.0%
	2024	7.5%	7.3%	7.5%	7.6%	8.5%	9.1%	9.9%	10.2%	9.2%	8.8%	7.3%	7.1%	100.0%
	2025	7.6%	7.0%	7.5%	7.6%	8.5%	9.1%	9.9%	10.2%	9.2%	8.9%	7.3%	7.1%	100.0%
	2026	7.6%	7.0%	7.5%	7.6%	8.5%	9.1%	9.9%	10.2%	9.2%	8.9%	7.3%	7.1%	100.0%
	2027	7.6%	7.0%	7.5%	7.6%	8.5%	9.1%	9.9%	10.3%	9.2%	8.9%	7.3%	7.1%	100.0%
	2028	7.5%	7.3%	7.5%	7.6%	8.5%	9.1%	9.9%	10.2%	9.2%	8.9%	7.3%	7.1%	100.0%
	2029	7.6%	7.0%	7.5%	7.6%	8.5%	9.1%	9.9%	10.3%	9.3%	8.9%	7.3%	7.1%	100.0%
	2030	7.6%	7.0%	7.5%	7.6%	8.5%	9.1%	9.9%	10.3%	9.3%	8.9%	7.3%	7.1%	100.0%
Avg.	2011-2020	7.2%	6.7%	7.4%	7.8%	8.8%	9.3%	10.0%	10.2%	9.3%	8.8%	7.3%	7.2%	100.0%
	2021-2030	7.5%	7.1%	7.5%	7.6%	8.5%	9.1%	9.9%	10.3%	9.2%	8.9%	7.3%	7.1%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - High Economic Case

Ft. Pierce

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	98.9	72.2	83.0	92.9	95.1	104.3	103.8	104.2	99.9	91.5	83.5	68.0	114.8	104.3
	2012	97.0	86.8	77.2	89.1	99.0	97.9	101.6	103.3	95.2	97.2	68.5	75.3	97.0	103.3
	2013	71.6	82.8	86.7	85.2	89.7	100.8	99.9	103.7	101.2	96.0	84.4	76.3	86.7	103.7
	2014	89.2	76.1	74.0	91.8	93.6	99.0	103.9	105.5	101.1	95.6	84.9	72.0	89.2	105.5
	2015	72.1	101.8	85.2	100.3	99.7	104.9	106.2	107.2	106.4	95.8	97.7	84.4	101.8	107.2
	2016	87.6	94.0	90.2	92.2	101.2	107.8	111.7	110.3	104.5	99.0	84.3	86.7	97.7	111.7
	2017	83.2	79.2	88.5	96.6	106.1	105.1	108.4	111.8	109.0	101.1	85.8	81.9	88.5	111.8
	2018	101.0	83.3	87.9	91.9	91.0	108.2	111.6	111.2	108.6	103.3	93.9	88.4	101.0	111.6
	2019	80.3	87.8	85.5	92.4	103.7	111.9	112.0	110.6	112.6	101.5	96.5	80.2	93.9	112.6
	2020	91.0	88.9	96.0	103.6	102.6	115.2	114.7	115.3	116.4	103.9	95.4	85.2	96.5	116.4
Projected	2021	99.9	89.2	90.8	100.9	107.8	112.4	115.4	116.9	114.0	104.4	95.9	87.3	99.9	116.9
	2022	102.5	91.5	92.1	102.2	109.3	113.9	116.9	118.5	115.5	105.8	97.2	88.2	102.5	118.5
	2023	103.4	92.3	92.2	102.3	109.4	114.0	117.0	118.6	115.6	105.9	97.3	88.3	103.4	118.6
	2024	103.6	92.4	92.2	102.4	109.5	114.1	117.1	118.7	115.7	106.0	97.4	88.3	103.6	118.7
	2025	103.6	92.5	92.4	102.6	109.7	114.3	117.3	118.9	115.9	106.2	97.6	88.5	103.6	118.9
	2026	103.9	92.7	92.7	102.9	110.0	114.6	117.6	119.2	116.2	106.5	97.9	88.9	103.9	119.2
	2027	104.2	93.1	93.2	103.4	110.5	115.2	118.2	119.8	116.8	107.1	98.4	89.5	104.2	119.8
	2028	105.0	93.7	94.0	104.2	111.4	116.0	119.1	120.7	117.7	107.9	99.2	90.1	105.0	120.7
	2029	105.8	94.4	94.7	105.0	112.2	116.9	120.0	121.6	118.5	108.7	100.0	90.8	105.8	121.6
	2030	106.5	95.0	95.4	105.8	113.1	117.7	120.9	122.5	119.4	109.5	100.7	91.5	106.5	122.5
Projected	2031	107.3	95.8	96.2	106.6	114.0	118.6	121.8	123.5	120.3	110.4	101.5	92.3	107.3	123.5
	2032	108.2	96.6	97.0	107.6	115.0	119.7	122.8	124.5	121.3	111.3	102.4	93.0	108.2	124.5
	2033	109.1	97.4	98.0	108.6	116.1	120.8	124.0	125.7	122.5	112.4	103.4	93.8	109.1	125.7
	2034	110.1	98.2	98.9	109.6	117.1	121.9	125.1	126.8	123.6	113.5	104.4	94.7	110.1	126.8
	2035	111.0	99.1	99.9	110.6	118.3	123.0	126.3	128.0	124.7	114.5	105.4	95.6	111.0	128.0
	2036	112.2	100.1	100.7	111.5	119.2	124.0	127.3	129.0	125.7	115.5	106.3	96.2	112.2	129.0
	2037	112.8	100.7	101.4	112.3	120.1	124.9	128.2	130.0	126.6	116.3	107.1	96.9	112.8	130.0
	2038	113.6	101.4	102.1	113.1	120.9	125.7	129.1	130.8	127.5	117.1	107.8	97.5	113.6	130.8
	2039	114.3	102.1	102.9	113.9	121.7	126.6	130.0	131.7	128.3	117.9	108.6	98.2	114.3	131.7
	2040	115.3	102.9	103.7	114.7	122.7	127.5	130.9	132.7	129.3	118.8	109.4	98.8	115.3	132.7

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	54.4%	73.1%	64.5%	66.0%	69.0%	68.9%	71.5%	72.0%	70.8%	64.3%	65.7%	76.3%	54.1%	60.5%
	2012	55.8%	62.8%	73.5%	64.2%	65.8%	69.0%	71.4%	69.7%	71.3%	64.4%	73.7%	69.3%	63.2%	59.3%
	2013	73.0%	66.0%	61.3%	70.1%	68.7%	69.7%	67.9%	72.1%	68.2%	67.1%	66.8%	69.2%	70.9%	58.6%
	2014	62.2%	71.4%	71.8%	65.0%	70.4%	68.9%	68.0%	71.6%	68.3%	65.2%	61.6%	73.7%	69.2%	58.9%
	2015	73.2%	53.0%	68.9%	65.6%	69.0%	71.8%	70.1%	69.6%	68.7%	68.1%	65.6%	69.9%	64.4%	59.6%
	2016	62.4%	58.9%	64.4%	66.0%	65.8%	69.9%	73.7%	72.0%	72.1%	65.2%	65.6%	65.6%	67.2%	59.6%
	2017	66.3%	69.2%	63.5%	65.1%	66.5%	68.9%	72.0%	71.5%	66.8%	67.8%	66.9%	67.8%	73.9%	58.1%
	2018	57.4%	71.0%	61.5%	65.8%	69.8%	67.6%	69.6%	70.7%	72.1%	69.7%	64.0%	61.2%	65.1%	58.6%
	2019	67.8%	64.9%	64.8%	67.9%	68.0%	68.0%	69.4%	68.9%	66.4%	71.3%	59.0%	66.9%	70.0%	58.6%
	2020	60.3%	64.3%	65.0%	60.1%	64.5%	66.9%	69.5%	71.0%	68.1%	70.0%	62.9%	66.3%	70.2%	57.7%
Projected	2021	60.8%	70.4%	66.8%	63.5%	64.7%	68.5%	70.5%	71.8%	68.5%	69.5%	64.2%	66.3%	69.3%	59.0%
	2022	60.8%	70.3%	67.3%	63.7%	64.8%	68.6%	70.5%	71.7%	68.5%	69.5%	64.2%	66.5%	68.7%	59.2%
	2023	60.8%	70.1%	67.6%	63.9%	64.9%	68.6%	70.5%	71.7%	68.6%	69.5%	64.1%	66.5%	68.2%	59.4%
	2024	60.7%	70.1%	67.5%	63.9%	64.9%	68.5%	70.5%	71.7%	68.6%	69.5%	64.2%	66.5%	68.3%	59.6%
	2025	60.8%	70.1%	67.5%	63.9%	64.9%	68.5%	70.5%	71.7%	68.6%	69.5%	64.2%	66.5%	68.2%	59.4%
	2026	60.8%	70.1%	67.4%	63.8%	64.8%	68.5%	70.5%	71.7%	68.6%	69.5%	64.2%	66.5%	68.2%	59.4%
	2027	60.8%	70.1%	67.3%	63.7%	64.8%	68.5%	70.5%	71.7%	68.6%	69.6%	64.2%	66.4%	68.3%	59.4%
	2028	60.7%	70.1%	67.2%	63.7%	64.7%	68.5%	70.5%	71.7%	68.6%	69.6%	64.1%	66.4%	68.5%	59.5%
	2029	60.8%	70.1%	67.1%	63.6%	64.7%	68.5%	70.5%	71.8%	68.6%	69.5%	64.0%	66.4%	68.3%	59.3%
	2030	60.8%	70.0%	67.0%	63.6%	64.6%	68.4%	70.5%	71.8%	68.6%	69.5%	64.0%	66.4%	68.3%	59.3%
Avg.	2011-2020	63.3%	65.5%	65.9%	65.6%	67.8%	69.0%	70.3%	70.9%	69.3%	67.3%	65.2%	68.6%	66.8%	59.0%
	2021-2030	60.8%	70.1%	67.3%	63.7%	64.8%	68.5%	70.5%	71.7%	68.6%	69.5%	64.1%	66.4%	68.4%	59.3%

FMPA 2021 Load Forecast - High Economic Case

Ft. Pierce

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	98.3	72.2	69.7	88.7	88.5	98.1	100.3	99.6	99.9	88.3	81.1	65.1	114.8	99.6
	2012	97.0	86.8	76.2	89.1	89.5	91.1	97.0	100.0	86.2	92.1	68.2	66.0	97.0	97.0
	2013	55.0	80.8	86.7	85.2	89.3	98.7	89.7	100.9	98.2	89.9	82.3	66.8	86.7	100.9
	2014	89.2	68.4	67.9	89.4	92.0	95.4	102.5	103.2	95.2	95.6	55.6	72.0	89.2	103.2
	2015	60.2	101.8	82.7	87.8	99.2	103.4	101.8	99.5	102.6	95.0	96.1	81.5	101.8	103.4
	2016	87.6	94.0	84.4	88.2	96.0	104.9	109.8	107.6	102.3	93.6	78.2	80.1	96.1	109.8
	2017	66.4	77.0	85.4	94.3	105.6	100.9	106.6	111.8	109.0	99.0	81.3	78.0	85.4	111.8
	2018	92.9	82.8	85.9	86.4	84.0	105.5	103.3	111.2	107.2	100.6	92.1	73.2	92.9	111.2
	2019	79.7	87.2	85.5	91.4	100.0	110.1	101.1	108.1	108.5	99.3	96.3	77.1	92.1	110.1
	2020	89.4	88.9	92.0	93.2	98.4	114.4	110.2	115.2	113.6	101.0	87.9	79.6	92.0	114.4
Projected	2021	92.8	87.8	86.5	96.7	104.0	109.3	110.1	114.2	110.8	101.5	88.3	81.6	92.8	114.2
	2022	95.2	90.0	87.7	98.0	105.4	110.8	111.6	115.8	112.3	102.9	89.6	82.4	95.2	115.8
	2023	96.1	90.8	87.8	98.1	105.5	110.9	111.7	115.9	112.4	103.0	89.7	82.5	96.1	115.9
	2024	96.2	90.9	87.9	98.1	105.6	111.0	111.8	115.9	112.5	103.1	89.7	82.6	96.2	115.9
	2025	96.3	91.0	88.1	98.3	105.8	111.2	112.0	116.2	112.7	103.3	89.9	82.8	96.3	116.2
	2026	96.5	91.2	88.3	98.6	106.1	111.5	112.2	116.4	113.0	103.6	90.2	83.1	96.5	116.4
	2027	96.8	91.5	88.8	99.1	106.6	112.0	112.8	117.0	113.6	104.1	90.7	83.7	96.8	117.0
	2028	97.6	92.2	89.5	99.9	107.5	112.9	113.7	117.9	114.4	104.9	91.4	84.3	97.6	117.9
	2029	98.2	92.9	90.2	100.6	108.3	113.7	114.5	118.8	115.2	105.7	92.1	84.8	98.2	118.8
	2030	98.9	93.5	90.9	101.4	109.1	114.5	115.3	119.7	116.1	106.5	92.8	85.5	98.9	119.7
Projected	2031	99.7	94.2	91.7	102.2	109.9	115.4	116.2	120.6	117.0	107.3	93.6	86.2	99.7	120.6
	2032	100.5	95.0	92.5	103.1	110.9	116.4	117.2	121.6	118.0	108.3	94.4	86.9	100.5	121.6
	2033	101.3	95.8	93.4	104.0	111.9	117.5	118.3	122.7	119.1	109.3	95.3	87.7	101.3	122.7
	2034	102.2	96.6	94.2	105.0	113.0	118.6	119.4	123.9	120.2	110.3	96.2	88.5	102.2	123.9
	2035	103.1	97.5	95.2	106.0	114.1	119.7	120.5	125.0	121.3	111.3	97.1	89.4	103.1	125.0
	2036	104.2	98.5	95.9	106.8	115.0	120.6	121.5	126.0	122.3	112.2	97.9	89.9	104.2	126.0
	2037	104.8	99.1	96.7	107.6	115.8	121.5	122.3	126.9	123.1	113.1	98.7	90.5	104.8	126.9
	2038	105.5	99.8	97.3	108.3	116.6	122.3	123.1	127.8	123.9	113.8	99.4	91.1	105.5	127.8
	2039	106.2	100.4	98.0	109.1	117.4	123.1	124.0	128.6	124.8	114.6	100.1	91.8	106.2	128.6
	2040	107.1	101.2	98.8	109.9	118.3	124.0	124.9	129.6	125.7	115.5	100.9	92.3	107.1	129.6

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	99.4%	100.0%	84.0%	95.4%	93.0%	94.1%	96.7%	95.6%	100.0%	96.5%	97.2%	95.8%	100.0%	95.5%
	2012	100.0%	100.0%	98.7%	100.0%	90.4%	93.1%	95.4%	96.8%	90.5%	94.7%	99.6%	87.6%	100.0%	93.8%
	2013	76.8%	97.6%	100.0%	100.0%	99.6%	98.0%	89.8%	97.3%	97.1%	93.6%	97.5%	87.6%	100.0%	97.3%
	2014	100.0%	89.9%	91.7%	97.3%	98.3%	96.4%	98.7%	97.8%	94.2%	100.0%	65.5%	100.0%	100.0%	97.8%
	2015	83.4%	100.0%	97.0%	87.5%	99.5%	98.6%	95.9%	92.9%	96.4%	99.2%	98.4%	96.5%	100.0%	96.5%
	2016	100.0%	100.0%	93.6%	95.7%	94.9%	97.3%	98.3%	97.6%	97.9%	94.5%	92.7%	92.3%	98.4%	98.3%
	2017	79.8%	97.3%	96.6%	97.5%	99.6%	96.0%	98.3%	100.0%	100.0%	97.9%	94.8%	95.2%	96.6%	100.0%
	2018	92.0%	99.5%	97.8%	94.0%	92.3%	97.4%	92.6%	100.0%	98.7%	97.4%	98.1%	82.8%	92.0%	99.7%
	2019	99.3%	99.3%	100.0%	98.9%	96.4%	98.4%	90.3%	97.7%	96.3%	97.9%	99.8%	96.2%	98.1%	97.8%
	2020	98.2%	100.0%	95.8%	90.0%	96.0%	99.3%	96.0%	99.9%	97.6%	97.2%	92.1%	93.5%	95.3%	98.2%
Projected	2021	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2022	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2023	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2024	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2025	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2026	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2027	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2028	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2029	92.9%	98.4%	95.3%	95.8%	96.4%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2030	92.9%	98.4%	95.3%	95.8%	96.4%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2011-2020	92.9%	98.4%	95.5%	95.6%	96.0%	96.9%	95.2%	97.6%	96.9%	96.9%	93.6%	92.7%	98.0%	97.5%
	2021-2030	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%

FMPA 2021 Load Forecast - High Economic Case - Ft Pierce

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service						Res. Lights		City Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	216,942		22,733		9,543		301,655		5,018		60.1		5,989		5,860		530,446		21,981	4.0%	552,427	
	2012	204,343	-5.8%	22,785	0.2%	8,968	-6.0%	303,115	0.5%	5,016	-0.1%	60.4	0.5%	5,958	-0.5%	6,024	2.8%	519,440	-2.1%	17,675	3.3%	537,115	-2.8%
	2013	203,586	-0.4%	22,631	-0.7%	8,996	0.3%	294,790	-2.7%	4,999	-0.3%	59.0	-2.4%	5,919	-0.7%	6,071	0.8%	510,366	-1.7%	21,671	4.1%	532,037	-0.9%
	2014	212,712	4.5%	23,045	1.8%	9,230	2.6%	297,437	0.9%	5,052	1.1%	58.9	-0.2%	5,906	-0.2%	6,050	-0.3%	522,105	2.3%	22,645	4.2%	544,750	2.4%
	2015	227,451	6.9%	23,148	0.4%	9,826	6.5%	302,088	1.6%	5,073	0.4%	59.5	1.1%	5,932	0.4%	4,506	-25.5%	539,977	3.4%	19,085	3.4%	559,062	2.6%
	2016	238,720	5.0%	23,218	0.3%	10,282	4.6%	307,623	1.8%	5,082	0.2%	60.5	1.7%	6,030	1.7%	3,981	-11.7%	556,354	3.0%	26,797	4.6%	583,151	4.3%
	2017	235,521	-1.3%	23,205	-0.1%	10,150	-1.3%	308,779	0.4%	5,083	0.0%	60.7	0.4%	6,227	3.3%	3,900	-2.0%	554,427	-0.3%	15,208	2.7%	569,635	-2.3%
	2018	233,074	-1.0%	23,184	-0.1%	10,053	-1.0%	300,684	-2.6%	5,081	0.0%	59.2	-2.6%	6,227	0.0%	3,910	0.3%	543,895	-1.9%	28,823	5.0%	572,718	0.5%
	2019	246,354	5.7%	23,402	0.9%	10,527	4.7%	313,050	4.1%	5,125	0.9%	61.1	3.2%	5,979	-4.0%	4,019	2.8%	569,402	4.7%	8,648	1.5%	578,050	0.9%
	2020	252,227	2.4%	23,586	0.8%	10,694	1.6%	305,170	-2.5%	5,163	0.7%	59.1	-3.2%	5,457	-8.7%	4,020	0.0%	566,874	-0.4%	21,818	3.7%	588,692	1.8%
Projected	2021	260,440	3.3%	23,756	0.7%	10,963	2.5%	312,975	2.6%	5,194	0.6%	60.3	2.0%	5,457	0.0%	4,020	0.0%	582,891	2.8%	21,935	3.6%	604,826	2.7%
	2022	268,415	3.1%	23,983	1.0%	11,192	2.1%	315,951	1.0%	5,235	0.8%	60.4	0.2%	5,457	0.0%	4,020	0.0%	593,842	1.9%	21,069	3.4%	614,911	1.7%
	2023	270,438	0.8%	24,183	0.8%	11,183	-0.1%	317,234	0.4%	5,263	0.5%	60.3	-0.1%	5,457	0.0%	4,020	0.0%	597,149	0.6%	21,107	3.4%	618,255	0.5%
	2024	268,927	-0.6%	24,367	0.8%	11,037	-1.3%	319,172	0.6%	5,287	0.5%	60.4	0.1%	5,457	0.0%	4,020	0.0%	597,576	0.1%	22,740	3.7%	620,316	0.3%
	2025	269,066	0.1%	24,539	0.7%	10,965	-0.7%	320,212	0.3%	5,309	0.4%	60.3	-0.1%	5,457	0.0%	4,020	0.0%	598,755	0.2%	21,167	3.4%	619,922	-0.1%
	2026	270,277	0.5%	24,702	0.7%	10,942	-0.2%	320,529	0.1%	5,329	0.4%	60.1	-0.3%	5,457	0.0%	4,020	0.0%	600,283	0.3%	21,220	3.4%	621,504	0.3%
	2027	272,498	0.8%	24,854	0.6%	10,964	0.2%	320,930	0.1%	5,347	0.3%	60.0	-0.2%	5,457	0.0%	4,020	0.0%	602,905	0.4%	21,319	3.4%	624,224	0.4%
	2028	275,887	1.2%	25,001	0.6%	11,035	0.6%	321,843	0.3%	5,364	0.3%	60.0	0.0%	5,457	0.0%	4,020	0.0%	607,207	0.7%	23,118	3.7%	630,325	1.0%
	2029	279,632	1.4%	25,144	0.6%	11,121	0.8%	322,779	0.3%	5,380	0.3%	60.0	0.0%	5,457	0.0%	4,020	0.0%	611,888	0.8%	21,640	3.4%	633,527	0.5%
	2030	283,384	1.3%	25,282	0.5%	11,209	0.8%	323,501	0.2%	5,394	0.3%	60.0	-0.1%	5,457	0.0%	4,020	0.0%	616,361	0.7%	21,797	3.4%	638,158	0.7%
	2031	287,602	1.5%	25,413	0.5%	11,317	1.0%	324,048	0.2%	5,408	0.3%	59.9	-0.1%	5,457	0.0%	4,020	0.0%	621,127	0.8%	21,962	3.4%	643,088	0.8%
	2032	291,986	1.5%	25,536	0.5%	11,434	1.0%	324,698	0.2%	5,421	0.2%	59.9	0.0%	5,457	0.0%	4,020	0.0%	626,160	0.8%	23,830	3.7%	649,990	1.1%
	2033	296,785	1.6%	25,655	0.5%	11,568	1.2%	325,618	0.3%	5,433	0.2%	59.9	0.1%	5,457	0.0%	4,020	0.0%	631,881	0.9%	22,343	3.4%	654,223	0.7%
	2034	301,638	1.6%	25,772	0.5%	11,704	1.2%	326,569	0.3%	5,444	0.2%	60.0	0.1%	5,457	0.0%	4,020	0.0%	637,683	0.9%	22,544	3.4%	660,227	0.9%
	2035	306,632	1.7%	25,887	0.4%	11,845	1.2%	327,439	0.3%	5,455	0.2%	60.0	0.1%	5,457	0.0%	4,020	0.0%	643,548	0.9%	22,749	3.4%	666,297	0.9%
	2036	311,411	1.6%	25,999	0.4%	11,978	1.1%	328,209	0.2%	5,465	0.2%	60.1	0.0%	5,457	0.0%	4,020	0.0%	649,096	0.9%	24,690	3.7%	673,786	1.1%
	2037	315,530	1.3%	26,106	0.4%	12,086	0.9%	328,747	0.2%	5,474	0.2%	60.1	0.0%	5,457	0.0%	4,020	0.0%	653,754	0.7%	23,099	3.4%	676,853	0.5%
	2038	319,755	1.3%	26,213	0.4%	12,198	0.9%	329,039	0.1%	5,484	0.2%	60.0	-0.1%	5,457	0.0%	4,020	0.0%	658,271	0.7%	23,253	3.4%	681,524	0.7%
	2039	323,952	1.3%	26,318	0.4%	12,309	0.9%	329,213	0.1%	5,492	0.2%	59.9	-0.1%	5,457	0.0%	4,020	0.0%	662,642	0.7%	23,407	3.4%	686,048	0.7%
	2040	328,682	1.5%	26,424	0.4%	12,439	1.1%	329,325	0.0%	5,501	0.2%	59.9	-0.1%	5,457	0.0%	4,020	0.0%	667,484	0.7%	25,376	3.7%	692,860	1.0%
CAGR	2011-2020		1.7%		0.4%		1.3%		0.1%		0.3%		-0.2%		-1.0%		-4.1%		0.7%		3.6%		0.7%
	2021-2030		0.9%		0.7%		0.2%		0.4%		0.4%		-0.1%		0.0%		0.0%		0.6%		3.5%		0.6%
	2031-2040		1.5%		0.4%		1.1%		0.2%		0.2%		0.0%		0.0%		0.0%		0.8%		3.5%		0.8%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - Mild Weather Case

Ft. Pierce

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	552,427	-	549,115	-	-0.6%	114.8	-	99.4	-	-13.4%	99.6	-	106.1		6.5%
	2012	537,115	-2.8%	544,172	-0.9%	1.3%	97.0	-15.5%	96.0	-3.4%	-1.1%	97.0	-2.6%	108.8	2.6%	12.3%
	2013	532,037	-0.9%	538,194	-1.1%	1.2%	86.7	-10.7%	76.2	-20.6%	-12.1%	100.9	4.0%	105.6	-2.9%	4.7%
	2014	544,750	2.4%	545,638	1.4%	0.2%	89.2	2.9%	103.0	35.1%	15.5%	103.2	2.4%	101.2	-4.2%	-1.9%
	2015	559,062	2.6%	551,184	1.0%	-1.4%	101.8	14.2%	74.0	-28.2%	-27.3%	103.4	0.2%	96.2	-5.0%	-7.0%
	2016	583,151	4.3%	574,181	4.2%	-1.5%	96.1	-5.6%	87.5	18.2%	-9.0%	109.8	6.2%	106.1	10.3%	-3.4%
	2017	569,635	-2.3%	561,803	-2.2%	-1.4%	85.4	-11.1%	80.0	-8.6%	-6.4%	111.8	1.8%	115.7	9.0%	3.5%
	2018	572,718	0.5%	569,778	1.4%	-0.5%	92.9	8.8%	82.3	2.9%	-11.5%	111.2	-0.6%	116.7	0.9%	5.0%
	2019	578,050	0.9%	570,407	0.1%	-1.3%	92.1	-0.8%	102.8	24.9%	11.5%	110.1	-0.9%	107.5	-7.9%	-2.4%
	2020	588,692	1.8%	581,926	2.0%	-1.1%	92.0	-0.2%	99.5	-3.2%	8.1%	114.4	3.9%	110.8	3.1%	-3.1%
Projected	2021	584,700	-0.7%	584,700	0.5%		87.5	-4.9%	87.5	-12.0%		109.3	-4.5%	109.3	-1.4%	
	2022			584,569	0.0%				88.1	0.7%				109.4	0.1%	
	2023			583,625	-0.2%				88.2	0.2%				108.9	-0.5%	
	2024			582,685	-0.2%				87.9	-0.3%				108.4	-0.4%	
	2025			580,056	-0.5%				87.7	-0.3%				108.2	-0.2%	
	2026			579,482	-0.1%				87.6	-0.1%				108.2	-0.1%	
	2027			580,169	0.1%				87.6	0.0%				108.4	0.2%	
	2028			584,062	0.7%				88.0	0.4%				109.0	0.5%	
	2029			585,524	0.3%				88.4	0.4%				109.5	0.5%	
	2030			588,330	0.5%				88.7	0.4%				110.1	0.5%	
	2031			591,452	0.5%				89.2	0.5%				110.7	0.6%	
	2032			596,362	0.8%				89.7	0.6%				111.4	0.7%	
	2033			599,010	0.4%				90.2	0.6%				112.2	0.7%	
	2034			603,248	0.7%				90.8	0.7%				113.1	0.7%	
	2035			607,569	0.7%				91.4	0.7%				113.9	0.8%	
	2036			613,134	0.9%				92.1	0.8%				114.6	0.6%	
	2037			614,882	0.3%				92.5	0.4%				115.3	0.6%	
	2038			618,011	0.5%				93.0	0.5%				115.9	0.5%	
	2039			621,022	0.5%				93.4	0.4%				116.5	0.5%	
	2040			625,995	0.8%				93.9	0.6%				117.2	0.6%	
CAGR [3]	2011-2020		0.7%		0.6%			-2.4%		0.0%			1.6%		0.5%	
	2021-2030				0.1%					0.2%					0.1%	
	2031-2040				0.6%					0.6%					0.6%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Ft. Pierce

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	552,427	-	552,427	-	114.8	104.3	114.8	104.3	114.8	99.6	114.8	99.6
	2012	537,115	-2.8%	537,115	-2.8%	97.0	103.3	97.0	103.3	97.0	97.0	97.0	97.0
	2013	532,037	-0.9%	532,037	-0.9%	86.7	103.7	86.7	103.7	86.7	100.9	86.7	100.9
	2014	544,750	2.4%	544,750	2.4%	89.2	105.5	89.2	105.5	89.2	103.2	89.2	103.2
	2015	559,062	2.6%	559,062	2.6%	101.8	107.2	101.8	107.2	101.8	103.4	101.8	103.4
	2016	583,151	4.3%	583,151	4.3%	97.7	111.7	97.7	111.7	96.1	109.8	96.1	109.8
	2017	569,635	-2.3%	569,635	-2.3%	88.5	111.8	88.5	111.8	85.4	111.8	85.4	111.8
	2018	572,718	0.5%	572,718	0.5%	101.0	111.6	101.0	111.6	92.9	111.2	92.9	111.2
	2019	578,050	0.9%	578,050	0.9%	93.9	112.6	93.9	112.6	92.1	110.1	92.1	110.1
	2020	588,692	1.8%	576,287	-0.3%	96.5	116.4	94.6	109.4	92.0	114.4	88.1	106.8
Projected	2021	584,700	-0.7%	575,436	-0.1%	95.4	111.9	95.1	109.7	87.5	109.3	88.5	107.1
	2022	584,569	0.0%	576,324	0.2%	94.8	112.0	95.3	109.9	88.1	109.4	88.7	107.2
	2023	583,625	-0.2%	577,818	0.3%	95.0	111.4	95.6	110.1	88.2	108.9	89.0	107.4
	2024	582,685	-0.2%	580,258	0.4%	94.7	111.0	95.8	110.3	87.9	108.4	89.2	107.7
	2025	580,056	-0.5%	580,548	0.0%	94.4	110.8	96.0	110.7	87.7	108.2	89.4	108.0
	2026	579,482	-0.1%	582,520	0.3%	94.3	110.7	96.3	111.1	87.6	108.2	89.7	108.4
	2027	580,169	0.1%	584,298	0.3%	94.3	111.0	96.6	111.5	87.6	108.4	89.9	108.8
	2028	584,062	0.7%	587,582	0.6%	94.7	111.6	96.9	111.8	88.0	109.0	90.2	109.1
	2029	585,524	0.3%	587,737	0.0%	95.1	112.1	97.2	112.1	88.4	109.5	90.4	109.4
	2030	588,330	0.5%	589,199	0.2%	95.5	112.7	97.3	112.5	88.7	110.1	90.6	109.7
	2031	591,452	0.5%	591,563	0.4%	96.0	113.3	97.7	113.0	89.2	110.7	90.9	110.2
	2032	596,362	0.8%	595,976	0.7%	96.6	114.1	98.2	113.6	89.7	111.4	91.4	110.8
	2033	599,010	0.4%	597,602	0.3%	97.1	114.9	98.6	114.2	90.2	112.2	91.8	111.4
	2034	603,248	0.7%	600,552	0.5%	97.8	115.7	99.1	114.8	90.8	113.1	92.2	112.0
	2035	607,569	0.7%	603,644	0.5%	98.4	116.6	99.6	115.4	91.4	113.9	92.7	112.6
	2036	613,134	0.9%	607,993	0.7%	99.2	117.4	100.2	115.9	92.1	114.6	93.2	113.1
	2037	614,882	0.3%	608,528	0.1%	99.6	118.0	100.4	116.3	92.5	115.3	93.4	113.5
	2038	618,011	0.5%	610,639	0.3%	100.1	118.6	100.8	116.7	93.0	115.9	93.8	113.8
	2039	621,022	0.5%	612,661	0.3%	100.5	119.3	101.1	117.1	93.4	116.5	94.1	114.3
	2040	625,995	0.8%			101.1	120.0			93.9	117.2		
CAGR[1]	Historical		0.7%		0.6%	-1.9%	1.2%	-2.5%	1.0%	-0.7%	2.1%	-0.7%	1.8%
	1st 10 Prj Yrs		0.1%		0.2%	0.0%	0.1%	0.3%	0.3%	0.2%	0.1%	0.3%	0.3%
	2nd 10 Prj Yrs		0.6%		0.4%	0.6%	0.6%	0.4%	0.5%	0.6%	0.6%	0.4%	0.5%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Ft. Pierce

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	552,427	-	549,115	-	-0.6%	114.8	-	99.4	-	-13.4%	99.6	-	106.1		6.5%
	2012	537,115	-2.8%	544,172	-0.9%	1.3%	97.0	-15.5%	96.0	-3.4%	-1.1%	97.0	-2.6%	108.8	2.6%	12.3%
	2013	532,037	-0.9%	538,194	-1.1%	1.2%	86.7	-10.7%	76.2	-20.6%	-12.1%	100.9	4.0%	105.6	-2.9%	4.7%
	2014	544,750	2.4%	545,638	1.4%	0.2%	89.2	2.9%	103.0	35.1%	15.5%	103.2	2.4%	101.2	-4.2%	-1.9%
	2015	559,062	2.6%	551,184	1.0%	-1.4%	101.8	14.2%	74.0	-28.2%	-27.3%	103.4	0.2%	96.2	-5.0%	-7.0%
	2016	583,151	4.3%	574,181	4.2%	-1.5%	96.1	-5.6%	87.5	18.2%	-9.0%	109.8	6.2%	106.1	10.3%	-3.4%
	2017	569,635	-2.3%	561,803	-2.2%	-1.4%	85.4	-11.1%	80.0	-8.6%	-6.4%	111.8	1.8%	115.7	9.0%	3.5%
	2018	572,718	0.5%	569,778	1.4%	-0.5%	92.9	8.8%	82.3	2.9%	-11.5%	111.2	-0.6%	116.7	0.9%	5.0%
	2019	578,050	0.9%	570,407	0.1%	-1.3%	92.1	-0.8%	102.8	24.9%	11.5%	110.1	-0.9%	107.5	-7.9%	-2.4%
	2020	588,692	1.8%	578,642	1.4%	-1.7%	92.0	-0.2%	99.5	-3.2%	8.1%	114.4	3.9%	110.8	3.1%	-3.1%
Projected	2021	584,348	-0.7%	584,348	1.0%		87.5	-4.9%	87.5	-12.0%		109.2	-4.6%	109.2	-1.5%	
	2022			584,109	0.0%				88.1	0.7%				109.3	0.1%	
	2023			583,056	-0.2%				88.2	0.2%				108.7	-0.5%	
	2024			581,991	-0.2%				87.9	-0.3%				108.3	-0.4%	
	2025			579,226	-0.5%				87.7	-0.3%				108.0	-0.2%	
	2026			578,461	-0.1%				87.6	-0.1%				107.9	-0.1%	
	2027			578,939	0.1%				87.6	0.0%				108.1	0.2%	
	2028			582,608	0.6%				88.0	0.4%				108.6	0.5%	
	2029			583,838	0.2%				88.4	0.4%				109.1	0.4%	
	2030			586,400	0.4%				88.7	0.4%				109.6	0.5%	
	2031			589,363	0.5%				89.2	0.5%				110.2	0.5%	
	2032			594,107	0.8%				89.7	0.6%				110.9	0.6%	
	2033			596,592	0.4%				90.2	0.6%				111.7	0.7%	
	2034			600,663	0.7%				90.8	0.7%				112.4	0.7%	
	2035			604,822	0.7%				91.4	0.7%				113.3	0.7%	
	2036			610,198	0.9%				92.1	0.8%				113.9	0.6%	
	2037			611,750	0.3%				92.5	0.4%				114.5	0.5%	
	2038			614,671	0.5%				93.0	0.5%				115.1	0.5%	
	2039			617,458	0.5%				93.4	0.4%				115.6	0.5%	
	2040			622,203	0.8%				93.9	0.6%				116.3	0.5%	
CAGR [3]	2011-2020		0.7%		0.6%			-2.4%		0.0%			1.6%		0.5%	
	2021-2030				0.0%					0.2%					0.0%	
	2031-2040				0.6%					0.6%					0.6%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Ft. Pierce

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	552,427	-	549,115	-	-0.6%	114.8	-	54.9%	104.3	-	60.5%
	2012	537,115	-2.8%	544,172	-0.9%	1.3%	97.0	-15.5%	63.2%	103.3	-0.9%	59.3%
	2013	532,037	-0.9%	538,194	-1.1%	1.2%	86.7	-10.7%	70.1%	103.7	0.4%	58.6%
	2014	544,750	2.4%	545,638	1.4%	0.2%	89.2	2.9%	69.7%	105.5	1.8%	58.9%
	2015	559,062	2.6%	551,184	1.0%	-1.4%	101.8	14.2%	62.7%	107.2	1.6%	59.6%
	2016	583,151	4.3%	574,181	4.2%	-1.5%	97.7	-4.1%	68.2%	111.7	4.3%	59.6%
	2017	569,635	-2.3%	561,803	-2.2%	-1.4%	88.5	-9.4%	73.5%	111.8	0.1%	58.1%
	2018	572,718	0.5%	569,778	1.4%	-0.5%	101.0	14.1%	64.8%	111.6	-0.3%	58.6%
	2019	578,050	0.9%	570,407	0.1%	-1.3%	93.9	-7.0%	70.3%	112.6	1.0%	58.6%
	2020	588,692	1.8%	578,642	1.4%	-1.7%	96.5	2.8%	69.6%	116.4	3.4%	57.7%
Projected	2021	584,348	-0.7%	584,348	1.0%		95.4	-1.2%	69.9%	111.8	-4.0%	59.7%
	2022	584,109	0.0%	584,109	0.0%		94.8	-0.6%	70.3%	111.9	0.1%	59.6%
	2023	583,056	-0.2%	583,056	-0.2%		95.0	0.2%	70.1%	111.3	-0.5%	59.8%
	2024	581,991	-0.2%	581,991	-0.2%		94.7	-0.3%	70.2%	110.8	-0.4%	59.9%
	2025	579,226	-0.5%	579,226	-0.5%		94.4	-0.3%	70.0%	110.6	-0.2%	59.8%
	2026	578,461	-0.1%	578,461	-0.1%		94.3	-0.1%	70.0%	110.5	-0.1%	59.8%
	2027	578,939	0.1%	578,939	0.1%		94.3	0.0%	70.1%	110.7	0.2%	59.7%
	2028	582,608	0.6%	582,608	0.6%		94.7	0.4%	70.2%	111.2	0.5%	59.8%
	2029	583,838	0.2%	583,838	0.2%		95.1	0.4%	70.1%	111.7	0.4%	59.7%
	2030	586,400	0.4%	586,400	0.4%		95.5	0.4%	70.1%	112.2	0.5%	59.6%
	2031	589,363	0.5%	589,363	0.5%		96.0	0.5%	70.1%	112.8	0.5%	59.6%
	2032	594,107	0.8%	594,107	0.8%		96.6	0.6%	70.2%	113.5	0.6%	59.7%
	2033	596,592	0.4%	596,592	0.4%		97.1	0.6%	70.1%	114.3	0.7%	59.6%
	2034	600,663	0.7%	600,663	0.7%		97.8	0.7%	70.1%	115.1	0.7%	59.6%
	2035	604,822	0.7%	604,822	0.7%		98.4	0.7%	70.1%	116.0	0.7%	59.5%
	2036	610,198	0.9%	610,198	0.9%		99.2	0.8%	70.2%	116.7	0.6%	59.7%
	2037	611,750	0.3%	611,750	0.3%		99.6	0.4%	70.1%	117.3	0.5%	59.5%
	2038	614,671	0.5%	614,671	0.5%		100.1	0.5%	70.1%	117.8	0.5%	59.6%
	2039	617,458	0.5%	617,458	0.5%		100.5	0.4%	70.1%	118.4	0.5%	59.5%
	2040	622,203	0.8%	622,203	0.8%		101.1	0.6%	70.2%	119.1	0.5%	59.7%
CAGR [1]	2011-2020		0.7%		0.6%			-1.9%	66.7%		1.2%	59.0%
	2021-2030		0.0%		0.0%			0.0%	70.1%		0.0%	59.7%
	2031-2040		0.6%		0.6%			0.6%	70.1%		0.6%	59.6%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Ft. Pierce

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	39,989	35,444	39,789	44,186	48,823	51,723	55,193	55,783	50,915	43,756	39,505	38,611	543,717	552,427
	2012	40,289	37,959	42,245	41,208	48,485	48,630	53,967	53,597	48,864	46,590	36,378	38,798	537,009	537,115
	2013	38,862	36,703	39,531	43,013	45,811	50,571	50,494	55,584	49,703	47,956	40,594	39,269	538,090	532,037
	2014	41,266	36,491	39,550	42,999	49,051	49,104	52,521	56,213	49,737	46,418	37,633	39,506	540,489	544,750
	2015	39,271	36,281	43,675	47,356	51,177	54,226	55,367	55,498	52,653	48,565	46,117	43,886	574,073	559,062
	2016	40,643	38,560	43,189	43,820	49,515	54,253	61,309	59,072	54,220	48,041	39,816	42,331	574,770	583,151
	2017	41,027	36,811	41,794	45,276	52,452	52,155	58,048	59,507	52,377	50,982	41,334	41,290	573,055	569,635
	2018	43,109	39,736	40,177	43,551	47,273	52,662	57,741	58,485	56,377	53,557	43,271	40,240	576,179	572,718
	2019	40,509	38,311	41,264	45,160	52,488	54,795	57,839	56,736	53,881	53,807	40,981	39,938	575,707	578,050
	2020	40,859	39,783	46,452	44,840	49,227	55,498	59,308	60,912	57,087	54,111	43,189	41,103	592,369	588,692
Projected	2021	41,991	38,888	43,568	45,786	51,502	54,035	57,659	59,261	53,256	52,091	43,550	41,357	582,943	584,348
	2022	42,279	39,132	43,787	45,884	51,549	54,104	57,713	59,252	53,412	52,266	43,749	41,551	584,677	584,109
	2023	42,338	39,097	43,710	45,752	51,305	53,810	57,358	58,927	53,193	51,995	43,533	41,363	582,380	583,056
	2024	42,163	40,380	43,524	45,577	51,093	53,556	57,143	58,691	52,973	51,844	43,411	41,262	581,617	581,991
	2025	42,067	38,852	43,433	45,477	50,983	53,437	57,021	58,570	52,870	51,748	43,339	41,206	579,004	579,226
	2026	42,011	38,802	43,369	45,413	50,915	53,368	56,954	58,511	52,824	51,715	43,316	41,199	578,398	578,461
	2027	42,016	38,817	43,389	45,449	50,972	53,442	57,051	58,630	52,944	51,845	43,429	41,322	579,306	578,939
	2028	42,152	40,399	43,539	45,624	51,184	53,678	57,318	58,914	53,205	52,104	43,639	41,524	583,279	582,608
	2029	42,354	39,134	43,727	45,828	51,415	53,920	57,577	59,179	53,436	52,325	43,811	41,689	584,396	583,838
	2030	42,524	39,293	43,896	46,020	51,641	54,167	57,854	59,474	53,707	52,599	44,033	41,899	587,106	586,400
Projected	2031	42,736	39,483	44,097	46,244	51,895	54,443	58,155	59,790	53,989	52,871	44,250	42,103	590,058	589,363
	2032	42,948	41,156	44,315	46,490	52,187	54,765	58,513	60,170	54,338	53,212	44,528	42,367	594,989	594,107
	2033	43,220	39,933	44,589	46,796	52,539	55,146	58,930	60,603	54,728	53,589	44,830	42,648	597,552	596,592
	2034	43,505	40,194	44,871	47,105	52,893	55,528	59,345	61,037	55,117	53,964	45,130	42,928	601,619	600,663
	2035	43,791	40,457	45,156	47,421	53,258	55,922	59,778	61,490	55,526	54,358	45,447	43,224	605,828	604,822
	2036	44,085	42,230	45,430	47,717	53,588	56,269	60,144	61,859	55,846	54,654	45,673	43,429	610,925	610,198
	2037	44,294	40,911	45,635	47,945	53,853	56,556	60,461	62,193	56,146	54,944	45,903	43,646	612,487	611,750
	2038	44,509	41,103	45,834	48,165	54,102	56,822	60,748	62,488	56,406	55,189	46,093	43,821	615,281	614,671
	2039	44,691	41,271	46,013	48,372	54,347	57,094	61,052	62,813	56,702	55,478	46,323	44,039	618,195	617,458
	2040	44,912	43,012	46,225	48,613	54,627	57,399	61,389	63,166	57,019	55,782	46,561	44,260	622,967	622,203

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	7.4%	6.5%	7.3%	8.1%	9.0%	9.5%	10.2%	10.3%	9.4%	8.0%	7.3%	7.1%	100.0%
	2012	7.5%	7.1%	7.9%	7.7%	9.0%	9.1%	10.0%	10.0%	9.1%	8.7%	6.8%	7.2%	100.0%
	2013	7.2%	6.8%	7.3%	8.0%	8.5%	9.4%	9.4%	10.3%	9.2%	8.9%	7.5%	7.3%	100.0%
	2014	7.6%	6.8%	7.3%	8.0%	9.1%	9.1%	9.7%	10.4%	9.2%	8.6%	7.0%	7.3%	100.0%
	2015	6.8%	6.3%	7.6%	8.2%	8.9%	9.4%	9.6%	9.7%	9.2%	8.5%	8.0%	7.6%	100.0%
	2016	7.1%	6.7%	7.5%	7.6%	8.6%	9.4%	10.7%	10.3%	9.4%	8.4%	6.9%	7.4%	100.0%
	2017	7.2%	6.4%	7.3%	7.9%	9.2%	9.1%	10.1%	10.4%	9.1%	8.9%	7.2%	7.2%	100.0%
	2018	7.5%	6.9%	7.0%	7.6%	8.2%	9.1%	10.0%	10.2%	9.8%	9.3%	7.5%	7.0%	100.0%
	2019	7.0%	6.7%	7.2%	7.8%	9.1%	9.5%	10.0%	9.9%	9.4%	9.3%	7.1%	6.9%	100.0%
	2020	6.9%	6.7%	7.8%	7.6%	8.3%	9.4%	10.0%	10.3%	9.6%	9.1%	7.3%	6.9%	100.0%
Projected	2021	7.2%	6.7%	7.5%	7.9%	8.8%	9.3%	9.9%	10.2%	9.1%	8.9%	7.5%	7.1%	100.0%
	2022	7.2%	6.7%	7.5%	7.8%	8.8%	9.3%	9.9%	10.1%	9.1%	8.9%	7.5%	7.1%	100.0%
	2023	7.3%	6.7%	7.5%	7.9%	8.8%	9.2%	9.8%	10.1%	9.1%	8.9%	7.5%	7.1%	100.0%
	2024	7.2%	6.9%	7.5%	7.8%	8.8%	9.2%	9.8%	10.1%	9.1%	8.9%	7.5%	7.1%	100.0%
	2025	7.3%	6.7%	7.5%	7.9%	8.8%	9.2%	9.8%	10.1%	9.1%	8.9%	7.5%	7.1%	100.0%
	2026	7.3%	6.7%	7.5%	7.9%	8.8%	9.2%	9.8%	10.1%	9.1%	8.9%	7.5%	7.1%	100.0%
	2027	7.3%	6.7%	7.5%	7.8%	8.8%	9.2%	9.8%	10.1%	9.1%	8.9%	7.5%	7.1%	100.0%
	2028	7.2%	6.9%	7.5%	7.8%	8.8%	9.2%	9.8%	10.1%	9.1%	8.9%	7.5%	7.1%	100.0%
	2029	7.2%	6.7%	7.5%	7.8%	8.8%	9.2%	9.9%	10.1%	9.1%	9.0%	7.5%	7.1%	100.0%
	2030	7.2%	6.7%	7.5%	7.8%	8.8%	9.2%	9.9%	10.1%	9.1%	9.0%	7.5%	7.1%	100.0%
Avg.	2011-2020	7.2%	6.7%	7.4%	7.8%	8.8%	9.3%	10.0%	10.2%	9.3%	8.8%	7.3%	7.2%	100.0%
	2021-2030	7.2%	6.7%	7.5%	7.8%	8.8%	9.2%	9.9%	10.1%	9.1%	8.9%	7.5%	7.1%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Mild Weather Case

Ft. Pierce

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	98.9	72.2	83.0	92.9	95.1	104.3	103.8	104.2	99.9	91.5	83.5	68.0	114.8	104.3
	2012	97.0	86.8	77.2	89.1	99.0	97.9	101.6	103.3	95.2	97.2	68.5	75.3	97.0	103.3
	2013	71.6	82.8	86.7	85.2	89.7	100.8	99.9	103.7	101.2	96.0	84.4	76.3	86.7	103.7
	2014	89.2	76.1	74.0	91.8	93.6	99.0	103.9	105.5	101.1	95.6	84.9	72.0	89.2	105.5
	2015	72.1	101.8	85.2	100.3	99.7	104.9	106.2	107.2	106.4	95.8	97.7	84.4	101.8	107.2
	2016	87.6	94.0	90.2	92.2	101.2	107.8	111.7	110.3	104.5	99.0	84.3	86.7	97.7	111.7
	2017	83.2	79.2	88.5	96.6	106.1	105.1	108.4	111.8	109.0	101.1	85.8	81.9	88.5	111.8
	2018	101.0	83.3	87.9	91.9	91.0	108.2	111.6	111.2	108.6	103.3	93.9	88.4	101.0	111.6
	2019	80.3	87.8	85.5	92.4	103.7	111.9	112.0	110.6	112.6	101.5	96.5	80.2	93.9	112.6
	2020	91.0	88.9	96.0	103.6	102.6	115.2	114.7	115.3	116.4	103.9	95.4	80.3	96.5	116.4
Projected	2021	94.2	84.1	86.8	96.4	103.0	107.4	110.3	111.8	108.9	99.8	91.6	80.8	95.4	111.8
	2022	94.8	84.6	86.9	96.5	103.2	107.6	110.4	111.9	109.0	99.9	91.8	81.0	94.8	111.9
	2023	95.0	84.8	86.5	96.0	102.6	107.0	109.8	111.3	108.5	99.4	91.3	80.7	95.0	111.3
	2024	94.7	84.5	86.1	95.6	102.2	106.5	109.4	110.8	108.0	99.0	90.9	80.5	94.7	110.8
	2025	94.4	84.3	86.0	95.4	102.0	106.3	109.1	110.6	107.8	98.8	90.8	80.4	94.4	110.6
	2026	94.3	84.2	85.9	95.4	101.9	106.2	109.0	110.5	107.7	98.7	90.7	80.4	94.3	110.5
	2027	94.3	84.2	86.1	95.5	102.1	106.4	109.2	110.7	107.9	98.9	90.9	80.7	94.3	110.7
	2028	94.7	84.5	86.6	96.0	102.6	106.9	109.7	111.2	108.4	99.4	91.4	81.1	94.7	111.2
	2029	95.1	84.9	87.0	96.5	103.1	107.3	110.2	111.7	108.8	99.8	91.8	81.4	95.1	111.7
	2030	95.5	85.3	87.5	96.9	103.6	107.9	110.7	112.2	109.4	100.4	92.3	81.8	95.5	112.2
Projected	2031	96.0	85.7	87.9	97.5	104.2	108.4	111.3	112.8	109.9	100.9	92.8	82.3	96.0	112.8
	2032	96.6	86.2	88.5	98.1	104.8	109.1	112.0	113.5	110.6	101.5	93.4	82.8	96.6	113.5
	2033	97.1	86.7	89.2	98.8	105.6	109.9	112.8	114.3	111.4	102.3	94.1	83.4	97.1	114.3
	2034	97.8	87.3	89.8	99.5	106.4	110.6	113.6	115.1	112.2	103.0	94.8	83.9	97.8	115.1
	2035	98.4	87.9	90.5	100.2	107.1	111.4	114.4	116.0	113.0	103.8	95.5	84.5	98.4	116.0
	2036	99.2	88.5	91.1	100.8	107.8	112.1	115.1	116.7	113.7	104.4	96.1	84.9	99.2	116.7
	2037	99.6	88.9	91.6	101.4	108.4	112.7	115.7	117.3	114.3	105.0	96.7	85.3	99.6	117.3
	2038	100.1	89.4	92.0	101.9	108.9	113.2	116.2	117.8	114.8	105.5	97.2	85.7	100.1	117.8
	2039	100.5	89.7	92.5	102.4	109.5	113.8	116.8	118.4	115.4	106.0	97.7	86.2	100.5	118.4
	2040	101.1	90.3	93.1	103.0	110.1	114.4	117.5	119.1	116.0	106.6	98.3	86.5	101.1	119.1

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	54.4%	73.1%	64.5%	66.0%	69.0%	68.9%	71.5%	72.0%	70.8%	64.3%	65.7%	76.3%	54.1%	60.5%
	2012	55.8%	62.8%	73.5%	64.2%	65.8%	69.0%	71.4%	69.7%	71.3%	64.4%	73.7%	69.3%	63.2%	59.3%
	2013	73.0%	66.0%	61.3%	70.1%	68.7%	69.7%	67.9%	72.1%	68.2%	67.1%	66.8%	69.2%	70.9%	58.6%
	2014	62.2%	71.4%	71.8%	65.0%	70.4%	68.9%	68.0%	71.6%	68.3%	65.2%	61.6%	73.7%	69.2%	58.9%
	2015	73.2%	53.0%	68.9%	65.6%	69.0%	71.8%	70.1%	69.6%	68.7%	68.1%	65.6%	69.9%	64.4%	59.6%
	2016	62.4%	58.9%	64.4%	66.0%	65.8%	69.9%	73.7%	72.0%	72.1%	65.2%	65.6%	65.6%	67.2%	59.6%
	2017	66.3%	69.2%	63.5%	65.1%	66.5%	68.9%	72.0%	71.5%	66.8%	67.8%	66.9%	67.8%	73.9%	58.1%
	2018	57.4%	71.0%	61.5%	65.8%	69.8%	67.6%	69.6%	70.7%	72.1%	69.7%	64.0%	61.2%	65.1%	58.6%
	2019	67.8%	64.9%	64.8%	67.9%	68.0%	68.0%	69.4%	68.9%	66.4%	71.3%	59.0%	66.9%	70.0%	58.6%
	2020	60.3%	64.3%	65.0%	60.1%	64.5%	66.9%	69.5%	71.0%	68.1%	70.0%	62.9%	68.8%	70.1%	57.7%
Projected	2021	59.9%	68.8%	67.5%	66.0%	67.2%	69.9%	70.3%	71.3%	67.9%	70.2%	66.0%	68.8%	69.8%	59.7%
	2022	59.9%	68.8%	67.7%	66.0%	67.2%	69.9%	70.3%	71.2%	68.0%	70.3%	66.2%	69.0%	70.4%	59.6%
	2023	59.9%	68.6%	67.9%	66.2%	67.2%	69.9%	70.2%	71.2%	68.1%	70.3%	66.2%	68.9%	70.0%	59.8%
	2024	59.9%	68.7%	67.9%	66.2%	67.2%	69.8%	70.2%	71.2%	68.1%	70.4%	66.3%	68.9%	70.1%	59.9%
	2025	59.9%	68.6%	67.9%	66.2%	67.2%	69.8%	70.2%	71.2%	68.1%	70.4%	66.3%	68.9%	70.0%	59.8%
	2026	59.9%	68.6%	67.8%	66.1%	67.1%	69.8%	70.2%	71.2%	68.1%	70.4%	66.3%	68.9%	70.0%	59.8%
	2027	59.9%	68.6%	67.7%	66.1%	67.1%	69.8%	70.2%	71.2%	68.2%	70.5%	66.3%	68.8%	70.1%	59.7%
	2028	59.8%	68.7%	67.6%	66.0%	67.0%	69.8%	70.2%	71.2%	68.2%	70.5%	66.3%	68.8%	70.3%	59.8%
	2029	59.8%	68.6%	67.6%	66.0%	67.0%	69.8%	70.2%	71.2%	68.2%	70.4%	66.3%	68.8%	70.1%	59.7%
	2030	59.8%	68.6%	67.5%	65.9%	67.0%	69.8%	70.2%	71.2%	68.2%	70.4%	66.2%	68.8%	70.2%	59.6%
Avg.	2011-2020	63.3%	65.5%	65.9%	65.6%	67.8%	69.0%	70.3%	70.9%	69.3%	67.3%	65.2%	68.9%	66.8%	59.0%
	2021-2030	59.9%	68.7%	67.7%	66.1%	67.1%	69.8%	70.2%	71.2%	68.1%	70.4%	66.3%	68.9%	70.1%	59.7%

FMPA 2021 Load Forecast - Mild Weather Case

Ft. Pierce

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	98.3	72.2	69.7	88.7	88.5	98.1	100.3	99.6	99.9	88.3	81.1	65.1	114.8	99.6
	2012	97.0	86.8	76.2	89.1	89.5	91.1	97.0	100.0	86.2	92.1	68.2	66.0	97.0	97.0
	2013	55.0	80.8	86.7	85.2	89.3	98.7	89.7	100.9	98.2	89.9	82.3	66.8	86.7	100.9
	2014	89.2	68.4	67.9	89.4	92.0	95.4	102.5	103.2	95.2	95.6	55.6	72.0	89.2	103.2
	2015	60.2	101.8	82.7	87.8	99.2	103.4	101.8	99.5	102.6	95.0	96.1	81.5	101.8	103.4
	2016	87.6	94.0	84.4	88.2	96.0	104.9	109.8	107.6	102.3	93.6	78.2	80.1	96.1	109.8
	2017	66.4	77.0	85.4	94.3	105.6	100.9	106.6	111.8	109.0	99.0	81.3	78.0	85.4	111.8
	2018	92.9	82.8	85.9	86.4	84.0	105.5	103.3	111.2	107.2	100.6	92.1	73.2	92.9	111.2
	2019	79.7	87.2	85.5	91.4	100.0	110.1	101.1	108.1	108.5	99.3	96.3	77.1	92.1	110.1
	2020	89.4	88.9	92.0	93.2	98.4	114.4	110.2	115.2	113.6	101.0	87.9	75.0	92.0	114.4
Projected	2021	87.5	82.7	82.7	92.4	99.4	104.5	105.2	109.2	105.9	97.0	84.4	75.5	87.5	109.2
	2022	88.1	83.3	82.8	92.5	99.5	104.6	105.4	109.3	106.1	97.2	84.6	75.7	88.1	109.3
	2023	88.2	83.4	82.4	92.0	99.0	104.1	104.8	108.7	105.5	96.7	84.1	75.4	88.2	108.7
	2024	87.9	83.1	82.1	91.6	98.6	103.6	104.4	108.3	105.1	96.3	83.8	75.2	87.9	108.3
	2025	87.7	82.9	81.9	91.5	98.4	103.4	104.1	108.0	104.8	96.1	83.7	75.1	87.7	108.0
	2026	87.6	82.8	81.9	91.4	98.3	103.3	104.0	107.9	104.7	96.0	83.6	75.1	87.6	107.9
	2027	87.6	82.8	82.1	91.5	98.5	103.5	104.2	108.1	104.9	96.2	83.8	75.5	87.6	108.1
	2028	88.0	83.2	82.5	92.0	99.0	104.0	104.7	108.6	105.4	96.6	84.2	75.8	88.0	108.6
	2029	88.4	83.5	82.9	92.4	99.4	104.4	105.2	109.1	105.8	97.1	84.6	76.1	88.4	109.1
	2030	88.7	83.9	83.3	92.9	99.9	104.9	105.7	109.6	106.4	97.6	85.1	76.5	88.7	109.6
Projected	2031	89.2	84.3	83.8	93.4	100.5	105.5	106.2	110.2	106.9	98.1	85.5	76.9	89.2	110.2
	2032	89.7	84.8	84.3	94.0	101.1	106.1	106.9	110.9	107.6	98.7	86.1	77.4	89.7	110.9
	2033	90.2	85.3	85.0	94.6	101.8	106.9	107.6	111.7	108.3	99.4	86.7	77.9	90.2	111.7
	2034	90.8	85.9	85.6	95.3	102.6	107.6	108.4	112.4	109.1	100.1	87.4	78.4	90.8	112.4
	2035	91.4	86.4	86.2	96.0	103.3	108.4	109.2	113.3	109.9	100.9	88.0	79.0	91.4	113.3
	2036	92.1	87.1	86.8	96.6	104.0	109.0	109.8	113.9	110.5	101.5	88.6	79.4	92.1	113.9
	2037	92.5	87.5	87.3	97.1	104.5	109.6	110.4	114.5	111.1	102.0	89.1	79.8	92.5	114.5
	2038	93.0	87.9	87.7	97.6	105.0	110.1	110.9	115.1	111.6	102.5	89.5	80.1	93.0	115.1
	2039	93.4	88.3	88.2	98.1	105.6	110.7	111.4	115.6	112.2	103.1	90.0	80.6	93.4	115.6
	2040	93.9	88.8	88.7	98.7	106.2	111.3	112.1	116.3	112.8	103.7	90.6	80.9	93.9	116.3

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	99.4%	100.0%	84.0%	95.4%	93.0%	94.1%	96.7%	95.6%	100.0%	96.5%	97.2%	95.8%	100.0%	95.5%
	2012	100.0%	100.0%	98.7%	100.0%	90.4%	93.1%	95.4%	96.8%	90.5%	94.7%	99.6%	87.6%	100.0%	93.8%
	2013	76.8%	97.6%	100.0%	100.0%	99.6%	98.0%	89.8%	97.3%	97.1%	93.6%	97.5%	87.6%	100.0%	97.3%
	2014	100.0%	89.9%	91.7%	97.3%	98.3%	96.4%	98.7%	97.8%	94.2%	100.0%	65.5%	100.0%	100.0%	97.8%
	2015	83.4%	100.0%	97.0%	87.5%	99.5%	98.6%	95.9%	92.9%	96.4%	99.2%	98.4%	96.5%	100.0%	96.5%
	2016	100.0%	100.0%	93.6%	95.7%	94.9%	97.3%	98.3%	97.6%	97.9%	94.5%	92.7%	92.3%	98.4%	98.3%
	2017	79.8%	97.3%	96.6%	97.5%	99.6%	96.0%	98.3%	100.0%	100.0%	97.9%	94.8%	95.2%	96.6%	100.0%
	2018	92.0%	99.5%	97.8%	94.0%	92.3%	97.4%	92.6%	100.0%	98.7%	97.4%	98.1%	82.8%	92.0%	99.7%
	2019	99.3%	99.3%	100.0%	98.9%	96.4%	98.4%	90.3%	97.7%	96.3%	97.9%	99.8%	96.2%	98.1%	97.8%
	2020	98.2%	100.0%	95.8%	90.0%	96.0%	99.3%	96.0%	99.9%	97.6%	97.2%	92.1%	93.5%	95.3%	98.2%
Projected	2021	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	91.7%	97.7%
	2022	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2023	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2024	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2025	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2026	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2027	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2028	92.9%	98.4%	95.3%	95.8%	96.4%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2029	92.9%	98.4%	95.3%	95.8%	96.4%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2030	92.9%	98.4%	95.3%	95.8%	96.4%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2011-2020	92.9%	98.4%	95.5%	95.6%	96.0%	96.9%	95.2%	97.6%	96.9%	96.9%	93.6%	92.7%	98.0%	97.5%
	2021-2030	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.8%	97.7%

FMPA 2021 Load Forecast - Mild Weather Case - Ft Pierce

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service						Res. Lights		City Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	216,942		22,733		9,543		301,655		5,018		60.1		5,989		5,860		530,446		21,981	4.0%	552,427	
	2012	204,343	-5.8%	22,785	0.2%	8,968	-6.0%	303,115	0.5%	5,016	-0.1%	60.4	0.5%	5,958	-0.5%	6,024	2.8%	519,440	-2.1%	17,675	3.3%	537,115	-2.8%
	2013	203,586	-0.4%	22,631	-0.7%	8,996	0.3%	294,790	-2.7%	4,999	-0.3%	59.0	-2.4%	5,919	-0.7%	6,071	0.8%	510,366	-1.7%	21,671	4.1%	532,037	-0.9%
	2014	212,712	4.5%	23,045	1.8%	9,230	2.6%	297,437	0.9%	5,052	1.1%	58.9	-0.2%	5,906	-0.2%	6,050	-0.3%	522,105	2.3%	22,645	4.2%	544,750	2.4%
	2015	227,451	6.9%	23,148	0.4%	9,826	6.5%	302,088	1.6%	5,073	0.4%	59.5	1.1%	5,932	0.4%	4,506	-25.5%	539,977	3.4%	19,085	3.4%	559,062	2.6%
	2016	238,720	5.0%	23,218	0.3%	10,282	4.6%	307,623	1.8%	5,082	0.2%	60.5	1.7%	6,030	1.7%	3,981	-11.7%	556,354	3.0%	26,797	4.6%	583,151	4.3%
	2017	235,521	-1.3%	23,205	-0.1%	10,150	-1.3%	308,779	0.4%	5,083	0.0%	60.7	0.4%	6,227	3.3%	3,900	-2.0%	554,427	-0.3%	15,208	2.7%	569,635	-2.3%
	2018	233,074	-1.0%	23,184	-0.1%	10,053	-1.0%	300,684	-2.6%	5,081	0.0%	59.2	-2.6%	6,227	0.0%	3,910	0.3%	543,895	-1.9%	28,823	5.0%	572,718	0.5%
	2019	246,354	5.7%	23,402	0.9%	10,527	4.7%	313,050	4.1%	5,125	0.9%	61.1	3.2%	5,979	-4.0%	4,019	2.8%	569,402	4.7%	8,648	1.5%	578,050	0.9%
	2020	252,227	2.4%	23,586	0.8%	10,694	1.6%	305,170	-2.5%	5,163	0.7%	59.1	-3.2%	5,457	-8.7%	4,020	0.0%	566,874	-0.4%	21,818	3.7%	588,692	1.8%
Projected	2021	244,138	-3.2%	23,715	0.5%	10,295	-3.7%	309,849	1.5%	5,185	0.4%	59.8	1.1%	5,457	0.0%	4,020	0.0%	563,464	-0.6%	21,235	3.6%	584,700	-0.7%
	2022	245,348	0.5%	23,834	0.5%	10,294	0.0%	309,663	-0.1%	5,205	0.4%	59.5	-0.4%	5,457	0.0%	4,020	0.0%	564,488	0.2%	20,081	3.4%	584,569	0.0%
	2023	244,427	-0.4%	23,965	0.5%	10,199	-0.9%	309,734	0.0%	5,224	0.4%	59.3	-0.4%	5,457	0.0%	4,020	0.0%	563,637	-0.2%	19,988	3.4%	583,625	-0.2%
	2024	240,989	-1.4%	24,089	0.5%	10,004	-1.9%	310,860	0.4%	5,243	0.4%	59.3	0.0%	5,457	0.0%	4,020	0.0%	561,326	-0.4%	21,359	3.7%	582,685	-0.2%
	2025	239,377	-0.7%	24,209	0.5%	9,888	-1.2%	311,326	0.2%	5,260	0.3%	59.2	-0.2%	5,457	0.0%	4,020	0.0%	560,180	-0.2%	19,876	3.4%	580,056	-0.5%
	2026	238,925	-0.2%	24,323	0.5%	9,823	-0.7%	311,223	0.0%	5,277	0.3%	59.0	-0.3%	5,457	0.0%	4,020	0.0%	559,624	-0.1%	19,857	3.4%	579,482	-0.1%
	2027	239,507	0.2%	24,430	0.4%	9,804	-0.2%	311,296	0.0%	5,292	0.3%	58.8	-0.3%	5,457	0.0%	4,020	0.0%	560,280	0.1%	19,889	3.4%	580,169	0.1%
	2028	241,212	0.7%	24,534	0.4%	9,832	0.3%	311,944	0.2%	5,307	0.3%	58.8	-0.1%	5,457	0.0%	4,020	0.0%	562,633	0.4%	21,429	3.7%	584,062	0.7%
	2029	243,296	0.9%	24,636	0.4%	9,876	0.4%	312,672	0.2%	5,321	0.3%	58.8	0.0%	5,457	0.0%	4,020	0.0%	565,446	0.5%	20,078	3.4%	585,524	0.3%
	2030	245,439	0.9%	24,734	0.4%	9,923	0.5%	313,239	0.2%	5,335	0.3%	58.7	-0.1%	5,457	0.0%	4,020	0.0%	568,156	0.5%	20,175	3.4%	588,330	0.5%
	2031	248,024	1.1%	24,827	0.4%	9,990	0.7%	313,671	0.1%	5,348	0.2%	58.7	-0.1%	5,457	0.0%	4,020	0.0%	571,172	0.5%	20,280	3.4%	591,452	0.5%
	2032	250,787	1.1%	24,913	0.3%	10,067	0.8%	314,223	0.2%	5,360	0.2%	58.6	0.0%	5,457	0.0%	4,020	0.0%	574,487	0.6%	21,875	3.7%	596,362	0.8%
	2033	253,925	1.3%	24,996	0.3%	10,159	0.9%	315,067	0.3%	5,371	0.2%	58.7	0.1%	5,457	0.0%	4,020	0.0%	578,468	0.7%	20,542	3.4%	599,010	0.4%
	2034	257,123	1.3%	25,078	0.3%	10,253	0.9%	315,962	0.3%	5,382	0.2%	58.7	0.1%	5,457	0.0%	4,020	0.0%	582,563	0.7%	20,685	3.4%	603,248	0.7%
	2035	260,461	1.3%	25,159	0.3%	10,353	1.0%	316,799	0.3%	5,393	0.2%	58.7	0.1%	5,457	0.0%	4,020	0.0%	586,736	0.7%	20,832	3.4%	607,569	0.7%
	2036	263,623	1.2%	25,237	0.3%	10,446	0.9%	317,552	0.2%	5,403	0.2%	58.8	0.0%	5,457	0.0%	4,020	0.0%	590,652	0.7%	22,482	3.7%	613,134	0.9%
	2037	266,241	1.0%	25,312	0.3%	10,518	0.7%	318,089	0.2%	5,413	0.2%	58.8	0.0%	5,457	0.0%	4,020	0.0%	593,807	0.5%	21,075	3.4%	614,882	0.3%
	2038	268,956	1.0%	25,386	0.3%	10,595	0.7%	318,399	0.1%	5,422	0.2%	58.7	-0.1%	5,457	0.0%	4,020	0.0%	596,832	0.5%	21,179	3.4%	618,011	0.5%
	2039	271,656	1.0%	25,460	0.3%	10,670	0.7%	318,607	0.1%	5,431	0.2%	58.7	-0.1%	5,457	0.0%	4,020	0.0%	599,740	0.5%	21,282	3.4%	621,022	0.5%
	2040	274,812	1.2%	25,534	0.3%	10,762	0.9%	318,763	0.0%	5,439	0.2%	58.6	-0.1%	5,457	0.0%	4,020	0.0%	603,052	0.6%	22,943	3.7%	625,995	0.8%
CAGR	2011-2020		1.7%		0.4%		1.3%		0.1%		0.3%		-0.2%		-1.0%		-4.1%		0.7%		3.6%		0.7%
	2021-2030		0.1%		0.5%		-0.4%		0.1%		0.3%		-0.2%		0.0%		0.0%		0.1%		3.5%		0.1%
	2031-2040		1.1%		0.3%		0.8%		0.2%		0.2%		0.0%		0.0%		0.0%		0.6%		3.5%		0.6%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - Severe Weather Case

Ft. Pierce

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	552,427	-	549,115	-	-0.6%	114.8	-	99.4	-	-13.4%	99.6	-	106.1		6.5%
	2012	537,115	-2.8%	544,172	-0.9%	1.3%	97.0	-15.5%	96.0	-3.4%	-1.1%	97.0	-2.6%	108.8	2.6%	12.3%
	2013	532,037	-0.9%	538,194	-1.1%	1.2%	86.7	-10.7%	76.2	-20.6%	-12.1%	100.9	4.0%	105.6	-2.9%	4.7%
	2014	544,750	2.4%	545,638	1.4%	0.2%	89.2	2.9%	103.0	35.1%	15.5%	103.2	2.4%	101.2	-4.2%	-1.9%
	2015	559,062	2.6%	551,184	1.0%	-1.4%	101.8	14.2%	74.0	-28.2%	-27.3%	103.4	0.2%	96.2	-5.0%	-7.0%
	2016	583,151	4.3%	574,181	4.2%	-1.5%	96.1	-5.6%	87.5	18.2%	-9.0%	109.8	6.2%	106.1	10.3%	-3.4%
	2017	569,635	-2.3%	561,803	-2.2%	-1.4%	85.4	-11.1%	80.0	-8.6%	-6.4%	111.8	1.8%	115.7	9.0%	3.5%
	2018	572,718	0.5%	569,778	1.4%	-0.5%	92.9	8.8%	82.3	2.9%	-11.5%	111.2	-0.6%	116.7	0.9%	5.0%
	2019	578,050	0.9%	570,407	0.1%	-1.3%	92.1	-0.8%	102.8	24.9%	11.5%	110.1	-0.9%	107.5	-7.9%	-2.4%
	2020	588,692	1.8%	581,926	2.0%	-1.1%	92.0	-0.2%	99.5	-3.2%	8.1%	114.4	3.9%	110.8	3.1%	-3.1%
Projected	2021	618,513	5.1%	618,513	6.3%		98.8	7.5%	98.8	-0.6%		116.6	2.0%	116.6	5.3%	
	2022			620,752	0.4%				99.5	0.7%				116.8	0.2%	
	2023			619,731	-0.2%				99.7	0.2%				116.2	-0.5%	
	2024			618,598	-0.2%				99.3	-0.4%				115.7	-0.4%	
	2025			615,492	-0.5%				98.9	-0.4%				115.5	-0.2%	
	2026			614,854	-0.1%				98.8	-0.1%				115.4	-0.1%	
	2027			615,615	0.1%				98.8	0.0%				115.7	0.2%	
	2028			619,995	0.7%				99.3	0.5%				116.3	0.5%	
	2029			621,482	0.2%				99.7	0.4%				116.9	0.5%	
	2030			624,570	0.5%				100.2	0.5%				117.5	0.5%	
	2031			628,035	0.6%				100.8	0.6%				118.2	0.6%	
	2032			633,579	0.9%				101.5	0.7%				119.0	0.7%	
	2033			636,380	0.4%				102.1	0.6%				119.9	0.8%	
	2034			641,046	0.7%				102.9	0.7%				120.8	0.8%	
	2035			645,810	0.7%				103.6	0.7%				121.7	0.8%	
	2036			652,085	1.0%				104.5	0.9%				122.5	0.6%	
	2037			653,894	0.3%				105.0	0.4%				123.2	0.6%	
	2038			657,383	0.5%				105.6	0.6%				123.8	0.5%	
	2039			660,743	0.5%				106.1	0.5%				124.5	0.6%	
	2040			666,424	0.9%				106.9	0.7%				125.3	0.6%	
CAGR [3]	2011-2020		0.7%		0.6%			-2.4%		0.0%			1.6%		0.5%	
	2021-2030				0.1%					0.2%					0.1%	
	2031-2040				0.7%					0.7%					0.7%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Ft. Pierce

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	552,427	-	552,427	-	114.8	104.3	114.8	104.3	114.8	99.6	114.8	99.6
	2012	537,115	-2.8%	537,115	-2.8%	97.0	103.3	97.0	103.3	97.0	97.0	97.0	97.0
	2013	532,037	-0.9%	532,037	-0.9%	86.7	103.7	86.7	103.7	86.7	100.9	86.7	100.9
	2014	544,750	2.4%	544,750	2.4%	89.2	105.5	89.2	105.5	89.2	103.2	89.2	103.2
	2015	559,062	2.6%	559,062	2.6%	101.8	107.2	101.8	107.2	101.8	103.4	101.8	103.4
	2016	583,151	4.3%	583,151	4.3%	97.7	111.7	97.7	111.7	96.1	109.8	96.1	109.8
	2017	569,635	-2.3%	569,635	-2.3%	88.5	111.8	88.5	111.8	85.4	111.8	85.4	111.8
	2018	572,718	0.5%	572,718	0.5%	101.0	111.6	101.0	111.6	92.9	111.2	92.9	111.2
	2019	578,050	0.9%	578,050	0.9%	93.9	112.6	93.9	112.6	92.1	110.1	92.1	110.1
	2020	588,692	1.8%	607,884	5.2%	96.5	116.4	106.0	116.7	92.0	114.4	98.6	113.9
Projected	2021	618,513	5.1%	608,938	0.2%	106.4	119.4	106.4	117.0	98.8	116.6	99.0	114.2
	2022	620,752	0.4%	609,930	0.2%	107.2	119.6	106.7	117.2	99.5	116.8	99.4	114.3
	2023	619,731	-0.2%	611,591	0.3%	107.4	119.0	107.1	117.4	99.7	116.2	99.7	114.6
	2024	618,598	-0.2%	614,358	0.5%	106.9	118.5	107.4	117.7	99.3	115.7	99.9	114.8
	2025	615,492	-0.5%	614,616	0.0%	106.5	118.2	107.6	118.1	98.9	115.5	100.1	115.2
	2026	614,854	-0.1%	616,819	0.4%	106.3	118.2	108.0	118.5	98.8	115.4	100.5	115.6
	2027	615,615	0.1%	618,789	0.3%	106.4	118.4	108.4	118.9	98.8	115.7	100.8	116.0
	2028	619,995	0.7%	622,511	0.6%	106.9	119.1	108.8	119.3	99.3	116.3	101.3	116.4
	2029	621,482	0.2%	622,607	0.0%	107.4	119.7	109.1	119.6	99.7	116.9	101.5	116.7
	2030	624,570	0.5%	624,223	0.3%	107.9	120.3	109.3	120.0	100.2	117.5	101.7	117.1
	2031	628,035	0.6%	626,832	0.4%	108.5	121.0	109.8	120.6	100.8	118.2	102.1	117.6
	2032	633,579	0.9%	631,759	0.8%	109.3	121.8	110.4	121.2	101.5	119.0	102.8	118.3
	2033	636,380	0.4%	633,415	0.3%	109.9	122.7	110.9	121.9	102.1	119.9	103.2	118.9
	2034	641,046	0.7%	636,623	0.5%	110.7	123.6	111.5	122.5	102.9	120.8	103.7	119.5
	2035	645,810	0.7%	639,991	0.5%	111.6	124.6	112.0	123.2	103.6	121.7	104.3	120.2
	2036	652,085	1.0%	644,859	0.8%	112.5	125.4	112.8	123.7	104.5	122.5	105.0	120.7
	2037	653,894	0.3%	645,298	0.1%	113.0	126.1	113.0	124.2	105.0	123.2	105.2	121.2
	2038	657,383	0.5%	647,593	0.4%	113.7	126.8	113.5	124.6	105.6	123.8	105.6	121.6
	2039	660,743	0.5%	649,781	0.3%	114.2	127.5	113.8	125.1	106.1	124.5	105.9	122.0
	2040	666,424	0.9%			115.1	128.3			106.9	125.3		
CAGR[1]	Historical		0.7%		0.6%	-1.9%	1.2%	-2.5%	1.0%	-0.7%	2.1%	-0.7%	1.8%
	1st 10 Prj Yrs		0.1%		0.3%	0.2%	0.1%	0.3%	0.3%	0.2%	0.1%	0.3%	0.3%
	2nd 10 Prj Yrs		0.7%		0.4%	0.7%	0.7%	0.5%	0.5%	0.7%	0.7%	0.5%	0.5%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Ft. Pierce

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	552,427	-	549,115	-	-0.6%	114.8	-	99.4	-	-13.4%	99.6	-	106.1		6.5%
	2012	537,115	-2.8%	544,172	-0.9%	1.3%	97.0	-15.5%	96.0	-3.4%	-1.1%	97.0	-2.6%	108.8	2.6%	12.3%
	2013	532,037	-0.9%	538,194	-1.1%	1.2%	86.7	-10.7%	76.2	-20.6%	-12.1%	100.9	4.0%	105.6	-2.9%	4.7%
	2014	544,750	2.4%	545,638	1.4%	0.2%	89.2	2.9%	103.0	35.1%	15.5%	103.2	2.4%	101.2	-4.2%	-1.9%
	2015	559,062	2.6%	551,184	1.0%	-1.4%	101.8	14.2%	74.0	-28.2%	-27.3%	103.4	0.2%	96.2	-5.0%	-7.0%
	2016	583,151	4.3%	574,181	4.2%	-1.5%	96.1	-5.6%	87.5	18.2%	-9.0%	109.8	6.2%	106.1	10.3%	-3.4%
	2017	569,635	-2.3%	561,803	-2.2%	-1.4%	85.4	-11.1%	80.0	-8.6%	-6.4%	111.8	1.8%	115.7	9.0%	3.5%
	2018	572,718	0.5%	569,778	1.4%	-0.5%	92.9	8.8%	82.3	2.9%	-11.5%	111.2	-0.6%	116.7	0.9%	5.0%
	2019	578,050	0.9%	570,407	0.1%	-1.3%	92.1	-0.8%	102.8	24.9%	11.5%	110.1	-0.9%	107.5	-7.9%	-2.4%
	2020	588,692	1.8%	578,642	1.4%	-1.7%	92.0	-0.2%	99.5	-3.2%	8.1%	114.4	3.9%	110.8	3.1%	-3.1%
Projected	2021	618,162	5.0%	618,162	6.8%		98.8	7.5%	98.8	-0.6%		116.6	1.9%	116.6	5.2%	
	2022			620,292	0.3%				99.5	0.7%				116.7	0.1%	
	2023			619,161	-0.2%				99.7	0.2%				116.1	-0.6%	
	2024			617,904	-0.2%				99.3	-0.4%				115.6	-0.4%	
	2025			614,662	-0.5%				98.9	-0.4%				115.3	-0.2%	
	2026			613,833	-0.1%				98.8	-0.1%				115.2	-0.1%	
	2027			614,386	0.1%				98.8	0.0%				115.4	0.2%	
	2028			618,541	0.7%				99.3	0.5%				115.9	0.5%	
	2029			619,796	0.2%				99.7	0.4%				116.5	0.5%	
	2030			622,640	0.5%				100.2	0.5%				117.1	0.5%	
	2031			625,947	0.5%				100.8	0.6%				117.7	0.5%	
	2032			631,324	0.9%				101.5	0.7%				118.4	0.6%	
	2033			633,962	0.4%				102.1	0.6%				119.3	0.7%	
	2034			638,461	0.7%				102.9	0.7%				120.1	0.7%	
	2035			643,064	0.7%				103.6	0.7%				121.0	0.7%	
	2036			649,150	0.9%				104.5	0.9%				121.8	0.6%	
	2037			650,762	0.2%				105.0	0.4%				122.5	0.5%	
	2038			654,043	0.5%				105.6	0.6%				123.0	0.5%	
	2039			657,180	0.5%				106.1	0.5%				123.7	0.5%	
	2040			662,632	0.8%				106.9	0.7%				124.4	0.6%	
CAGR [3]	2011-2020		0.7%		0.6%			-2.4%		0.0%			1.6%		0.5%	
	2021-2030				0.1%					0.2%					0.0%	
	2031-2040				0.6%					0.7%					0.6%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Ft. Pierce

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	552,427	-	549,115	-	-0.6%	114.8	-	54.9%	104.3	-	60.5%
	2012	537,115	-2.8%	544,172	-0.9%	1.3%	97.0	-15.5%	63.2%	103.3	-0.9%	59.3%
	2013	532,037	-0.9%	538,194	-1.1%	1.2%	86.7	-10.7%	70.1%	103.7	0.4%	58.6%
	2014	544,750	2.4%	545,638	1.4%	0.2%	89.2	2.9%	69.7%	105.5	1.8%	58.9%
	2015	559,062	2.6%	551,184	1.0%	-1.4%	101.8	14.2%	62.7%	107.2	1.6%	59.6%
	2016	583,151	4.3%	574,181	4.2%	-1.5%	97.7	-4.1%	68.2%	111.7	4.3%	59.6%
	2017	569,635	-2.3%	561,803	-2.2%	-1.4%	88.5	-9.4%	73.5%	111.8	0.1%	58.1%
	2018	572,718	0.5%	569,778	1.4%	-0.5%	101.0	14.1%	64.8%	111.6	-0.3%	58.6%
	2019	578,050	0.9%	570,407	0.1%	-1.3%	93.9	-7.0%	70.3%	112.6	1.0%	58.6%
	2020	588,692	1.8%	581,926	2.0%	-1.1%	96.5	2.8%	69.6%	116.4	3.4%	57.7%
Projected	2021	618,162	5.0%	618,162	6.2%		106.4	10.2%	66.3%	119.3	2.5%	59.1%
	2022	620,292	0.3%	620,292	0.3%		107.2	0.7%	66.1%	119.5	0.1%	59.3%
	2023	619,161	-0.2%	619,161	-0.2%		107.4	0.2%	65.8%	118.8	-0.6%	59.5%
	2024	617,904	-0.2%	617,904	-0.2%		106.9	-0.4%	66.0%	118.3	-0.4%	59.6%
	2025	614,662	-0.5%	614,662	-0.5%		106.5	-0.4%	65.9%	118.0	-0.2%	59.4%
	2026	613,833	-0.1%	613,833	-0.1%		106.3	-0.1%	65.9%	117.9	-0.1%	59.4%
	2027	614,386	0.1%	614,386	0.1%		106.4	0.0%	65.9%	118.1	0.2%	59.4%
	2028	618,541	0.7%	618,541	0.7%		106.9	0.5%	66.0%	118.7	0.5%	59.5%
	2029	619,796	0.2%	619,796	0.2%		107.4	0.4%	65.9%	119.3	0.5%	59.3%
	2030	622,640	0.5%	622,640	0.5%		107.9	0.5%	65.9%	119.8	0.5%	59.3%
	2031	625,947	0.5%	625,947	0.5%		108.5	0.6%	65.9%	120.5	0.5%	59.3%
	2032	631,324	0.9%	631,324	0.9%		109.3	0.7%	66.0%	121.3	0.6%	59.4%
	2033	633,962	0.4%	633,962	0.4%		109.9	0.6%	65.8%	122.1	0.7%	59.3%
	2034	638,461	0.7%	638,461	0.7%		110.7	0.7%	65.8%	123.0	0.7%	59.2%
	2035	643,064	0.7%	643,064	0.7%		111.6	0.7%	65.8%	123.9	0.7%	59.2%
	2036	649,150	0.9%	649,150	0.9%		112.5	0.9%	65.8%	124.7	0.6%	59.4%
	2037	650,762	0.2%	650,762	0.2%		113.0	0.4%	65.7%	125.4	0.5%	59.2%
	2038	654,043	0.5%	654,043	0.5%		113.7	0.6%	65.7%	126.0	0.5%	59.3%
	2039	657,180	0.5%	657,180	0.5%		114.2	0.5%	65.7%	126.7	0.5%	59.2%
	2040	662,632	0.8%	662,632	0.8%		115.1	0.7%	65.7%	127.4	0.6%	59.4%
CAGR [1]	2011-2020		0.7%		0.6%			-1.9%	66.7%		1.2%	59.0%
	2021-2030		0.1%		0.1%			0.2%	66.0%		0.0%	59.4%
	2031-2040		0.6%		0.6%			0.7%	65.8%		0.6%	59.3%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Ft. Pierce

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	39,989	35,444	39,789	44,186	48,823	51,723	55,193	55,783	50,915	43,756	39,505	38,611	543,717	552,427
	2012	40,289	37,959	42,245	41,208	48,485	48,630	53,967	53,597	48,864	46,590	36,378	38,798	537,009	537,115
	2013	38,862	36,703	39,531	43,013	45,811	50,571	50,494	55,584	49,703	47,956	40,594	39,269	538,090	532,037
	2014	41,266	36,491	39,550	42,999	49,051	49,104	52,521	56,213	49,737	46,418	37,633	39,506	540,489	544,750
	2015	39,271	36,281	43,675	47,356	51,177	54,226	55,367	55,498	52,653	48,565	46,117	43,886	574,073	559,062
	2016	40,643	38,560	43,189	43,820	49,515	54,253	61,309	59,072	54,220	48,041	39,816	42,331	574,770	583,151
	2017	41,027	36,811	41,794	45,276	52,452	52,155	58,048	59,507	52,377	50,982	41,334	41,290	573,055	569,635
	2018	43,109	39,736	40,177	43,551	47,273	52,662	57,741	58,485	56,377	53,557	43,271	40,240	576,179	572,718
	2019	40,509	38,311	41,264	45,160	52,488	54,795	57,839	56,736	53,881	53,807	40,981	39,938	575,707	578,050
	2020	40,859	39,783	46,452	44,840	49,227	55,498	59,308	60,912	57,087	54,111	43,189	43,043	594,309	588,692
Projected	2021	48,882	45,886	46,400	45,786	51,502	55,666	62,036	64,158	57,505	54,204	43,550	43,314	618,888	618,162
	2022	49,254	46,209	46,646	45,884	51,549	55,742	62,102	64,158	57,681	54,390	43,749	43,526	620,889	620,292
	2023	49,334	46,177	46,568	45,752	51,305	55,436	61,706	63,789	57,429	54,096	43,533	43,303	618,428	619,161
	2024	49,047	47,600	46,332	45,577	51,093	55,168	61,461	63,517	57,177	53,933	43,411	43,182	617,499	617,904
	2025	48,889	45,757	46,221	45,477	50,983	55,044	61,324	63,380	57,061	53,832	43,339	43,120	614,428	614,662
	2026	48,814	45,690	46,151	45,413	50,915	54,974	61,253	63,318	57,013	53,799	43,316	43,115	613,771	613,833
	2027	48,827	45,716	46,176	45,449	50,972	55,051	61,363	63,453	57,148	53,937	43,429	43,249	614,772	614,386
	2028	49,006	47,602	46,346	45,624	51,184	55,297	61,658	63,770	57,439	54,211	43,639	43,470	619,246	618,541
	2029	49,272	46,142	46,558	45,828	51,415	55,550	61,946	64,067	57,697	54,446	43,811	43,650	620,383	619,796
	2030	49,499	46,359	46,752	46,020	51,641	55,808	62,255	64,399	58,001	54,737	44,033	43,882	623,384	622,640
Projected	2031	49,787	46,626	46,983	46,244	51,895	56,096	62,591	64,755	58,318	55,026	44,250	44,109	626,680	625,947
	2032	50,077	48,645	47,232	46,490	52,187	56,432	62,989	65,180	58,708	55,387	44,528	44,398	632,253	631,324
	2033	50,439	47,246	47,543	46,796	52,539	56,829	63,451	65,664	59,141	55,786	44,830	44,706	634,971	633,962
	2034	50,817	47,600	47,862	47,105	52,893	57,227	63,911	66,149	59,575	56,184	45,130	45,013	639,466	638,461
	2035	51,198	47,958	48,186	47,421	53,258	57,637	64,391	66,655	60,031	56,601	45,447	45,339	644,123	643,064
	2036	51,592	50,113	48,498	47,717	53,588	57,999	64,798	67,069	60,388	56,915	45,673	45,565	649,915	649,150
	2037	51,874	48,584	48,733	47,945	53,853	58,300	65,151	67,444	60,725	57,224	45,903	45,805	651,542	650,762
	2038	52,172	48,858	48,964	48,165	54,102	58,578	65,473	67,778	61,019	57,486	46,093	46,002	654,690	654,043
	2039	52,427	49,102	49,174	48,372	54,347	58,863	65,815	68,146	61,353	57,794	46,323	46,246	657,963	657,180
	2040	52,740	51,230	49,423	48,613	54,627	59,183	66,194	68,548	61,712	58,119	46,561	46,495	663,444	662,632

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	7.4%	6.5%	7.3%	8.1%	9.0%	9.5%	10.2%	10.3%	9.4%	8.0%	7.3%	7.1%	100.0%
	2012	7.5%	7.1%	7.9%	7.7%	9.0%	9.1%	10.0%	10.0%	9.1%	8.7%	6.8%	7.2%	100.0%
	2013	7.2%	6.8%	7.3%	8.0%	8.5%	9.4%	9.4%	10.3%	9.2%	8.9%	7.5%	7.3%	100.0%
	2014	7.6%	6.8%	7.3%	8.0%	9.1%	9.1%	9.7%	10.4%	9.2%	8.6%	7.0%	7.3%	100.0%
	2015	6.8%	6.3%	7.6%	8.2%	8.9%	9.4%	9.6%	9.7%	9.2%	8.5%	8.0%	7.6%	100.0%
	2016	7.1%	6.7%	7.5%	7.6%	8.6%	9.4%	10.7%	10.3%	9.4%	8.4%	6.9%	7.4%	100.0%
	2017	7.2%	6.4%	7.3%	7.9%	9.2%	9.1%	10.1%	10.4%	9.1%	8.9%	7.2%	7.2%	100.0%
	2018	7.5%	6.9%	7.0%	7.6%	8.2%	9.1%	10.0%	10.2%	9.8%	9.3%	7.5%	7.0%	100.0%
	2019	7.0%	6.7%	7.2%	7.8%	9.1%	9.5%	10.0%	9.9%	9.4%	9.3%	7.1%	6.9%	100.0%
	2020	6.9%	6.7%	7.8%	7.5%	8.3%	9.3%	10.0%	10.2%	9.6%	9.1%	7.3%	7.2%	100.0%
Projected	2021	7.9%	7.4%	7.5%	7.4%	8.3%	9.0%	10.0%	10.4%	9.3%	8.8%	7.0%	7.0%	100.0%
	2022	7.9%	7.4%	7.5%	7.4%	8.3%	9.0%	10.0%	10.3%	9.3%	8.8%	7.0%	7.0%	100.0%
	2023	8.0%	7.5%	7.5%	7.4%	8.3%	9.0%	10.0%	10.3%	9.3%	8.7%	7.0%	7.0%	100.0%
	2024	7.9%	7.7%	7.5%	7.4%	8.3%	8.9%	10.0%	10.3%	9.3%	8.7%	7.0%	7.0%	100.0%
	2025	8.0%	7.4%	7.5%	7.4%	8.3%	9.0%	10.0%	10.3%	9.3%	8.8%	7.1%	7.0%	100.0%
	2026	8.0%	7.4%	7.5%	7.4%	8.3%	9.0%	10.0%	10.3%	9.3%	8.8%	7.1%	7.0%	100.0%
	2027	7.9%	7.4%	7.5%	7.4%	8.3%	9.0%	10.0%	10.3%	9.3%	8.8%	7.1%	7.0%	100.0%
	2028	7.9%	7.7%	7.5%	7.4%	8.3%	8.9%	10.0%	10.3%	9.3%	8.8%	7.0%	7.0%	100.0%
	2029	7.9%	7.4%	7.5%	7.4%	8.3%	9.0%	10.0%	10.3%	9.3%	8.8%	7.1%	7.0%	100.0%
	2030	7.9%	7.4%	7.5%	7.4%	8.3%	9.0%	10.0%	10.3%	9.3%	8.8%	7.1%	7.0%	100.0%
Avg.	2011-2020	7.2%	6.7%	7.4%	7.8%	8.8%	9.3%	10.0%	10.2%	9.3%	8.8%	7.3%	7.2%	100.0%
	2021-2030	7.9%	7.5%	7.5%	7.4%	8.3%	9.0%	10.0%	10.3%	9.3%	8.8%	7.1%	7.0%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Severe Weather Case

Ft. Pierce

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	98.9	72.2	83.0	92.9	95.1	104.3	103.8	104.2	99.9	91.5	83.5	68.0	114.8	104.3
	2012	97.0	86.8	77.2	89.1	99.0	97.9	101.6	103.3	95.2	97.2	68.5	75.3	97.0	103.3
	2013	71.6	82.8	86.7	85.2	89.7	100.8	99.9	103.7	101.2	96.0	84.4	76.3	86.7	103.7
	2014	89.2	76.1	74.0	91.8	93.6	99.0	103.9	105.5	101.1	95.6	84.9	72.0	89.2	105.5
	2015	72.1	101.8	85.2	100.3	99.7	104.9	106.2	107.2	106.4	95.8	97.7	84.4	101.8	107.2
	2016	87.6	94.0	90.2	92.2	101.2	107.8	111.7	110.3	104.5	99.0	84.3	86.7	97.7	111.7
	2017	83.2	79.2	88.5	96.6	106.1	105.1	108.4	111.8	109.0	101.1	85.8	81.9	88.5	111.8
	2018	101.0	83.3	87.9	91.9	91.0	108.2	111.6	111.2	108.6	103.3	93.9	88.4	101.0	111.6
	2019	80.3	87.8	85.5	92.4	103.7	111.9	112.0	110.6	112.6	101.5	96.5	80.2	93.9	112.6
	2020	91.0	88.9	96.0	103.6	102.6	115.2	114.7	115.3	116.4	103.9	95.4	90.7	96.5	116.4
Projected	2021	106.4	95.0	92.7	102.9	110.0	114.7	117.7	119.3	116.3	106.6	97.8	91.4	106.4	119.3
	2022	107.2	95.7	92.8	103.1	110.2	114.8	117.9	119.5	116.4	106.7	98.0	91.5	107.2	119.5
	2023	107.4	95.9	92.3	102.5	109.6	114.2	117.2	118.8	115.8	106.1	97.5	91.1	107.4	118.8
	2024	106.9	95.4	91.9	102.1	109.1	113.7	116.7	118.3	115.3	105.7	97.1	90.8	106.9	118.3
	2025	106.5	95.0	91.8	101.9	108.9	113.4	116.5	118.0	115.0	105.4	96.9	90.6	106.5	118.0
	2026	106.3	94.9	91.7	101.8	108.8	113.3	116.3	117.9	114.9	105.3	96.8	90.7	106.3	117.9
	2027	106.4	95.0	91.9	102.0	109.0	113.5	116.6	118.1	115.1	105.6	97.0	91.1	106.4	118.1
	2028	106.9	95.4	92.4	102.5	109.5	114.1	117.1	118.7	115.7	106.1	97.5	91.5	106.9	118.7
	2029	107.4	95.8	92.8	103.0	110.1	114.6	117.7	119.3	116.2	106.6	98.0	92.0	107.4	119.3
	2030	107.9	96.3	93.4	103.5	110.6	115.2	118.2	119.8	116.8	107.2	98.6	92.5	107.9	119.8
Projected	2031	108.5	96.9	93.9	104.1	111.2	115.8	118.9	120.5	117.4	107.7	99.1	93.1	108.5	120.5
	2032	109.3	97.5	94.5	104.8	112.0	116.5	119.6	121.3	118.1	108.4	99.8	93.7	109.3	121.3
	2033	109.9	98.1	95.2	105.5	112.8	117.4	120.5	122.1	119.0	109.2	100.5	94.4	109.9	122.1
	2034	110.7	98.8	95.9	106.3	113.6	118.2	121.4	123.0	119.9	110.0	101.3	95.1	110.7	123.0
	2035	111.6	99.6	96.7	107.1	114.5	119.1	122.3	123.9	120.8	110.9	102.1	95.9	111.6	123.9
	2036	112.5	100.5	97.3	107.8	115.2	119.8	123.0	124.7	121.5	111.6	102.7	96.3	112.5	124.7
	2037	113.0	100.9	97.9	108.4	115.9	120.5	123.7	125.4	122.2	112.2	103.3	96.9	113.0	125.4
	2038	113.7	101.5	98.4	108.9	116.4	121.1	124.3	126.0	122.8	112.8	103.9	97.4	113.7	126.0
	2039	114.2	102.0	98.9	109.5	117.1	121.7	124.9	126.7	123.4	113.4	104.4	98.1	114.2	126.7
	2040	115.1	102.7	99.5	110.2	117.8	122.4	125.7	127.4	124.1	114.0	105.1	98.5	115.1	127.4

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	54.4%	73.1%	64.5%	66.0%	69.0%	68.9%	71.5%	72.0%	70.8%	64.3%	65.7%	76.3%	54.1%	59.5%
	2012	55.8%	62.8%	73.5%	64.2%	65.8%	69.0%	71.4%	69.7%	71.3%	64.4%	73.7%	69.3%	63.2%	59.3%
	2013	73.0%	66.0%	61.3%	70.1%	68.7%	69.7%	67.9%	72.1%	68.2%	67.1%	66.8%	69.2%	70.9%	59.2%
	2014	62.2%	71.4%	71.8%	65.0%	70.4%	68.9%	68.0%	71.6%	68.3%	65.2%	61.6%	73.7%	69.2%	58.5%
	2015	73.2%	53.0%	68.9%	65.6%	69.0%	71.8%	70.1%	69.6%	68.7%	68.1%	65.6%	69.9%	64.4%	61.2%
	2016	62.4%	58.9%	64.4%	66.0%	65.8%	69.9%	73.7%	72.0%	72.1%	65.2%	65.6%	65.6%	67.2%	58.7%
	2017	66.3%	69.2%	63.5%	65.1%	66.5%	68.9%	72.0%	71.5%	66.8%	67.8%	66.9%	67.8%	73.9%	58.5%
	2018	57.4%	71.0%	61.5%	65.8%	69.8%	67.6%	69.6%	70.7%	72.1%	69.7%	64.0%	61.2%	65.1%	59.0%
	2019	67.8%	64.9%	64.8%	67.9%	68.0%	68.0%	69.4%	68.9%	66.4%	71.3%	59.0%	66.9%	70.0%	58.3%
	2020	60.3%	64.3%	65.0%	60.1%	64.5%	66.9%	69.5%	71.0%	68.1%	70.0%	62.9%	63.8%	70.3%	58.3%
Projected	2021	61.7%	71.9%	67.3%	61.8%	62.9%	67.4%	70.8%	72.3%	68.7%	68.4%	61.8%	63.7%	66.4%	59.2%
	2022	61.8%	71.9%	67.6%	61.8%	62.9%	67.4%	70.8%	72.2%	68.8%	68.5%	62.0%	63.9%	66.1%	59.3%
	2023	61.8%	71.7%	67.8%	62.0%	62.9%	67.4%	70.7%	72.2%	68.9%	68.5%	62.0%	63.9%	65.7%	59.4%
	2024	61.7%	71.7%	67.7%	62.0%	62.9%	67.4%	70.8%	72.2%	68.9%	68.6%	62.1%	63.9%	65.9%	59.6%
	2025	61.7%	71.6%	67.7%	62.0%	62.9%	67.4%	70.8%	72.2%	68.9%	68.6%	62.1%	63.9%	65.9%	59.4%
	2026	61.7%	71.6%	67.7%	62.0%	62.9%	67.4%	70.8%	72.2%	68.9%	68.6%	62.1%	63.9%	65.9%	59.4%
	2027	61.7%	71.6%	67.5%	61.9%	62.9%	67.3%	70.8%	72.2%	69.0%	68.7%	62.2%	63.8%	66.0%	59.4%
	2028	61.6%	71.7%	67.4%	61.8%	62.8%	67.3%	70.8%	72.2%	69.0%	68.7%	62.1%	63.8%	66.1%	59.5%
	2029	61.7%	71.6%	67.4%	61.8%	62.8%	67.3%	70.8%	72.2%	69.0%	68.7%	62.1%	63.8%	66.0%	59.4%
	2030	61.7%	71.6%	67.3%	61.8%	62.7%	67.3%	70.8%	72.2%	69.0%	68.7%	62.1%	63.8%	66.0%	59.4%
Avg.	2011-2020	63.3%	65.5%	65.9%	65.6%	67.8%	69.0%	70.3%	70.9%	69.3%	67.3%	65.2%	68.4%	66.8%	59.1%
	2021-2030	61.7%	71.7%	67.5%	61.9%	62.9%	67.4%	70.8%	72.2%	68.9%	68.6%	62.1%	63.8%	66.0%	59.4%

FMPA 2021 Load Forecast - Severe Weather Case

Ft. Pierce

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	98.3	72.2	69.7	88.7	88.5	98.1	100.3	99.6	99.9	88.3	81.1	65.1	114.8	99.6
	2012	97.0	86.8	76.2	89.1	89.5	91.1	97.0	100.0	86.2	92.1	68.2	66.0	97.0	97.0
	2013	55.0	80.8	86.7	85.2	89.3	98.7	89.7	100.9	98.2	89.9	82.3	66.8	86.7	100.9
	2014	89.2	68.4	67.9	89.4	92.0	95.4	102.5	103.2	95.2	95.6	55.6	72.0	89.2	103.2
	2015	60.2	101.8	82.7	87.8	99.2	103.4	101.8	99.5	102.6	95.0	96.1	81.5	101.8	103.4
	2016	87.6	94.0	84.4	88.2	96.0	104.9	109.8	107.6	102.3	93.6	78.2	80.1	96.1	109.8
	2017	66.4	77.0	85.4	94.3	105.6	100.9	106.6	111.8	109.0	99.0	81.3	78.0	85.4	111.8
	2018	92.9	82.8	85.9	86.4	84.0	105.5	103.3	111.2	107.2	100.6	92.1	73.2	92.9	111.2
	2019	79.7	87.2	85.5	91.4	100.0	110.1	101.1	108.1	108.5	99.3	96.3	77.1	92.1	110.1
	2020	89.4	88.9	92.0	93.2	98.4	114.4	110.2	115.2	113.6	101.0	87.9	84.8	92.0	114.4
Projected	2021	98.8	93.4	88.3	98.6	106.1	111.6	112.4	116.6	113.1	103.6	90.1	85.4	98.8	116.6
	2022	99.5	94.1	88.4	98.8	106.3	111.7	112.5	116.7	113.2	103.7	90.3	85.6	99.5	116.7
	2023	99.7	94.3	88.0	98.2	105.7	111.1	111.9	116.1	112.6	103.2	89.8	85.2	99.7	116.1
	2024	99.3	93.9	87.6	97.8	105.2	110.6	111.4	115.6	112.1	102.7	89.4	84.8	99.3	115.6
	2025	98.9	93.5	87.4	97.6	105.0	110.4	111.1	115.3	111.9	102.5	89.3	84.7	98.9	115.3
	2026	98.8	93.4	87.4	97.5	104.9	110.2	111.0	115.2	111.7	102.4	89.2	84.8	98.8	115.2
	2027	98.8	93.4	87.6	97.7	105.1	110.5	111.2	115.4	112.0	102.6	89.4	85.2	98.8	115.4
	2028	99.3	93.9	88.0	98.2	105.7	111.0	111.8	115.9	112.5	103.1	89.9	85.5	99.3	115.9
	2029	99.7	94.3	88.5	98.7	106.2	111.5	112.3	116.5	113.0	103.6	90.3	85.9	99.7	116.5
	2030	100.2	94.7	89.0	99.2	106.7	112.0	112.8	117.1	113.6	104.2	90.8	86.4	100.2	117.1
Projected	2031	100.8	95.3	89.5	99.7	107.3	112.6	113.4	117.7	114.2	104.8	91.3	87.1	100.8	117.7
	2032	101.5	95.9	90.1	100.4	108.0	113.4	114.1	118.4	114.9	105.4	91.9	87.6	101.5	118.4
	2033	102.1	96.5	90.7	101.1	108.8	114.2	115.0	119.3	115.7	106.2	92.6	88.2	102.1	119.3
	2034	102.9	97.2	91.4	101.8	109.6	115.0	115.8	120.1	116.6	107.0	93.3	88.9	102.9	120.1
	2035	103.6	98.0	92.1	102.6	110.4	115.9	116.7	121.0	117.4	107.8	94.1	89.7	103.6	121.0
	2036	104.5	98.8	92.7	103.3	111.1	116.6	117.4	121.8	118.2	108.5	94.7	90.0	104.5	121.8
	2037	105.0	99.2	93.3	103.8	111.7	117.2	118.0	122.5	118.8	109.1	95.2	90.6	105.0	122.5
	2038	105.6	99.8	93.8	104.4	112.3	117.8	118.6	123.0	119.4	109.6	95.7	91.0	105.6	123.0
	2039	106.1	100.3	94.3	104.9	112.9	118.4	119.2	123.7	120.0	110.2	96.2	91.7	106.1	123.7
	2040	106.9	101.0	94.9	105.5	113.6	119.0	119.9	124.4	120.7	110.9	96.8	92.0	106.9	124.4

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	99.4%	100.0%	84.0%	95.4%	93.0%	94.1%	96.7%	95.6%	100.0%	96.5%	97.2%	95.8%	100.0%	95.5%
	2012	100.0%	100.0%	98.7%	100.0%	90.4%	93.1%	95.4%	96.8%	90.5%	94.7%	99.6%	87.6%	100.0%	93.8%
	2013	76.8%	97.6%	100.0%	100.0%	99.6%	98.0%	89.8%	97.3%	97.1%	93.6%	97.5%	87.6%	100.0%	97.3%
	2014	100.0%	89.9%	91.7%	97.3%	98.3%	96.4%	98.7%	97.8%	94.2%	100.0%	65.5%	100.0%	100.0%	97.8%
	2015	83.4%	100.0%	97.0%	87.5%	99.5%	98.6%	95.9%	92.9%	96.4%	99.2%	98.4%	96.5%	100.0%	96.5%
	2016	100.0%	100.0%	93.6%	95.7%	94.9%	97.3%	98.3%	97.6%	97.9%	94.5%	92.7%	92.3%	98.4%	98.3%
	2017	79.8%	97.3%	96.6%	97.5%	99.6%	96.0%	98.3%	100.0%	100.0%	97.9%	94.8%	95.2%	96.6%	100.0%
	2018	92.0%	99.5%	97.8%	94.0%	92.3%	97.4%	92.6%	100.0%	98.7%	97.4%	98.1%	82.8%	92.0%	99.7%
	2019	99.3%	99.3%	100.0%	98.9%	96.4%	98.4%	90.3%	97.7%	96.3%	97.9%	99.8%	96.2%	98.1%	97.8%
	2020	98.2%	100.0%	95.8%	90.0%	96.0%	99.3%	96.0%	99.9%	97.6%	97.2%	92.1%	93.5%	95.3%	98.2%
Projected	2021	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2022	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2023	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2024	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2025	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2026	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2027	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2028	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2029	92.9%	98.4%	95.3%	95.8%	96.4%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2030	92.9%	98.4%	95.3%	95.8%	96.4%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2011-2020	92.9%	98.4%	95.5%	95.6%	96.0%	96.9%	95.2%	97.6%	96.9%	96.9%	93.6%	92.7%	98.0%	97.5%
	2021-2030	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%

FMPA 2021 Load Forecast - Severe Weather Case - Ft Pierce

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

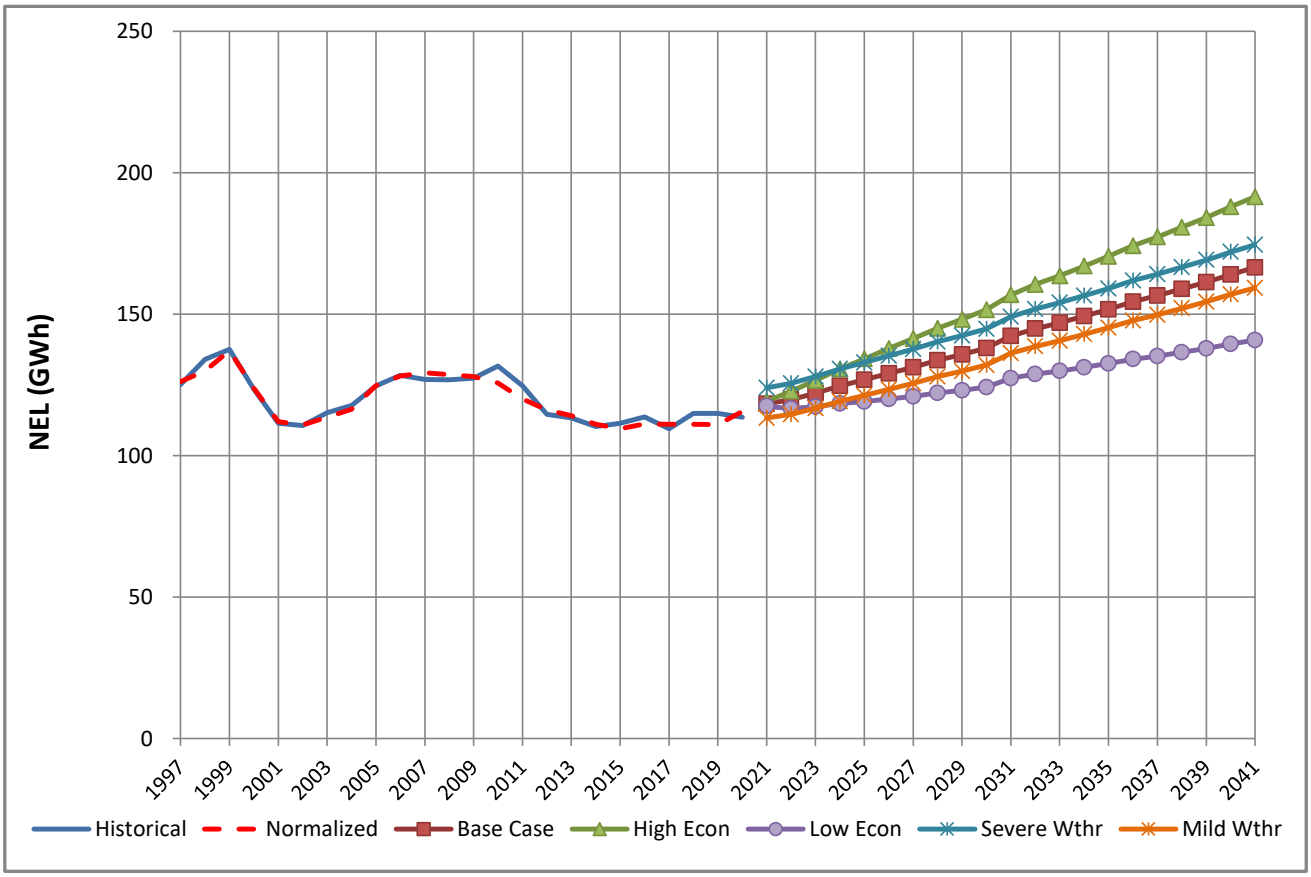
		Residential						General Service						Res. Lights		City Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	216,942		22,733		9,543		301,655		5,018		60.1		5,989		5,860		530,446		21,981	4.0%	552,427	
	2012	204,343	-5.8%	22,785	0.2%	8,968	-6.0%	303,115	0.5%	5,016	-0.1%	60.4	0.5%	5,958	-0.5%	6,024	2.8%	519,440	-2.1%	17,675	3.3%	537,115	-2.8%
	2013	203,586	-0.4%	22,631	-0.7%	8,996	0.3%	294,790	-2.7%	4,999	-0.3%	59.0	-2.4%	5,919	-0.7%	6,071	0.8%	510,366	-1.7%	21,671	4.1%	532,037	-0.9%
	2014	212,712	4.5%	23,045	1.8%	9,230	2.6%	297,437	0.9%	5,052	1.1%	58.9	-0.2%	5,906	-0.2%	6,050	-0.3%	522,105	2.3%	22,645	4.2%	544,750	2.4%
	2015	227,451	6.9%	23,148	0.4%	9,826	6.5%	302,088	1.6%	5,073	0.4%	59.5	1.1%	5,932	0.4%	4,506	-25.5%	539,977	3.4%	19,085	3.4%	559,062	2.6%
	2016	238,720	5.0%	23,218	0.3%	10,282	4.6%	307,623	1.8%	5,082	0.2%	60.5	1.7%	6,030	1.7%	3,981	-11.7%	556,354	3.0%	26,797	4.6%	583,151	4.3%
	2017	235,521	-1.3%	23,205	-0.1%	10,150	-1.3%	308,779	0.4%	5,083	0.0%	60.7	0.4%	6,227	3.3%	3,900	-2.0%	554,427	-0.3%	15,208	2.7%	569,635	-2.3%
	2018	233,074	-1.0%	23,184	-0.1%	10,053	-1.0%	300,684	-2.6%	5,081	0.0%	59.2	-2.6%	6,227	0.0%	3,910	0.3%	543,895	-1.9%	28,823	5.0%	572,718	0.5%
	2019	246,354	5.7%	23,402	0.9%	10,527	4.7%	313,050	4.1%	5,125	0.9%	61.1	3.2%	5,979	-4.0%	4,019	2.8%	569,402	4.7%	8,648	1.5%	578,050	0.9%
	2020	252,227	2.4%	23,586	0.8%	10,694	1.6%	305,170	-2.5%	5,163	0.7%	59.1	-3.2%	5,457	-8.7%	4,020	0.0%	566,874	-0.4%	21,818	3.7%	588,692	1.8%
Projected	2021	273,248	8.3%	23,715	0.5%	11,522	7.7%	313,455	2.7%	5,185	0.4%	60.5	2.3%	5,457	0.0%	4,020	0.0%	596,180	5.2%	22,334	3.6%	618,513	5.1%
	2022	276,294	1.1%	23,834	0.5%	11,592	0.6%	313,818	0.1%	5,205	0.4%	60.3	-0.3%	5,457	0.0%	4,020	0.0%	599,589	0.6%	21,163	3.4%	620,752	0.4%
	2023	275,294	-0.4%	23,965	0.5%	11,488	-0.9%	313,893	0.0%	5,224	0.4%	60.1	-0.4%	5,457	0.0%	4,020	0.0%	598,665	-0.2%	21,066	3.4%	619,731	-0.2%
	2024	271,407	-1.4%	24,089	0.5%	11,267	-1.9%	315,032	0.4%	5,243	0.4%	60.1	0.0%	5,457	0.0%	4,020	0.0%	595,916	-0.5%	22,682	3.7%	618,598	-0.2%
	2025	269,579	-0.7%	24,209	0.5%	11,135	-1.2%	315,502	0.1%	5,260	0.3%	60.0	-0.2%	5,457	0.0%	4,020	0.0%	594,558	-0.2%	20,934	3.4%	615,492	-0.5%
	2026	269,068	-0.2%	24,323	0.5%	11,062	-0.7%	315,396	0.0%	5,277	0.3%	59.8	-0.3%	5,457	0.0%	4,020	0.0%	593,941	-0.1%	20,913	3.4%	614,854	-0.1%
	2027	269,718	0.2%	24,430	0.4%	11,040	-0.2%	315,473	0.0%	5,292	0.3%	59.6	-0.3%	5,457	0.0%	4,020	0.0%	594,668	0.1%	20,947	3.4%	615,615	0.1%
	2028	271,635	0.7%	24,534	0.4%	11,072	0.3%	316,130	0.2%	5,307	0.3%	59.6	-0.1%	5,457	0.0%	4,020	0.0%	597,242	0.4%	22,752	3.7%	619,995	0.7%
	2029	273,985	0.9%	24,636	0.4%	11,122	0.5%	316,868	0.2%	5,321	0.3%	59.5	0.0%	5,457	0.0%	4,020	0.0%	600,330	0.5%	21,152	3.4%	621,482	0.2%
	2030	276,393	0.9%	24,734	0.4%	11,175	0.5%	317,442	0.2%	5,335	0.3%	59.5	-0.1%	5,457	0.0%	4,020	0.0%	603,312	0.5%	21,257	3.4%	624,570	0.5%
	2031	279,307	1.1%	24,827	0.4%	11,250	0.7%	317,879	0.1%	5,348	0.2%	59.4	-0.1%	5,457	0.0%	4,020	0.0%	606,663	0.6%	21,373	3.4%	628,035	0.6%
	2032	282,415	1.1%	24,913	0.3%	11,336	0.8%	318,440	0.2%	5,360	0.2%	59.4	0.0%	5,457	0.0%	4,020	0.0%	610,332	0.6%	23,247	3.7%	633,579	0.9%
	2033	285,949	1.3%	24,996	0.3%	11,440	0.9%	319,296	0.3%	5,371	0.2%	59.4	0.1%	5,457	0.0%	4,020	0.0%	614,721	0.7%	21,659	3.4%	636,380	0.4%
	2034	289,551	1.3%	25,078	0.3%	11,546	0.9%	320,203	0.3%	5,382	0.2%	59.5	0.1%	5,457	0.0%	4,020	0.0%	619,231	0.7%	21,815	3.4%	641,046	0.7%
	2035	293,307	1.3%	25,159	0.3%	11,658	1.0%	321,051	0.3%	5,393	0.2%	59.5	0.1%	5,457	0.0%	4,020	0.0%	623,835	0.7%	21,976	3.4%	645,810	0.7%
	2036	296,875	1.2%	25,237	0.3%	11,763	0.9%	321,813	0.2%	5,403	0.2%	59.6	0.0%	5,457	0.0%	4,020	0.0%	628,165	0.7%	23,920	3.7%	652,085	1.0%
	2037	299,819	1.0%	25,312	0.3%	11,845	0.7%	322,356	0.2%	5,413	0.2%	59.6	0.0%	5,457	0.0%	4,020	0.0%	631,652	0.6%	22,242	3.4%	653,894	0.3%
	2038	302,880	1.0%	25,386	0.3%	11,931	0.7%	322,670	0.1%	5,422	0.2%	59.5	-0.1%	5,457	0.0%	4,020	0.0%	635,027	0.5%	22,356	3.4%	657,383	0.5%
	2039	305,916	1.0%	25,460	0.3%	12,015	0.7%	322,880	0.1%	5,431	0.2%	59.5	-0.1%	5,457	0.0%	4,020	0.0%	638,273	0.5%	22,470	3.4%	660,743	0.5%
	2040	309,471	1.2%	25,534	0.3%	12,120	0.9%	323,038	0.0%	5,439	0.2%	59.4	-0.1%	5,457	0.0%	4,020	0.0%	641,986	0.6%	24,438	3.7%	666,424	0.9%
CAGR	2011-2020		1.7%		0.4%		1.3%		0.1%		0.3%		-0.2%		-1.0%		-4.1%		0.7%		3.6%		0.7%
	2021-2030		0.1%		0.5%		-0.3%		0.1%		0.3%		-0.2%		0.0%		0.0%		0.1%		3.5%		0.1%
	2031-2040		1.1%		0.3%		0.8%		0.2%		0.2%		0.0%		0.0%		0.0%		0.6%		3.5%		0.7%

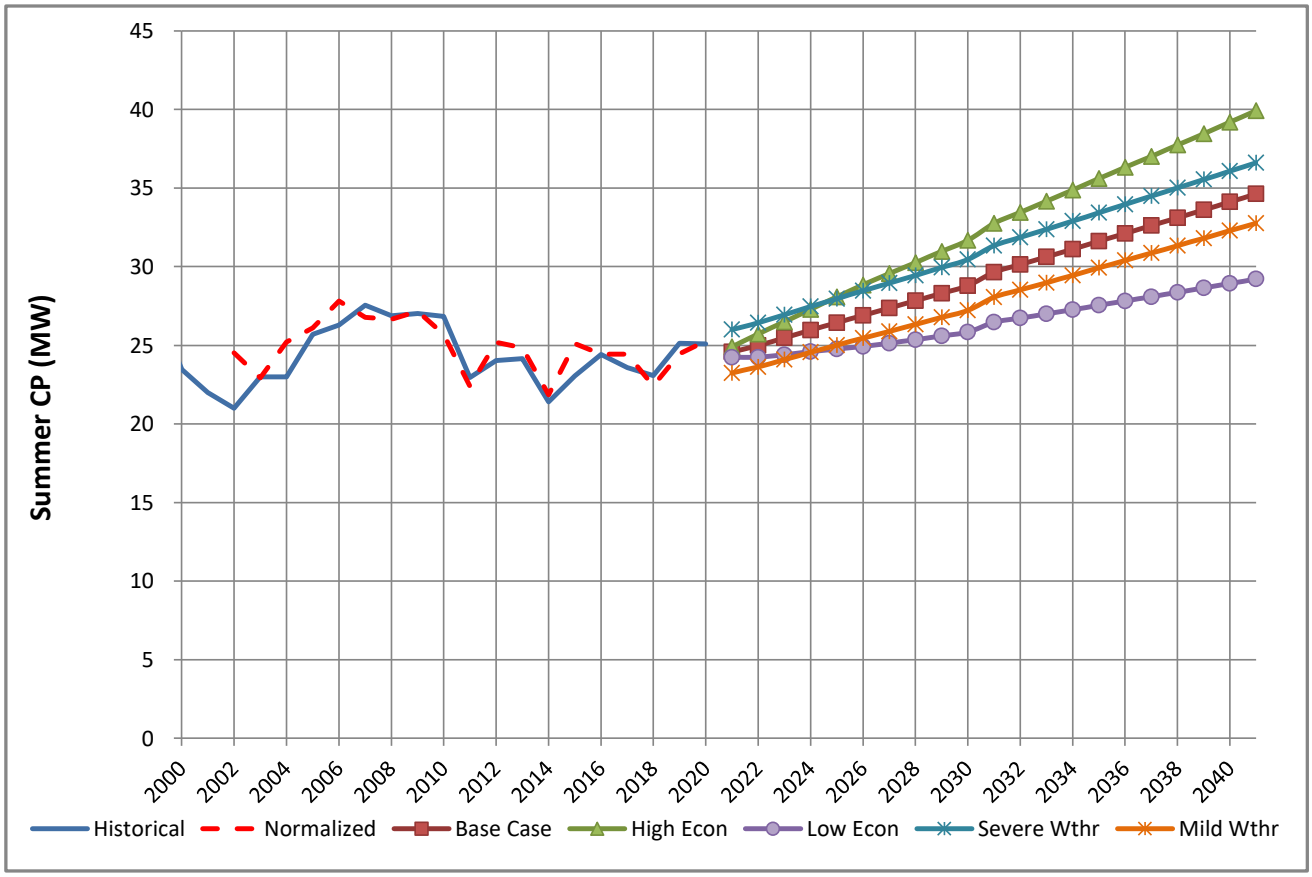
CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast

Green Cove Springs

Historical and Projected NEL and Annual Coincident Peak Demand





FMPA 2021 Load Forecast - Low Economic Case

Green Cove Springs (Full Req'ts)

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	124,697	-	119,994	-	-3.8%	29.6	-	29.8	-	0.4%	23.0	-	22.6		-1.7%
	2012	114,590	-8.1%	116,139	-3.2%	1.4%	26.6	-10.3%	25.2	-15.3%	-5.2%	24.0	4.7%	24.9	10.5%	3.8%
	2013	113,318	-1.1%	114,105	-1.8%	0.7%	24.4	-8.3%	26.8	6.4%	10.0%	24.2	0.5%	24.6	-1.4%	1.8%
	2014	110,365	-2.6%	111,110	-2.6%	0.7%	24.2	-0.6%	26.5	-1.1%	9.4%	21.4	-11.4%	21.6	-12.1%	1.0%
	2015	111,412	0.9%	109,497	-1.5%	-1.7%	27.5	13.7%	26.6	0.2%	-3.5%	23.1	7.7%	25.1	16.1%	8.9%
	2016	113,675	2.0%	111,175	1.5%	-2.2%	19.6	-28.8%	26.3	-0.9%	34.3%	24.4	5.9%	24.4	-2.6%	0.1%
	2017	109,525	-3.7%	111,101	-0.1%	1.4%	16.8	-14.1%	23.7	-10.0%	40.7%	23.6	-3.4%	24.4	-0.1%	3.6%
	2018	114,995	5.0%	111,139	0.0%	-3.4%	30.6	81.5%	29.0	22.4%	-5.1%	23.1	-2.1%	22.4	-8.2%	-2.9%
	2019	114,909	-0.1%	110,994	-0.1%	-3.4%	17.6	-42.6%	31.4	8.1%	78.7%	25.1	8.8%	24.5	9.1%	-2.6%
	2020	113,625	-1.1%	115,619	4.2%	1.8%	19.6	11.4%	28.8	-8.3%	47.1%	25.1	-0.2%	25.3	3.3%	0.8%
Projected	2021	117,489	3.4%	117,489	1.6%		27.5	40.7%	27.5	-4.4%		24.2	-3.4%	24.2	-4.1%	
	2022			116,664	-0.7%				27.2	-1.1%				24.2	0.0%	
	2023			117,360	0.6%				27.3	0.6%				24.4	0.7%	
	2024			118,459	0.9%				27.4	0.3%				24.6	0.8%	
	2025			119,174	0.6%				27.8	1.2%				24.8	0.7%	
	2026			119,994	0.7%				27.9	0.7%				24.9	0.7%	
	2027			120,933	0.8%				28.2	0.7%				25.1	0.8%	
	2028			122,188	1.0%				28.3	0.5%				25.4	0.9%	
	2029			123,090	0.7%				28.7	1.3%				25.6	0.9%	
	2030			124,256	0.9%				28.9	0.9%				25.8	1.0%	
	2031			127,373	2.5%				29.6	2.5%				26.5	2.4%	
	2032			128,836	1.1%				29.8	0.6%				26.7	1.0%	
	2033			129,924	0.8%				30.2	1.4%				27.0	1.0%	
	2034			131,224	1.0%				30.5	1.0%				27.3	1.0%	
	2035			132,542	1.0%				30.8	1.0%				27.5	1.0%	
	2036			134,111	1.2%				31.0	0.6%				27.8	1.0%	
	2037			135,204	0.8%				31.5	1.4%				28.1	1.0%	
	2038			136,538	1.0%				31.8	1.0%				28.4	1.0%	
	2039			137,891	1.0%				32.1	1.0%				28.6	1.0%	
	2040			139,492	1.2%				32.3	0.6%				28.9	1.0%	
CAGR [3]	2011-2020		-1.0%		-0.4%			-4.5%		-0.4%			1.0%		1.3%	
	2021-2030				0.6%					0.6%					0.7%	
	2031-2040				1.0%					1.0%					1.0%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Green Cove Springs (Full Req'ts)

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	124,697	-	124,697	-	31.1	26.6	31.1	26.6	29.6	23.0	29.6	23.0
	2012	114,590	-8.1%	114,590	-8.1%	27.0	24.1	27.0	24.1	26.6	24.0	26.6	24.0
	2013	113,318	-1.1%	113,318	-1.1%	26.2	24.7	26.2	24.7	24.4	24.2	24.4	24.2
	2014	110,365	-2.6%	110,365	-2.6%	26.8	24.1	26.8	24.1	24.2	21.4	24.2	21.4
	2015	111,412	0.9%	111,412	0.9%	27.5	24.6	27.5	24.6	27.5	23.1	27.5	23.1
	2016	113,675	2.0%	113,675	2.0%	26.1	25.1	26.1	25.1	19.6	24.4	19.6	24.4
	2017	109,525	-3.7%	109,525	-3.7%	23.8	25.0	23.8	25.0	16.8	23.6	16.8	23.6
	2018	114,995	5.0%	114,995	5.0%	31.1	23.9	31.1	23.9	30.6	23.1	30.6	23.1
	2019	114,909	-0.1%	114,909	-0.1%	24.4	25.4	24.4	25.4	17.6	25.1	17.6	25.1
	2020	113,625	-1.1%	113,577	-1.2%	24.4	25.9	27.2	24.7	19.6	25.1	26.6	23.5
Projected	2021	117,489	3.4%	113,043	-0.5%	28.2	25.5	27.2	24.7	27.5	24.2	26.5	23.5
	2022	116,664	-0.7%	113,439	0.4%	27.8	25.5	27.3	24.8	27.2	24.2	26.6	23.6
	2023	117,360	0.6%	113,872	0.4%	28.0	25.6	27.4	24.9	27.3	24.4	26.7	23.7
	2024	118,459	0.9%	114,558	0.6%	28.1	25.8	27.4	25.0	27.4	24.6	26.7	23.8
	2025	119,174	0.6%	114,973	0.4%	28.4	26.0	27.6	25.1	27.8	24.8	27.0	23.9
	2026	119,994	0.7%	115,760	0.7%	28.6	26.2	27.8	25.3	27.9	24.9	27.2	24.1
	2027	120,933	0.8%	116,658	0.8%	28.8	26.4	28.0	25.5	28.2	25.1	27.4	24.3
	2028	122,188	1.0%	117,787	1.0%	29.0	26.6	28.1	25.7	28.3	25.4	27.5	24.5
	2029	123,090	0.7%	118,575	0.7%	29.3	26.9	28.5	25.9	28.7	25.6	27.8	24.7
	2030	124,256	0.9%	121,746	2.7%	29.6	27.1	29.2	26.6	28.9	25.8	28.5	25.4
	2031	127,373	2.5%	122,893	0.9%	30.4	27.8	29.5	26.8	29.6	26.5	28.8	25.6
	2032	128,836	1.1%	124,178	1.0%	30.5	28.1	29.6	27.1	29.8	26.7	28.9	25.8
	2033	129,924	0.8%	125,058	0.7%	31.0	28.4	30.0	27.3	30.2	27.0	29.3	26.0
	2034	131,224	1.0%	126,138	0.9%	31.3	28.6	30.3	27.5	30.5	27.3	29.6	26.3
	2035	132,542	1.0%	127,229	0.9%	31.6	28.9	30.5	27.8	30.8	27.5	29.8	26.5
	2036	134,111	1.2%	128,515	1.0%	31.8	29.2	30.7	28.0	31.0	27.8	30.0	26.7
	2037	135,204	0.8%	129,358	0.7%	32.2	29.5	31.1	28.2	31.5	28.1	30.3	26.9
	2038	136,538	1.0%	130,416	0.8%	32.5	29.8	31.3	28.5	31.8	28.4	30.6	27.1
	2039	137,891	1.0%	131,459	0.8%	32.9	30.1	31.6	28.7	32.1	28.6	30.8	27.4
	2040	139,492	1.2%			33.1	30.4			32.3	28.9		
CAGR[1]	Historical		-1.0%		-1.0%	-2.7%	-0.3%	-3.0%	-0.6%	-3.8%	0.5%	-5.7%	0.6%
	1st 10 Prj Yrs		0.6%		0.5%	0.6%	0.7%	0.5%	0.5%	0.6%	0.7%	0.5%	0.5%
	2nd 10 Prj Yrs		1.0%		0.9%	1.0%	1.0%	0.9%	0.8%	1.0%	1.0%	0.9%	0.8%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Green Cove Springs (Full Req'ts)

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	124,697	-	119,994	-	-3.8%	29.6	-	29.8	-	0.4%	23.0	-	22.6		-1.7%
	2012	114,590	-8.1%	116,139	-3.2%	1.4%	26.6	-10.3%	25.2	-15.3%	-5.2%	24.0	4.7%	24.9	10.5%	3.8%
	2013	113,318	-1.1%	114,105	-1.8%	0.7%	24.4	-8.3%	26.8	6.4%	10.0%	24.2	0.5%	24.6	-1.4%	1.8%
	2014	110,365	-2.6%	111,110	-2.6%	0.7%	24.2	-0.6%	26.5	-1.1%	9.4%	21.4	-11.4%	21.6	-12.1%	1.0%
	2015	111,412	0.9%	109,497	-1.5%	-1.7%	27.5	13.7%	26.6	0.2%	-3.5%	23.1	7.7%	25.1	16.1%	8.9%
	2016	113,675	2.0%	111,175	1.5%	-2.2%	19.6	-28.8%	26.3	-0.9%	34.3%	24.4	5.9%	24.4	-2.6%	0.1%
	2017	109,525	-3.7%	111,101	-0.1%	1.4%	16.8	-14.1%	23.7	-10.0%	40.7%	23.6	-3.4%	24.4	-0.1%	3.6%
	2018	114,995	5.0%	111,139	0.0%	-3.4%	30.6	81.5%	29.0	22.4%	-5.1%	23.1	-2.1%	22.4	-8.2%	-2.9%
	2019	114,909	-0.1%	110,994	-0.1%	-3.4%	17.6	-42.6%	31.4	8.1%	78.7%	25.1	8.8%	24.5	9.1%	-2.6%
	2020	113,625	-1.1%	114,333	3.0%	0.6%	19.6	11.4%	28.8	-8.3%	47.1%	25.1	-0.2%	25.3	3.3%	0.8%
Projected	2021	117,394	3.3%	117,394	2.7%		27.5	40.7%	27.5	-4.4%		24.2	-3.5%	24.2	-4.2%	
	2022			116,523	-0.7%				27.2	-1.1%				24.2	0.0%	
	2023			117,172	0.6%				27.3	0.6%				24.4	0.6%	
	2024			118,217	0.9%				27.4	0.3%				24.5	0.7%	
	2025			118,872	0.6%				27.8	1.2%				24.7	0.7%	
	2026			119,607	0.6%				27.9	0.7%				24.8	0.6%	
	2027			120,452	0.7%				28.2	0.7%				25.0	0.7%	
	2028			121,606	1.0%				28.3	0.5%				25.2	0.8%	
	2029			122,403	0.7%				28.7	1.3%				25.4	0.8%	
	2030			123,459	0.9%				28.9	0.9%				25.6	0.9%	
	2031			126,506	2.5%				29.6	2.5%				26.3	2.4%	
	2032			127,897	1.1%				29.8	0.6%				26.5	0.9%	
	2033			128,918	0.8%				30.2	1.4%				26.8	1.0%	
	2034			130,142	0.9%				30.5	1.0%				27.0	0.9%	
	2035			131,379	1.0%				30.8	1.0%				27.3	1.0%	
	2036			132,860	1.1%				31.0	0.6%				27.5	0.9%	
	2037			133,922	0.8%				31.5	1.4%				27.8	1.0%	
	2038			135,168	0.9%				31.8	1.0%				28.0	0.9%	
	2039			136,484	1.0%				32.1	1.0%				28.3	1.0%	
	2040			137,991	1.1%				32.3	0.6%				28.6	0.9%	
CAGR [3]	2011-2020		-1.0%		-0.5%			-4.5%		-0.4%			1.0%		1.3%	
	2021-2030				0.6%					0.6%					0.6%	
	2031-2040				1.0%					1.0%					0.9%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Green Cove Springs (Full Req'ts)

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	124,697	-	119,994	-	-3.8%	31.1	-	45.7%	26.6	-	53.6%
	2012	114,590	-8.1%	116,139	-3.2%	1.4%	27.0	-13.2%	48.4%	24.1	-9.4%	54.4%
	2013	113,318	-1.1%	114,105	-1.8%	0.7%	26.2	-3.1%	49.3%	24.7	2.6%	52.4%
	2014	110,365	-2.6%	111,110	-2.6%	0.7%	26.8	2.1%	47.1%	24.1	-2.4%	52.3%
	2015	111,412	0.9%	109,497	-1.5%	-1.7%	27.5	2.8%	46.2%	24.6	2.2%	51.7%
	2016	113,675	2.0%	111,175	1.5%	-2.2%	26.1	-5.1%	49.7%	25.1	2.0%	51.7%
	2017	109,525	-3.7%	111,101	-0.1%	1.4%	23.8	-8.8%	52.5%	25.0	-0.5%	50.1%
	2018	114,995	5.0%	111,139	0.0%	-3.4%	31.1	30.7%	42.2%	23.9	-4.3%	54.9%
	2019	114,909	-0.1%	110,994	-0.1%	-3.4%	24.4	-21.7%	53.8%	25.4	6.3%	51.6%
	2020	113,625	-1.1%	115,619	4.2%	1.8%	24.4	-0.1%	53.2%	25.9	1.8%	50.1%
Projected	2021	117,394	3.3%	117,394	1.5%		28.2	15.6%	47.6%	25.4	-1.7%	52.7%
	2022	116,523	-0.7%	116,523	-0.7%		27.8	-1.1%	47.8%	25.4	0.0%	52.3%
	2023	117,172	0.6%	117,172	0.6%		28.0	0.6%	47.8%	25.6	0.6%	52.3%
	2024	118,217	0.9%	118,217	0.9%		28.1	0.3%	48.0%	25.8	0.7%	52.4%
	2025	118,872	0.6%	118,872	0.6%		28.4	1.2%	47.7%	25.9	0.7%	52.3%
	2026	119,607	0.6%	119,607	0.6%		28.6	0.7%	47.7%	26.1	0.6%	52.3%
	2027	120,452	0.7%	120,452	0.7%		28.8	0.7%	47.7%	26.3	0.7%	52.3%
	2028	121,606	1.0%	121,606	1.0%		29.0	0.5%	47.9%	26.5	0.8%	52.4%
	2029	122,403	0.7%	122,403	0.7%		29.3	1.3%	47.6%	26.7	0.8%	52.3%
	2030	123,459	0.9%	123,459	0.9%		29.6	0.9%	47.6%	26.9	0.9%	52.3%
	2031	126,506	2.5%	126,506	2.5%		30.4	2.5%	47.6%	27.6	2.4%	52.4%
	2032	127,897	1.1%	127,897	1.1%		30.5	0.6%	47.8%	27.8	0.9%	52.4%
	2033	128,918	0.8%	128,918	0.8%		31.0	1.4%	47.5%	28.1	1.0%	52.4%
	2034	130,142	0.9%	130,142	0.9%		31.3	1.0%	47.5%	28.4	0.9%	52.4%
	2035	131,379	1.0%	131,379	1.0%		31.6	1.0%	47.5%	28.6	1.0%	52.4%
	2036	132,860	1.1%	132,860	1.1%		31.8	0.6%	47.7%	28.9	0.9%	52.5%
	2037	133,922	0.8%	133,922	0.8%		32.2	1.4%	47.4%	29.2	1.0%	52.4%
	2038	135,168	0.9%	135,168	0.9%		32.5	1.0%	47.4%	29.5	0.9%	52.4%
	2039	136,484	1.0%	136,484	1.0%		32.9	1.0%	47.4%	29.7	1.0%	52.4%
	2040	137,991	1.1%	137,991	1.1%		33.1	0.6%	47.6%	30.0	0.9%	52.5%
CAGR [1]	2011-2020		-1.0%		-0.4%			-2.7%	48.8%		-0.3%	52.3%
	2021-2030		0.6%		0.6%			0.6%	47.7%		0.6%	52.4%
	2031-2040		1.0%		1.0%			1.0%	47.6%		0.9%	52.4%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Green Cove Springs (Full Req'ts)

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	10,950	8,452	8,546	9,385	10,597	11,595	11,932	12,839	10,904	8,644	7,945	8,472	120,260	124,697
	2012	9,414	8,050	8,572	8,749	10,195	10,240	11,988	11,478	10,842	9,436	8,334	8,689	115,988	114,590
	2013	8,465	7,984	8,699	8,172	9,284	10,801	11,102	11,821	10,530	9,152	7,650	8,138	111,799	113,318
	2014	10,437	7,788	7,918	7,898	9,380	9,977	10,835	11,363	9,827	8,551	7,942	8,502	110,419	110,365
	2015	9,237	8,553	7,907	8,377	9,876	10,532	11,085	10,939	9,911	8,499	7,972	7,930	110,818	111,412
	2016	9,610	8,383	7,952	8,039	9,664	11,042	12,184	11,886	10,514	8,582	7,621	8,143	113,620	113,675
	2017	8,490	7,083	8,151	8,569	10,035	10,132	11,416	11,578	9,725	9,744	7,527	8,795	111,246	109,525
	2018	11,446	7,374	8,048	7,821	9,540	10,666	10,938	11,657	11,439	9,725	8,047	8,676	115,376	114,995
	2019	9,353	7,257	7,913	8,193	10,712	10,990	11,279	11,777	10,988	9,849	7,613	8,040	113,964	114,909
	2020	8,765	7,960	8,708	8,020	9,325	10,628	12,131	11,907	10,678	9,444	8,415	9,148	115,129	113,625
Projected	2021	9,946	8,377	8,610	8,355	9,781	10,842	11,701	11,823	10,950	9,270	8,249	8,994	116,900	117,394
	2022	9,851	8,306	8,532	8,300	9,725	10,812	11,694	11,824	10,966	9,296	8,281	9,042	116,629	116,523
	2023	9,905	8,353	8,581	8,350	9,787	10,879	11,765	11,898	11,036	9,359	8,341	9,109	117,361	117,172
	2024	9,972	8,608	8,644	8,416	9,863	10,960	11,850	11,980	11,115	9,431	8,405	9,181	118,426	118,217
	2025	10,046	8,475	8,709	8,480	9,937	11,036	11,928	12,057	11,186	9,491	8,460	9,243	119,048	118,872
	2026	10,107	8,528	8,762	8,533	10,000	11,103	11,998	12,128	11,254	9,551	8,514	9,307	119,786	119,607
	2027	10,177	8,589	8,822	8,594	10,073	11,183	12,086	12,218	11,338	9,623	8,579	9,384	120,666	120,452
	2028	10,261	8,862	8,891	8,661	10,153	11,270	12,181	12,315	11,427	9,700	8,647	9,463	121,829	121,606
	2029	10,348	8,734	8,962	8,731	10,237	11,363	12,281	12,417	11,522	9,781	8,718	9,547	122,640	122,403
	2030	10,440	8,812	9,038	8,805	10,325	11,460	12,387	12,524	11,622	10,029	8,945	9,791	124,178	123,459
Projected	2031	10,684	9,038	9,263	9,028	10,588	11,738	12,681	12,819	11,902	10,122	9,026	9,882	126,771	126,506
	2032	10,784	9,336	9,348	9,111	10,687	11,847	12,799	12,940	12,015	10,219	9,113	9,980	128,179	127,897
	2033	10,891	9,214	9,438	9,198	10,790	11,960	12,922	13,063	12,130	10,317	9,200	10,078	129,200	128,918
	2034	10,997	9,305	9,527	9,285	10,892	12,072	13,043	13,185	12,243	10,413	9,285	10,175	130,421	130,142
	2035	11,102	9,395	9,616	9,372	10,996	12,186	13,167	13,311	12,361	10,514	9,375	10,277	131,672	131,379
	2036	11,213	9,710	9,708	9,461	11,100	12,300	13,290	13,436	12,476	10,617	9,466	10,377	133,153	132,860
	2037	11,322	9,582	9,801	9,552	11,207	12,419	13,418	13,565	12,596	10,715	9,553	10,476	134,206	133,922
	2038	11,430	9,674	9,891	9,639	11,311	12,533	13,542	13,691	12,713	10,819	9,646	10,579	135,468	135,168
	2039	11,542	9,769	9,987	9,733	11,421	12,654	13,674	13,824	12,836	10,920	9,735	10,681	136,776	136,484
	2040	11,653	10,094	10,080	9,823	11,527	12,771	13,801	13,952	12,956	11,022	9,825	10,784	138,287	137,991

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	9.1%	7.0%	7.1%	7.8%	8.8%	9.6%	9.9%	10.7%	9.1%	7.2%	6.6%	7.0%	100.0%
	2012	8.1%	6.9%	7.4%	7.5%	8.8%	8.8%	10.3%	9.9%	9.3%	8.1%	7.2%	7.5%	100.0%
	2013	7.6%	7.1%	7.8%	7.3%	8.3%	9.7%	9.9%	10.6%	9.4%	8.2%	6.8%	7.3%	100.0%
	2014	9.5%	7.1%	7.2%	7.2%	8.5%	9.0%	9.8%	10.3%	8.9%	7.7%	7.2%	7.7%	100.0%
	2015	8.3%	7.7%	7.1%	7.6%	8.9%	9.5%	10.0%	9.9%	8.9%	7.7%	7.2%	7.2%	100.0%
	2016	8.5%	7.4%	7.0%	7.1%	8.5%	9.7%	10.7%	10.5%	9.3%	7.6%	6.7%	7.2%	100.0%
	2017	7.6%	6.4%	7.3%	7.7%	9.0%	9.1%	10.3%	10.4%	8.7%	8.8%	6.8%	7.9%	100.0%
	2018	9.9%	6.4%	7.0%	6.8%	8.3%	9.2%	9.5%	10.1%	9.9%	8.4%	7.0%	7.5%	100.0%
	2019	8.2%	6.4%	6.9%	7.2%	9.4%	9.6%	9.9%	10.3%	9.6%	8.6%	6.7%	7.1%	100.0%
	2020	7.6%	6.9%	7.6%	7.0%	8.1%	9.2%	10.5%	10.3%	9.3%	8.2%	7.3%	7.9%	100.0%
Projected	2021	8.5%	7.2%	7.4%	7.1%	8.4%	9.3%	10.0%	10.1%	9.4%	7.9%	7.1%	7.7%	100.0%
	2022	8.4%	7.1%	7.3%	7.1%	8.3%	9.3%	10.0%	10.1%	9.4%	8.0%	7.1%	7.8%	100.0%
	2023	8.4%	7.1%	7.3%	7.1%	8.3%	9.3%	10.0%	10.1%	9.4%	8.0%	7.1%	7.8%	100.0%
	2024	8.4%	7.3%	7.3%	7.1%	8.3%	9.3%	10.0%	10.1%	9.4%	8.0%	7.1%	7.8%	100.0%
	2025	8.4%	7.1%	7.3%	7.1%	8.3%	9.3%	10.0%	10.1%	9.4%	8.0%	7.1%	7.8%	100.0%
	2026	8.4%	7.1%	7.3%	7.1%	8.3%	9.3%	10.0%	10.1%	9.4%	8.0%	7.1%	7.8%	100.0%
	2027	8.4%	7.1%	7.3%	7.1%	8.3%	9.3%	10.0%	10.1%	9.4%	8.0%	7.1%	7.8%	100.0%
	2028	8.4%	7.3%	7.3%	7.1%	8.3%	9.3%	10.0%	10.1%	9.4%	8.0%	7.1%	7.8%	100.0%
	2029	8.4%	7.1%	7.3%	7.1%	8.3%	9.3%	10.0%	10.1%	9.4%	8.0%	7.1%	7.8%	100.0%
	2030	8.4%	7.1%	7.3%	7.1%	8.3%	9.2%	10.0%	10.1%	9.4%	8.1%	7.2%	7.9%	100.0%
Avg.	2011-2020	8.4%	6.9%	7.2%	7.3%	8.7%	9.4%	10.1%	10.3%	9.3%	8.1%	6.9%	7.4%	100.0%
	2021-2030	8.4%	7.2%	7.3%	7.1%	8.3%	9.3%	10.0%	10.1%	9.4%	8.0%	7.1%	7.8%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Low Economic Case

Green Cove Springs (Full Req'ts)

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	31.1	23.7	16.3	21.9	24.1	25.3	24.4	26.6	22.9	18.2	15.9	18.9	31.1	26.6
	2012	26.6	27.0	17.1	19.8	22.0	22.6	24.1	23.9	23.0	21.5	21.5	21.2	27.0	24.1
	2013	21.5	26.2	24.4	18.1	20.1	23.7	22.9	24.7	23.2	20.2	17.3	18.5	26.2	24.7
	2014	26.8	23.6	18.7	19.6	20.5	22.2	23.1	24.1	23.4	19.4	24.7	20.3	26.8	24.1
	2015	23.7	27.5	15.0	18.6	22.1	24.6	23.8	24.0	22.7	19.2	19.7	14.9	27.5	24.6
	2016	26.1	24.8	16.7	19.1	22.7	24.5	25.1	25.0	21.7	18.5	16.8	18.6	26.1	25.1
	2017	23.8	17.1	21.8	21.2	23.0	22.7	24.0	25.0	23.1	21.2	15.8	22.6	23.8	25.0
	2018	31.1	19.1	18.5	16.5	21.2	23.9	23.9	23.6	23.8	21.9	20.8	24.4	31.1	23.9
	2019	24.3	19.1	21.3	18.7	24.4	25.1	25.4	25.4	24.2	21.4	18.3	20.5	24.4	25.4
	2020	24.4	20.8	19.8	19.6	21.8	25.1	24.7	25.9	24.3	21.5	18.7	22.0	24.4	25.9
Projected	2021	28.2	25.2	20.7	19.5	22.5	24.5	24.9	25.4	23.8	21.1	18.5	21.7	28.2	25.4
	2022	27.8	24.9	20.4	19.5	22.5	24.5	24.9	25.4	23.8	21.1	18.6	21.8	27.8	25.4
	2023	28.0	25.0	20.5	19.6	22.7	24.6	25.1	25.6	23.9	21.3	18.7	21.9	28.0	25.6
	2024	28.1	25.1	20.6	19.7	22.8	24.8	25.3	25.8	24.1	21.4	18.9	22.2	28.1	25.8
	2025	28.4	25.4	20.9	19.9	23.0	24.9	25.4	25.9	24.3	21.6	19.0	22.3	28.4	25.9
	2026	28.6	25.6	21.0	20.0	23.1	25.1	25.6	26.1	24.4	21.7	19.2	22.5	28.6	26.1
	2027	28.8	25.8	21.1	20.1	23.3	25.3	25.8	26.3	24.6	21.9	19.2	22.6	28.8	26.3
	2028	29.0	25.9	21.2	20.3	23.5	25.5	26.0	26.5	24.8	22.0	19.5	22.9	29.0	26.5
	2029	29.3	26.2	21.5	20.5	23.7	25.7	26.2	26.7	25.0	22.2	19.7	23.1	29.3	26.7
	2030	29.6	26.5	21.7	20.7	23.9	25.9	26.4	26.9	25.2	22.4	20.2	23.7	29.6	26.9
Projected	2031	30.4	27.1	22.3	21.2	24.5	26.5	27.0	27.6	25.8	23.0	20.3	23.8	30.4	27.6
	2032	30.5	27.3	22.4	21.4	24.7	26.8	27.3	27.8	26.1	23.2	20.6	24.1	30.5	27.8
	2033	31.0	27.7	22.7	21.6	25.0	27.0	27.6	28.1	26.3	23.4	20.8	24.4	31.0	28.1
	2034	31.3	27.9	22.9	21.8	25.2	27.3	27.8	28.4	26.5	23.6	21.0	24.6	31.3	28.4
	2035	31.6	28.2	23.2	22.0	25.5	27.5	28.1	28.6	26.8	23.9	21.1	24.8	31.6	28.6
	2036	31.8	28.4	23.3	22.2	25.7	27.8	28.3	28.9	27.0	24.1	21.4	25.1	31.8	28.9
	2037	32.2	28.8	23.6	22.4	26.0	28.1	28.6	29.2	27.3	24.3	21.6	25.4	32.2	29.2
	2038	32.5	29.1	23.9	22.6	26.2	28.3	28.9	29.5	27.6	24.6	21.8	25.6	32.5	29.5
	2039	32.9	29.4	24.1	22.9	26.5	28.6	29.2	29.7	27.8	24.8	22.0	25.8	32.9	29.7
	2040	33.1	29.5	24.2	23.1	26.7	28.9	29.4	30.0	28.1	25.0	22.4	26.3	33.1	30.0

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	47.3%	53.1%	70.4%	59.4%	59.2%	63.7%	65.6%	64.9%	66.2%	63.9%	69.4%	60.2%	44.1%	51.7%
	2012	47.6%	42.8%	67.4%	61.3%	62.2%	62.8%	67.0%	64.5%	65.5%	58.9%	53.8%	55.2%	49.0%	55.0%
	2013	53.0%	45.3%	48.0%	62.8%	61.9%	63.3%	65.0%	64.3%	63.0%	60.9%	61.4%	59.1%	48.7%	51.7%
	2014	52.4%	49.1%	56.9%	56.0%	61.6%	62.3%	63.2%	63.4%	58.4%	59.1%	44.6%	56.2%	47.1%	52.3%
	2015	52.4%	46.2%	71.0%	62.5%	60.1%	59.4%	62.7%	61.4%	60.6%	59.6%	56.2%	71.7%	45.9%	51.4%
	2016	49.5%	48.7%	64.0%	58.4%	57.3%	62.6%	65.2%	63.8%	67.2%	62.4%	63.0%	59.0%	49.7%	51.7%
	2017	47.9%	61.6%	50.3%	56.2%	58.5%	62.0%	63.8%	62.3%	58.4%	61.7%	66.3%	52.4%	53.3%	50.8%
	2018	49.4%	57.6%	58.6%	66.0%	60.3%	62.0%	61.6%	66.3%	66.8%	59.6%	53.6%	47.8%	42.3%	55.1%
	2019	51.7%	56.4%	49.9%	60.8%	59.1%	60.7%	59.7%	62.4%	63.1%	61.9%	57.7%	52.8%	53.3%	51.2%
	2020	48.4%	54.9%	59.1%	56.7%	57.5%	58.8%	66.0%	61.9%	61.0%	59.1%	62.5%	56.0%	54.0%	50.8%
Projected	2021	47.5%	49.5%	56.0%	59.6%	58.4%	61.5%	63.1%	62.5%	63.9%	59.0%	61.9%	55.7%	47.4%	52.5%
	2022	47.6%	49.7%	56.2%	59.2%	58.1%	61.4%	63.1%	62.5%	64.0%	59.2%	61.8%	55.7%	47.8%	52.4%
	2023	47.5%	49.7%	56.2%	59.2%	58.1%	61.4%	63.1%	62.5%	64.0%	59.2%	62.1%	55.9%	47.8%	52.4%
	2024	47.7%	49.3%	56.4%	59.2%	58.1%	61.4%	63.1%	62.5%	64.0%	59.2%	61.8%	55.7%	48.1%	52.5%
	2025	47.5%	49.7%	56.1%	59.3%	58.1%	61.4%	63.1%	62.5%	64.0%	59.2%	61.8%	55.7%	47.8%	52.4%
	2026	47.5%	49.6%	56.1%	59.3%	58.1%	61.4%	63.1%	62.5%	64.0%	59.2%	61.7%	55.6%	47.8%	52.4%
	2027	47.4%	49.6%	56.1%	59.3%	58.1%	61.4%	63.0%	62.5%	64.0%	59.2%	61.9%	55.8%	47.8%	52.4%
	2028	47.6%	49.2%	56.2%	59.2%	58.1%	61.4%	63.0%	62.5%	64.0%	59.2%	61.6%	55.6%	48.0%	52.5%
	2029	47.4%	49.6%	56.0%	59.2%	58.0%	61.4%	63.0%	62.5%	64.0%	59.2%	61.5%	55.6%	47.7%	52.4%
	2030	47.4%	49.6%	55.9%	59.2%	58.0%	61.4%	63.0%	62.5%	64.0%	60.1%	61.6%	55.6%	47.9%	52.6%
Avg.	2011-2020	50.0%	51.6%	59.6%	60.0%	59.8%	61.8%	64.0%	63.5%	63.0%	60.7%	58.9%	57.0%	48.7%	52.2%
	2021-2030	47.5%	49.5%	56.1%	59.3%	58.1%	61.4%	63.1%	62.5%	64.0%	59.2%	61.8%	55.7%	47.8%	52.4%

FMPA 2021 Load Forecast - Low Economic Case

Green Cove Springs (Full Req'ts)

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	29.0	22.5	14.6	21.6	22.6	25.3	23.6	23.0	21.5	17.6	15.5	13.9	29.6	23.0
	2012	26.6	27.0	15.8	18.3	20.2	22.0	24.0	22.9	22.4	20.1	13.7	21.2	26.6	24.0
	2013	21.5	26.2	24.4	18.1	18.8	22.8	21.3	24.2	23.1	20.2	15.0	13.8	24.4	24.2
	2014	24.2	23.6	14.7	19.6	20.5	21.8	20.6	21.4	22.5	18.9	24.7	20.1	24.2	21.4
	2015	23.7	27.5	15.0	17.1	22.1	23.1	22.7	24.0	21.1	19.2	19.6	14.8	27.5	23.1
	2016	26.1	24.8	16.3	19.1	22.7	24.5	24.4	24.9	21.0	14.4	16.8	14.8	19.6	24.4
	2017	23.7	15.3	16.8	21.0	22.7	22.7	24.0	23.6	20.7	21.1	15.8	22.6	16.8	23.6
	2018	30.6	15.3	15.1	15.6	21.0	23.7	22.5	23.1	23.1	21.9	17.6	24.4	30.6	23.1
	2019	23.2	15.0	15.3	18.6	24.0	25.1	24.8	23.2	24.2	19.2	18.3	12.8	17.6	25.1
	2020	24.4	14.3	19.6	19.6	21.8	25.1	23.5	25.4	24.0	20.4	17.1	19.4	19.6	25.1
Projected	2021	27.5	22.9	18.3	19.0	22.0	24.1	23.8	24.2	22.9	20.1	16.9	19.2	27.5	24.2
	2022	27.2	22.7	18.1	19.0	21.9	24.1	23.8	24.2	22.9	20.1	17.0	19.3	27.2	24.2
	2023	27.3	22.8	18.2	19.1	22.1	24.2	23.9	24.4	23.0	20.2	17.0	19.4	27.3	24.4
	2024	27.4	22.9	18.3	19.3	22.3	24.4	24.1	24.5	23.2	20.4	17.2	19.6	27.4	24.5
	2025	27.8	23.1	18.5	19.4	22.4	24.6	24.2	24.7	23.4	20.5	17.3	19.8	27.8	24.7
	2026	27.9	23.3	18.6	19.5	22.5	24.7	24.4	24.8	23.5	20.6	17.5	19.9	27.9	24.8
	2027	28.2	23.5	18.8	19.7	22.7	24.9	24.6	25.0	23.7	20.8	17.6	20.0	28.2	25.0
	2028	28.3	23.6	18.9	19.8	22.9	25.1	24.8	25.2	23.9	21.0	17.8	20.3	28.3	25.2
	2029	28.7	23.9	19.1	20.0	23.1	25.3	25.0	25.4	24.0	21.1	18.0	20.4	28.7	25.4
	2030	28.9	24.1	19.3	20.2	23.3	25.5	25.2	25.6	24.3	21.3	18.4	21.0	28.9	25.6
Projected	2031	29.6	24.7	19.8	20.7	23.9	26.1	25.8	26.3	24.8	21.8	18.5	21.1	29.6	26.3
	2032	29.8	24.9	19.9	20.9	24.1	26.4	26.0	26.5	25.1	22.1	18.8	21.4	29.8	26.5
	2033	30.2	25.2	20.2	21.1	24.3	26.6	26.3	26.8	25.3	22.3	19.0	21.6	30.2	26.8
	2034	30.5	25.5	20.4	21.3	24.6	26.9	26.5	27.0	25.5	22.5	19.1	21.8	30.5	27.0
	2035	30.8	25.7	20.6	21.5	24.8	27.1	26.8	27.3	25.8	22.7	19.3	21.9	30.8	27.3
	2036	31.0	25.9	20.7	21.7	25.1	27.4	27.0	27.5	26.0	22.9	19.5	22.2	31.0	27.5
	2037	31.5	26.2	21.0	21.9	25.3	27.6	27.3	27.8	26.3	23.1	19.7	22.5	31.5	27.8
	2038	31.8	26.5	21.2	22.1	25.5	27.9	27.5	28.0	26.5	23.4	19.9	22.7	31.8	28.0
	2039	32.1	26.8	21.4	22.3	25.8	28.2	27.8	28.3	26.8	23.6	20.0	22.8	32.1	28.3
	2040	32.3	26.9	21.5	22.5	26.0	28.4	28.1	28.6	27.0	23.8	20.5	23.3	32.3	28.6

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	93.0%	95.0%	89.7%	98.6%	93.9%	100.0%	96.4%	86.4%	94.1%	96.5%	97.7%	73.4%	95.1%	86.4%
	2012	100.0%	100.0%	92.3%	92.3%	91.5%	97.2%	99.9%	95.8%	97.4%	93.6%	63.6%	100.0%	98.2%	99.9%
	2013	100.0%	100.0%	100.0%	100.0%	93.5%	96.2%	92.8%	97.8%	99.7%	100.0%	86.6%	74.5%	92.9%	97.8%
	2014	90.5%	100.0%	78.4%	100.0%	100.0%	98.2%	89.4%	88.8%	96.5%	97.2%	100.0%	98.9%	90.5%	88.8%
	2015	100.0%	100.0%	100.0%	91.9%	100.0%	93.7%	95.6%	100.0%	93.0%	100.0%	99.5%	99.8%	100.0%	93.7%
	2016	100.0%	100.0%	97.5%	100.0%	100.0%	100.0%	97.3%	99.4%	96.7%	78.0%	100.0%	80.0%	75.1%	97.3%
	2017	99.6%	89.4%	77.4%	98.9%	98.6%	100.0%	100.0%	94.4%	89.3%	99.3%	100.0%	100.0%	70.7%	94.4%
	2018	98.2%	80.1%	82.0%	94.7%	99.0%	99.3%	94.1%	97.8%	97.2%	100.0%	84.3%	100.0%	98.2%	96.6%
	2019	95.2%	78.2%	71.7%	99.6%	98.5%	100.0%	97.8%	91.2%	100.0%	89.7%	100.0%	62.4%	72.0%	98.9%
	2020	100.0%	68.6%	98.7%	100.0%	99.8%	100.0%	95.2%	98.2%	98.6%	95.1%	91.2%	88.5%	80.3%	97.0%
Projected	2021	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2022	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2023	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2024	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2025	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2026	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2027	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2028	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2029	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2030	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2011-2020	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.8%	95.0%	96.2%	94.9%	92.3%	87.8%	87.3%	95.1%
	2021-2030	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%

FMPA 2021 Load Forecast - Low Economic Case - Green Cove Springs

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service Non-Demand						General Service Demand						Large Service Demand						City		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	46,089		3,101		14,861		11,087		526		21.1		48,101		100		479		8,159		3		2,720		3,312		116,748		7,949	6.4%	124,697	
	2012	41,326	-10.3%	3,097	-0.1%	13,342	-10.2%	10,306	-7.0%	526	-0.1%	19.6	-7.0%	46,582	-3.2%	99	-1.7%	473	-1.4%	6,262	-23.3%	3	0.0%	2,087	-23.3%	3,031	-8.5%	107,507	-7.9%	7,083	6.2%	114,590	-8.1%
	2013	40,364	-2.3%	3,155	1.9%	12,795	-4.1%	12,146	17.9%	535	1.8%	22.7	15.8%	42,018	-9.8%	105	6.6%	400	-15.4%	5,852	-6.5%	3	0.0%	1,951	-6.5%	2,883	-4.9%	103,263	-3.9%	10,055	8.9%	113,318	-1.1%
	2014	40,257	-0.3%	3,158	0.1%	12,748	-0.4%	10,224	-15.8%	525	-1.9%	19.5	-14.2%	41,497	-1.2%	106	1.0%	391	-2.2%	667	-88.6%	1	-66.7%	667	-65.8%	2,990	3.7%	95,635	-7.4%	14,730	13.3%	110,365	-2.6%
	2015	46,784	16.2%	3,186	0.9%	14,685	15.2%	10,696	4.6%	533	1.5%	20.1	3.0%	46,776	12.7%	97	-8.3%	481	23.0%	0	-100.0%	0	-100.0%	0	-100.0%	3,362	12.4%	107,618	12.5%	3,794	3.4%	111,412	0.9%
	2016	49,112	5.0%	3,307	3.8%	14,849	1.1%	11,574	8.2%	556	4.4%	20.8	3.6%	46,737	-0.1%	95	-2.8%	495	2.8%	0	0.0%	0	0.0%	0	0.0%	3,616	7.6%	111,039	3.2%	2,636	2.3%	113,675	2.0%
	2017	45,166	-8.0%	3,374	2.0%	13,386	-9.9%	11,292	-2.4%	570	2.4%	19.8	-4.7%	43,029	-7.9%	95	0.4%	454	-8.3%	0	0.0%	0	0.0%	0	0.0%	3,578	-1.1%	103,065	-7.2%	6,460	5.9%	109,525	-3.7%
	2018	51,251	13.5%	3,437	1.9%	14,911	11.4%	10,430	-7.6%	570	0.1%	18.3	-7.8%	45,692	6.2%	111	17.4%	410	-9.5%	0	0.0%	0	0.0%	0	0.0%	3,615	1.0%	110,988	7.7%	4,007	3.5%	114,995	5.0%
	2019	49,475	-3.5%	3,463	0.8%	14,287	-4.2%	9,629	-7.7%	554	-2.8%	17.4	-5.0%	45,688	0.0%	130	16.8%	351	-14.4%	0	0.0%	0	0.0%	0	0.0%	3,621	0.2%	108,413	-2.3%	6,496	5.7%	114,909	-0.1%
	2020	49,931	0.9%	3,542	2.3%	14,095	-1.3%	9,009	-6.4%	549	-0.9%	16.4	-5.5%	45,020	-1.5%	141	8.7%	319	-9.4%	0	0.0%	0	0.0%	0	0.0%	3,786	4.6%	107,746	-0.6%	5,879	5.2%	113,625	-1.1%
Projected	2021	53,002	6.2%	3,600	1.6%	14,723	4.5%	9,007	0.0%	549	0.0%	16.4	-0.1%	46,251	2.7%	145	2.9%	318	-0.2%	0	0.0%	0	0.0%	0	0.0%	3,682	-2.7%	111,942	3.9%	5,547	4.7%	117,489	3.4%
	2022	53,155	0.3%	3,618	0.5%	14,690	-0.2%	9,027	0.2%	552	0.4%	16.4	-0.2%	45,309	-2.0%	140	-3.6%	323	1.6%	0	0.0%	0	0.0%	0	0.0%	3,656	-0.7%	111,146	-0.7%	5,518	4.7%	116,664	-0.7%
	2023	53,314	0.3%	3,641	0.6%	14,641	-0.3%	9,124	1.1%	556	0.8%	16.4	0.3%	45,690	0.8%	138	-1.7%	332	2.6%	0	0.0%	0	0.0%	0	0.0%	3,678	0.6%	111,806	0.6%	5,553	4.7%	117,360	0.6%
	2024	53,329	0.0%	3,665	0.6%	14,552	-0.6%	9,262	1.5%	560	0.8%	16.5	0.8%	46,365	1.5%	137	-0.8%	339	2.3%	0	0.0%	0	0.0%	0	0.0%	3,709	0.9%	112,665	0.8%	5,794	4.9%	118,459	0.9%
	2025	53,413	0.2%	3,689	0.7%	14,479	-0.5%	9,377	1.2%	564	0.7%	16.6	0.5%	46,999	1.4%	136	-0.3%	345	1.6%	0	0.0%	0	0.0%	0	0.0%	3,745	1.0%	113,533	0.8%	5,640	4.7%	119,174	0.6%
	2026	53,555	0.3%	3,711	0.6%	14,431	-0.3%	9,459	0.9%	568	0.7%	16.6	0.1%	47,518	1.1%	136	0.0%	348	1.1%	0	0.0%	0	0.0%	0	0.0%	3,783	1.0%	114,315	0.7%	5,679	4.7%	119,994	0.7%
	2027	53,881	0.6%	3,733	0.6%	14,434	0.0%	9,525	0.7%	572	0.7%	16.6	0.0%	47,981	1.0%	137	0.2%	351	0.8%	0	0.0%	0	0.0%	0	0.0%	3,822	1.0%	115,209	0.8%	5,724	4.7%	120,933	0.8%
	2028	54,322	0.8%	3,754	0.6%	14,471	0.3%	9,587	0.7%	577	0.7%	16.6	-0.1%	48,439	1.0%	137	0.3%	353	0.6%	0	0.0%	0	0.0%	0	0.0%	3,862	1.1%	116,211	0.9%	5,977	4.9%	122,188	1.0%
	2029	54,808	0.9%	3,773	0.5%	14,527	0.4%	9,649	0.6%	581	0.7%	16.6	-0.1%	48,902	1.0%	138	0.4%	355	0.6%	0	0.0%	0	0.0%	0	0.0%	3,904	1.1%	117,263	0.9%	5,827	4.7%	123,090	0.7%
	2030	55,341	1.0%	3,792	0.5%	14,596	0.5%	9,712	0.6%	585	0.7%	16.6	-0.1%	49,375	1.0%	138	0.4%	357	0.5%	0	0.0%	0	0.0%	0	0.0%	3,947	1.1%	118,374	0.9%	5,882	4.7%	124,256	0.9%
	2031	55,876	1.0%	3,808	0.4%	14,672	0.5%	9,773	0.6%	589	0.7%	16.6	-0.1%	49,842	0.9%	139	0.4%	359	0.5%	1,863	0.0%	1	0.0%	1,808	0.0%	3,989	1.1%	121,344	2.5%	6,029	4.7%	127,373	2.5%
	2032	56,404	0.9%	3,822	0.4%	14,757	0.6%	9,831	0.6%	593	0.7%	16.6	-0.1%	50,285	0.9%	139	0.4%	361	0.5%	1,984	6.5%	1	6.5%	1,808	0.0%	4,030	1.0%	122,534	1.0%	6,302	4.9%	128,836	1.1%
	2033	56,975	1.0%	3,837	0.4%	14,849	0.6%	9,889	0.6%	598	0.7%	16.5	-0.1%	50,735	0.9%	140	0.4%	362	0.5%	2,104	6.1%	1	6.1%	1,808	0.0%	4,071	1.0%	123,775	1.0%	6,150	4.7%	129,924	0.8%
	2034	57,532	1.0%	3,849	0.3%	14,949	0.7%	9,949	0.6%	602	0.7%	16.5	-0.1%	51,195	0.9%	141	0.4%	364	0.5%	2,225	5.7%	1	5.7%	1,808	0.0%	4,114	1.0%	125,013	1.0%	6,211	4.7%	131,224	1.0%
	2035	58,096	1.0%	3,859	0.3%	15,054	0.7%	10,009	0.6%	606	0.7%	16.5	-0.1%	51,662	0.9%	141	0.5%	365	0.5%	2,345	5.4%	1	5.4%	1,808	0.0%	4,157	1.0%	126,269	1.0%	6,273	4.7%	132,542	1.0%
	2036	58,688	1.0%	3,871	0.3%	15,162	0.7%	10,069	0.6%	610	0.7%	16.5	-0.1%	52,128	0.9%	142	0.5%	367	0.4%	2,466	5.1%	1	5.1%	1,808	0.0%	4,200	1.0%	127,551	1.0%	6,560	4.9%	134,111	1.2%
	2037	59,267	1.0%	3,880	0.2%	15,274	0.7%	10,128	0.6%	614	0.7%	16.5	-0.1%	52,582	0.9%	143	0.4%	369	0.4%	2,586	4.9%	1	4.9%	1,808	0.0%	4,242	1.0%	128,805	1.0%	6,399	4.7%	135,204	0.8%
	2038	59,856	1.0%	3,890	0.2%	15,388	0.7%	10,187	0.6%	618	0.7%	16.5	-0.1%	53,043	0.9%	143	0.4%	370	0.4%	2,706	4.7%	1	4.7%	1,808	0.0%	4,284	1.0%	130,076	1.0%	6,462	4.7%	136,538	1.0%
	2039	60,456	1.0%	3,899	0.2%	15,504	0.8%	10,246	0.6%	623	0.7%	16.5	-0.1%	53,509	0.9%	144	0.4%	372	0.4%	2,827	4.4%	2	4.5%	1,808	0.0%	4,327	1.0%	131,365	1.0%	6,526	4.7%	137,891	1.0%
	2040	61,065	1.0%	3,909	0.2%	15,622	0.8%	10,306	0.6%	627	0.7%	16.4	-0.1%	53,980	0.9%	145	0.4%	374	0.4%	2,947	4.3%	2	4.3%	1,808	0.0%	4,371	1.0%	132,670	1.0%	6,823	4.9%	139,492	1.2%
CAGR	2011-2020		0.9%		1.5%		-0.6%		-2.3%		0.5%		-2.7%		-0.7%		3.9%		-4.4%		-100.0%		-100.0%		-100.0%		1.5%		-0.9%		6.1%		-1.0%
	2021-2030		0.5%		0.6%		-0.1%		0.8%		0.7%		0.1%		0.7%		-0.6%		1.3%		0.0%		0.0%		0.0%		0.8%		0.6%		4.8%		0.6%
	2031-2040		1.0%		0.3%		0.7%		0.6%		0.7%		-0.1%		0.9%		0.4%		0.4%		0.0%		0.0%		0.0%		1.0%		1.0%		4.8%		1.0%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - High Economic Case

Green Cove Springs (Full Req'ts)

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	124,697	-	119,994	-	-3.8%	29.6	-	29.8	-	0.4%	23.0	-	22.6		-1.7%
	2012	114,590	-8.1%	116,139	-3.2%	1.4%	26.6	-10.3%	25.2	-15.3%	-5.2%	24.0	4.7%	24.9	10.5%	3.8%
	2013	113,318	-1.1%	114,105	-1.8%	0.7%	24.4	-8.3%	26.8	6.4%	10.0%	24.2	0.5%	24.6	-1.4%	1.8%
	2014	110,365	-2.6%	111,110	-2.6%	0.7%	24.2	-0.6%	26.5	-1.1%	9.4%	21.4	-11.4%	21.6	-12.1%	1.0%
	2015	111,412	0.9%	109,497	-1.5%	-1.7%	27.5	13.7%	26.6	0.2%	-3.5%	23.1	7.7%	25.1	16.1%	8.9%
	2016	113,675	2.0%	111,175	1.5%	-2.2%	19.6	-28.8%	26.3	-0.9%	34.3%	24.4	5.9%	24.4	-2.6%	0.1%
	2017	109,525	-3.7%	111,101	-0.1%	1.4%	16.8	-14.1%	23.7	-10.0%	40.7%	23.6	-3.4%	24.4	-0.1%	3.6%
	2018	114,995	5.0%	111,139	0.0%	-3.4%	30.6	81.5%	29.0	22.4%	-5.1%	23.1	-2.1%	22.4	-8.2%	-2.9%
	2019	114,909	-0.1%	110,994	-0.1%	-3.4%	17.6	-42.6%	31.4	8.1%	78.7%	25.1	8.8%	24.5	9.1%	-2.6%
	2020	113,625	-1.1%	115,619	4.2%	1.8%	19.6	11.4%	28.8	-8.3%	47.1%	25.1	-0.2%	25.3	3.3%	0.8%
Projected	2021	119,215	4.9%	119,215	3.1%		27.6	41.2%	27.6	-4.1%		24.9	-0.7%	24.9	-1.5%	
	2022			122,803	3.0%				28.5	3.1%				25.7	3.3%	
	2023			126,602	3.1%				29.3	3.1%				26.5	3.1%	
	2024			130,637	3.2%				30.1	2.6%				27.3	3.0%	
	2025			134,234	2.8%				31.1	3.4%				28.1	2.9%	
	2026			137,935	2.8%				32.0	2.8%				28.8	2.7%	
	2027			141,416	2.5%				32.8	2.6%				29.6	2.5%	
	2028			145,059	2.6%				33.5	2.0%				30.3	2.4%	
	2029			148,202	2.2%				34.4	2.8%				31.0	2.3%	
	2030			151,586	2.3%				35.2	2.3%				31.7	2.3%	
	2031			156,855	3.5%				36.4	3.5%				32.8	3.4%	
	2032			160,481	2.3%				37.1	1.8%				33.5	2.1%	
	2033			163,608	1.9%				38.0	2.5%				34.2	2.1%	
	2034			167,025	2.1%				38.8	2.1%				34.9	2.1%	
	2035			170,464	2.1%				39.6	2.1%				35.6	2.1%	
	2036			174,209	2.2%				40.3	1.7%				36.3	2.0%	
	2037			177,314	1.8%				41.2	2.4%				37.0	2.0%	
	2038			180,736	1.9%				42.0	1.9%				37.7	1.9%	
	2039			184,186	1.9%				42.9	1.9%				38.5	1.9%	
	2040			187,980	2.1%				43.5	1.5%				39.2	1.9%	
CAGR [3]	2011-2020		-1.0%		-0.4%			-4.5%		-0.4%			1.0%		1.3%	
	2021-2030				2.7%					2.7%					2.7%	
	2031-2040				2.0%					2.0%					2.0%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Green Cove Springs (Full Req'ts)

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	124,697	-	124,697	-	31.1	26.6	31.1	26.6	29.6	23.0	29.6	23.0
	2012	114,590	-8.1%	114,590	-8.1%	27.0	24.1	27.0	24.1	26.6	24.0	26.6	24.0
	2013	113,318	-1.1%	113,318	-1.1%	26.2	24.7	26.2	24.7	24.4	24.2	24.4	24.2
	2014	110,365	-2.6%	110,365	-2.6%	26.8	24.1	26.8	24.1	24.2	21.4	24.2	21.4
	2015	111,412	0.9%	111,412	0.9%	27.5	24.6	27.5	24.6	27.5	23.1	27.5	23.1
	2016	113,675	2.0%	113,675	2.0%	26.1	25.1	26.1	25.1	19.6	24.4	19.6	24.4
	2017	109,525	-3.7%	109,525	-3.7%	23.8	25.0	23.8	25.0	16.8	23.6	16.8	23.6
	2018	114,995	5.0%	114,995	5.0%	31.1	23.9	31.1	23.9	30.6	23.1	30.6	23.1
	2019	114,909	-0.1%	114,909	-0.1%	24.4	25.4	24.4	25.4	17.6	25.1	17.6	25.1
	2020	113,625	-1.1%	115,372	0.4%	24.4	25.9	27.3	25.4	19.6	25.1	26.7	24.2
Projected	2021	119,215	4.9%	119,450	3.5%	28.3	26.1	28.5	26.3	27.6	24.9	27.9	25.1
	2022	122,803	3.0%	123,126	3.1%	29.1	27.0	29.4	27.1	28.5	25.7	28.7	25.8
	2023	126,602	3.1%	126,685	2.9%	30.0	27.8	30.3	27.9	29.3	26.5	29.6	26.6
	2024	130,637	3.2%	130,516	3.0%	30.8	28.7	31.0	28.7	30.1	27.3	30.3	27.3
	2025	134,234	2.8%	134,074	2.7%	31.9	29.5	32.1	29.5	31.1	28.1	31.3	28.1
	2026	137,935	2.8%	137,684	2.7%	32.8	30.3	33.0	30.3	32.0	28.8	32.2	28.9
	2027	141,416	2.5%	141,140	2.5%	33.6	31.0	33.8	31.0	32.8	29.6	33.0	29.6
	2028	145,059	2.6%	144,751	2.6%	34.3	31.8	34.5	31.8	33.5	30.3	33.7	30.3
	2029	148,202	2.2%	147,858	2.1%	35.2	32.5	35.4	32.5	34.4	31.0	34.6	31.0
	2030	151,586	2.3%	153,368	3.7%	36.1	33.3	36.7	33.7	35.2	31.7	35.9	32.1
	2031	156,855	3.5%	156,774	2.2%	37.3	34.4	37.6	34.5	36.4	32.8	36.7	32.9
	2032	160,481	2.3%	160,332	2.3%	38.0	35.1	38.2	35.2	37.1	33.5	37.3	33.5
	2033	163,608	1.9%	163,371	1.9%	38.9	35.9	39.2	35.9	38.0	34.2	38.3	34.2
	2034	167,025	2.1%	166,641	2.0%	39.8	36.6	40.0	36.6	38.8	34.9	39.0	34.9
	2035	170,464	2.1%	169,927	2.0%	40.6	37.4	40.8	37.4	39.6	35.6	39.8	35.6
	2036	174,209	2.2%	173,462	2.1%	41.3	38.1	41.4	38.1	40.3	36.3	40.4	36.3
	2037	177,314	1.8%	176,396	1.7%	42.2	38.9	42.3	38.8	41.2	37.0	41.3	37.0
	2038	180,736	1.9%	179,574	1.8%	43.1	39.6	43.1	39.5	42.0	37.7	42.1	37.6
	2039	184,186	1.9%	182,769	1.8%	43.9	40.4	43.9	40.2	42.9	38.5	42.9	38.3
	2040	187,980	2.1%			44.5	41.2			43.5	39.2		
CAGR[1]	Historical		-1.0%		-1.0%	-2.7%	-0.3%	-3.0%	-0.6%	-3.8%	0.5%	-5.7%	0.6%
	1st 10 Prj Yrs		2.7%		2.8%	2.7%	2.7%	2.9%	2.8%	2.7%	2.7%	2.9%	2.8%
	2nd 10 Prj Yrs		2.0%		2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Green Cove Springs (Full Req'ts)

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	124,697	-	119,994	-	-3.8%	29.6	-	29.8	-	0.4%	23.0	-	22.6		-1.7%
	2012	114,590	-8.1%	116,139	-3.2%	1.4%	26.6	-10.3%	25.2	-15.3%	-5.2%	24.0	4.7%	24.9	10.5%	3.8%
	2013	113,318	-1.1%	114,105	-1.8%	0.7%	24.4	-8.3%	26.8	6.4%	10.0%	24.2	0.5%	24.6	-1.4%	1.8%
	2014	110,365	-2.6%	111,110	-2.6%	0.7%	24.2	-0.6%	26.5	-1.1%	9.4%	21.4	-11.4%	21.6	-12.1%	1.0%
	2015	111,412	0.9%	109,497	-1.5%	-1.7%	27.5	13.7%	26.6	0.2%	-3.5%	23.1	7.7%	25.1	16.1%	8.9%
	2016	113,675	2.0%	111,175	1.5%	-2.2%	19.6	-28.8%	26.3	-0.9%	34.3%	24.4	5.9%	24.4	-2.6%	0.1%
	2017	109,525	-3.7%	111,101	-0.1%	1.4%	16.8	-14.1%	23.7	-10.0%	40.7%	23.6	-3.4%	24.4	-0.1%	3.6%
	2018	114,995	5.0%	111,139	0.0%	-3.4%	30.6	81.5%	29.0	22.4%	-5.1%	23.1	-2.1%	22.4	-8.2%	-2.9%
	2019	114,909	-0.1%	110,994	-0.1%	-3.4%	17.6	-42.6%	31.4	8.1%	78.7%	25.1	8.8%	24.5	9.1%	-2.6%
	2020	113,625	-1.1%	114,333	3.0%	0.6%	19.6	11.4%	28.8	-8.3%	47.1%	25.1	-0.2%	25.3	3.3%	0.8%
Projected	2021	119,120	4.8%	119,120	4.2%		27.6	41.2%	27.6	-4.1%		24.9	-0.8%	24.9	-1.6%	
	2022			122,662	3.0%				28.5	3.1%				25.7	3.2%	
	2023			126,414	3.1%				29.3	3.1%				26.5	3.0%	
	2024			130,395	3.1%				30.1	2.6%				27.2	3.0%	
	2025			133,932	2.7%				31.1	3.4%				28.0	2.8%	
	2026			137,548	2.7%				32.0	2.8%				28.7	2.6%	
	2027			140,935	2.5%				32.8	2.6%				29.4	2.4%	
	2028			144,477	2.5%				33.5	2.0%				30.1	2.3%	
	2029			147,515	2.1%				34.4	2.8%				30.8	2.3%	
	2030			150,789	2.2%				35.2	2.3%				31.5	2.2%	
	2031			155,988	3.4%				36.4	3.5%				32.5	3.4%	
	2032			159,543	2.3%				37.1	1.8%				33.2	2.1%	
	2033			162,602	1.9%				38.0	2.5%				33.9	2.1%	
	2034			165,942	2.1%				38.8	2.1%				34.6	2.0%	
	2035			169,301	2.0%				39.6	2.1%				35.3	2.0%	
	2036			172,959	2.2%				40.3	1.7%				36.0	2.0%	
	2037			176,032	1.8%				41.2	2.4%				36.7	1.9%	
	2038			179,365	1.9%				42.0	1.9%				37.4	1.9%	
	2039			182,779	1.9%				42.9	1.9%				38.1	1.9%	
	2040			186,479	2.0%				43.5	1.5%				38.8	1.9%	
CAGR [3]	2011-2020		-1.0%		-0.5%			-4.5%		-0.4%			1.0%		1.3%	
	2021-2030				2.7%					2.7%					2.7%	
	2031-2040				2.0%					2.0%					2.0%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Green Cove Springs (Full Req'ts)

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	124,697	-	119,994	-	-3.8%	31.1	-	45.7%	26.6	-	53.6%
	2012	114,590	-8.1%	116,139	-3.2%	1.4%	27.0	-13.2%	48.4%	24.1	-9.4%	54.4%
	2013	113,318	-1.1%	114,105	-1.8%	0.7%	26.2	-3.1%	49.3%	24.7	2.6%	52.4%
	2014	110,365	-2.6%	111,110	-2.6%	0.7%	26.8	2.1%	47.1%	24.1	-2.4%	52.3%
	2015	111,412	0.9%	109,497	-1.5%	-1.7%	27.5	2.8%	46.2%	24.6	2.2%	51.7%
	2016	113,675	2.0%	111,175	1.5%	-2.2%	26.1	-5.1%	49.7%	25.1	2.0%	51.7%
	2017	109,525	-3.7%	111,101	-0.1%	1.4%	23.8	-8.8%	52.5%	25.0	-0.5%	50.1%
	2018	114,995	5.0%	111,139	0.0%	-3.4%	31.1	30.7%	42.2%	23.9	-4.3%	54.9%
	2019	114,909	-0.1%	110,994	-0.1%	-3.4%	24.4	-21.7%	53.8%	25.4	6.3%	51.6%
	2020	113,625	-1.1%	115,619	4.2%	1.8%	24.4	-0.1%	53.2%	25.9	1.8%	50.1%
Projected	2021	119,120	4.8%	119,120	3.0%		28.3	16.0%	48.1%	26.1	1.0%	52.0%
	2022	122,662	3.0%	122,662	3.0%		29.1	3.1%	48.1%	27.0	3.2%	51.9%
	2023	126,414	3.1%	126,414	3.1%		30.0	3.1%	48.0%	27.8	3.0%	51.9%
	2024	130,395	3.1%	130,395	3.1%		30.8	2.6%	48.3%	28.6	3.0%	52.0%
	2025	133,932	2.7%	133,932	2.7%		31.9	3.4%	48.0%	29.4	2.8%	52.0%
	2026	137,548	2.7%	137,548	2.7%		32.8	2.8%	47.9%	30.2	2.6%	52.0%
	2027	140,935	2.5%	140,935	2.5%		33.6	2.6%	47.9%	30.9	2.4%	52.0%
	2028	144,477	2.5%	144,477	2.5%		34.3	2.0%	48.1%	31.6	2.3%	52.1%
	2029	147,515	2.1%	147,515	2.1%		35.2	2.8%	47.8%	32.4	2.3%	52.0%
	2030	150,789	2.2%	150,789	2.2%		36.1	2.3%	47.7%	33.1	2.2%	52.0%
	2031	155,988	3.4%	155,988	3.4%		37.3	3.5%	47.7%	34.2	3.4%	52.1%
	2032	159,543	2.3%	159,543	2.3%		38.0	1.8%	48.0%	34.9	2.1%	52.2%
	2033	162,602	1.9%	162,602	1.9%		38.9	2.5%	47.7%	35.6	2.1%	52.1%
	2034	165,942	2.1%	165,942	2.1%		39.8	2.1%	47.6%	36.4	2.0%	52.1%
	2035	169,301	2.0%	169,301	2.0%		40.6	2.1%	47.6%	37.1	2.0%	52.1%
	2036	172,959	2.2%	172,959	2.2%		41.3	1.7%	47.9%	37.8	2.0%	52.2%
	2037	176,032	1.8%	176,032	1.8%		42.2	2.4%	47.6%	38.6	1.9%	52.1%
	2038	179,365	1.9%	179,365	1.9%		43.1	1.9%	47.6%	39.3	1.9%	52.1%
	2039	182,779	1.9%	182,779	1.9%		43.9	1.9%	47.5%	40.1	1.9%	52.1%
	2040	186,479	2.0%	186,479	2.0%		44.5	1.5%	47.8%	40.8	1.9%	52.2%
CAGR [1]	2011-2020		-1.0%		-0.4%			-2.7%	48.8%		-0.3%	52.3%
	2021-2030		2.7%		2.7%			2.7%	48.0%		2.7%	52.0%
	2031-2040		2.0%		2.0%			2.0%	47.7%		2.0%	52.1%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Green Cove Springs (Full Req'ts)

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	10,950	8,452	8,546	9,385	10,597	11,595	11,932	12,839	10,904	8,644	7,945	8,472	120,260	124,697
	2012	9,414	8,050	8,572	8,749	10,195	10,240	11,988	11,478	10,842	9,436	8,334	8,689	115,988	114,590
	2013	8,465	7,984	8,699	8,172	9,284	10,801	11,102	11,821	10,530	9,152	7,650	8,138	111,799	113,318
	2014	10,437	7,788	7,918	7,898	9,380	9,977	10,835	11,363	9,827	8,551	7,942	8,502	110,419	110,365
	2015	9,237	8,553	7,907	8,377	9,876	10,532	11,085	10,939	9,911	8,499	7,972	7,930	110,818	111,412
	2016	9,610	8,383	7,952	8,039	9,664	11,042	12,184	11,886	10,514	8,582	7,621	8,143	113,620	113,675
	2017	8,490	7,083	8,151	8,569	10,035	10,132	11,416	11,578	9,725	9,744	7,527	8,795	111,246	109,525
	2018	11,446	7,374	8,048	7,821	9,540	10,666	10,938	11,657	11,439	9,725	8,047	8,676	115,376	114,995
	2019	9,353	7,257	7,913	8,193	10,712	10,990	11,279	11,777	10,988	9,849	7,613	8,040	113,964	114,909
	2020	8,765	7,960	8,708	8,020	9,325	10,628	12,131	11,907	10,678	9,444	8,415	9,148	115,129	113,625
Projected	2021	9,981	8,437	8,704	8,479	9,962	11,079	11,997	12,165	11,309	9,614	8,591	9,399	119,717	119,120
	2022	10,307	8,712	8,973	8,749	10,271	11,436	12,389	12,553	11,669	9,917	8,856	9,688	123,519	122,662
	2023	10,627	8,981	9,246	9,014	10,584	11,784	12,764	12,933	12,021	10,215	9,122	9,980	127,270	126,414
	2024	10,945	9,465	9,522	9,285	10,898	12,133	13,144	13,313	12,374	10,516	9,387	10,273	131,254	130,395
	2025	11,268	9,521	9,796	9,550	11,208	12,479	13,518	13,692	12,725	10,808	9,644	10,559	134,768	133,932
	2026	11,586	9,785	10,060	9,804	11,504	12,809	13,878	14,054	13,057	11,084	9,886	10,826	138,333	137,548
	2027	11,883	10,032	10,306	10,040	11,780	13,118	14,215	14,395	13,371	11,347	10,117	11,084	141,687	140,935
	2028	12,171	10,513	10,545	10,270	12,051	13,421	14,546	14,730	13,681	11,606	10,345	11,339	145,219	144,477
	2029	12,457	10,512	10,782	10,498	12,320	13,723	14,877	15,065	13,991	11,866	10,573	11,595	148,259	147,515
	2030	12,744	10,750	11,020	10,727	12,587	14,024	15,205	15,399	14,298	12,287	10,951	12,005	151,997	150,789
Projected	2031	13,175	11,131	11,401	11,100	13,026	14,500	15,717	15,913	14,782	12,549	11,181	12,259	156,734	155,988
	2032	13,458	11,634	11,640	11,330	13,297	14,804	16,048	16,249	15,093	12,811	11,412	12,517	160,294	159,543
	2033	13,745	11,610	11,881	11,563	13,570	15,110	16,384	16,590	15,409	13,076	11,646	12,777	163,360	162,602
	2034	14,035	11,853	12,123	11,796	13,844	15,418	16,720	16,930	15,724	13,340	11,879	13,036	166,698	165,942
	2035	14,324	12,096	12,367	12,031	14,121	15,728	17,060	17,275	16,044	13,609	12,117	13,301	170,073	169,301
	2036	14,619	12,631	12,612	12,267	14,397	16,037	17,397	17,615	16,358	13,877	12,352	13,560	173,721	172,959
	2037	14,908	12,585	12,856	12,503	14,673	16,347	17,736	17,959	16,676	14,140	12,584	13,819	176,786	176,032
	2038	15,196	12,828	13,098	12,735	14,946	16,655	18,072	18,300	16,992	14,410	12,823	14,082	180,137	179,365
	2039	15,490	13,074	13,346	12,975	15,227	16,970	18,417	18,650	17,316	14,677	13,058	14,345	183,546	182,779
	2040	15,784	13,631	13,591	13,211	15,505	17,283	18,759	18,997	17,637	14,947	13,296	14,610	187,252	186,479

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	9.1%	7.0%	7.1%	7.8%	8.8%	9.6%	9.9%	10.7%	9.1%	7.2%	6.6%	7.0%	100.0%
	2012	8.1%	6.9%	7.4%	7.5%	8.8%	8.8%	10.3%	9.9%	9.3%	8.1%	7.2%	7.5%	100.0%
	2013	7.6%	7.1%	7.8%	7.3%	8.3%	9.7%	9.9%	10.6%	9.4%	8.2%	6.8%	7.3%	100.0%
	2014	9.5%	7.1%	7.2%	7.2%	8.5%	9.0%	9.8%	10.3%	8.9%	7.7%	7.2%	7.7%	100.0%
	2015	8.3%	7.7%	7.1%	7.6%	8.9%	9.5%	10.0%	9.9%	8.9%	7.7%	7.2%	7.2%	100.0%
	2016	8.5%	7.4%	7.0%	7.1%	8.5%	9.7%	10.7%	10.5%	9.3%	7.6%	6.7%	7.2%	100.0%
	2017	7.6%	6.4%	7.3%	7.7%	9.0%	9.1%	10.3%	10.4%	8.7%	8.8%	6.8%	7.9%	100.0%
	2018	9.9%	6.4%	7.0%	6.8%	8.3%	9.2%	9.5%	10.1%	9.9%	8.4%	7.0%	7.5%	100.0%
	2019	8.2%	6.4%	6.9%	7.2%	9.4%	9.6%	9.9%	10.3%	9.6%	8.6%	6.7%	7.1%	100.0%
	2020	7.6%	6.9%	7.6%	7.0%	8.1%	9.2%	10.5%	10.3%	9.3%	8.2%	7.3%	7.9%	100.0%
Projected	2021	8.3%	7.0%	7.3%	7.1%	8.3%	9.3%	10.0%	10.2%	9.4%	8.0%	7.2%	7.9%	100.0%
	2022	8.3%	7.1%	7.3%	7.1%	8.3%	9.3%	10.0%	10.2%	9.4%	8.0%	7.2%	7.8%	100.0%
	2023	8.3%	7.1%	7.3%	7.1%	8.3%	9.3%	10.0%	10.2%	9.4%	8.0%	7.2%	7.8%	100.0%
	2024	8.3%	7.2%	7.3%	7.1%	8.3%	9.2%	10.0%	10.1%	9.4%	8.0%	7.2%	7.8%	100.0%
	2025	8.4%	7.1%	7.3%	7.1%	8.3%	9.3%	10.0%	10.2%	9.4%	8.0%	7.2%	7.8%	100.0%
	2026	8.4%	7.1%	7.3%	7.1%	8.3%	9.3%	10.0%	10.2%	9.4%	8.0%	7.1%	7.8%	100.0%
	2027	8.4%	7.1%	7.3%	7.1%	8.3%	9.3%	10.0%	10.2%	9.4%	8.0%	7.1%	7.8%	100.0%
	2028	8.4%	7.2%	7.3%	7.1%	8.3%	9.2%	10.0%	10.1%	9.4%	8.0%	7.1%	7.8%	100.0%
	2029	8.4%	7.1%	7.3%	7.1%	8.3%	9.3%	10.0%	10.2%	9.4%	8.0%	7.1%	7.8%	100.0%
	2030	8.4%	7.1%	7.2%	7.1%	8.3%	9.2%	10.0%	10.1%	9.4%	8.1%	7.2%	7.9%	100.0%
Avg.	2011-2020	8.4%	6.9%	7.2%	7.3%	8.7%	9.4%	10.1%	10.3%	9.3%	8.1%	6.9%	7.4%	100.0%
	2021-2030	8.4%	7.1%	7.3%	7.1%	8.3%	9.3%	10.0%	10.2%	9.4%	8.0%	7.2%	7.8%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - High Economic Case

Green Cove Springs (Full Req'ts)

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	31.1	23.7	16.3	21.9	24.1	25.3	24.4	26.6	22.9	18.2	15.9	18.9	31.1	26.6
	2012	26.6	27.0	17.1	19.8	22.0	22.6	24.1	23.9	23.0	21.5	21.5	21.2	27.0	24.1
	2013	21.5	26.2	24.4	18.1	20.1	23.7	22.9	24.7	23.2	20.2	17.3	18.5	26.2	24.7
	2014	26.8	23.6	18.7	19.6	20.5	22.2	23.1	24.1	23.4	19.4	24.7	20.3	26.8	24.1
	2015	23.7	27.5	15.0	18.6	22.1	24.6	23.8	24.0	22.7	19.2	19.7	14.9	27.5	24.6
	2016	26.1	24.8	16.7	19.1	22.7	24.5	25.1	25.0	21.7	18.5	16.8	18.6	26.1	25.1
	2017	23.8	17.1	21.8	21.2	23.0	22.7	24.0	25.0	23.1	21.2	15.8	22.6	23.8	25.0
	2018	31.1	19.1	18.5	16.5	21.2	23.9	23.9	23.6	23.8	21.9	20.8	24.4	31.1	23.9
	2019	24.3	19.1	21.3	18.7	24.4	25.1	25.4	25.4	24.2	21.4	18.3	20.5	24.4	25.4
	2020	24.4	20.8	19.8	19.6	21.8	25.1	24.7	25.9	24.3	21.5	18.8	22.0	24.4	25.9
Projected	2021	28.3	25.2	20.7	20.0	23.1	25.1	25.6	26.1	24.5	21.7	19.4	22.7	28.3	26.1
	2022	29.1	26.0	21.4	20.6	23.9	25.9	26.4	27.0	25.2	22.4	20.0	23.4	29.1	27.0
	2023	30.0	26.8	22.0	21.3	24.6	26.7	27.2	27.8	26.0	23.1	20.5	24.0	30.0	27.8
	2024	30.8	27.5	22.6	21.9	25.3	27.5	28.0	28.6	26.8	23.8	21.2	24.9	30.8	28.6
	2025	31.9	28.5	23.4	22.5	26.1	28.3	28.8	29.4	27.5	24.4	21.8	25.6	31.9	29.4
	2026	32.8	29.3	24.0	23.1	26.8	29.0	29.6	30.2	28.3	25.1	22.3	26.2	32.8	30.2
	2027	33.6	30.0	24.7	23.7	27.4	29.8	30.3	30.9	28.9	25.7	22.8	26.7	33.6	30.9
	2028	34.3	30.6	25.2	24.3	28.1	30.4	31.0	31.6	29.6	26.3	23.4	27.5	34.3	31.6
	2029	35.2	31.5	25.9	24.8	28.7	31.1	31.7	32.4	30.3	26.9	24.0	28.1	35.2	32.4
	2030	36.1	32.2	26.5	25.4	29.4	31.8	32.4	33.1	31.0	27.5	24.8	29.1	36.1	33.1
Projected	2031	37.3	33.3	27.4	26.2	30.3	32.9	33.5	34.2	32.0	28.5	25.2	29.6	37.3	34.2
	2032	38.0	33.9	27.9	26.8	31.0	33.6	34.2	34.9	32.7	29.1	25.9	30.4	38.0	34.9
	2033	38.9	34.8	28.6	27.3	31.6	34.3	34.9	35.6	33.4	29.7	26.4	31.0	38.9	35.6
	2034	39.8	35.5	29.2	27.9	32.3	35.0	35.7	36.4	34.0	30.3	27.0	31.7	39.8	36.4
	2035	40.6	36.3	29.8	28.5	33.0	35.7	36.4	37.1	34.7	30.9	27.4	32.2	40.6	37.1
	2036	41.3	36.9	30.3	29.0	33.6	36.4	37.1	37.8	35.4	31.5	28.1	32.9	41.3	37.8
	2037	42.2	37.7	31.0	29.6	34.3	37.1	37.8	38.6	36.1	32.1	28.6	33.6	42.2	38.6
	2038	43.1	38.5	31.6	30.2	34.9	37.8	38.5	39.3	36.8	32.7	29.2	34.2	43.1	39.3
	2039	43.9	39.2	32.2	30.7	35.6	38.5	39.3	40.1	37.5	33.4	29.6	34.7	43.9	40.1
	2040	44.5	39.8	32.7	31.3	36.2	39.2	40.0	40.8	38.2	34.0	30.5	35.8	44.5	40.8

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	47.3%	53.1%	70.4%	59.4%	59.2%	63.7%	65.6%	64.9%	66.2%	63.9%	69.4%	60.2%	44.1%	53.6%
	2012	47.6%	42.8%	67.4%	61.3%	62.2%	62.8%	67.0%	64.5%	65.5%	58.9%	53.8%	55.2%	49.0%	54.4%
	2013	53.0%	45.3%	48.0%	62.8%	61.9%	63.3%	65.0%	64.3%	63.0%	60.9%	61.4%	59.1%	48.7%	52.4%
	2014	52.4%	49.1%	56.9%	56.0%	61.6%	62.3%	63.2%	63.4%	58.4%	59.1%	44.6%	56.2%	47.1%	52.3%
	2015	52.4%	46.2%	71.0%	62.5%	60.1%	59.4%	62.7%	61.4%	60.6%	59.6%	56.2%	71.7%	45.9%	51.7%
	2016	49.5%	48.7%	64.0%	58.4%	57.3%	62.6%	65.2%	63.8%	67.2%	62.4%	63.0%	59.0%	49.7%	51.7%
	2017	47.9%	61.6%	50.3%	56.2%	58.5%	62.0%	63.8%	62.3%	58.4%	61.7%	66.3%	52.4%	53.3%	50.1%
	2018	49.4%	57.6%	58.6%	66.0%	60.3%	62.0%	61.6%	66.3%	66.8%	59.6%	53.6%	47.8%	42.3%	54.9%
	2019	51.7%	56.4%	49.9%	60.8%	59.1%	60.7%	59.7%	62.4%	63.1%	61.9%	57.7%	52.8%	53.3%	51.6%
	2020	48.4%	54.9%	59.1%	56.7%	57.5%	58.8%	66.0%	61.9%	61.0%	59.1%	62.2%	55.8%	54.0%	50.1%
Projected	2021	47.5%	49.7%	56.4%	58.9%	57.9%	61.2%	63.0%	62.6%	64.2%	59.5%	61.6%	55.6%	48.4%	52.0%
	2022	47.5%	49.8%	56.4%	58.9%	57.8%	61.2%	63.0%	62.6%	64.2%	59.5%	61.6%	55.6%	48.4%	51.9%
	2023	47.5%	49.8%	56.4%	58.9%	57.8%	61.2%	63.0%	62.6%	64.2%	59.5%	61.8%	55.8%	48.4%	51.9%
	2024	47.7%	49.4%	56.6%	58.9%	57.8%	61.2%	63.0%	62.6%	64.2%	59.5%	61.6%	55.6%	48.6%	52.0%
	2025	47.5%	49.8%	56.3%	58.9%	57.8%	61.2%	63.0%	62.6%	64.2%	59.4%	61.5%	55.5%	48.3%	52.0%
	2026	47.5%	49.7%	56.3%	58.9%	57.8%	61.2%	63.0%	62.6%	64.2%	59.4%	61.5%	55.5%	48.2%	52.0%
	2027	47.5%	49.7%	56.2%	58.8%	57.8%	61.2%	63.0%	62.6%	64.2%	59.3%	61.6%	55.7%	48.1%	52.0%
	2028	47.7%	49.3%	56.3%	58.8%	57.7%	61.2%	63.0%	62.6%	64.2%	59.3%	61.3%	55.4%	48.3%	52.1%
	2029	47.5%	49.7%	56.1%	58.8%	57.7%	61.2%	63.0%	62.6%	64.2%	59.2%	61.3%	55.4%	48.0%	52.0%
	2030	47.5%	49.7%	56.0%	58.7%	57.6%	61.2%	63.0%	62.6%	64.2%	60.0%	61.3%	55.4%	48.1%	52.0%
Avg.	2011-2020	50.0%	51.6%	59.6%	60.0%	59.8%	61.8%	64.0%	63.5%	63.0%	60.7%	58.8%	57.0%	48.7%	52.3%
	2021-2030	47.6%	49.7%	56.3%	58.8%	57.8%	61.2%	63.0%	62.6%	64.2%	59.5%	61.5%	55.6%	48.3%	52.0%

FMPA 2021 Load Forecast - High Economic Case

Green Cove Springs (Full Req'ts)

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	29.0	22.5	14.6	21.6	22.6	25.3	23.6	23.0	21.5	17.6	15.5	13.9	29.6	23.0
	2012	26.6	27.0	15.8	18.3	20.2	22.0	24.0	22.9	22.4	20.1	13.7	21.2	26.6	24.0
	2013	21.5	26.2	24.4	18.1	18.8	22.8	21.3	24.2	23.1	20.2	15.0	13.8	24.4	24.2
	2014	24.2	23.6	14.7	19.6	20.5	21.8	20.6	21.4	22.5	18.9	24.7	20.1	24.2	21.4
	2015	23.7	27.5	15.0	17.1	22.1	23.1	22.7	24.0	21.1	19.2	19.6	14.8	27.5	23.1
	2016	26.1	24.8	16.3	19.1	22.7	24.5	24.4	24.9	21.0	14.4	16.8	14.8	19.6	24.4
	2017	23.7	15.3	16.8	21.0	22.7	22.7	24.0	23.6	20.7	21.1	15.8	22.6	16.8	23.6
	2018	30.6	15.3	15.1	15.6	21.0	23.7	22.5	23.1	23.1	21.9	17.6	24.4	30.6	23.1
	2019	23.2	15.0	15.3	18.6	24.0	25.1	24.8	23.2	24.2	19.2	18.3	12.8	17.6	25.1
	2020	24.4	14.3	19.6	19.6	21.8	25.1	23.5	25.4	24.0	20.4	17.1	19.5	19.6	25.1
Projected	2021	27.6	23.0	18.4	19.5	22.6	24.7	24.4	24.9	23.5	20.6	17.7	20.1	27.6	24.9
	2022	28.5	23.7	19.0	20.1	23.3	25.5	25.2	25.7	24.3	21.3	18.2	20.7	28.5	25.7
	2023	29.3	24.5	19.6	20.8	24.0	26.3	26.0	26.5	25.0	22.0	18.7	21.3	29.3	26.5
	2024	30.1	25.1	20.1	21.4	24.7	27.1	26.7	27.2	25.8	22.6	19.3	22.0	30.1	27.2
	2025	31.1	25.9	20.7	22.0	25.4	27.9	27.5	28.0	26.5	23.3	19.9	22.6	31.1	28.0
	2026	32.0	26.7	21.3	22.6	26.1	28.6	28.2	28.7	27.2	23.9	20.4	23.2	32.0	28.7
	2027	32.8	27.4	21.9	23.1	26.7	29.3	28.9	29.4	27.9	24.5	20.8	23.7	32.8	29.4
	2028	33.5	27.9	22.3	23.7	27.4	30.0	29.6	30.1	28.5	25.0	21.4	24.3	33.5	30.1
	2029	34.4	28.7	22.9	24.2	28.0	30.6	30.3	30.8	29.1	25.6	21.9	24.9	34.4	30.8
	2030	35.2	29.4	23.5	24.8	28.6	31.3	30.9	31.5	29.8	26.2	22.6	25.8	35.2	31.5
Projected	2031	36.4	30.4	24.3	25.6	29.6	32.4	32.0	32.5	30.8	27.1	23.0	26.2	36.4	32.5
	2032	37.1	30.9	24.7	26.1	30.2	33.1	32.6	33.2	31.4	27.6	23.6	26.9	37.1	33.2
	2033	38.0	31.7	25.4	26.7	30.8	33.7	33.3	33.9	32.1	28.2	24.1	27.5	38.0	33.9
	2034	38.8	32.4	25.9	27.2	31.5	34.4	34.0	34.6	32.7	28.8	24.6	28.0	38.8	34.6
	2035	39.6	33.0	26.4	27.8	32.1	35.1	34.7	35.3	33.4	29.4	25.0	28.5	39.6	35.3
	2036	40.3	33.6	26.9	28.3	32.8	35.8	35.4	36.0	34.1	30.0	25.6	29.2	40.3	36.0
	2037	41.2	34.4	27.5	28.9	33.4	36.5	36.1	36.7	34.7	30.6	26.1	29.7	41.2	36.7
	2038	42.0	35.1	28.0	29.4	34.0	37.2	36.7	37.4	35.4	31.1	26.6	30.3	42.0	37.4
	2039	42.9	35.7	28.6	30.0	34.7	37.9	37.4	38.1	36.1	31.7	27.0	30.8	42.9	38.1
	2040	43.5	36.3	29.0	30.6	35.3	38.6	38.1	38.8	36.7	32.3	27.8	31.7	43.5	38.8

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	93.0%	95.0%	89.7%	98.6%	93.9%	100.0%	96.4%	86.4%	94.1%	96.5%	97.7%	73.4%	95.1%	86.4%
	2012	100.0%	100.0%	92.3%	92.3%	91.5%	97.2%	99.9%	95.8%	97.4%	93.6%	63.6%	100.0%	98.2%	99.9%
	2013	100.0%	100.0%	100.0%	100.0%	93.5%	96.2%	92.8%	97.8%	99.7%	100.0%	86.6%	74.5%	92.9%	97.8%
	2014	90.5%	100.0%	78.4%	100.0%	100.0%	98.2%	89.4%	88.8%	96.5%	97.2%	100.0%	98.9%	90.5%	88.8%
	2015	100.0%	100.0%	100.0%	91.9%	100.0%	93.7%	95.6%	100.0%	93.0%	100.0%	99.5%	99.8%	100.0%	93.7%
	2016	100.0%	100.0%	97.5%	100.0%	100.0%	100.0%	97.3%	99.4%	96.7%	78.0%	100.0%	80.0%	75.1%	97.3%
	2017	99.6%	89.4%	77.4%	98.9%	98.6%	100.0%	100.0%	94.4%	89.3%	99.3%	100.0%	100.0%	70.7%	94.4%
	2018	98.2%	80.1%	82.0%	94.7%	99.0%	99.3%	94.1%	97.8%	97.2%	100.0%	84.3%	100.0%	98.2%	96.6%
	2019	95.2%	78.2%	71.7%	99.6%	98.5%	100.0%	97.8%	91.2%	100.0%	89.7%	100.0%	62.4%	72.0%	98.9%
	2020	100.0%	68.6%	98.7%	100.0%	99.8%	100.0%	95.2%	98.2%	98.6%	95.1%	91.2%	88.5%	80.3%	97.0%
Projected	2021	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2022	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2023	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2024	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2025	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2026	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2027	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2028	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2029	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2030	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2011-2020	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.8%	95.0%	96.2%	94.9%	92.3%	87.8%	87.3%	95.1%
	2021-2030	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%

FMPA 2021 Load Forecast - High Economic Case - Green Cove Springs

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service Non-Demand						General Service Demand						Large Service Demand						City		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	46,089		3,101		14,861		11,087		526		21.1		48,101		100		479		8,159		3		2,720		3,312		116,748		7,949	6.4%	124,697	
	2012	41,326	-10.3%	3,097	-0.1%	13,342	-10.2%	10,306	-7.0%	526	-0.1%	19.6	-7.0%	46,582	-3.2%	99	-1.7%	473	-1.4%	6,262	-23.3%	3	0.0%	2,087	-23.3%	3,031	-8.5%	107,507	-7.9%	7,083	6.2%	114,590	-8.1%
	2013	40,364	-2.3%	3,155	1.9%	12,795	-4.1%	12,146	17.9%	535	1.8%	22.7	15.8%	42,018	-9.8%	105	6.6%	400	-15.4%	5,852	-6.5%	3	0.0%	1,951	-6.5%	2,883	-4.9%	103,263	-3.9%	10,055	8.9%	113,318	-1.1%
	2014	40,257	-0.3%	3,158	0.1%	12,748	-0.4%	10,224	-15.8%	525	-1.9%	19.5	-14.2%	41,497	-1.2%	106	1.0%	391	-2.2%	667	-88.6%	1	-66.7%	667	-65.8%	2,990	3.7%	95,635	-7.4%	14,730	13.3%	110,365	-2.6%
	2015	46,784	16.2%	3,186	0.9%	14,685	15.2%	10,696	4.6%	533	1.5%	20.1	3.0%	46,776	12.7%	97	-8.3%	481	23.0%	0	-100.0%	0	-100.0%	0	-100.0%	3,362	12.4%	107,618	12.5%	3,794	3.4%	111,412	0.9%
	2016	49,112	5.0%	3,307	3.8%	14,849	1.1%	11,574	8.2%	556	4.4%	20.8	3.6%	46,737	-0.1%	95	-2.8%	495	2.8%	0	0.0%	0	0.0%	0	0.0%	3,616	7.6%	111,039	3.2%	2,636	2.3%	113,675	2.0%
	2017	45,166	-8.0%	3,374	2.0%	13,386	-9.9%	11,292	-2.4%	570	2.4%	19.8	-4.7%	43,029	-7.9%	95	0.4%	454	-8.3%	0	0.0%	0	0.0%	0	0.0%	3,578	-1.1%	103,065	-7.2%	6,460	5.9%	109,525	-3.7%
	2018	51,251	13.5%	3,437	1.9%	14,911	11.4%	10,430	-7.6%	570	0.1%	18.3	-7.8%	45,692	6.2%	111	17.4%	410	-9.5%	0	0.0%	0	0.0%	0	0.0%	3,615	1.0%	110,988	7.7%	4,007	3.5%	114,995	5.0%
	2019	49,475	-3.5%	3,463	0.8%	14,287	-4.2%	9,629	-7.7%	554	-2.8%	17.4	-5.0%	45,688	0.0%	130	16.8%	351	-14.4%	0	0.0%	0	0.0%	0	0.0%	3,621	0.2%	108,413	-2.3%	6,496	5.7%	114,909	-0.1%
	2020	49,931	0.9%	3,542	2.3%	14,095	-1.3%	9,009	-6.4%	549	-0.9%	16.4	-5.5%	45,020	-1.5%	141	8.7%	319	-9.4%	0	0.0%	0	0.0%	0	0.0%	3,786	4.6%	107,746	-0.6%	5,879	5.2%	113,625	-1.1%
Projected	2021	53,618	7.4%	3,635	2.6%	14,752	4.7%	9,120	1.2%	557	1.4%	16.4	-0.1%	47,086	4.6%	147	3.8%	321	0.8%	0	0.0%	0	0.0%	0	0.0%	3,757	-0.8%	113,580	5.4%	5,635	4.7%	119,215	4.9%
	2022	55,557	3.6%	3,748	3.1%	14,823	0.5%	9,397	3.0%	578	3.8%	16.3	-0.7%	48,115	2.2%	144	-1.5%	333	3.8%	0	0.0%	0	0.0%	0	0.0%	3,916	4.2%	116,985	3.0%	5,818	4.7%	122,803	3.0%
	2023	57,358	3.2%	3,836	2.3%	14,953	0.9%	9,635	2.5%	592	2.5%	16.3	0.0%	49,573	3.0%	144	-0.6%	345	3.7%	0	0.0%	0	0.0%	0	0.0%	4,037	3.1%	120,604	3.1%	5,997	4.7%	126,602	3.1%
	2024	59,050	2.9%	3,914	2.0%	15,085	0.9%	9,890	2.6%	604	2.1%	16.4	0.6%	51,152	3.2%	144	0.1%	356	3.1%	0	0.0%	0	0.0%	0	0.0%	4,150	2.8%	124,243	3.0%	6,394	4.9%	130,637	3.2%
	2025	60,909	3.1%	3,989	1.9%	15,268	1.2%	10,108	2.2%	615	1.9%	16.4	0.3%	52,598	2.8%	144	0.5%	365	2.4%	0	0.0%	0	0.0%	0	0.0%	4,260	2.6%	127,876	2.9%	6,358	4.7%	134,234	2.8%
	2026	62,891	3.3%	4,060	1.8%	15,492	1.5%	10,283	1.7%	626	1.7%	16.4	0.0%	53,862	2.4%	145	0.7%	371	1.7%	0	0.0%	0	0.0%	0	0.0%	4,367	2.5%	131,403	2.8%	6,532	4.7%	137,935	2.8%
	2027	64,790	3.0%	4,125	1.6%	15,706	1.4%	10,436	1.5%	636	1.6%	16.4	-0.1%	55,023	2.2%	146	0.8%	376	1.3%	0	0.0%	0	0.0%	0	0.0%	4,470	2.4%	134,720	2.5%	6,696	4.7%	141,416	2.5%
	2028	66,660	2.9%	4,190	1.6%	15,911	1.3%	10,580	1.4%	646	1.6%	16.4	-0.2%	56,149	2.0%	148	0.9%	380	1.2%	0	0.0%	0	0.0%	0	0.0%	4,574	2.3%	137,962	2.4%	7,097	4.9%	145,059	2.6%
	2029	68,527	2.8%	4,252	1.5%	16,118	1.3%	10,720	1.3%	656	1.5%	16.3	-0.2%	57,262	2.0%	149	0.9%	384	1.1%	0	0.0%	0	0.0%	0	0.0%	4,677	2.3%	141,186	2.3%	7,016	4.7%	148,202	2.2%
	2030	70,401	2.7%	4,312	1.4%	16,325	1.3%	10,858	1.3%	666	1.5%	16.3	-0.2%	58,371	1.9%	150	0.9%	388	1.0%	0	0.0%	0	0.0%	0	0.0%	4,780	2.2%	144,411	2.3%	7,175	4.7%	151,586	2.3%
	2031	72,233	2.6%	4,369	1.3%	16,532	1.3%	10,992	1.2%	676	1.4%	16.3	-0.2%	59,460	1.9%	152	0.9%	392	0.9%	1,863	0.0%	1	0.0%	1,808	0.0%	4,883	2.1%	149,432	3.5%	7,424	4.7%	156,855	3.5%
	2032	74,033	2.5%	4,422	1.2%	16,743	1.3%	11,122	1.2%	685	1.4%	16.2	-0.2%	60,512	1.8%	153	0.9%	395	0.9%	1,984	6.5%	1	6.5%	1,808	0.0%	4,982	2.0%	152,633	2.1%	7,848	4.9%	160,481	2.3%
	2033	75,864	2.5%	4,474	1.2%	16,956	1.3%	11,250	1.2%	694	1.3%	16.2	-0.2%	61,566	1.7%	154	0.9%	399	0.9%	2,104	6.1%	1	6.1%	1,808	0.0%	5,081	2.0%	155,866	2.1%	7,742	4.7%	163,608	1.9%
	2034	77,713	2.4%	4,525	1.1%	17,173	1.3%	11,379	1.1%	703	1.3%	16.2	-0.2%	62,624	1.7%	156	0.9%	402	0.9%	2,225	5.7%	1	5.7%	1,808	0.0%	5,181	2.0%	159,122	2.1%	7,903	4.7%	167,025	2.1%
	2035	79,576	2.4%	4,575	1.1%	17,393	1.3%	11,507	1.1%	712	1.3%	16.2	-0.2%	63,688	1.7%	157	0.8%	406	0.8%	2,345	5.4%	1	5.4%	1,808	0.0%	5,283	2.0%	162,399	2.1%	8,065	4.7%	170,464	2.1%
	2036	81,460	2.4%	4,625	1.1%	17,613	1.3%	11,634	1.1%	722	1.3%	16.1	-0.2%	64,748	1.7%	158	0.8%	409	0.8%	2,466	5.1%	1	5.1%	1,808	0.0%	5,383	1.9%	165,692	2.0%	8,517	4.9%	174,209	2.2%
	2037	83,305	2.3%	4,671	1.0%	17,835	1.3%	11,759	1.1%	731	1.2%	16.1	-0.2%	65,793	1.6%	160	0.8%	412	0.8%	2,586	4.9%	1	4.9%	1,808	0.0%	5,483	1.9%	168,926	2.0%	8,388	4.7%	177,314	1.8%
	2038	85,168	2.2%	4,716	1.0%	18,058	1.2%	11,884	1.1%	740	1.2%	16.1	-0.2%	66,844	1.6%	161	0.8%	415	0.8%	2,706	4.7%	1	4.7%	1,808	0.0%	5,584	1.8%	172,187	1.9%	8,549	4.7%	180,736	1.9%
	2039	87,052	2.2%	4,762	1.0%	18,281	1.2%	12,009	1.1%	749	1.2%	16.0	-0.2%	67,901	1.6%	162	0.8%	419	0.8%	2,827	4.4%	2	4.5%	1,808	0.0%	5,685	1.8%	175,474	1.9%	8,712	4.7%	184,186	1.9%
	2040	88,958	2.2%	4,807	1.0%	18,505	1.2%	12,134	1.0%	758	1.2%	16.0	-0.2%	68,965	1.6%	163	0.8%	422	0.8%	2,947	4.3%	2	4.3%	1,808	0.0%	5,787	1.8%	178,792	1.9%	9,188	4.9%	187,980	2.1%
CAGR	2011-2020		0.9%		1.5%		-0.6%		-2.3%		0.5%		-2.7%		-0.7%		3.9%		-4.4%		-100.0%		-100.0%		-100.0%		1.5%		-0.9%		6.1%		-1.0%
	2021-2030		3.1%		1.9%		1.1%		2.0%		2.0%		-0.1%		2.4%		0.3%		2.1%		0.0%		0.0%		0.0%		2.7%		2.7%		4.8%		2.7%
	2031-2040		2.3%		1.1%		1.3%		1.1%		1.3%		-0.2%		1.7%		0.8%		0.8%		0.0%		0.0%		0.0%		1.9%		2.0%		4.8%		2.0%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - Mild Weather Case

Green Cove Springs (Full Req'ts)

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	124,697	-	119,994	-	-3.8%	29.6	-	29.8	-	0.4%	23.0	-	22.6		-1.7%
	2012	114,590	-8.1%	116,139	-3.2%	1.4%	26.6	-10.3%	25.2	-15.3%	-5.2%	24.0	4.7%	24.9	10.5%	3.8%
	2013	113,318	-1.1%	114,105	-1.8%	0.7%	24.4	-8.3%	26.8	6.4%	10.0%	24.2	0.5%	24.6	-1.4%	1.8%
	2014	110,365	-2.6%	111,110	-2.6%	0.7%	24.2	-0.6%	26.5	-1.1%	9.4%	21.4	-11.4%	21.6	-12.1%	1.0%
	2015	111,412	0.9%	109,497	-1.5%	-1.7%	27.5	13.7%	26.6	0.2%	-3.5%	23.1	7.7%	25.1	16.1%	8.9%
	2016	113,675	2.0%	111,175	1.5%	-2.2%	19.6	-28.8%	26.3	-0.9%	34.3%	24.4	5.9%	24.4	-2.6%	0.1%
	2017	109,525	-3.7%	111,101	-0.1%	1.4%	16.8	-14.1%	23.7	-10.0%	40.7%	23.6	-3.4%	24.4	-0.1%	3.6%
	2018	114,995	5.0%	111,139	0.0%	-3.4%	30.6	81.5%	29.0	22.4%	-5.1%	23.1	-2.1%	22.4	-8.2%	-2.9%
	2019	114,909	-0.1%	110,994	-0.1%	-3.4%	17.6	-42.6%	31.4	8.1%	78.7%	25.1	8.8%	24.5	9.1%	-2.6%
	2020	113,625	-1.1%	115,619	4.2%	1.8%	19.6	11.4%	28.8	-8.3%	47.1%	25.1	-0.2%	25.3	3.3%	0.8%
Projected	2021	113,310	-0.3%	113,310	-2.0%		25.1	28.4%	25.1	-12.7%		23.2	-7.4%	23.2	-8.0%	
	2022			114,557	1.1%				25.3	0.9%				23.6	1.7%	
	2023			116,736	1.9%				25.8	1.9%				24.1	1.9%	
	2024			119,223	2.1%				26.2	1.6%				24.6	1.9%	
	2025			121,290	1.7%				26.8	2.3%				25.0	1.9%	
	2026			123,458	1.8%				27.3	1.8%				25.4	1.8%	
	2027			125,587	1.7%				27.8	1.7%				25.9	1.7%	
	2028			127,928	1.9%				28.2	1.3%				26.3	1.7%	
	2029			129,882	1.5%				28.7	2.1%				26.8	1.7%	
	2030			132,054	1.7%				29.2	1.7%				27.2	1.7%	
	2031			136,175	3.1%				30.1	3.2%				28.1	3.1%	
	2032			138,640	1.8%				30.5	1.3%				28.5	1.6%	
	2033			140,660	1.5%				31.1	2.0%				29.0	1.6%	
	2034			142,930	1.6%				31.6	1.6%				29.4	1.6%	
	2035			145,218	1.6%				32.1	1.6%				29.9	1.6%	
	2036			147,775	1.8%				32.5	1.2%				30.4	1.6%	
	2037			149,809	1.4%				33.2	1.9%				30.9	1.5%	
	2038			152,091	1.5%				33.7	1.5%				31.3	1.5%	
	2039			154,408	1.5%				34.2	1.5%				31.8	1.5%	
	2040			156,974	1.7%				34.6	1.1%				32.3	1.5%	
CAGR [3]	2011-2020		-1.0%		-0.4%			-4.5%		-0.4%			1.0%		1.3%	
	2021-2030				1.7%					1.7%					1.8%	
	2031-2040				1.6%					1.5%					1.6%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Green Cove Springs (Full Req'ts)

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	124,697	-	124,697	-	31.1	26.6	31.1	26.6	29.6	23.0	29.6	23.0
	2012	114,590	-8.1%	114,590	-8.1%	27.0	24.1	27.0	24.1	26.6	24.0	26.6	24.0
	2013	113,318	-1.1%	113,318	-1.1%	26.2	24.7	26.2	24.7	24.4	24.2	24.4	24.2
	2014	110,365	-2.6%	110,365	-2.6%	26.8	24.1	26.8	24.1	24.2	21.4	24.2	21.4
	2015	111,412	0.9%	111,412	0.9%	27.5	24.6	27.5	24.6	27.5	23.1	27.5	23.1
	2016	113,675	2.0%	113,675	2.0%	26.1	25.1	26.1	25.1	19.6	24.4	19.6	24.4
	2017	109,525	-3.7%	109,525	-3.7%	23.8	25.0	23.8	25.0	16.8	23.6	16.8	23.6
	2018	114,995	5.0%	114,995	5.0%	31.1	23.9	31.1	23.9	30.6	23.1	30.6	23.1
	2019	114,909	-0.1%	114,909	-0.1%	24.4	25.4	24.4	25.4	17.6	25.1	17.6	25.1
	2020	113,625	-1.1%	109,692	-4.5%	24.4	25.9	25.0	23.7	19.6	25.1	24.4	22.6
Projected	2021	113,310	-0.3%	111,326	1.5%	25.7	24.4	25.5	24.1	25.1	23.2	24.9	23.0
	2022	114,557	1.1%	113,289	1.8%	25.9	24.8	25.9	24.5	25.3	23.6	25.3	23.4
	2023	116,736	1.9%	115,197	1.7%	26.4	25.3	26.4	24.9	25.8	24.1	25.7	23.8
	2024	119,223	2.1%	117,356	1.9%	26.8	25.8	26.7	25.4	26.2	24.6	26.1	24.2
	2025	121,290	1.7%	119,257	1.6%	27.5	26.3	27.3	25.8	26.8	25.0	26.6	24.6
	2026	123,458	1.8%	121,352	1.8%	28.0	26.7	27.8	26.3	27.3	25.4	27.1	25.1
	2027	125,587	1.7%	123,427	1.7%	28.5	27.2	28.2	26.7	27.8	25.9	27.6	25.5
	2028	127,928	1.9%	125,701	1.8%	28.8	27.6	28.6	27.2	28.2	26.3	27.9	25.9
	2029	129,882	1.5%	127,572	1.5%	29.4	28.1	29.2	27.6	28.7	26.8	28.5	26.4
	2030	132,054	1.7%	131,812	3.3%	29.9	28.6	30.2	28.5	29.2	27.2	29.5	27.2
	2031	136,175	3.1%	133,971	1.6%	30.9	29.5	30.7	29.0	30.1	28.1	29.9	27.7
	2032	138,640	1.8%	136,298	1.7%	31.3	29.9	31.0	29.5	30.5	28.5	30.3	28.1
	2033	140,660	1.5%	138,184	1.4%	31.9	30.4	31.6	29.9	31.1	29.0	30.9	28.5
	2034	142,930	1.6%	140,265	1.5%	32.4	30.9	32.1	30.4	31.6	29.4	31.4	29.0
	2035	145,218	1.6%	142,336	1.5%	32.9	31.4	32.6	30.8	32.1	29.9	31.8	29.4
	2036	147,775	1.8%	144,652	1.6%	33.3	31.9	32.9	31.3	32.5	30.4	32.2	29.8
	2037	149,809	1.4%	146,463	1.3%	34.0	32.4	33.5	31.7	33.2	30.9	32.7	30.2
	2038	152,091	1.5%	148,496	1.4%	34.5	32.9	34.0	32.2	33.7	31.3	33.2	30.7
	2039	154,408	1.5%	150,525	1.4%	35.0	33.4	34.5	32.6	34.2	31.8	33.7	31.1
	2040	156,974	1.7%			35.4	33.9			34.6	32.3		
CAGR[1]	Historical		-1.0%		-1.0%	-2.7%	-0.3%	-3.0%	-0.6%	-3.8%	0.5%	-5.7%	0.6%
	1st 10 Prj Yrs		1.7%		1.7%	1.7%	1.8%	1.8%	1.7%	1.7%	1.8%	1.8%	1.7%
	2nd 10 Prj Yrs		1.6%		1.5%	1.5%	1.6%	1.5%	1.5%	1.5%	1.6%	1.5%	1.5%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Green Cove Springs (Full Req'ts)

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	124,697	-	119,994	-	-3.8%	29.6	-	29.8	-	0.4%	23.0	-	22.6		-1.7%
	2012	114,590	-8.1%	116,139	-3.2%	1.4%	26.6	-10.3%	25.2	-15.3%	-5.2%	24.0	4.7%	24.9	10.5%	3.8%
	2013	113,318	-1.1%	114,105	-1.8%	0.7%	24.4	-8.3%	26.8	6.4%	10.0%	24.2	0.5%	24.6	-1.4%	1.8%
	2014	110,365	-2.6%	111,110	-2.6%	0.7%	24.2	-0.6%	26.5	-1.1%	9.4%	21.4	-11.4%	21.6	-12.1%	1.0%
	2015	111,412	0.9%	109,497	-1.5%	-1.7%	27.5	13.7%	26.6	0.2%	-3.5%	23.1	7.7%	25.1	16.1%	8.9%
	2016	113,675	2.0%	111,175	1.5%	-2.2%	19.6	-28.8%	26.3	-0.9%	34.3%	24.4	5.9%	24.4	-2.6%	0.1%
	2017	109,525	-3.7%	111,101	-0.1%	1.4%	16.8	-14.1%	23.7	-10.0%	40.7%	23.6	-3.4%	24.4	-0.1%	3.6%
	2018	114,995	5.0%	111,139	0.0%	-3.4%	30.6	81.5%	29.0	22.4%	-5.1%	23.1	-2.1%	22.4	-8.2%	-2.9%
	2019	114,909	-0.1%	110,994	-0.1%	-3.4%	17.6	-42.6%	31.4	8.1%	78.7%	25.1	8.8%	24.5	9.1%	-2.6%
	2020	113,625	-1.1%	114,333	3.0%	0.6%	19.6	11.4%	28.8	-8.3%	47.1%	25.1	-0.2%	25.3	3.3%	0.8%
Projected	2021	113,215	-0.4%	113,215	-1.0%		25.1	28.4%	25.1	-12.7%		23.2	-7.4%	23.2	-8.1%	
	2022			114,416	1.1%				25.3	0.9%				23.6	1.6%	
	2023			116,548	1.9%				25.8	1.9%				24.0	1.9%	
	2024			118,981	2.1%				26.2	1.6%				24.5	1.9%	
	2025			120,988	1.7%				26.8	2.3%				24.9	1.8%	
	2026			123,071	1.7%				27.3	1.8%				25.4	1.7%	
	2027			125,106	1.7%				27.8	1.7%				25.8	1.6%	
	2028			127,346	1.8%				28.2	1.3%				26.2	1.6%	
	2029			129,196	1.5%				28.7	2.1%				26.6	1.6%	
	2030			131,257	1.6%				29.2	1.7%				27.0	1.6%	
	2031			135,308	3.1%				30.1	3.2%				27.8	3.0%	
	2032			137,702	1.8%				30.5	1.3%				28.3	1.6%	
	2033			139,654	1.4%				31.1	2.0%				28.7	1.6%	
	2034			141,847	1.6%				31.6	1.6%				29.2	1.6%	
	2035			144,054	1.6%				32.1	1.6%				29.6	1.6%	
	2036			146,525	1.7%				32.5	1.2%				30.1	1.5%	
	2037			148,527	1.4%				33.2	1.9%				30.6	1.5%	
	2038			150,720	1.5%				33.7	1.5%				31.0	1.5%	
	2039			153,001	1.5%				34.2	1.5%				31.5	1.5%	
	2040			155,473	1.6%				34.6	1.1%				31.9	1.4%	
CAGR [3]	2011-2020		-1.0%		-0.5%			-4.5%		-0.4%			1.0%		1.3%	
	2021-2030				1.7%					1.7%					1.7%	
	2031-2040				1.6%					1.5%					1.5%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Green Cove Springs (Full Req'ts)

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	124,697	-	119,994	-	-3.8%	31.1	-	45.7%	26.6	-	53.6%
	2012	114,590	-8.1%	116,139	-3.2%	1.4%	27.0	-13.2%	48.4%	24.1	-9.4%	54.4%
	2013	113,318	-1.1%	114,105	-1.8%	0.7%	26.2	-3.1%	49.3%	24.7	2.6%	52.4%
	2014	110,365	-2.6%	111,110	-2.6%	0.7%	26.8	2.1%	47.1%	24.1	-2.4%	52.3%
	2015	111,412	0.9%	109,497	-1.5%	-1.7%	27.5	2.8%	46.2%	24.6	2.2%	51.7%
	2016	113,675	2.0%	111,175	1.5%	-2.2%	26.1	-5.1%	49.7%	25.1	2.0%	51.7%
	2017	109,525	-3.7%	111,101	-0.1%	1.4%	23.8	-8.8%	52.5%	25.0	-0.5%	50.1%
	2018	114,995	5.0%	111,139	0.0%	-3.4%	31.1	30.7%	42.2%	23.9	-4.3%	54.9%
	2019	114,909	-0.1%	110,994	-0.1%	-3.4%	24.4	-21.7%	53.8%	25.4	6.3%	51.6%
	2020	113,625	-1.1%	114,333	3.0%	0.6%	24.4	-0.1%	53.2%	25.9	1.8%	50.1%
Projected	2021	113,215	-0.4%	113,215	-1.0%		25.7	5.5%	50.3%	24.4	-5.7%	53.0%
	2022	114,416	1.1%	114,416	1.1%		25.9	0.9%	50.4%	24.8	1.6%	52.7%
	2023	116,548	1.9%	116,548	1.9%		26.4	1.9%	50.3%	25.2	1.9%	52.7%
	2024	118,981	2.1%	118,981	2.1%		26.8	1.6%	50.6%	25.7	1.9%	52.8%
	2025	120,988	1.7%	120,988	1.7%		27.5	2.3%	50.3%	26.2	1.8%	52.7%
	2026	123,071	1.7%	123,071	1.7%		28.0	1.8%	50.2%	26.6	1.7%	52.7%
	2027	125,106	1.7%	125,106	1.7%		28.5	1.7%	50.2%	27.1	1.6%	52.8%
	2028	127,346	1.8%	127,346	1.8%		28.8	1.3%	50.4%	27.5	1.6%	52.8%
	2029	129,196	1.5%	129,196	1.5%		29.4	2.1%	50.1%	28.0	1.6%	52.8%
	2030	131,257	1.6%	131,257	1.6%		29.9	1.7%	50.1%	28.4	1.6%	52.8%
	2031	135,308	3.1%	135,308	3.1%		30.9	3.2%	50.0%	29.3	3.0%	52.8%
	2032	137,702	1.8%	137,702	1.8%		31.3	1.3%	50.3%	29.7	1.6%	52.9%
	2033	139,654	1.4%	139,654	1.4%		31.9	2.0%	50.0%	30.2	1.6%	52.8%
	2034	141,847	1.6%	141,847	1.6%		32.4	1.6%	50.0%	30.7	1.6%	52.8%
	2035	144,054	1.6%	144,054	1.6%		32.9	1.6%	50.0%	31.1	1.6%	52.8%
	2036	146,525	1.7%	146,525	1.7%		33.3	1.2%	50.2%	31.6	1.5%	52.9%
	2037	148,527	1.4%	148,527	1.4%		34.0	1.9%	49.9%	32.1	1.5%	52.8%
	2038	150,720	1.5%	150,720	1.5%		34.5	1.5%	49.9%	32.6	1.5%	52.8%
	2039	153,001	1.5%	153,001	1.5%		35.0	1.5%	49.9%	33.1	1.5%	52.8%
	2040	155,473	1.6%	155,473	1.6%		35.4	1.1%	50.1%	33.6	1.4%	52.9%
CAGR [1]	2011-2020		-1.0%		-0.5%			-2.7%	48.8%		-0.3%	52.3%
	2021-2030		1.7%		1.7%			1.7%	50.3%		1.7%	52.8%
	2031-2040		1.6%		1.6%			1.5%	50.0%		1.5%	52.8%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Green Cove Springs (Full Req'ts)

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	10,950	8,452	8,546	9,385	10,597	11,595	11,932	12,839	10,904	8,644	7,945	8,472	120,260	124,697
	2012	9,414	8,050	8,572	8,749	10,195	10,240	11,988	11,478	10,842	9,436	8,334	8,689	115,988	114,590
	2013	8,465	7,984	8,699	8,172	9,284	10,801	11,102	11,821	10,530	9,152	7,650	8,138	111,799	113,318
	2014	10,437	7,788	7,918	7,898	9,380	9,977	10,835	11,363	9,827	8,551	7,942	8,502	110,419	110,365
	2015	9,237	8,553	7,907	8,377	9,876	10,532	11,085	10,939	9,911	8,499	7,972	7,930	110,818	111,412
	2016	9,610	8,383	7,952	8,039	9,664	11,042	12,184	11,886	10,514	8,582	7,621	8,143	113,620	113,675
	2017	8,490	7,083	8,151	8,569	10,035	10,132	11,416	11,578	9,725	9,744	7,527	8,795	111,246	109,525
	2018	11,446	7,374	8,048	7,821	9,540	10,666	10,938	11,657	11,439	9,725	8,047	8,676	115,376	114,995
	2019	9,353	7,257	7,913	8,193	10,712	10,990	11,279	11,777	10,988	9,849	7,613	8,040	113,964	114,909
	2020	8,765	7,960	8,708	8,020	9,325	10,628	12,131	11,907	10,678	9,444	8,415	8,476	114,457	113,625
Projected	2021	8,876	7,717	8,552	8,417	9,872	10,459	11,147	11,276	10,565	9,375	8,421	8,519	113,196	113,215
	2022	8,972	7,805	8,646	8,527	10,001	10,617	11,329	11,460	10,745	9,540	8,571	8,677	114,889	114,416
	2023	9,139	7,951	8,807	8,686	10,191	10,818	11,542	11,677	10,949	9,722	8,737	8,847	117,066	116,548
	2024	9,316	8,299	8,978	8,857	10,388	11,025	11,762	11,896	11,155	9,908	8,902	9,016	119,501	118,981
	2025	9,494	8,260	9,146	9,021	10,580	11,225	11,974	12,109	11,354	10,082	9,058	9,176	121,478	120,988
	2026	9,661	8,405	9,303	9,175	10,760	11,415	12,177	12,313	11,545	10,251	9,208	9,332	123,546	123,071
	2027	9,826	8,547	9,455	9,325	10,937	11,602	12,376	12,515	11,733	10,417	9,356	9,486	125,574	125,106
	2028	9,989	8,896	9,607	9,474	11,113	11,789	12,577	12,719	11,924	10,586	9,506	9,643	127,822	127,346
	2029	10,155	8,832	9,761	9,626	11,291	11,978	12,780	12,924	12,115	10,755	9,656	9,799	129,671	129,196
	2030	10,321	8,976	9,914	9,777	11,470	12,168	12,983	13,130	12,308	11,093	9,959	10,106	132,205	131,257
Projected	2031	10,636	9,268	10,223	10,078	11,824	12,534	13,376	13,525	12,685	11,273	10,120	10,271	135,813	135,308
	2032	10,809	9,644	10,386	10,238	12,012	12,734	13,589	13,741	12,886	11,452	10,279	10,435	138,203	137,702
	2033	10,983	9,570	10,549	10,398	12,201	12,934	13,804	13,959	13,091	11,633	10,440	10,601	140,163	139,654
	2034	11,158	9,723	10,714	10,560	12,390	13,136	14,020	14,177	13,295	11,813	10,601	10,767	142,353	141,847
	2035	11,334	9,876	10,879	10,722	12,582	13,339	14,239	14,399	13,503	11,998	10,766	10,937	144,575	144,054
	2036	11,514	10,272	11,046	10,886	12,775	13,544	14,458	14,620	13,709	12,184	10,932	11,106	147,047	146,525
	2037	11,692	10,188	11,215	11,052	12,969	13,750	14,678	14,843	13,918	12,364	11,092	11,271	149,030	148,527
	2038	11,867	10,340	11,379	11,213	13,159	13,952	14,896	15,063	14,125	12,552	11,261	11,443	151,250	150,720
	2039	12,049	10,498	11,551	11,381	13,356	14,162	15,120	15,290	14,337	12,735	11,423	11,611	153,514	153,001
	2040	12,227	10,906	11,716	11,545	13,548	14,366	15,339	15,512	14,544	12,919	11,587	11,781	155,991	155,473

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	9.1%	7.0%	7.1%	7.8%	8.8%	9.6%	9.9%	10.7%	9.1%	7.2%	6.6%	7.0%	100.0%
	2012	8.1%	6.9%	7.4%	7.5%	8.8%	8.8%	10.3%	9.9%	9.3%	8.1%	7.2%	7.5%	100.0%
	2013	7.6%	7.1%	7.8%	7.3%	8.3%	9.7%	9.9%	10.6%	9.4%	8.2%	6.8%	7.3%	100.0%
	2014	9.5%	7.1%	7.2%	7.2%	8.5%	9.0%	9.8%	10.3%	8.9%	7.7%	7.2%	7.7%	100.0%
	2015	8.3%	7.7%	7.1%	7.6%	8.9%	9.5%	10.0%	9.9%	8.9%	7.7%	7.2%	7.2%	100.0%
	2016	8.5%	7.4%	7.0%	7.1%	8.5%	9.7%	10.7%	10.5%	9.3%	7.6%	6.7%	7.2%	100.0%
	2017	7.6%	6.4%	7.3%	7.7%	9.0%	9.1%	10.3%	10.4%	8.7%	8.8%	6.8%	7.9%	100.0%
	2018	9.9%	6.4%	7.0%	6.8%	8.3%	9.2%	9.5%	10.1%	9.9%	8.4%	7.0%	7.5%	100.0%
	2019	8.2%	6.4%	6.9%	7.2%	9.4%	9.6%	9.9%	10.3%	9.6%	8.6%	6.7%	7.1%	100.0%
	2020	7.7%	7.0%	7.6%	7.0%	8.1%	9.3%	10.6%	10.4%	9.3%	8.3%	7.4%	7.4%	100.0%
Projected	2021	7.8%	6.8%	7.6%	7.4%	8.7%	9.2%	9.8%	10.0%	9.3%	8.3%	7.4%	7.5%	100.0%
	2022	7.8%	6.8%	7.5%	7.4%	8.7%	9.2%	9.9%	10.0%	9.4%	8.3%	7.5%	7.6%	100.0%
	2023	7.8%	6.8%	7.5%	7.4%	8.7%	9.2%	9.9%	10.0%	9.4%	8.3%	7.5%	7.6%	100.0%
	2024	7.8%	6.9%	7.5%	7.4%	8.7%	9.2%	9.8%	10.0%	9.3%	8.3%	7.4%	7.5%	100.0%
	2025	7.8%	6.8%	7.5%	7.4%	8.7%	9.2%	9.9%	10.0%	9.3%	8.3%	7.5%	7.6%	100.0%
	2026	7.8%	6.8%	7.5%	7.4%	8.7%	9.2%	9.9%	10.0%	9.3%	8.3%	7.5%	7.6%	100.0%
	2027	7.8%	6.8%	7.5%	7.4%	8.7%	9.2%	9.9%	10.0%	9.3%	8.3%	7.5%	7.6%	100.0%
	2028	7.8%	7.0%	7.5%	7.4%	8.7%	9.2%	9.8%	10.0%	9.3%	8.3%	7.4%	7.5%	100.0%
	2029	7.8%	6.8%	7.5%	7.4%	8.7%	9.2%	9.9%	10.0%	9.3%	8.3%	7.4%	7.6%	100.0%
	2030	7.8%	6.8%	7.5%	7.4%	8.7%	9.2%	9.8%	9.9%	9.3%	8.4%	7.5%	7.6%	100.0%
Avg.	2011-2020	8.4%	6.9%	7.2%	7.3%	8.7%	9.4%	10.1%	10.3%	9.3%	8.1%	7.0%	7.4%	100.0%
	2021-2030	7.8%	6.8%	7.5%	7.4%	8.7%	9.2%	9.8%	10.0%	9.3%	8.3%	7.5%	7.6%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Mild Weather Case

Green Cove Springs (Full Req'ts)

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	31.1	23.7	16.3	21.9	24.1	25.3	24.4	26.6	22.9	18.2	15.9	18.9	31.1	26.6
	2012	26.6	27.0	17.1	19.8	22.0	22.6	24.1	23.9	23.0	21.5	21.5	21.2	27.0	24.1
	2013	21.5	26.2	24.4	18.1	20.1	23.7	22.9	24.7	23.2	20.2	17.3	18.5	26.2	24.7
	2014	26.8	23.6	18.7	19.6	20.5	22.2	23.1	24.1	23.4	19.4	24.7	20.3	26.8	24.1
	2015	23.7	27.5	15.0	18.6	22.1	24.6	23.8	24.0	22.7	19.2	19.7	14.9	27.5	24.6
	2016	26.1	24.8	16.7	19.1	22.7	24.5	25.1	25.0	21.7	18.5	16.8	18.6	26.1	25.1
	2017	23.8	17.1	21.8	21.2	23.0	22.7	24.0	25.0	23.1	21.2	15.8	22.6	23.8	25.0
	2018	31.1	19.1	18.5	16.5	21.2	23.9	23.9	23.6	23.8	21.9	20.8	24.4	31.1	23.9
	2019	24.3	19.1	21.3	18.7	24.4	25.1	25.4	25.4	24.2	21.4	18.3	20.5	24.4	25.4
	2020	24.4	20.8	19.8	19.6	21.8	25.1	24.7	25.9	24.3	21.5	17.1	20.0	24.4	25.9
Projected	2021	25.7	23.0	18.9	18.7	21.6	23.5	23.9	24.4	22.8	20.3	17.2	20.2	25.7	24.4
	2022	25.9	23.2	19.0	19.0	21.9	23.8	24.3	24.8	23.2	20.6	17.6	20.6	25.9	24.8
	2023	26.4	23.6	19.4	19.3	22.4	24.3	24.8	25.2	23.6	21.0	17.8	20.9	26.4	25.2
	2024	26.8	24.0	19.7	19.7	22.8	24.8	25.2	25.7	24.1	21.4	18.3	21.4	26.8	25.7
	2025	27.5	24.5	20.1	20.1	23.2	25.2	25.7	26.2	24.5	21.8	18.6	21.8	27.5	26.2
	2026	28.0	25.0	20.5	20.4	23.6	25.6	26.1	26.6	24.9	22.1	18.9	22.2	28.0	26.6
	2027	28.5	25.4	20.9	20.7	24.0	26.0	26.5	27.1	25.3	22.5	19.2	22.5	28.5	27.1
	2028	28.8	25.8	21.1	21.1	24.4	26.5	27.0	27.5	25.7	22.9	19.6	23.0	28.8	27.5
	2029	29.4	26.3	21.6	21.4	24.8	26.9	27.4	28.0	26.2	23.3	19.9	23.3	29.4	28.0
	2030	29.9	26.7	21.9	21.8	25.2	27.3	27.8	28.4	26.6	23.6	20.5	24.1	29.9	28.4
Projected	2031	30.9	27.6	22.6	22.4	26.0	28.1	28.7	29.3	27.4	24.4	20.8	24.4	30.9	29.3
	2032	31.3	27.9	22.9	22.8	26.4	28.6	29.1	29.7	27.8	24.8	21.2	24.9	31.3	29.7
	2033	31.9	28.5	23.4	23.2	26.8	29.0	29.6	30.2	28.3	25.1	21.5	25.3	31.9	30.2
	2034	32.4	29.0	23.8	23.5	27.2	29.5	30.1	30.7	28.7	25.5	21.9	25.7	32.4	30.7
	2035	32.9	29.4	24.1	23.9	27.7	30.0	30.5	31.1	29.1	25.9	22.1	26.0	32.9	31.1
	2036	33.3	29.8	24.4	24.3	28.1	30.4	31.0	31.6	29.6	26.4	22.6	26.5	33.3	31.6
	2037	34.0	30.4	24.9	24.6	28.5	30.9	31.5	32.1	30.0	26.8	22.9	26.9	34.0	32.1
	2038	34.5	30.8	25.3	25.0	29.0	31.3	31.9	32.6	30.5	27.2	23.3	27.3	34.5	32.6
	2039	35.0	31.3	25.7	25.4	29.4	31.8	32.4	33.1	30.9	27.6	23.5	27.6	35.0	33.1
	2040	35.4	31.6	26.0	25.8	29.8	32.3	32.9	33.6	31.4	28.0	24.1	28.3	35.4	33.6

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	47.3%	53.1%	70.4%	59.4%	59.2%	63.7%	65.6%	64.9%	66.2%	63.9%	69.4%	60.2%	44.1%	53.6%
	2012	47.6%	42.8%	67.4%	61.3%	62.2%	62.8%	67.0%	64.5%	65.5%	58.9%	53.8%	55.2%	49.0%	54.4%
	2013	53.0%	45.3%	48.0%	62.8%	61.9%	63.3%	65.0%	64.3%	63.0%	60.9%	61.4%	59.1%	48.7%	52.4%
	2014	52.4%	49.1%	56.9%	56.0%	61.6%	62.3%	63.2%	63.4%	58.4%	59.1%	44.6%	56.2%	47.1%	52.3%
	2015	52.4%	46.2%	71.0%	62.5%	60.1%	59.4%	62.7%	61.4%	60.6%	59.6%	56.2%	71.7%	45.9%	51.7%
	2016	49.5%	48.7%	64.0%	58.4%	57.3%	62.6%	65.2%	63.8%	67.2%	62.4%	63.0%	59.0%	49.7%	51.7%
	2017	47.9%	61.6%	50.3%	56.2%	58.5%	62.0%	63.8%	62.3%	58.4%	61.7%	66.3%	52.4%	53.3%	50.1%
	2018	49.4%	57.6%	58.6%	66.0%	60.3%	62.0%	61.6%	66.3%	66.8%	59.6%	53.6%	47.8%	42.3%	54.9%
	2019	51.7%	56.4%	49.9%	60.8%	59.1%	60.7%	59.7%	62.4%	63.1%	61.9%	57.7%	52.8%	53.3%	51.6%
	2020	48.4%	54.9%	59.1%	56.7%	57.5%	58.8%	66.0%	61.9%	61.0%	59.1%	68.4%	56.8%	53.6%	50.1%
Projected	2021	46.4%	50.0%	61.0%	62.6%	61.5%	61.9%	62.7%	62.2%	64.3%	62.2%	67.9%	56.6%	50.3%	53.0%
	2022	46.5%	50.1%	61.1%	62.4%	61.2%	61.9%	62.7%	62.2%	64.3%	62.3%	67.8%	56.6%	50.6%	52.7%
	2023	46.5%	50.1%	61.1%	62.4%	61.2%	61.9%	62.7%	62.2%	64.3%	62.3%	68.0%	56.8%	50.6%	52.7%
	2024	46.6%	49.7%	61.3%	62.4%	61.3%	61.9%	62.7%	62.1%	64.3%	62.3%	67.7%	56.6%	50.8%	52.8%
	2025	46.4%	50.1%	61.0%	62.5%	61.3%	61.9%	62.7%	62.1%	64.3%	62.3%	67.7%	56.5%	50.5%	52.7%
	2026	46.4%	50.1%	61.0%	62.4%	61.3%	61.9%	62.7%	62.1%	64.3%	62.2%	67.6%	56.5%	50.4%	52.7%
	2027	46.4%	50.0%	60.9%	62.4%	61.2%	61.9%	62.7%	62.1%	64.3%	62.2%	67.8%	56.7%	50.4%	52.8%
	2028	46.6%	49.6%	61.1%	62.4%	61.2%	61.9%	62.7%	62.1%	64.3%	62.2%	67.5%	56.5%	50.6%	52.8%
	2029	46.4%	50.0%	60.8%	62.4%	61.2%	61.9%	62.7%	62.1%	64.3%	62.2%	67.5%	56.4%	50.3%	52.8%
	2030	46.4%	50.0%	60.7%	62.3%	61.2%	61.9%	62.7%	62.1%	64.3%	63.1%	67.4%	56.4%	50.4%	52.8%
Avg.	2011-2020	50.0%	51.6%	59.6%	60.0%	59.8%	61.8%	64.0%	63.5%	63.0%	60.7%	59.5%	57.1%	48.7%	52.3%
	2021-2030	46.5%	50.0%	61.0%	62.4%	61.3%	61.9%	62.7%	62.1%	64.3%	62.3%	67.7%	56.6%	50.5%	52.8%

FMPA 2021 Load Forecast - Mild Weather Case

Green Cove Springs (Full Req'ts)

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	29.0	22.5	14.6	21.6	22.6	25.3	23.6	23.0	21.5	17.6	15.5	13.9	29.6	23.0
	2012	26.6	27.0	15.8	18.3	20.2	22.0	24.0	22.9	22.4	20.1	13.7	21.2	26.6	24.0
	2013	21.5	26.2	24.4	18.1	18.8	22.8	21.3	24.2	23.1	20.2	15.0	13.8	24.4	24.2
	2014	24.2	23.6	14.7	19.6	20.5	21.8	20.6	21.4	22.5	18.9	24.7	20.1	24.2	21.4
	2015	23.7	27.5	15.0	17.1	22.1	23.1	22.7	24.0	21.1	19.2	19.6	14.8	27.5	23.1
	2016	26.1	24.8	16.3	19.1	22.7	24.5	24.4	24.9	21.0	14.4	16.8	14.8	19.6	24.4
	2017	23.7	15.3	16.8	21.0	22.7	22.7	24.0	23.6	20.7	21.1	15.8	22.6	16.8	23.6
	2018	30.6	15.3	15.1	15.6	21.0	23.7	22.5	23.1	23.1	21.9	17.6	24.4	30.6	23.1
	2019	23.2	15.0	15.3	18.6	24.0	25.1	24.8	23.2	24.2	19.2	18.3	12.8	17.6	25.1
	2020	24.4	14.3	19.6	19.6	21.8	25.1	23.5	25.4	24.0	20.4	15.6	17.7	19.6	25.1
Projected	2021	25.1	20.9	16.7	18.2	21.0	23.1	22.8	23.2	22.0	19.3	15.7	17.9	25.1	23.2
	2022	25.3	21.1	16.9	18.5	21.4	23.5	23.2	23.6	22.3	19.6	16.0	18.2	25.3	23.6
	2023	25.8	21.5	17.2	18.9	21.8	23.9	23.6	24.0	22.7	20.0	16.3	18.5	25.8	24.0
	2024	26.2	21.9	17.5	19.2	22.2	24.4	24.1	24.5	23.2	20.3	16.7	19.0	26.2	24.5
	2025	26.8	22.4	17.9	19.6	22.6	24.8	24.5	24.9	23.6	20.7	17.0	19.3	26.8	24.9
	2026	27.3	22.8	18.2	19.9	23.0	25.2	24.9	25.4	24.0	21.1	17.2	19.6	27.3	25.4
	2027	27.8	23.2	18.5	20.2	23.4	25.6	25.3	25.8	24.4	21.4	17.5	19.9	27.8	25.8
	2028	28.2	23.5	18.8	20.6	23.8	26.0	25.7	26.2	24.8	21.8	17.8	20.3	28.2	26.2
	2029	28.7	24.0	19.2	20.9	24.2	26.5	26.1	26.6	25.2	22.1	18.1	20.7	28.7	26.6
	2030	29.2	24.4	19.5	21.3	24.6	26.9	26.5	27.0	25.6	22.5	18.7	21.3	29.2	27.0
Projected	2031	30.1	25.1	20.1	21.9	25.3	27.7	27.3	27.8	26.3	23.2	19.0	21.6	30.1	27.8
	2032	30.5	25.5	20.4	22.3	25.7	28.1	27.8	28.3	26.8	23.5	19.3	22.0	30.5	28.3
	2033	31.1	26.0	20.8	22.6	26.1	28.6	28.2	28.7	27.2	23.9	19.6	22.4	31.1	28.7
	2034	31.6	26.4	21.1	23.0	26.6	29.0	28.7	29.2	27.6	24.3	20.0	22.7	31.6	29.2
	2035	32.1	26.8	21.4	23.3	27.0	29.5	29.1	29.6	28.0	24.7	20.2	23.0	32.1	29.6
	2036	32.5	27.1	21.7	23.7	27.4	29.9	29.6	30.1	28.5	25.1	20.6	23.5	32.5	30.1
	2037	33.2	27.7	22.1	24.1	27.8	30.4	30.0	30.6	28.9	25.4	20.9	23.8	33.2	30.6
	2038	33.7	28.1	22.5	24.4	28.2	30.8	30.4	31.0	29.3	25.8	21.2	24.2	33.7	31.0
	2039	34.2	28.5	22.8	24.8	28.7	31.3	30.9	31.5	29.8	26.2	21.5	24.4	34.2	31.5
	2040	34.6	28.8	23.1	25.1	29.1	31.8	31.3	31.9	30.2	26.6	22.0	25.1	34.6	31.9

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	93.0%	95.0%	89.7%	98.6%	93.9%	100.0%	96.4%	86.4%	94.1%	96.5%	97.7%	73.4%	95.1%	86.4%
	2012	100.0%	100.0%	92.3%	92.3%	91.5%	97.2%	99.9%	95.8%	97.4%	93.6%	63.6%	100.0%	98.2%	99.9%
	2013	100.0%	100.0%	100.0%	100.0%	93.5%	96.2%	92.8%	97.8%	99.7%	100.0%	86.6%	74.5%	92.9%	97.8%
	2014	90.5%	100.0%	78.4%	100.0%	100.0%	98.2%	89.4%	88.8%	96.5%	97.2%	100.0%	98.9%	90.5%	88.8%
	2015	100.0%	100.0%	100.0%	91.9%	100.0%	93.7%	95.6%	100.0%	93.0%	100.0%	99.5%	99.8%	100.0%	93.7%
	2016	100.0%	100.0%	97.5%	100.0%	100.0%	100.0%	97.3%	99.4%	96.7%	78.0%	100.0%	80.0%	75.1%	97.3%
	2017	99.6%	89.4%	77.4%	98.9%	98.6%	100.0%	100.0%	94.4%	89.3%	99.3%	100.0%	100.0%	70.7%	94.4%
	2018	98.2%	80.1%	82.0%	94.7%	99.0%	99.3%	94.1%	97.8%	97.2%	100.0%	84.3%	100.0%	98.2%	96.6%
	2019	95.2%	78.2%	71.7%	99.6%	98.5%	100.0%	97.8%	91.2%	100.0%	89.7%	100.0%	62.4%	72.0%	98.9%
	2020	100.0%	68.6%	98.7%	100.0%	99.8%	100.0%	95.2%	98.2%	98.6%	95.1%	91.2%	88.5%	80.3%	97.0%
Projected	2021	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2022	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2023	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2024	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2025	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2026	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2027	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2028	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2029	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2030	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2011-2020	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.8%	95.0%	96.2%	94.9%	92.3%	87.8%	87.3%	95.1%
	2021-2030	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%

FMPA 2021 Load Forecast - Mild Weather Case - Green Cove Springs

Historical and Projected - Energy Sales by Customer Class
(Fiscal Year 2011-2040)

		Residential						General Service Non-Demand						General Service Demand						Large Service Demand						City		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	46,089		3,101		14,861		11,087		526		21.1		48,101		100		479		8,159		3		2,720		3,312		116,748		7,949	6.4%	124,697	
	2012	41,326	-10.3%	3,097	-0.1%	13,342	-10.2%	10,306	-7.0%	526	-0.1%	19.6	-7.0%	46,582	-3.2%	99	-1.7%	473	-1.4%	6,262	-23.3%	3	0.0%	2,087	-23.3%	3,031	-8.5%	107,507	-7.9%	7,083	6.2%	114,590	-8.1%
	2013	40,364	-2.3%	3,155	1.9%	12,795	-4.1%	12,146	17.9%	535	1.8%	22.7	15.8%	42,018	-9.8%	105	6.6%	400	-15.4%	5,852	-6.5%	3	0.0%	1,951	-6.5%	2,883	-4.9%	103,263	-3.9%	10,055	8.9%	113,318	-1.1%
	2014	40,257	-0.3%	3,158	0.1%	12,748	-0.4%	10,224	-15.8%	525	-1.9%	19.5	-14.2%	41,497	-1.2%	106	1.0%	391	-2.2%	667	-88.6%	1	-66.7%	667	-65.8%	2,990	3.7%	95,635	-7.4%	14,730	13.3%	110,365	-2.6%
	2015	46,784	16.2%	3,186	0.9%	14,685	15.2%	10,696	4.6%	533	1.5%	20.1	3.0%	46,776	12.7%	97	-8.3%	481	23.0%	0	-100.0%	0	-100.0%	0	-100.0%	3,362	12.4%	107,618	12.5%	3,794	3.4%	111,412	0.9%
	2016	49,112	5.0%	3,307	3.8%	14,849	1.1%	11,574	8.2%	556	4.4%	20.8	3.6%	46,737	-0.1%	95	-2.8%	495	2.8%	0	0.0%	0	0.0%	0	0.0%	3,616	7.6%	111,039	3.2%	2,636	2.3%	113,675	2.0%
	2017	45,166	-8.0%	3,374	2.0%	13,386	-9.9%	11,292	-2.4%	570	2.4%	19.8	-4.7%	43,029	-7.9%	95	0.4%	454	-8.3%	0	0.0%	0	0.0%	0	0.0%	3,578	-1.1%	103,065	-7.2%	6,460	5.9%	109,525	-3.7%
	2018	51,251	13.5%	3,437	1.9%	14,911	11.4%	10,430	-7.6%	570	0.1%	18.3	-7.8%	45,692	6.2%	111	17.4%	410	-9.5%	0	0.0%	0	0.0%	0	0.0%	3,615	1.0%	110,988	7.7%	4,007	3.5%	114,995	5.0%
	2019	49,475	-3.5%	3,463	0.8%	14,287	-4.2%	9,629	-7.7%	554	-2.8%	17.4	-5.0%	45,688	0.0%	130	16.8%	351	-14.4%	0	0.0%	0	0.0%	0	0.0%	3,621	0.2%	108,413	-2.3%	6,496	5.7%	114,909	-0.1%
	2020	49,931	0.9%	3,542	2.3%	14,095	-1.3%	9,009	-6.4%	549	-0.9%	16.4	-5.5%	45,020	-1.5%	141	8.7%	319	-9.4%	0	0.0%	0	0.0%	0	0.0%	3,786	4.6%	107,746	-0.6%	5,879	5.2%	113,625	-1.1%
Projected	2021	49,717	-0.4%	3,617	2.1%	13,744	-2.5%	8,773	-2.6%	553	0.7%	15.9	-3.3%	45,873	1.9%	146	3.3%	314	-1.4%	0	0.0%	0	0.0%	0	0.0%	3,704	-2.2%	108,069	0.3%	5,241	4.6%	113,310	-0.3%
	2022	50,483	1.5%	3,683	1.8%	13,705	-0.3%	8,906	1.5%	565	2.1%	15.8	-0.6%	45,856	0.0%	142	-2.5%	322	2.6%	0	0.0%	0	0.0%	0	0.0%	3,772	1.8%	109,016	0.9%	5,541	4.8%	114,557	1.1%
	2023	51,396	1.8%	3,740	1.5%	13,744	0.3%	9,071	1.9%	574	1.7%	15.8	0.2%	46,777	2.0%	141	-1.1%	332	3.2%	0	0.0%	0	0.0%	0	0.0%	3,845	1.9%	111,089	1.9%	5,647	4.8%	116,736	1.9%
	2024	52,186	1.5%	3,791	1.4%	13,764	0.2%	9,264	2.1%	583	1.5%	15.9	0.7%	47,903	2.4%	140	-0.3%	342	2.7%	0	0.0%	0	0.0%	0	0.0%	3,918	1.9%	113,271	2.0%	5,952	5.0%	119,223	2.1%
	2025	53,057	1.7%	3,840	1.3%	13,817	0.4%	9,429	1.8%	591	1.4%	16.0	0.4%	48,944	2.2%	140	0.1%	348	2.0%	0	0.0%	0	0.0%	0	0.0%	3,993	1.9%	115,422	1.9%	5,868	4.8%	121,290	1.7%
	2026	54,023	1.8%	3,886	1.2%	13,903	0.6%	9,556	1.4%	598	1.3%	16.0	0.1%	49,840	1.8%	141	0.4%	353	1.4%	0	0.0%	0	0.0%	0	0.0%	4,066	1.8%	117,486	1.8%	5,972	4.8%	123,458	1.8%
	2027	55,050	1.9%	3,930	1.1%	14,006	0.7%	9,665	1.1%	606	1.2%	16.0	-0.1%	50,658	1.6%	142	0.5%	357	1.1%	0	0.0%	0	0.0%	0	0.0%	4,139	1.8%	119,512	1.7%	6,075	4.8%	125,587	1.7%
	2028	56,104	1.9%	3,973	1.1%	14,121	0.8%	9,769	1.1%	613	1.2%	15.9	-0.1%	51,457	1.6%	143	0.6%	361	0.9%	0	0.0%	0	0.0%	0	0.0%	4,212	1.8%	121,542	1.7%	6,386	5.0%	127,928	1.9%
	2029	57,190	1.9%	4,014	1.0%	14,246	0.9%	9,870	1.0%	620	1.2%	15.9	-0.2%	52,254	1.5%	144	0.7%	364	0.9%	0	0.0%	0	0.0%	0	0.0%	4,286	1.8%	123,600	1.7%	6,282	4.8%	129,882	1.5%
	2030	58,280	1.9%	4,054	1.0%	14,377	0.9%	9,971	1.0%	628	1.2%	15.9	-0.2%	53,055	1.5%	145	0.7%	367	0.8%	0	0.0%	0	0.0%	0	0.0%	4,361	1.8%	125,667	1.7%	6,387	4.8%	132,054	1.7%
	2031	59,379	1.9%	4,092	0.9%	14,511	0.9%	10,069	1.0%	635	1.1%	15.9	-0.2%	53,842	1.5%	146	0.7%	369	0.8%	1,863	0.0%	1	0.0%	1,808	0.0%	4,435	1.7%	129,590	3.1%	6,585	4.8%	136,175	3.1%
	2032	60,465	1.8%	4,127	0.9%	14,651	1.0%	10,164	0.9%	642	1.1%	15.8	-0.1%	54,601	1.4%	147	0.7%	372	0.7%	1,984	6.5%	1	6.5%	1,808	0.0%	4,507	1.6%	131,721	1.6%	6,919	5.0%	138,640	1.8%
	2033	61,552	1.8%	4,160	0.8%	14,796	1.0%	10,258	0.9%	649	1.1%	15.8	-0.1%	55,365	1.4%	148	0.7%	375	0.7%	2,104	6.1%	1	6.1%	1,808	0.0%	4,579	1.6%	133,859	1.6%	6,801	4.8%	140,660	1.5%
	2034	62,652	1.8%	4,192	0.8%	14,945	1.0%	10,353	0.9%	656	1.1%	15.8	-0.1%	56,136	1.4%	149	0.7%	377	0.7%	2,225	5.7%	1	5.7%	1,808	0.0%	4,652	1.6%	136,019	1.6%	6,911	4.8%	142,930	1.6%
	2035	63,762	1.8%	4,223	0.7%	15,099	1.0%	10,449	0.9%	663	1.1%	15.8	-0.1%	56,914	1.4%	150	0.7%	380	0.7%	2,345	5.4%	1	5.4%	1,808	0.0%	4,726	1.6%	138,196	1.6%	7,021	4.8%	145,218	1.6%
	2036	64,902	1.8%	4,255	0.8%	15,254	1.0%	10,543	0.9%	670	1.1%	15.7	-0.1%	57,691	1.4%	151	0.7%	382	0.7%	2,466	5.1%	1	5.1%	1,808	0.0%	4,800	1.6%	140,402	1.6%	7,374	5.0%	147,775	1.8%
	2037	66,016	1.7%	4,284	0.7%	15,411	1.0%	10,636	0.9%	677	1.0%	15.7	-0.1%	58,455	1.3%	152	0.7%	385	0.7%	2,586	4.9%	1	4.9%	1,808	0.0%	4,873	1.5%	142,566	1.5%	7,243	4.8%	149,809	1.4%
	2038	67,130	1.7%	4,311	0.6%	15,571	1.0%	10,729	0.9%	683	1.0%	15.7	-0.1%	59,225	1.3%	153	0.7%	387	0.7%	2,706	4.7%	1	4.7%	1,808	0.0%	4,947	1.5%	144,738	1.5%	7,353	4.8%	152,091	1.5%
	2039	68,270	1.7%	4,340	0.7%	15,731	1.0%	10,823	0.9%	690	1.0%	15.7	-0.1%	60,002	1.3%	154	0.7%	390	0.6%	2,827	4.4%	2	4.5%	1,808	0.0%	5,021	1.5%	146,943	1.5%	7,465	4.8%	154,408	1.5%
	2040	69,396	1.6%	4,367	0.6%	15,893	1.0%	10,917	0.9%	697	1.0%	15.7	-0.1%	60,785	1.3%	155	0.7%	392	0.6%	2,947	4.3%	2	4.3%	1,808	0.0%	5,097	1.5%	149,142	1.5%	7,832	5.0%	156,974	1.7%
CAGR	2011-2020		0.9%		1.5%		-0.6%		-2.3%		0.5%		-2.7%		-0.7%		3.9%		-4.4%		-100.0%		-100.0%		-100.0%		1.5%		-0.9%		6.1%		-1.0%
	2021-2030		1.8%		1.3%		0.5%		1.4%		1.4%		0.0%		1.6%		-0.1%		1.7%		0.0%		0.0%		0.0%		1.8%		1.7%		4.8%		1.7%
	2031-2040		1.7%		0.7%		1.0%		0.9%		1.0%		-0.1%		1.4%		0.7%		0.7%		0.0%		0.0%		0.0%		1.6%		1.6%		4.9%		1.6%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - Severe Weather Case

Green Cove Springs (Full Req'ts)

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	124,697	-	119,994	-	-3.8%	29.6	-	29.8	-	0.4%	23.0	-	22.6		-1.7%
	2012	114,590	-8.1%	116,139	-3.2%	1.4%	26.6	-10.3%	25.2	-15.3%	-5.2%	24.0	4.7%	24.9	10.5%	3.8%
	2013	113,318	-1.1%	114,105	-1.8%	0.7%	24.4	-8.3%	26.8	6.4%	10.0%	24.2	0.5%	24.6	-1.4%	1.8%
	2014	110,365	-2.6%	111,110	-2.6%	0.7%	24.2	-0.6%	26.5	-1.1%	9.4%	21.4	-11.4%	21.6	-12.1%	1.0%
	2015	111,412	0.9%	109,497	-1.5%	-1.7%	27.5	13.7%	26.6	0.2%	-3.5%	23.1	7.7%	25.1	16.1%	8.9%
	2016	113,675	2.0%	111,175	1.5%	-2.2%	19.6	-28.8%	26.3	-0.9%	34.3%	24.4	5.9%	24.4	-2.6%	0.1%
	2017	109,525	-3.7%	111,101	-0.1%	1.4%	16.8	-14.1%	23.7	-10.0%	40.7%	23.6	-3.4%	24.4	-0.1%	3.6%
	2018	114,995	5.0%	111,139	0.0%	-3.4%	30.6	81.5%	29.0	22.4%	-5.1%	23.1	-2.1%	22.4	-8.2%	-2.9%
	2019	114,909	-0.1%	110,994	-0.1%	-3.4%	17.6	-42.6%	31.4	8.1%	78.7%	25.1	8.8%	24.5	9.1%	-2.6%
	2020	113,625	-1.1%	115,619	4.2%	1.8%	19.6	11.4%	28.8	-8.3%	47.1%	25.1	-0.2%	25.3	3.3%	0.8%
Projected	2021	124,014	9.1%	124,014	7.3%		30.4	55.6%	30.4	5.7%		26.0	3.6%	26.0	2.9%	
	2022			125,598	1.3%				30.7	1.1%				26.4	1.7%	
	2023			127,984	1.9%				31.3	1.9%				26.9	1.9%	
	2024			130,692	2.1%				31.8	1.5%				27.5	1.9%	
	2025			132,929	1.7%				32.5	2.3%				28.0	1.8%	
	2026			135,306	1.8%				33.1	1.8%				28.5	1.8%	
	2027			137,650	1.7%				33.7	1.8%				28.9	1.7%	
	2028			140,239	1.9%				34.1	1.3%				29.4	1.7%	
	2029			142,385	1.5%				34.9	2.1%				29.9	1.7%	
	2030			144,781	1.7%				35.5	1.7%				30.5	1.7%	
	2031			149,126	3.0%				36.5	3.0%				31.3	2.9%	
	2032			151,844	1.8%				37.0	1.3%				31.9	1.6%	
	2033			154,053	1.5%				37.7	2.1%				32.4	1.6%	
	2034			156,547	1.6%				38.3	1.6%				32.9	1.6%	
	2035			159,060	1.6%				39.0	1.6%				33.4	1.6%	
	2036			161,884	1.8%				39.4	1.2%				34.0	1.6%	
	2037			164,108	1.4%				40.2	2.0%				34.5	1.5%	
	2038			166,616	1.5%				40.8	1.5%				35.0	1.5%	
	2039			169,165	1.5%				41.5	1.6%				35.5	1.5%	
	2040			171,996	1.7%				41.9	1.1%				36.1	1.5%	
CAGR [3]	2011-2020		-1.0%		-0.4%			-4.5%		-0.4%			1.0%		1.3%	
	2021-2030				1.7%					1.7%					1.8%	
	2031-2040				1.6%					1.5%					1.6%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Green Cove Springs (Full Req'ts)

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	124,697	-	124,697	-	31.1	26.6	31.1	26.6	29.6	23.0	29.6	23.0
	2012	114,590	-8.1%	114,590	-8.1%	27.0	24.1	27.0	24.1	26.6	24.0	26.6	24.0
	2013	113,318	-1.1%	113,318	-1.1%	26.2	24.7	26.2	24.7	24.4	24.2	24.4	24.2
	2014	110,365	-2.6%	110,365	-2.6%	26.8	24.1	26.8	24.1	24.2	21.4	24.2	21.4
	2015	111,412	0.9%	111,412	0.9%	27.5	24.6	27.5	24.6	27.5	23.1	27.5	23.1
	2016	113,675	2.0%	113,675	2.0%	26.1	25.1	26.1	25.1	19.6	24.4	19.6	24.4
	2017	109,525	-3.7%	109,525	-3.7%	23.8	25.0	23.8	25.0	16.8	23.6	16.8	23.6
	2018	114,995	5.0%	114,995	5.0%	31.1	23.9	31.1	23.9	30.6	23.1	30.6	23.1
	2019	114,909	-0.1%	114,909	-0.1%	24.4	25.4	24.4	25.4	17.6	25.1	17.6	25.1
	2020	113,625	-1.1%	119,820	4.3%	24.4	25.9	30.0	26.5	19.6	25.1	29.3	25.3
Projected	2021	124,014	9.1%	121,810	1.7%	31.1	27.3	30.7	27.0	30.4	26.0	29.9	25.7
	2022	125,598	1.3%	123,977	1.8%	31.5	27.8	31.2	27.5	30.7	26.4	30.5	26.2
	2023	127,984	1.9%	126,067	1.7%	32.1	28.3	31.8	27.9	31.3	26.9	31.0	26.6
	2024	130,692	2.1%	128,445	1.9%	32.6	28.8	32.2	28.4	31.8	27.5	31.4	27.1
	2025	132,929	1.7%	130,527	1.6%	33.3	29.4	32.9	28.9	32.5	28.0	32.1	27.6
	2026	135,306	1.8%	132,832	1.8%	33.9	29.9	33.5	29.4	33.1	28.5	32.7	28.0
	2027	137,650	1.7%	135,120	1.7%	34.5	30.4	34.0	29.9	33.7	28.9	33.2	28.5
	2028	140,239	1.9%	137,637	1.9%	35.0	30.9	34.5	30.4	34.1	29.4	33.7	29.0
	2029	142,385	1.5%	139,693	1.5%	35.7	31.4	35.2	30.9	34.9	29.9	34.4	29.5
	2030	144,781	1.7%	144,148	3.2%	36.3	32.0	36.3	31.9	35.5	30.5	35.5	30.4
	2031	149,126	3.0%	146,517	1.6%	37.4	32.9	36.9	32.4	36.5	31.3	36.0	30.9
	2032	151,844	1.8%	149,082	1.8%	37.9	33.5	37.3	32.9	37.0	31.9	36.5	31.4
	2033	154,053	1.5%	151,146	1.4%	38.6	34.0	38.1	33.4	37.7	32.4	37.2	31.9
	2034	156,547	1.6%	153,431	1.5%	39.3	34.5	38.7	33.9	38.3	32.9	37.8	32.4
	2035	159,060	1.6%	155,704	1.5%	39.9	35.1	39.3	34.5	39.0	33.4	38.3	32.8
	2036	161,884	1.8%	158,257	1.6%	40.4	35.7	39.7	35.0	39.4	34.0	38.7	33.3
	2037	164,108	1.4%	160,235	1.3%	41.2	36.2	40.4	35.5	40.2	34.5	39.5	33.8
	2038	166,616	1.5%	162,471	1.4%	41.8	36.8	41.0	35.9	40.8	35.0	40.0	34.3
	2039	169,165	1.5%	164,705	1.4%	42.5	37.3	41.5	36.4	41.5	35.5	40.6	34.7
	2040	171,996	1.7%			42.9	37.9			41.9	36.1		
CAGR[1]	Historical		-1.0%		-1.0%	-2.7%	-0.3%	-3.0%	-0.6%	-3.8%	0.5%	-5.7%	0.6%
	1st 10 Prj Yrs		1.7%		1.7%	1.7%	1.8%	1.8%	1.7%	1.7%	1.8%	1.8%	1.7%
	2nd 10 Prj Yrs		1.6%		1.5%	1.5%	1.6%	1.5%	1.5%	1.5%	1.6%	1.5%	1.5%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Green Cove Springs (Full Req'ts)

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	124,697	-	119,994	-	-3.8%	29.6	-	29.8	-	0.4%	23.0	-	22.6		-1.7%
	2012	114,590	-8.1%	116,139	-3.2%	1.4%	26.6	-10.3%	25.2	-15.3%	-5.2%	24.0	4.7%	24.9	10.5%	3.8%
	2013	113,318	-1.1%	114,105	-1.8%	0.7%	24.4	-8.3%	26.8	6.4%	10.0%	24.2	0.5%	24.6	-1.4%	1.8%
	2014	110,365	-2.6%	111,110	-2.6%	0.7%	24.2	-0.6%	26.5	-1.1%	9.4%	21.4	-11.4%	21.6	-12.1%	1.0%
	2015	111,412	0.9%	109,497	-1.5%	-1.7%	27.5	13.7%	26.6	0.2%	-3.5%	23.1	7.7%	25.1	16.1%	8.9%
	2016	113,675	2.0%	111,175	1.5%	-2.2%	19.6	-28.8%	26.3	-0.9%	34.3%	24.4	5.9%	24.4	-2.6%	0.1%
	2017	109,525	-3.7%	111,101	-0.1%	1.4%	16.8	-14.1%	23.7	-10.0%	40.7%	23.6	-3.4%	24.4	-0.1%	3.6%
	2018	114,995	5.0%	111,139	0.0%	-3.4%	30.6	81.5%	29.0	22.4%	-5.1%	23.1	-2.1%	22.4	-8.2%	-2.9%
	2019	114,909	-0.1%	110,994	-0.1%	-3.4%	17.6	-42.6%	31.4	8.1%	78.7%	25.1	8.8%	24.5	9.1%	-2.6%
	2020	113,625	-1.1%	114,333	3.0%	0.6%	19.6	11.4%	28.8	-8.3%	47.1%	25.1	-0.2%	25.3	3.3%	0.8%
Projected	2021	123,919	9.1%	123,919	8.4%		30.4	55.6%	30.4	5.7%		26.0	3.5%	26.0	2.8%	
	2022			125,457	1.2%				30.7	1.1%				26.4	1.6%	
	2023			127,796	1.9%				31.3	1.9%				26.9	1.9%	
	2024			130,450	2.1%				31.8	1.5%				27.4	1.9%	
	2025			132,628	1.7%				32.5	2.3%				27.9	1.8%	
	2026			134,919	1.7%				33.1	1.8%				28.4	1.7%	
	2027			137,169	1.7%				33.7	1.8%				28.8	1.6%	
	2028			139,657	1.8%				34.1	1.3%				29.3	1.6%	
	2029			141,699	1.5%				34.9	2.1%				29.8	1.6%	
	2030			143,984	1.6%				35.5	1.7%				30.3	1.6%	
	2031			148,258	3.0%				36.5	3.0%				31.1	2.9%	
	2032			150,906	1.8%				37.0	1.3%				31.6	1.6%	
	2033			153,047	1.4%				37.7	2.1%				32.1	1.6%	
	2034			155,464	1.6%				38.3	1.6%				32.6	1.6%	
	2035			157,897	1.6%				39.0	1.6%				33.2	1.6%	
	2036			160,634	1.7%				39.4	1.2%				33.7	1.5%	
	2037			162,826	1.4%				40.2	2.0%				34.2	1.5%	
	2038			165,246	1.5%				40.8	1.5%				34.7	1.5%	
	2039			167,758	1.5%				41.5	1.6%				35.2	1.5%	
	2040			170,495	1.6%				41.9	1.1%				35.7	1.5%	
CAGR [3]	2011-2020		-1.0%		-0.5%			-4.5%		-0.4%			1.0%		1.3%	
	2021-2030				1.7%					1.7%					1.7%	
	2031-2040				1.6%					1.5%					1.5%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Green Cove Springs (Full Req'ts)

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	124,697	-	119,994	-	-3.8%	31.1	-	45.7%	26.6	-	53.6%
	2012	114,590	-8.1%	116,139	-3.2%	1.4%	27.0	-13.2%	48.4%	24.1	-9.4%	54.4%
	2013	113,318	-1.1%	114,105	-1.8%	0.7%	26.2	-3.1%	49.3%	24.7	2.6%	52.4%
	2014	110,365	-2.6%	111,110	-2.6%	0.7%	26.8	2.1%	47.1%	24.1	-2.4%	52.3%
	2015	111,412	0.9%	109,497	-1.5%	-1.7%	27.5	2.8%	46.2%	24.6	2.2%	51.7%
	2016	113,675	2.0%	111,175	1.5%	-2.2%	26.1	-5.1%	49.7%	25.1	2.0%	51.7%
	2017	109,525	-3.7%	111,101	-0.1%	1.4%	23.8	-8.8%	52.5%	25.0	-0.5%	50.1%
	2018	114,995	5.0%	111,139	0.0%	-3.4%	31.1	30.7%	42.2%	23.9	-4.3%	54.9%
	2019	114,909	-0.1%	110,994	-0.1%	-3.4%	24.4	-21.7%	53.8%	25.4	6.3%	51.6%
	2020	113,625	-1.1%	115,619	4.2%	1.8%	24.4	-0.1%	53.2%	25.9	1.8%	50.1%
Projected	2021	123,919	9.1%	123,919	7.2%		31.1	27.9%	45.4%	27.3	5.4%	51.9%
	2022	125,457	1.2%	125,457	1.2%		31.5	1.1%	45.5%	27.7	1.6%	51.7%
	2023	127,796	1.9%	127,796	1.9%		32.1	1.9%	45.5%	28.2	1.9%	51.6%
	2024	130,450	2.1%	130,450	2.1%		32.6	1.5%	45.7%	28.8	1.9%	51.7%
	2025	132,628	1.7%	132,628	1.7%		33.3	2.3%	45.4%	29.3	1.8%	51.7%
	2026	134,919	1.7%	134,919	1.7%		33.9	1.8%	45.4%	29.8	1.7%	51.7%
	2027	137,169	1.7%	137,169	1.7%		34.5	1.8%	45.4%	30.3	1.7%	51.7%
	2028	139,657	1.8%	139,657	1.8%		35.0	1.3%	45.6%	30.8	1.6%	51.8%
	2029	141,699	1.5%	141,699	1.5%		35.7	2.1%	45.3%	31.3	1.6%	51.7%
	2030	143,984	1.6%	143,984	1.6%		36.3	1.7%	45.3%	31.8	1.6%	51.7%
	2031	148,258	3.0%	148,258	3.0%		37.4	3.0%	45.3%	32.7	2.9%	51.7%
	2032	150,906	1.8%	150,906	1.8%		37.9	1.3%	45.5%	33.2	1.6%	51.8%
	2033	153,047	1.4%	153,047	1.4%		38.6	2.1%	45.2%	33.8	1.6%	51.7%
	2034	155,464	1.6%	155,464	1.6%		39.3	1.6%	45.2%	34.3	1.6%	51.8%
	2035	157,897	1.6%	157,897	1.6%		39.9	1.6%	45.2%	34.8	1.6%	51.8%
	2036	160,634	1.7%	160,634	1.7%		40.4	1.2%	45.4%	35.4	1.5%	51.8%
	2037	162,826	1.4%	162,826	1.4%		41.2	2.0%	45.1%	35.9	1.5%	51.8%
	2038	165,246	1.5%	165,246	1.5%		41.8	1.5%	45.1%	36.4	1.5%	51.8%
	2039	167,758	1.5%	167,758	1.5%		42.5	1.6%	45.1%	37.0	1.5%	51.8%
	2040	170,495	1.6%	170,495	1.6%		42.9	1.1%	45.3%	37.5	1.5%	51.9%
CAGR [1]	2011-2020		-1.0%		-0.4%			-2.7%	48.8%		-0.3%	52.3%
	2021-2030		1.7%		1.7%			1.7%	45.5%		1.7%	51.7%
	2031-2040		1.6%		1.6%			1.5%	45.2%		1.5%	51.8%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Green Cove Springs (Full Req'ts)

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	10,950	8,452	8,546	9,385	10,597	11,595	11,932	12,839	10,904	8,644	7,945	8,472	120,260	124,697
	2012	9,414	8,050	8,572	8,749	10,195	10,240	11,988	11,478	10,842	9,436	8,334	8,689	115,988	114,590
	2013	8,465	7,984	8,699	8,172	9,284	10,801	11,102	11,821	10,530	9,152	7,650	8,138	111,799	113,318
	2014	10,437	7,788	7,918	7,898	9,380	9,977	10,835	11,363	9,827	8,551	7,942	8,502	110,419	110,365
	2015	9,237	8,553	7,907	8,377	9,876	10,532	11,085	10,939	9,911	8,499	7,972	7,930	110,818	111,412
	2016	9,610	8,383	7,952	8,039	9,664	11,042	12,184	11,886	10,514	8,582	7,621	8,143	113,620	113,675
	2017	8,490	7,083	8,151	8,569	10,035	10,132	11,416	11,578	9,725	9,744	7,527	8,795	111,246	109,525
	2018	11,446	7,374	8,048	7,821	9,540	10,666	10,938	11,657	11,439	9,725	8,047	8,676	115,376	114,995
	2019	9,353	7,257	7,913	8,193	10,712	10,990	11,279	11,777	10,988	9,849	7,613	8,040	113,964	114,909
	2020	8,765	7,960	8,708	8,020	9,325	10,628	12,131	11,907	10,678	9,444	8,415	9,907	115,887	113,625
Projected	2021	11,255	9,219	8,790	8,417	9,872	11,493	12,603	12,770	11,735	9,520	8,421	9,963	124,058	123,919
	2022	11,397	9,341	8,890	8,527	10,001	11,668	12,812	12,981	11,936	9,688	8,571	10,148	125,960	125,457
	2023	11,612	9,517	9,056	8,686	10,191	11,888	13,052	13,225	12,161	9,872	8,737	10,345	128,343	127,796
	2024	11,830	9,918	9,229	8,857	10,388	12,115	13,299	13,471	12,389	10,060	8,902	10,542	130,999	130,450
	2025	12,050	9,877	9,400	9,021	10,580	12,336	13,539	13,712	12,610	10,237	9,058	10,729	133,148	132,628
	2026	12,264	10,051	9,561	9,175	10,760	12,546	13,769	13,946	12,823	10,409	9,208	10,913	135,424	134,919
	2027	12,476	10,224	9,719	9,325	10,937	12,752	13,997	14,176	13,034	10,578	9,356	11,094	137,667	137,169
	2028	12,687	10,634	9,877	9,474	11,113	12,959	14,227	14,410	13,248	10,750	9,506	11,279	140,165	139,657
	2029	12,904	10,572	10,036	9,626	11,291	13,168	14,459	14,645	13,463	10,922	9,656	11,464	142,206	141,699
	2030	13,120	10,748	10,196	9,777	11,470	13,377	14,692	14,882	13,680	11,256	9,959	11,815	144,972	143,984
Projected	2031	13,488	11,067	10,500	10,078	11,824	13,773	15,114	15,306	14,078	11,440	10,120	12,009	148,795	148,258
	2032	13,712	11,507	10,668	10,238	12,012	13,992	15,356	15,551	14,303	11,621	10,279	12,201	151,440	150,906
	2033	13,934	11,433	10,836	10,398	12,201	14,213	15,600	15,799	14,531	11,805	10,440	12,397	153,588	153,047
	2034	14,161	11,618	11,006	10,560	12,390	14,435	15,845	16,047	14,758	11,989	10,601	12,592	156,003	155,464
	2035	14,387	11,803	11,177	10,722	12,582	14,660	16,094	16,300	14,991	12,177	10,766	12,793	158,451	157,897
	2036	14,619	12,267	11,350	10,886	12,775	14,885	16,343	16,552	15,221	12,366	10,932	12,992	161,188	160,634
	2037	14,849	12,181	11,525	11,052	12,969	15,111	16,593	16,804	15,453	12,549	11,092	13,186	163,362	162,826
	2038	15,074	12,365	11,694	11,213	13,159	15,334	16,840	17,056	15,684	12,741	11,261	13,388	165,809	165,246
	2039	15,309	12,557	11,872	11,381	13,356	15,565	17,095	17,314	15,920	12,926	11,423	13,586	168,304	167,758
	2040	15,538	13,035	12,043	11,545	13,548	15,790	17,343	17,566	16,152	13,113	11,587	13,786	171,046	170,495

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	9.1%	7.0%	7.1%	7.8%	8.8%	9.6%	9.9%	10.7%	9.1%	7.2%	6.6%	7.0%	100.0%
	2012	8.1%	6.9%	7.4%	7.5%	8.8%	8.8%	10.3%	9.9%	9.3%	8.1%	7.2%	7.5%	100.0%
	2013	7.6%	7.1%	7.8%	7.3%	8.3%	9.7%	9.9%	10.6%	9.4%	8.2%	6.8%	7.3%	100.0%
	2014	9.5%	7.1%	7.2%	7.2%	8.5%	9.0%	9.8%	10.3%	8.9%	7.7%	7.2%	7.7%	100.0%
	2015	8.3%	7.7%	7.1%	7.6%	8.9%	9.5%	10.0%	9.9%	8.9%	7.7%	7.2%	7.2%	100.0%
	2016	8.5%	7.4%	7.0%	7.1%	8.5%	9.7%	10.7%	10.5%	9.3%	7.6%	6.7%	7.2%	100.0%
	2017	7.6%	6.4%	7.3%	7.7%	9.0%	9.1%	10.3%	10.4%	8.7%	8.8%	6.8%	7.9%	100.0%
	2018	9.9%	6.4%	7.0%	6.8%	8.3%	9.2%	9.5%	10.1%	9.9%	8.4%	7.0%	7.5%	100.0%
	2019	8.2%	6.4%	6.9%	7.2%	9.4%	9.6%	9.9%	10.3%	9.6%	8.6%	6.7%	7.1%	100.0%
	2020	7.6%	6.9%	7.5%	6.9%	8.0%	9.2%	10.5%	10.3%	9.2%	8.1%	7.3%	8.5%	100.0%
Projected	2021	9.1%	7.4%	7.1%	6.8%	8.0%	9.3%	10.2%	10.3%	9.5%	7.7%	6.8%	8.0%	100.0%
	2022	9.0%	7.4%	7.1%	6.8%	7.9%	9.3%	10.2%	10.3%	9.5%	7.7%	6.8%	8.1%	100.0%
	2023	9.0%	7.4%	7.1%	6.8%	7.9%	9.3%	10.2%	10.3%	9.5%	7.7%	6.8%	8.1%	100.0%
	2024	9.0%	7.6%	7.0%	6.8%	7.9%	9.2%	10.2%	10.3%	9.5%	7.7%	6.8%	8.0%	100.0%
	2025	9.1%	7.4%	7.1%	6.8%	7.9%	9.3%	10.2%	10.3%	9.5%	7.7%	6.8%	8.1%	100.0%
	2026	9.1%	7.4%	7.1%	6.8%	7.9%	9.3%	10.2%	10.3%	9.5%	7.7%	6.8%	8.1%	100.0%
	2027	9.1%	7.4%	7.1%	6.8%	7.9%	9.3%	10.2%	10.3%	9.5%	7.7%	6.8%	8.1%	100.0%
	2028	9.1%	7.6%	7.0%	6.8%	7.9%	9.2%	10.2%	10.3%	9.5%	7.7%	6.8%	8.0%	100.0%
	2029	9.1%	7.4%	7.1%	6.8%	7.9%	9.3%	10.2%	10.3%	9.5%	7.7%	6.8%	8.1%	100.0%
	2030	9.0%	7.4%	7.0%	6.7%	7.9%	9.2%	10.1%	10.3%	9.4%	7.8%	6.9%	8.2%	100.0%
Avg.	2011-2020	8.4%	6.9%	7.2%	7.3%	8.7%	9.4%	10.1%	10.3%	9.2%	8.0%	6.9%	7.5%	100.0%
	2021-2030	9.1%	7.5%	7.1%	6.8%	7.9%	9.3%	10.2%	10.3%	9.5%	7.7%	6.8%	8.1%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Severe Weather Case

Green Cove Springs (Full Req'ts)

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	31.1	23.7	16.3	21.9	24.1	25.3	24.4	26.6	22.9	18.2	15.9	18.9	31.1	26.6
	2012	26.6	27.0	17.1	19.8	22.0	22.6	24.1	23.9	23.0	21.5	21.5	21.2	27.0	24.1
	2013	21.5	26.2	24.4	18.1	20.1	23.7	22.9	24.7	23.2	20.2	17.3	18.5	26.2	24.7
	2014	26.8	23.6	18.7	19.6	20.5	22.2	23.1	24.1	23.4	19.4	24.7	20.3	26.8	24.1
	2015	23.7	27.5	15.0	18.6	22.1	24.6	23.8	24.0	22.7	19.2	19.7	14.9	27.5	24.6
	2016	26.1	24.8	16.7	19.1	22.7	24.5	25.1	25.0	21.7	18.5	16.8	18.6	26.1	25.1
	2017	23.8	17.1	21.8	21.2	23.0	22.7	24.0	25.0	23.1	21.2	15.8	22.6	23.8	25.0
	2018	31.1	19.1	18.5	16.5	21.2	23.9	23.9	23.6	23.8	21.9	20.8	24.4	31.1	23.9
	2019	24.3	19.1	21.3	18.7	24.4	25.1	25.4	25.4	24.2	21.4	18.3	20.5	24.4	25.4
	2020	24.4	20.8	19.8	19.6	21.8	25.1	24.7	25.9	24.3	21.5	20.7	24.3	24.4	25.9
Projected	2021	31.1	27.8	22.8	20.9	24.2	26.2	26.7	27.3	25.5	22.7	20.9	24.6	31.1	27.3
	2022	31.5	28.1	23.1	21.2	24.6	26.7	27.2	27.7	26.0	23.0	21.3	25.0	31.5	27.7
	2023	32.1	28.7	23.5	21.6	25.0	27.2	27.7	28.2	26.4	23.5	21.6	25.4	32.1	28.2
	2024	32.6	29.1	23.9	22.0	25.5	27.7	28.2	28.8	26.9	23.9	22.1	26.0	32.6	28.8
	2025	33.3	29.8	24.4	22.4	26.0	28.2	28.7	29.3	27.4	24.3	22.5	26.4	33.3	29.3
	2026	33.9	30.3	24.9	22.8	26.4	28.7	29.2	29.8	27.9	24.8	22.9	26.9	33.9	29.8
	2027	34.5	30.8	25.3	23.2	26.9	29.1	29.7	30.3	28.3	25.2	23.2	27.3	34.5	30.3
	2028	35.0	31.2	25.6	23.6	27.3	29.6	30.2	30.8	28.8	25.6	23.7	27.8	35.0	30.8
	2029	35.7	31.9	26.2	24.0	27.8	30.1	30.7	31.3	29.3	26.0	24.1	28.3	35.7	31.3
	2030	36.3	32.4	26.6	24.4	28.2	30.6	31.2	31.8	29.7	26.5	24.8	29.2	36.3	31.8
Projected	2031	37.4	33.4	27.4	25.1	29.0	31.5	32.1	32.7	30.6	27.2	25.2	29.5	37.4	32.7
	2032	37.9	33.8	27.8	25.5	29.5	32.0	32.6	33.2	31.1	27.7	25.7	30.1	37.9	33.2
	2033	38.6	34.5	28.3	25.9	30.0	32.5	33.1	33.8	31.6	28.1	26.1	30.6	38.6	33.8
	2034	39.3	35.1	28.8	26.3	30.5	33.0	33.6	34.3	32.1	28.6	26.5	31.1	39.3	34.3
	2035	39.9	35.6	29.3	26.7	30.9	33.5	34.1	34.8	32.6	29.0	26.8	31.5	39.9	34.8
	2036	40.4	36.1	29.6	27.1	31.4	34.0	34.7	35.4	33.1	29.5	27.4	32.1	40.4	35.4
	2037	41.2	36.8	30.2	27.6	31.9	34.5	35.2	35.9	33.6	29.9	27.8	32.6	41.2	35.9
	2038	41.8	37.4	30.7	28.0	32.4	35.0	35.7	36.4	34.1	30.4	28.2	33.1	41.8	36.4
	2039	42.5	37.9	31.1	28.4	32.9	35.6	36.3	37.0	34.6	30.8	28.5	33.5	42.5	37.0
	2040	42.9	38.3	31.5	28.8	33.4	36.1	36.8	37.5	35.1	31.3	29.3	34.4	42.9	37.5

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	47.3%	53.1%	70.4%	59.4%	59.2%	63.7%	65.6%	64.9%	66.2%	63.9%	69.4%	60.2%	44.1%	51.7%
	2012	47.6%	42.8%	67.4%	61.3%	62.2%	62.8%	67.0%	64.5%	65.5%	58.9%	53.8%	55.2%	49.0%	55.0%
	2013	53.0%	45.3%	48.0%	62.8%	61.9%	63.3%	65.0%	64.3%	63.0%	60.9%	61.4%	59.1%	48.7%	51.7%
	2014	52.4%	49.1%	56.9%	56.0%	61.6%	62.3%	63.2%	63.4%	58.4%	59.1%	44.6%	56.2%	47.1%	52.3%
	2015	52.4%	46.2%	71.0%	62.5%	60.1%	59.4%	62.7%	61.4%	60.6%	59.6%	56.2%	71.7%	45.9%	51.4%
	2016	49.5%	48.7%	64.0%	58.4%	57.3%	62.6%	65.2%	63.8%	67.2%	62.4%	63.0%	59.0%	49.7%	51.7%
	2017	47.9%	61.6%	50.3%	56.2%	58.5%	62.0%	63.8%	62.3%	58.4%	61.7%	66.3%	52.4%	53.3%	50.8%
	2018	49.4%	57.6%	58.6%	66.0%	60.3%	62.0%	61.6%	66.3%	66.8%	59.6%	53.6%	47.8%	42.3%	55.1%
	2019	51.7%	56.4%	49.9%	60.8%	59.1%	60.7%	59.7%	62.4%	63.1%	61.9%	57.7%	52.8%	53.3%	51.2%
	2020	48.4%	54.9%	59.1%	56.7%	57.5%	58.8%	66.0%	61.9%	61.0%	59.1%	56.5%	54.8%	54.3%	51.1%
Projected	2021	48.6%	49.3%	51.7%	56.0%	54.9%	60.8%	63.3%	62.9%	63.8%	56.5%	55.9%	54.5%	45.5%	51.9%
	2022	48.7%	49.4%	51.8%	55.8%	54.7%	60.8%	63.4%	62.9%	63.9%	56.5%	55.9%	54.5%	45.7%	51.9%
	2023	48.7%	49.4%	51.7%	55.8%	54.7%	60.8%	63.4%	62.9%	63.9%	56.5%	56.1%	54.8%	45.7%	51.9%
	2024	48.8%	49.0%	51.9%	55.8%	54.8%	60.8%	63.4%	62.9%	63.9%	56.5%	55.9%	54.5%	45.9%	52.0%
	2025	48.6%	49.4%	51.7%	55.8%	54.8%	60.8%	63.4%	62.9%	63.9%	56.5%	55.8%	54.5%	45.6%	51.9%
	2026	48.6%	49.4%	51.7%	55.8%	54.8%	60.8%	63.4%	62.9%	63.9%	56.5%	55.8%	54.5%	45.6%	51.9%
	2027	48.6%	49.4%	51.6%	55.8%	54.7%	60.8%	63.4%	62.9%	63.9%	56.5%	55.9%	54.7%	45.5%	51.9%
	2028	48.8%	48.9%	51.8%	55.8%	54.7%	60.8%	63.4%	62.9%	63.9%	56.4%	55.6%	54.4%	45.8%	52.0%
	2029	48.6%	49.3%	51.5%	55.7%	54.7%	60.8%	63.4%	62.9%	63.9%	56.4%	55.6%	54.4%	45.5%	51.9%
	2030	48.6%	49.3%	51.5%	55.7%	54.6%	60.8%	63.4%	62.9%	63.9%	57.2%	55.7%	54.5%	45.6%	52.1%
Avg.	2011-2020	50.0%	51.6%	59.6%	60.0%	59.8%	61.8%	64.0%	63.5%	63.0%	60.7%	58.3%	56.9%	48.8%	52.2%
	2021-2030	48.6%	49.3%	51.7%	55.8%	54.8%	60.8%	63.4%	62.9%	63.9%	56.6%	55.8%	54.5%	45.6%	51.9%

FMPA 2021 Load Forecast - Severe Weather Case

Green Cove Springs (Full Req'ts)

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	29.0	22.5	14.6	21.6	22.6	25.3	23.6	23.0	21.5	17.6	15.5	13.9	29.6	23.0
	2012	26.6	27.0	15.8	18.3	20.2	22.0	24.0	22.9	22.4	20.1	13.7	21.2	26.6	24.0
	2013	21.5	26.2	24.4	18.1	18.8	22.8	21.3	24.2	23.1	20.2	15.0	13.8	24.4	24.2
	2014	24.2	23.6	14.7	19.6	20.5	21.8	20.6	21.4	22.5	18.9	24.7	20.1	24.2	21.4
	2015	23.7	27.5	15.0	17.1	22.1	23.1	22.7	24.0	21.1	19.2	19.6	14.8	27.5	23.1
	2016	26.1	24.8	16.3	19.1	22.7	24.5	24.4	24.9	21.0	14.4	16.8	14.8	19.6	24.4
	2017	23.7	15.3	16.8	21.0	22.7	22.7	24.0	23.6	20.7	21.1	15.8	22.6	16.8	23.6
	2018	30.6	15.3	15.1	15.6	21.0	23.7	22.5	23.1	23.1	21.9	17.6	24.4	30.6	23.1
	2019	23.2	15.0	15.3	18.6	24.0	25.1	24.8	23.2	24.2	19.2	18.3	12.8	17.6	25.1
	2020	24.4	14.3	19.6	19.6	21.8	25.1	23.5	25.4	24.0	20.4	18.9	21.5	19.6	25.1
Projected	2021	30.4	25.4	20.3	20.4	23.5	25.8	25.5	26.0	24.6	21.6	19.1	21.7	30.4	26.0
	2022	30.7	25.6	20.5	20.7	23.9	26.3	25.9	26.4	25.0	21.9	19.4	22.1	30.7	26.4
	2023	31.3	26.1	20.9	21.1	24.4	26.8	26.4	26.9	25.4	22.3	19.7	22.5	31.3	26.9
	2024	31.8	26.5	21.2	21.5	24.9	27.3	26.9	27.4	25.9	22.7	20.2	23.0	31.8	27.4
	2025	32.5	27.1	21.7	21.9	25.3	27.7	27.4	27.9	26.4	23.2	20.6	23.4	32.5	27.9
	2026	33.1	27.6	22.1	22.3	25.7	28.2	27.9	28.4	26.8	23.6	20.9	23.8	33.1	28.4
	2027	33.7	28.1	22.5	22.6	26.2	28.7	28.3	28.8	27.3	23.9	21.2	24.1	33.7	28.8
	2028	34.1	28.5	22.8	23.0	26.6	29.1	28.8	29.3	27.7	24.3	21.6	24.7	34.1	29.3
	2029	34.9	29.1	23.2	23.4	27.1	29.6	29.2	29.8	28.2	24.8	22.0	25.1	34.9	29.8
	2030	35.5	29.6	23.6	23.8	27.5	30.1	29.7	30.3	28.6	25.2	22.7	25.8	35.5	30.3
Projected	2031	36.5	30.4	24.3	24.5	28.3	31.0	30.6	31.1	29.4	25.9	22.9	26.1	36.5	31.1
	2032	37.0	30.8	24.6	24.9	28.8	31.5	31.1	31.6	29.9	26.3	23.4	26.7	37.0	31.6
	2033	37.7	31.5	25.1	25.3	29.2	32.0	31.6	32.1	30.4	26.7	23.8	27.1	37.7	32.1
	2034	38.3	32.0	25.6	25.7	29.7	32.5	32.0	32.6	30.9	27.2	24.2	27.5	38.3	32.6
	2035	39.0	32.5	26.0	26.1	30.2	33.0	32.6	33.2	31.4	27.6	24.5	27.9	39.0	33.2
	2036	39.4	32.9	26.3	26.5	30.6	33.5	33.1	33.7	31.8	28.0	25.0	28.4	39.4	33.7
	2037	40.2	33.5	26.8	26.9	31.1	34.0	33.6	34.2	32.3	28.4	25.3	28.9	40.2	34.2
	2038	40.8	34.0	27.2	27.3	31.6	34.5	34.1	34.7	32.8	28.9	25.7	29.3	40.8	34.7
	2039	41.5	34.6	27.6	27.7	32.0	35.0	34.6	35.2	33.3	29.3	26.0	29.6	41.5	35.2
	2040	41.9	34.9	27.9	28.1	32.5	35.5	35.1	35.7	33.8	29.7	26.7	30.4	41.9	35.7

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	93.0%	95.0%	89.7%	98.6%	93.9%	100.0%	96.4%	86.4%	94.1%	96.5%	97.7%	73.4%	95.1%	86.4%
	2012	100.0%	100.0%	92.3%	92.3%	91.5%	97.2%	99.9%	95.8%	97.4%	93.6%	63.6%	100.0%	98.2%	99.9%
	2013	100.0%	100.0%	100.0%	100.0%	93.5%	96.2%	92.8%	97.8%	99.7%	100.0%	86.6%	74.5%	92.9%	97.8%
	2014	90.5%	100.0%	78.4%	100.0%	100.0%	98.2%	89.4%	88.8%	96.5%	97.2%	100.0%	98.9%	90.5%	88.8%
	2015	100.0%	100.0%	100.0%	91.9%	100.0%	93.7%	95.6%	100.0%	93.0%	100.0%	99.5%	99.8%	100.0%	93.7%
	2016	100.0%	100.0%	97.5%	100.0%	100.0%	100.0%	97.3%	99.4%	96.7%	78.0%	100.0%	80.0%	75.1%	97.3%
	2017	99.6%	89.4%	77.4%	98.9%	98.6%	100.0%	100.0%	94.4%	89.3%	99.3%	100.0%	100.0%	70.7%	94.4%
	2018	98.2%	80.1%	82.0%	94.7%	99.0%	99.3%	94.1%	97.8%	97.2%	100.0%	84.3%	100.0%	98.2%	96.6%
	2019	95.2%	78.2%	71.7%	99.6%	98.5%	100.0%	97.8%	91.2%	100.0%	89.7%	100.0%	62.4%	72.0%	98.9%
	2020	100.0%	68.6%	98.7%	100.0%	99.8%	100.0%	95.2%	98.2%	98.6%	95.1%	91.2%	88.5%	80.3%	97.0%
Projected	2021	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2022	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2023	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2024	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2025	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2026	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2027	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2028	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2029	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2030	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2011-2020	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.8%	95.0%	96.2%	94.9%	92.3%	87.8%	87.3%	95.1%
	2021-2030	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%

FMPA 2021 Load Forecast - Severe Weather Case - Green Cove Springs

Historical and Projected - Energy Sales by Customer Class
(Fiscal Year 2011-2040)

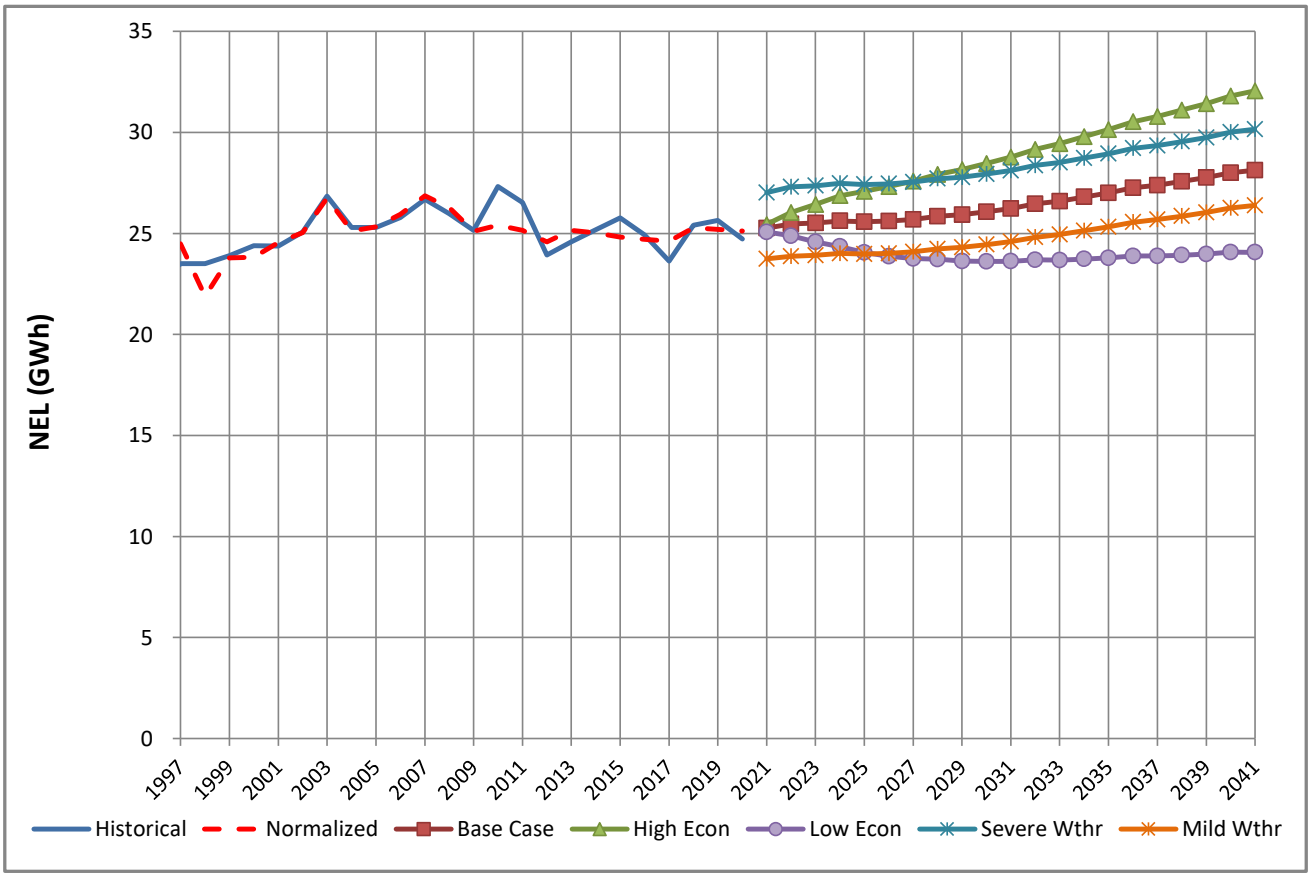
		Residential						General Service Non-Demand						General Service Demand						Large Service Demand						City		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	46,089		3,101		14,861		11,087		526		21.1		48,101		100		479		8,159		3		2,720		3,312		116,748		7,949	6.4%	124,697	
	2012	41,326	-10.3%	3,097	-0.1%	13,342	-10.2%	10,306	-7.0%	526	-0.1%	19.6	-7.0%	46,582	-3.2%	99	-1.7%	473	-1.4%	6,262	-23.3%	3	0.0%	2,087	-23.3%	3,031	-8.5%	107,507	-7.9%	7,083	6.2%	114,590	-8.1%
	2013	40,364	-2.3%	3,155	1.9%	12,795	-4.1%	12,146	17.9%	535	1.8%	22.7	15.8%	42,018	-9.8%	105	6.6%	400	-15.4%	5,852	-6.5%	3	0.0%	1,951	-6.5%	2,883	-4.9%	103,263	-3.9%	10,055	8.9%	113,318	-1.1%
	2014	40,257	-0.3%	3,158	0.1%	12,748	-0.4%	10,224	-15.8%	525	-1.9%	19.5	-14.2%	41,497	-1.2%	106	1.0%	391	-2.2%	667	-88.6%	1	-66.7%	667	-65.8%	2,990	3.7%	95,635	-7.4%	14,730	13.3%	110,365	-2.6%
	2015	46,784	16.2%	3,186	0.9%	14,685	15.2%	10,696	4.6%	533	1.5%	20.1	3.0%	46,776	12.7%	97	-8.3%	481	23.0%	0	-100.0%	0	-100.0%	0	-100.0%	3,362	12.4%	107,618	12.5%	3,794	3.4%	111,412	0.9%
	2016	49,112	5.0%	3,307	3.8%	14,849	1.1%	11,574	8.2%	556	4.4%	20.8	3.6%	46,737	-0.1%	95	-2.8%	495	2.8%	0	0.0%	0	0.0%	0	0.0%	3,616	7.6%	111,039	3.2%	2,636	2.3%	113,675	2.0%
	2017	45,166	-8.0%	3,374	2.0%	13,386	-9.9%	11,292	-2.4%	570	2.4%	19.8	-4.7%	43,029	-7.9%	95	0.4%	454	-8.3%	0	0.0%	0	0.0%	0	0.0%	3,578	-1.1%	103,065	-7.2%	6,460	5.9%	109,525	-3.7%
	2018	51,251	13.5%	3,437	1.9%	14,911	11.4%	10,430	-7.6%	570	0.1%	18.3	-7.8%	45,692	6.2%	111	17.4%	410	-9.5%	0	0.0%	0	0.0%	0	0.0%	3,615	1.0%	110,988	7.7%	4,007	3.5%	114,995	5.0%
	2019	49,475	-3.5%	3,463	0.8%	14,287	-4.2%	9,629	-7.7%	554	-2.8%	17.4	-5.0%	45,688	0.0%	130	16.8%	351	-14.4%	0	0.0%	0	0.0%	0	0.0%	3,621	0.2%	108,413	-2.3%	6,496	5.7%	114,909	-0.1%
	2020	49,931	0.9%	3,542	2.3%	14,095	-1.3%	9,009	-6.4%	549	-0.9%	16.4	-5.5%	45,020	-1.5%	141	8.7%	319	-9.4%	0	0.0%	0	0.0%	0	0.0%	3,786	4.6%	107,746	-0.6%	5,879	5.2%	113,625	-1.1%
Projected	2021	57,390	14.9%	3,617	2.1%	15,865	12.6%	9,370	4.0%	553	0.7%	16.9	3.3%	47,494	5.5%	146	3.3%	325	2.1%	0	0.0%	0	0.0%	0	0.0%	3,735	-1.3%	117,989	9.5%	6,025	4.9%	124,014	9.1%
	2022	58,735	2.3%	3,683	1.8%	15,946	0.5%	9,542	1.8%	565	2.1%	16.9	-0.3%	47,638	0.3%	142	-2.5%	335	2.9%	0	0.0%	0	0.0%	0	0.0%	3,803	1.8%	119,719	1.5%	5,879	4.7%	125,598	1.3%
	2023	59,798	1.8%	3,740	1.5%	15,991	0.3%	9,720	1.9%	574	1.7%	16.9	0.2%	48,597	2.0%	141	-1.1%	345	3.2%	0	0.0%	0	0.0%	0	0.0%	3,877	1.9%	121,992	1.9%	5,992	4.7%	127,984	1.9%
	2024	60,717	1.5%	3,791	1.4%	16,015	0.2%	9,927	2.1%	583	1.5%	17.0	0.6%	49,766	2.4%	140	-0.3%	355	2.7%	0	0.0%	0	0.0%	0	0.0%	3,951	1.9%	124,361	1.9%	6,331	4.8%	130,692	2.1%
	2025	61,730	1.7%	3,840	1.3%	16,076	0.4%	10,102	1.8%	591	1.4%	17.1	0.4%	50,847	2.2%	140	0.1%	362	2.0%	0	0.0%	0	0.0%	0	0.0%	4,026	1.9%	126,705	1.9%	6,224	4.7%	132,929	1.7%
	2026	62,855	1.8%	3,886	1.2%	16,175	0.6%	10,239	1.3%	598	1.3%	17.1	0.1%	51,777	1.8%	141	0.4%	367	1.4%	0	0.0%	0	0.0%	0	0.0%	4,100	1.8%	128,971	1.8%	6,335	4.7%	135,306	1.8%
	2027	64,049	1.9%	3,930	1.1%	16,296	0.7%	10,356	1.1%	606	1.2%	17.1	-0.1%	52,627	1.6%	142	0.5%	371	1.1%	0	0.0%	0	0.0%	0	0.0%	4,173	1.8%	131,205	1.7%	6,444	4.7%	137,650	1.7%
	2028	65,276	1.9%	3,973	1.1%	16,430	0.8%	10,467	1.1%	613	1.2%	17.1	-0.1%	53,457	1.6%	143	0.6%	375	0.9%	0	0.0%	0	0.0%	0	0.0%	4,247	1.8%	133,446	1.7%	6,792	4.8%	140,239	1.9%
	2029	66,539	1.9%	4,014	1.0%	16,575	0.9%	10,575	1.0%	620	1.2%	17.0	-0.2%	54,284	1.5%	144	0.7%	378	0.9%	0	0.0%	0	0.0%	0	0.0%	4,322	1.8%	135,720	1.7%	6,665	4.7%	142,385	1.5%
	2030	67,807	1.9%	4,054	1.0%	16,727	0.9%	10,683	1.0%	628	1.2%	17.0	-0.2%	55,116	1.5%	145	0.7%	381	0.8%	0	0.0%	0	0.0%	0	0.0%	4,398	1.8%	138,004	1.7%	6,777	4.7%	144,781	1.7%
	2031	69,087	1.9%	4,092	0.9%	16,884	0.9%	10,789	1.0%	635	1.1%	17.0	-0.2%	55,934	1.5%	146	0.7%	384	0.8%	1,863	0.0%	1	0.0%	1,808	0.0%	4,472	1.7%	142,145	3.0%	6,981	4.7%	149,126	3.0%
	2032	70,350	1.8%	4,127	0.9%	17,046	1.0%	10,890	0.9%	642	1.1%	17.0	-0.1%	56,722	1.4%	147	0.7%	386	0.7%	1,984	6.5%	1	6.5%	1,808	0.0%	4,545	1.6%	144,491	1.7%	7,354	4.8%	151,844	1.8%
	2033	71,615	1.8%	4,160	0.8%	17,215	1.0%	10,991	0.9%	649	1.1%	16.9	-0.1%	57,515	1.4%	148	0.7%	389	0.7%	2,104	6.1%	1	6.1%	1,808	0.0%	4,617	1.6%	146,843	1.6%	7,210	4.7%	154,053	1.5%
	2034	72,895	1.8%	4,192	0.8%	17,389	1.0%	11,093	0.9%	656	1.1%	16.9	-0.1%	58,317	1.4%	149	0.7%	392	0.7%	2,225	5.7%	1	5.7%	1,808	0.0%	4,691	1.6%	149,220	1.6%	7,327	4.7%	156,547	1.6%
	2035	74,185	1.8%	4,223	0.7%	17,567	1.0%	11,195	0.9%	663	1.1%	16.9	-0.1%	59,125	1.4%	150	0.7%	395	0.7%	2,345	5.4%	1	5.4%	1,808	0.0%	4,766	1.6%	151,616	1.6%	7,444	4.7%	159,060	1.6%
	2036	75,512	1.8%	4,255	0.8%	17,748	1.0%	11,296	0.9%	670	1.1%	16.9	-0.1%	59,932	1.4%	151	0.7%	397	0.7%	2,466	5.1%	1	5.1%	1,808	0.0%	4,840	1.6%	154,046	1.6%	7,838	4.8%	161,884	1.8%
	2037	76,808	1.7%	4,284	0.7%	17,931	1.0%	11,396	0.9%	677	1.0%	16.8	-0.1%	60,726	1.3%	152	0.7%	400	0.7%	2,586	4.9%	1	4.9%	1,808	0.0%	4,914	1.5%	156,429	1.5%	7,679	4.7%	164,108	1.4%
	2038	78,104	1.7%	4,311	0.6%	18,116	1.0%	11,496	0.9%	683	1.0%	16.8	-0.1%	61,526	1.3%	153	0.7%	402	0.7%	2,706	4.7%	1	4.7%	1,808	0.0%	4,988	1.5%	158,820	1.5%	7,796	4.7%	166,616	1.5%
	2039	79,431	1.7%	4,340	0.7%	18,302	1.0%	11,596	0.9%	690	1.0%	16.8	-0.1%	62,333	1.3%	154	0.7%	405	0.6%	2,827	4.4%	2	4.5%	1,808	0.0%	5,063	1.5%	161,250	1.5%	7,915	4.7%	169,165	1.5%
	2040	80,741	1.6%	4,367	0.6%	18,491	1.0%	11,696	0.9%	697	1.0%	16.8	-0.1%	63,147	1.3%	155	0.7%	408	0.6%	2,947	4.3%	2	4.3%	1,808	0.0%	5,139	1.5%	163,670	1.5%	8,326	4.8%	171,996	1.7%
CAGR	2011-2020		0.9%		1.5%		-0.6%		-2.3%		0.5%		-2.7%		-0.7%		3.9%		-4.4%		-100.0%		-100.0%		-100.0%		1.5%		-0.9%		6.1%		-1.0%
	2021-2030		1.9%		1.3%		0.6%		1.5%		1.4%		0.1%		1.7%		-0.1%		1.8%		0.0%		0.0%		0.0%		1.8%		1.8%		4.7%		1.7%
	2031-2040		1.7%		0.7%		1.0%		0.9%		1.0%		-0.1%		1.4%		0.7%		0.7%		0.0%		0.0%		0.0%		1.6%		1.6%		4.7%		1.6%

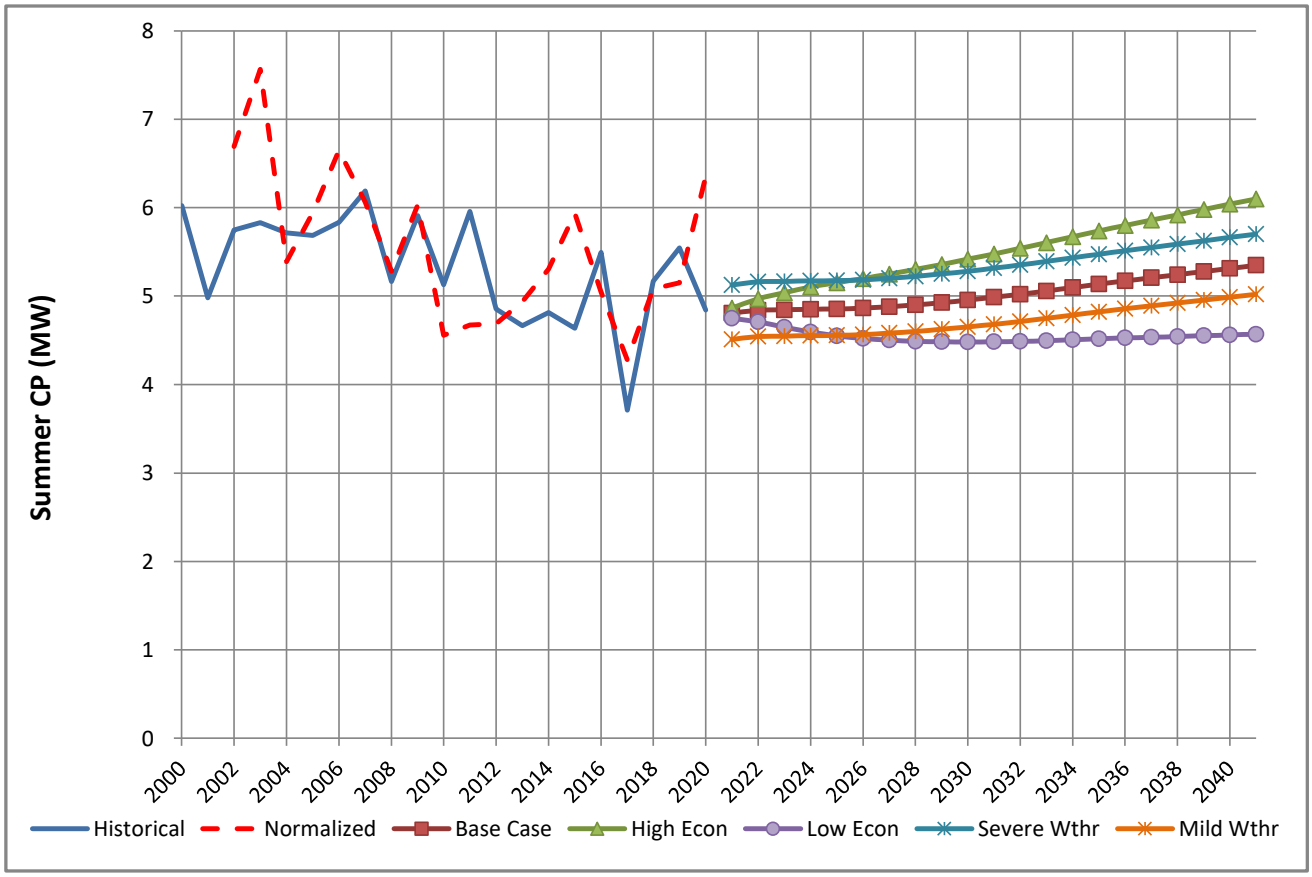
CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast

Havana

Historical and Projected NEL and Annual Coincident Peak Demand





FMPA 2021 Load Forecast - Low Economic Case

Havana

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	26,524	-	25,146	-	-5.2%	6.2	-	6.5	-	4.5%	6.0	-	4.7		-21.4%
	2012	23,930	-9.8%	24,575	-2.3%	2.7%	5.5	-11.1%	5.2	-19.5%	-5.4%	4.9	-18.6%	4.5	-3.0%	-6.4%
	2013	24,585	2.7%	25,155	2.4%	2.3%	5.1	-8.7%	6.0	13.6%	17.7%	4.7	-3.8%	4.8	5.3%	2.5%
	2014	25,176	2.4%	25,021	-0.5%	-0.6%	5.4	6.6%	6.1	2.9%	13.6%	4.8	3.1%	5.1	7.5%	6.8%
	2015	25,771	2.4%	24,822	-0.8%	-3.7%	6.0	11.5%	6.9	12.4%	14.6%	4.6	-3.7%	5.9	15.4%	28.0%
	2016	24,925	-3.3%	24,702	-0.5%	-0.9%	3.1	-47.7%	6.1	-12.0%	92.9%	5.5	18.4%	5.0	-15.0%	-8.2%
	2017	23,634	-5.2%	24,620	-0.3%	4.2%	3.3	5.4%	6.0	-1.6%	80.2%	3.7	-32.4%	4.3	-15.1%	15.3%
	2018	25,402	7.5%	25,274	2.7%	-0.5%	6.9	108.6%	6.4	8.0%	-6.7%	5.2	39.3%	5.1	18.7%	-1.7%
	2019	25,637	0.9%	25,203	-0.3%	-1.7%	2.8	-60.1%	5.6	-13.1%	103.3%	5.5	7.3%	5.1	1.4%	-7.1%
	2020	24,721	-3.6%	25,123	-0.3%	1.6%	3.6	30.9%	7.1	27.0%	97.2%	4.8	-12.7%	6.3	23.3%	31.2%
Projected	2021	25,067	1.4%	25,067	-0.2%		5.9	63.1%	5.9	-17.3%		4.7	-1.9%	4.7	-25.2%	
	2022			24,876	-0.8%				5.8	-0.8%				4.7	-0.8%	
	2023			24,583	-1.2%				5.8	-1.2%				4.6	-1.3%	
	2024			24,350	-1.0%				5.7	-1.5%				4.6	-1.2%	
	2025			24,052	-1.2%				5.6	-0.9%				4.6	-0.9%	
	2026			23,870	-0.8%				5.6	-0.9%				4.5	-0.7%	
	2027			23,757	-0.5%				5.6	-0.5%				4.5	-0.4%	
	2028			23,725	-0.1%				5.5	-0.7%				4.5	-0.3%	
	2029			23,633	-0.4%				5.5	0.1%				4.5	-0.1%	
	2030			23,615	-0.1%				5.5	-0.1%				4.5	0.0%	
	2031			23,621	0.0%				5.5	0.0%				4.5	0.0%	
	2032			23,687	0.3%				5.5	-0.3%				4.5	0.1%	
	2033			23,675	0.0%				5.5	0.4%				4.5	0.2%	
	2034			23,731	0.2%				5.5	0.2%				4.5	0.3%	
	2035			23,786	0.2%				5.5	0.2%				4.5	0.2%	
	2036			23,884	0.4%				5.5	-0.1%				4.5	0.2%	
	2037			23,882	0.0%				5.6	0.5%				4.5	0.2%	
	2038			23,924	0.2%				5.6	0.1%				4.5	0.2%	
	2039			23,972	0.2%				5.6	0.2%				4.6	0.2%	
	2040			24,067	0.4%				5.6	-0.1%				4.6	0.2%	
CAGR [3]	2011-2020		-0.8%		0.0%			-5.9%		1.0%			-2.3%		3.4%	
	2021-2030				-0.7%					-0.7%					-0.6%	
	2031-2040				0.2%					0.1%					0.2%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Havana

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	26,524	-	26,524	-	6.4	6.2	6.4	6.2	6.2	6.0	6.2	6.0
	2012	23,930	-9.8%	23,930	-9.8%	5.8	5.7	5.8	5.7	5.5	4.9	5.5	4.9
	2013	24,585	2.7%	24,585	2.7%	5.3	5.6	5.3	5.6	5.1	4.7	5.1	4.7
	2014	25,176	2.4%	25,176	2.4%	6.4	5.8	6.4	5.8	5.4	4.8	5.4	4.8
	2015	25,771	2.4%	25,771	2.4%	6.2	5.8	6.2	5.8	6.0	4.6	6.0	4.6
	2016	24,925	-3.3%	24,925	-3.3%	6.2	5.7	6.2	5.7	3.1	5.5	3.1	5.5
	2017	23,634	-5.2%	23,634	-5.2%	6.2	5.7	6.2	5.7	3.3	3.7	3.3	3.7
	2018	25,402	7.5%	25,402	7.5%	7.0	5.7	7.0	5.7	6.9	5.2	6.9	5.2
	2019	25,637	0.9%	25,637	0.9%	5.8	5.7	5.8	5.7	2.8	5.5	2.8	5.5
	2020	24,721	-3.6%	25,601	-0.1%	5.7	5.6	6.3	5.8	3.6	4.8	5.9	4.7
Projected	2021	25,067	1.4%	25,043	-2.2%	6.3	5.7	6.3	5.7	5.9	4.7	5.8	4.6
	2022	24,876	-0.8%	24,741	-1.2%	6.3	5.7	6.2	5.6	5.8	4.7	5.7	4.6
	2023	24,583	-1.2%	24,461	-1.1%	6.2	5.6	6.1	5.6	5.8	4.6	5.7	4.5
	2024	24,350	-1.0%	24,289	-0.7%	6.1	5.6	6.0	5.5	5.7	4.6	5.6	4.5
	2025	24,052	-1.2%	24,072	-0.9%	6.1	5.5	6.0	5.5	5.6	4.6	5.6	4.5
	2026	23,870	-0.8%	23,948	-0.5%	6.0	5.5	6.0	5.5	5.6	4.5	5.5	4.4
	2027	23,757	-0.5%	23,850	-0.4%	6.0	5.4	5.9	5.5	5.6	4.5	5.5	4.4
	2028	23,725	-0.1%	23,798	-0.2%	5.9	5.4	5.9	5.4	5.5	4.5	5.5	4.4
	2029	23,633	-0.4%	23,651	-0.6%	5.9	5.4	5.9	5.4	5.5	4.5	5.5	4.4
	2030	23,615	-0.1%	23,562	-0.4%	5.9	5.4	5.9	5.4	5.5	4.5	5.4	4.4
	2031	23,621	0.0%	23,498	-0.3%	5.9	5.4	5.8	5.4	5.5	4.5	5.4	4.4
	2032	23,687	0.3%	23,489	0.0%	5.9	5.4	5.8	5.4	5.5	4.5	5.4	4.3
	2033	23,675	0.0%	23,392	-0.4%	5.9	5.4	5.8	5.4	5.5	4.5	5.4	4.3
	2034	23,731	0.2%	23,346	-0.2%	5.9	5.4	5.8	5.3	5.5	4.5	5.4	4.3
	2035	23,786	0.2%	23,296	-0.2%	6.0	5.5	5.8	5.3	5.5	4.5	5.4	4.3
	2036	23,884	0.4%	23,289	0.0%	6.0	5.5	5.8	5.3	5.5	4.5	5.3	4.3
	2037	23,882	0.0%	23,187	-0.4%	6.0	5.5	5.8	5.3	5.6	4.5	5.3	4.3
	2038	23,924	0.2%	23,123	-0.3%	6.0	5.5	5.7	5.3	5.6	4.5	5.3	4.3
	2039	23,972	0.2%	23,065	-0.3%	6.0	5.5	5.7	5.3	5.6	4.6	5.3	4.3
	2040	24,067	0.4%			6.0	5.5			5.6	4.6		
CAGR[1]	Historical		-0.8%		-0.4%	-1.3%	-1.1%	-1.4%	-0.9%	-5.2%	0.0%	-9.5%	1.9%
	1st 10 Prj Yrs		-0.7%		-0.9%	-0.7%	-0.6%	-0.8%	-0.8%	-0.7%	-0.6%	-0.8%	-0.8%
	2nd 10 Prj Yrs		0.2%		-0.2%	0.1%	0.2%	-0.3%	-0.2%	0.1%	0.2%	-0.3%	-0.2%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Havana

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	26,524	-	25,146	-	-5.2%	6.2	-	6.5	-	4.5%	6.0	-	4.7		-21.4%
	2012	23,930	-9.8%	24,575	-2.3%	2.7%	5.5	-11.1%	5.2	-19.5%	-5.4%	4.9	-18.6%	4.5	-3.0%	-6.4%
	2013	24,585	2.7%	25,155	2.4%	2.3%	5.1	-8.7%	6.0	13.6%	17.7%	4.7	-3.8%	4.8	5.3%	2.5%
	2014	25,176	2.4%	25,021	-0.5%	-0.6%	5.4	6.6%	6.1	2.9%	13.6%	4.8	3.1%	5.1	7.5%	6.8%
	2015	25,771	2.4%	24,822	-0.8%	-3.7%	6.0	11.5%	6.9	12.4%	14.6%	4.6	-3.7%	5.9	15.4%	28.0%
	2016	24,925	-3.3%	24,702	-0.5%	-0.9%	3.1	-47.7%	6.1	-12.0%	92.9%	5.5	18.4%	5.0	-15.0%	-8.2%
	2017	23,634	-5.2%	24,620	-0.3%	4.2%	3.3	5.4%	6.0	-1.6%	80.2%	3.7	-32.4%	4.3	-15.1%	15.3%
	2018	25,402	7.5%	25,274	2.7%	-0.5%	6.9	108.6%	6.4	8.0%	-6.7%	5.2	39.3%	5.1	18.7%	-1.7%
	2019	25,637	0.9%	25,203	-0.3%	-1.7%	2.8	-60.1%	5.6	-13.1%	103.3%	5.5	7.3%	5.1	1.4%	-7.1%
	2020	24,721	-3.6%	24,800	-1.6%	0.3%	3.6	30.9%	7.1	27.0%	97.2%	4.8	-12.7%	6.3	23.3%	31.2%
Projected	2021	25,054	1.3%	25,054	1.0%		5.9	63.1%	5.9	-17.3%		4.7	-2.0%	4.7	-25.3%	
	2022			24,852	-0.8%				5.8	-0.8%				4.7	-0.9%	
	2023			24,546	-1.2%				5.8	-1.2%				4.6	-1.3%	
	2024			24,300	-1.0%				5.7	-1.5%				4.6	-1.2%	
	2025			23,990	-1.3%				5.6	-0.9%				4.5	-1.0%	
	2026			23,796	-0.8%				5.6	-0.9%				4.5	-0.7%	
	2027			23,672	-0.5%				5.6	-0.5%				4.5	-0.5%	
	2028			23,627	-0.2%				5.5	-0.7%				4.5	-0.3%	
	2029			23,524	-0.4%				5.5	0.1%				4.5	-0.2%	
	2030			23,494	-0.1%				5.5	-0.1%				4.5	-0.1%	
	2031			23,488	0.0%				5.5	0.0%				4.5	0.0%	
	2032			23,542	0.2%				5.5	-0.3%				4.5	0.0%	
	2033			23,520	-0.1%				5.5	0.4%				4.5	0.1%	
	2034			23,613	0.4%				5.5	0.2%				4.5	0.5%	
	2035			23,656	0.2%				5.5	0.2%				4.5	0.2%	
	2036			23,742	0.4%				5.5	-0.1%				4.5	0.2%	
	2037			23,729	-0.1%				5.6	0.5%				4.5	0.1%	
	2038			23,759	0.1%				5.6	0.1%				4.5	0.1%	
	2039			23,796	0.2%				5.6	0.2%				4.5	0.1%	
	2040			23,879	0.3%				5.6	-0.1%				4.5	0.1%	
CAGR [3]	2011-2020		-0.8%		-0.2%			-5.9%		1.0%			-2.3%		3.4%	
	2021-2030				-0.7%					-0.7%					-0.7%	
	2031-2040				0.2%					0.1%					0.2%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Havana

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	26,524	-	25,146	-	-5.2%	6.4	-	47.0%	6.2	-	49.2%
	2012	23,930	-9.8%	24,575	-2.3%	2.7%	5.8	-10.5%	47.4%	5.7	-7.6%	48.0%
	2013	24,585	2.7%	25,155	2.4%	2.3%	5.3	-8.9%	53.5%	5.6	-1.6%	50.1%
	2014	25,176	2.4%	25,021	-0.5%	-0.6%	6.4	22.1%	44.8%	5.8	4.1%	49.3%
	2015	25,771	2.4%	24,822	-0.8%	-3.7%	6.2	-2.9%	47.2%	5.8	-0.5%	50.7%
	2016	24,925	-3.3%	24,702	-0.5%	-0.9%	6.2	-0.2%	45.8%	5.7	-2.5%	50.3%
	2017	23,634	-5.2%	24,620	-0.3%	4.2%	6.2	-0.9%	43.8%	5.7	0.8%	47.3%
	2018	25,402	7.5%	25,274	2.7%	-0.5%	7.0	13.2%	41.6%	5.7	0.1%	50.8%
	2019	25,637	0.9%	25,203	-0.3%	-1.7%	5.8	-17.2%	50.7%	5.7	0.0%	51.2%
	2020	24,721	-3.6%	25,123	-0.3%	1.6%	5.7	-0.6%	49.2%	5.6	-2.7%	50.7%
Projected	2021	25,054	1.3%	25,054	-0.3%		6.3	10.3%	45.2%	5.7	3.1%	49.9%
	2022	24,852	-0.8%	24,852	-0.8%		6.3	-0.8%	45.2%	5.7	-0.9%	49.9%
	2023	24,546	-1.2%	24,546	-1.2%		6.2	-1.2%	45.1%	5.6	-1.3%	50.0%
	2024	24,300	-1.0%	24,300	-1.0%		6.1	-1.5%	45.4%	5.5	-1.2%	50.1%
	2025	23,990	-1.3%	23,990	-1.3%		6.1	-0.9%	45.2%	5.5	-1.0%	49.9%
	2026	23,796	-0.8%	23,796	-0.8%		6.0	-0.9%	45.2%	5.4	-0.7%	49.9%
	2027	23,672	-0.5%	23,672	-0.5%		6.0	-0.5%	45.2%	5.4	-0.5%	49.8%
	2028	23,627	-0.2%	23,627	-0.2%		5.9	-0.7%	45.5%	5.4	-0.3%	49.9%
	2029	23,524	-0.4%	23,524	-0.4%		5.9	0.1%	45.2%	5.4	-0.2%	49.8%
	2030	23,494	-0.1%	23,494	-0.1%		5.9	-0.1%	45.3%	5.4	-0.1%	49.8%
	2031	23,488	0.0%	23,488	0.0%		5.9	0.0%	45.2%	5.4	0.0%	49.8%
	2032	23,542	0.2%	23,542	0.2%		5.9	-0.3%	45.5%	5.4	0.1%	49.9%
	2033	23,520	-0.1%	23,520	-0.1%		5.9	0.4%	45.2%	5.4	0.1%	49.8%
	2034	23,613	0.4%	23,613	0.4%		5.9	0.2%	45.3%	5.4	0.4%	49.7%
	2035	23,656	0.2%	23,656	0.2%		6.0	0.2%	45.3%	5.4	0.2%	49.8%
	2036	23,742	0.4%	23,742	0.4%		6.0	-0.1%	45.5%	5.4	0.2%	49.9%
	2037	23,729	-0.1%	23,729	-0.1%		6.0	0.5%	45.2%	5.4	0.1%	49.8%
	2038	23,759	0.1%	23,759	0.1%		6.0	0.1%	45.2%	5.5	0.2%	49.8%
	2039	23,796	0.2%	23,796	0.2%		6.0	0.2%	45.2%	5.5	0.1%	49.8%
	2040	23,879	0.3%	23,879	0.3%		6.0	-0.1%	45.4%	5.5	0.2%	49.9%
CAGR [1]	2011-2020		-0.8%		0.0%			-1.3%	47.1%		-1.1%	49.8%
	2021-2030		-0.7%		-0.7%			-0.7%	45.2%		-0.7%	49.9%
	2031-2040		0.2%		0.2%			0.1%	45.3%		0.2%	49.8%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Havana

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	2,626	1,850	1,661	1,724	2,125	2,655	2,591	2,834	2,145	1,679	1,698	1,958	25,549	26,524
	2012	2,027	1,761	1,690	1,671	2,128	2,207	2,563	2,399	2,150	1,795	1,808	2,055	24,252	23,930
	2013	1,931	1,843	2,040	1,652	1,968	2,452	2,302	2,498	2,243	1,813	1,782	2,016	24,538	24,585
	2014	2,663	1,797	1,788	1,598	1,973	2,377	2,503	2,670	2,196	1,766	2,002	2,056	25,388	25,176
	2015	2,306	2,194	1,728	1,693	2,145	2,419	2,752	2,612	2,102	1,753	1,740	1,832	25,274	25,771
	2016	2,385	1,968	1,658	1,604	2,018	2,443	2,668	2,598	2,259	1,813	1,651	1,905	24,968	24,925
	2017	1,965	1,518	1,731	1,710	2,019	2,132	2,534	2,545	2,111	1,948	1,692	2,219	24,125	23,634
	2018	2,765	1,550	1,768	1,563	2,064	2,467	2,514	2,428	2,425	1,785	1,872	2,183	25,382	25,402
	2019	2,320	1,572	1,758	1,644	2,283	2,469	2,592	2,642	2,518	2,002	1,809	2,008	25,617	25,637
	2020	2,041	1,848	1,785	1,643	1,987	2,334	2,622	2,558	2,082	1,740	1,669	2,215	24,526	24,721
Projected	2021	2,405	1,726	2,023	1,493	2,036	2,387	2,601	2,492	2,266	1,721	1,658	2,169	24,979	25,054
	2022	2,421	1,706	2,031	1,464	2,021	2,372	2,574	2,451	2,263	1,697	1,645	2,139	24,784	24,852
	2023	2,398	1,683	2,013	1,441	1,998	2,342	2,538	2,414	2,239	1,674	1,627	2,113	24,479	24,546
	2024	2,371	1,710	1,989	1,425	1,977	2,314	2,507	2,383	2,211	1,653	1,608	2,087	24,236	24,300
	2025	2,342	1,641	1,967	1,410	1,958	2,291	2,482	2,360	2,190	1,638	1,595	2,068	23,942	23,990
	2026	2,320	1,626	1,950	1,398	1,944	2,274	2,464	2,343	2,175	1,628	1,586	2,057	23,765	23,796
	2027	2,306	1,617	1,940	1,391	1,935	2,263	2,452	2,332	2,165	1,621	1,579	2,048	23,649	23,672
	2028	2,295	1,658	1,932	1,386	1,929	2,254	2,443	2,324	2,158	1,616	1,575	2,042	23,613	23,627
	2029	2,289	1,606	1,927	1,383	1,925	2,250	2,438	2,319	2,154	1,613	1,573	2,039	23,515	23,524
	2030	2,285	1,604	1,924	1,381	1,924	2,247	2,436	2,317	2,153	1,612	1,572	2,039	23,493	23,494
Projected	2031	2,284	1,603	1,924	1,380	1,923	2,247	2,435	2,316	2,152	1,612	1,572	2,039	23,488	23,488
	2032	2,284	1,651	1,924	1,381	1,924	2,248	2,436	2,318	2,153	1,613	1,573	2,041	23,547	23,542
	2033	2,286	1,605	1,926	1,382	1,927	2,251	2,439	2,321	2,156	1,620	1,580	2,047	23,539	23,520
	2034	2,292	1,610	1,933	1,389	1,935	2,260	2,450	2,331	2,166	1,623	1,583	2,052	23,624	23,613
	2035	2,297	1,614	1,937	1,391	1,939	2,264	2,454	2,334	2,169	1,625	1,586	2,055	23,664	23,656
	2036	2,301	1,664	1,940	1,393	1,942	2,268	2,458	2,338	2,173	1,628	1,588	2,059	23,751	23,742
	2037	2,305	1,619	1,943	1,395	1,945	2,271	2,461	2,341	2,175	1,629	1,590	2,062	23,734	23,729
	2038	2,308	1,621	1,945	1,396	1,948	2,274	2,464	2,344	2,178	1,632	1,593	2,066	23,768	23,759
	2039	2,312	1,624	1,948	1,398	1,951	2,277	2,468	2,347	2,181	1,634	1,595	2,069	23,804	23,796
	2040	2,315	1,674	1,951	1,400	1,954	2,281	2,472	2,351	2,185	1,637	1,597	2,073	23,888	23,879

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	10.3%	7.2%	6.5%	6.7%	8.3%	10.4%	10.1%	11.1%	8.4%	6.6%	6.6%	7.7%	100.0%
	2012	8.4%	7.3%	7.0%	6.9%	8.8%	9.1%	10.6%	9.9%	8.9%	7.4%	7.5%	8.5%	100.0%
	2013	7.9%	7.5%	8.3%	6.7%	8.0%	10.0%	9.4%	10.2%	9.1%	7.4%	7.3%	8.2%	100.0%
	2014	10.5%	7.1%	7.0%	6.3%	7.8%	9.4%	9.9%	10.5%	8.7%	7.0%	7.9%	8.1%	100.0%
	2015	9.1%	8.7%	6.8%	6.7%	8.5%	9.6%	10.9%	10.3%	8.3%	6.9%	6.9%	7.2%	100.0%
	2016	9.6%	7.9%	6.6%	6.4%	8.1%	9.8%	10.7%	10.4%	9.0%	7.3%	6.6%	7.6%	100.0%
	2017	8.1%	6.3%	7.2%	7.1%	8.4%	8.8%	10.5%	10.5%	8.8%	8.1%	7.0%	9.2%	100.0%
	2018	10.9%	6.1%	7.0%	6.2%	8.1%	9.7%	9.9%	9.6%	9.6%	7.0%	7.4%	8.6%	100.0%
	2019	9.1%	6.1%	6.9%	6.4%	8.9%	9.6%	10.1%	10.3%	9.8%	7.8%	7.1%	7.8%	100.0%
	2020	8.3%	7.5%	7.3%	6.7%	8.1%	9.5%	10.7%	10.4%	8.5%	7.1%	6.8%	9.0%	100.0%
Projected	2021	9.6%	6.9%	8.1%	6.0%	8.2%	9.6%	10.4%	10.0%	9.1%	6.9%	6.6%	8.7%	100.0%
	2022	9.8%	6.9%	8.2%	5.9%	8.2%	9.6%	10.4%	9.9%	9.1%	6.8%	6.6%	8.6%	100.0%
	2023	9.8%	6.9%	8.2%	5.9%	8.2%	9.6%	10.4%	9.9%	9.1%	6.8%	6.6%	8.6%	100.0%
	2024	9.8%	7.1%	8.2%	5.9%	8.2%	9.5%	10.3%	9.8%	9.1%	6.8%	6.6%	8.6%	100.0%
	2025	9.8%	6.9%	8.2%	5.9%	8.2%	9.6%	10.4%	9.9%	9.1%	6.8%	6.7%	8.6%	100.0%
	2026	9.8%	6.8%	8.2%	5.9%	8.2%	9.6%	10.4%	9.9%	9.2%	6.8%	6.7%	8.7%	100.0%
	2027	9.8%	6.8%	8.2%	5.9%	8.2%	9.6%	10.4%	9.9%	9.2%	6.9%	6.7%	8.7%	100.0%
	2028	9.7%	7.0%	8.2%	5.9%	8.2%	9.5%	10.3%	9.8%	9.1%	6.8%	6.7%	8.6%	100.0%
	2029	9.7%	6.8%	8.2%	5.9%	8.2%	9.6%	10.4%	9.9%	9.2%	6.9%	6.7%	8.7%	100.0%
	2030	9.7%	6.8%	8.2%	5.9%	8.2%	9.6%	10.4%	9.9%	9.2%	6.9%	6.7%	8.7%	100.0%
Avg.	2011-2020	9.2%	7.2%	7.1%	6.6%	8.3%	9.6%	10.3%	10.3%	8.9%	7.3%	7.1%	8.2%	100.0%
	2021-2030	9.7%	6.9%	8.2%	5.9%	8.2%	9.6%	10.4%	9.9%	9.1%	6.9%	6.7%	8.7%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Low Economic Case

Havana

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	6.4	5.3	3.9	4.2	5.2	6.2	5.7	6.0	5.2	3.5	4.2	4.7	6.4	6.2
	2012	5.6	5.8	3.6	4.5	5.1	5.6	5.7	5.4	5.1	4.2	4.3	5.1	5.8	5.7
	2013	4.8	5.3	5.1	3.5	4.7	5.6	5.2	5.3	5.3	4.4	5.0	4.8	5.3	5.6
	2014	6.4	5.0	4.3	3.6	4.7	5.5	5.6	5.8	5.4	4.4	5.8	5.1	6.4	5.8
	2015	6.2	6.0	4.2	3.8	5.0	5.8	5.7	5.6	5.0	4.2	4.1	5.0	6.2	5.8
	2016	6.2	5.6	3.6	4.2	4.9	5.6	5.7	5.4	5.0	4.6	3.8	4.9	6.2	5.7
	2017	6.2	4.0	4.8	4.0	4.9	5.1	5.5	5.7	4.8	4.5	3.9	5.9	6.2	5.7
	2018	7.0	4.8	4.7	3.2	4.8	5.7	5.5	5.2	5.3	5.0	5.2	5.8	7.0	5.7
	2019	5.7	4.3	4.9	3.8	5.5	5.7	5.7	5.6	5.7	5.4	4.8	5.3	5.8	5.7
	2020	5.7	5.5	4.3	4.3	4.7	5.5	5.6	5.6	5.4	4.5	4.9	5.4	5.7	5.6
Projected	2021	6.3	5.7	4.3	3.9	5.0	5.6	5.7	5.5	5.2	4.6	4.8	5.3	6.3	5.7
	2022	6.3	5.6	4.3	3.8	4.9	5.5	5.7	5.4	5.2	4.6	4.8	5.2	6.3	5.7
	2023	6.2	5.6	4.2	3.8	4.9	5.5	5.6	5.3	5.1	4.5	4.7	5.2	6.2	5.6
	2024	6.1	5.5	4.1	3.7	4.8	5.4	5.5	5.3	5.1	4.5	4.7	5.1	6.1	5.5
	2025	6.1	5.4	4.1	3.7	4.8	5.4	5.5	5.2	5.0	4.4	4.6	5.1	6.1	5.5
	2026	6.0	5.4	4.1	3.7	4.7	5.3	5.4	5.2	5.0	4.4	4.6	5.1	6.0	5.4
	2027	6.0	5.4	4.0	3.7	4.7	5.3	5.4	5.2	4.9	4.4	4.6	5.0	6.0	5.4
	2028	5.9	5.3	4.0	3.7	4.7	5.3	5.4	5.1	4.9	4.3	4.6	5.0	5.9	5.4
	2029	5.9	5.3	4.0	3.6	4.7	5.3	5.4	5.1	4.9	4.3	4.6	5.0	5.9	5.4
	2030	5.9	5.3	4.0	3.6	4.7	5.3	5.4	5.1	4.9	4.3	4.6	5.0	5.9	5.4
Projected	2031	5.9	5.3	4.0	3.6	4.7	5.3	5.4	5.1	4.9	4.3	4.5	5.0	5.9	5.4
	2032	5.9	5.3	4.0	3.6	4.7	5.3	5.4	5.1	4.9	4.3	4.6	5.0	5.9	5.4
	2033	5.9	5.3	4.0	3.6	4.7	5.3	5.4	5.1	4.9	4.4	4.6	5.0	5.9	5.4
	2034	5.9	5.3	4.0	3.7	4.7	5.3	5.4	5.1	4.9	4.4	4.6	5.0	5.9	5.4
	2035	6.0	5.4	4.0	3.7	4.7	5.3	5.4	5.2	5.0	4.4	4.6	5.0	6.0	5.4
	2036	6.0	5.4	4.0	3.7	4.7	5.3	5.4	5.2	5.0	4.4	4.6	5.1	6.0	5.4
	2037	6.0	5.4	4.1	3.7	4.7	5.3	5.4	5.2	5.0	4.4	4.6	5.1	6.0	5.4
	2038	6.0	5.4	4.1	3.7	4.7	5.3	5.5	5.2	5.0	4.4	4.6	5.1	6.0	5.5
	2039	6.0	5.4	4.1	3.7	4.7	5.3	5.5	5.2	5.0	4.4	4.6	5.1	6.0	5.5
	2040	6.0	5.4	4.1	3.7	4.8	5.3	5.5	5.2	5.0	4.4	4.6	5.1	6.0	5.5

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	54.8%	52.0%	56.9%	57.2%	55.1%	59.9%	60.7%	63.9%	56.8%	65.0%	55.5%	55.6%	45.3%	47.4%
	2012	48.6%	43.9%	63.0%	51.9%	56.0%	54.9%	60.5%	59.4%	58.3%	57.4%	58.2%	54.6%	48.0%	48.6%
	2013	54.0%	52.2%	54.2%	65.5%	56.7%	60.8%	60.0%	63.2%	59.0%	56.0%	49.6%	55.9%	53.4%	50.0%
	2014	55.8%	53.3%	55.8%	62.4%	56.3%	60.2%	59.9%	61.5%	56.5%	54.3%	48.2%	54.2%	45.2%	49.7%
	2015	49.8%	54.3%	54.7%	62.2%	58.1%	57.9%	64.9%	63.2%	58.1%	55.7%	59.3%	49.2%	46.3%	49.7%
	2016	51.6%	50.9%	61.2%	53.3%	55.3%	61.0%	63.4%	65.0%	63.0%	52.8%	61.0%	52.4%	45.9%	50.4%
	2017	42.9%	56.3%	48.7%	58.7%	55.7%	57.5%	61.4%	60.0%	61.0%	58.0%	60.8%	50.7%	44.7%	48.3%
	2018	53.3%	47.8%	50.6%	68.5%	57.9%	60.0%	61.8%	62.5%	63.1%	47.9%	49.6%	50.9%	41.5%	50.7%
	2019	54.7%	54.9%	47.8%	59.5%	55.6%	60.6%	61.0%	62.9%	61.4%	50.0%	52.8%	51.3%	50.7%	51.2%
	2020	47.8%	48.4%	55.6%	52.8%	56.5%	59.2%	63.4%	61.8%	53.7%	52.3%	47.6%	55.6%	48.8%	50.3%
Projected	2021	51.1%	45.2%	63.4%	53.6%	55.1%	59.3%	61.0%	61.5%	60.1%	50.2%	47.6%	54.9%	45.0%	49.7%
	2022	51.8%	45.0%	64.2%	53.0%	55.2%	59.4%	60.9%	61.0%	60.6%	49.9%	47.8%	54.8%	45.0%	49.8%
	2023	51.9%	44.9%	64.4%	52.8%	55.2%	59.4%	60.8%	60.9%	60.7%	49.9%	48.0%	54.9%	45.0%	49.8%
	2024	52.1%	44.7%	64.6%	52.9%	55.3%	59.5%	60.8%	60.8%	60.7%	49.9%	47.9%	54.7%	45.2%	49.9%
	2025	51.9%	44.8%	64.4%	52.8%	55.3%	59.5%	60.8%	60.8%	60.8%	49.9%	47.9%	54.7%	45.1%	49.8%
	2026	51.9%	44.8%	64.5%	52.8%	55.3%	59.4%	60.8%	60.8%	60.8%	49.9%	47.9%	54.7%	45.2%	49.8%
	2027	51.9%	44.8%	64.5%	52.7%	55.3%	59.4%	60.8%	60.8%	60.8%	49.9%	48.1%	54.9%	45.2%	49.8%
	2028	52.0%	44.7%	64.7%	52.7%	55.3%	59.4%	60.8%	60.8%	60.8%	50.0%	47.9%	54.7%	45.4%	49.9%
	2029	51.8%	44.8%	64.5%	52.7%	55.3%	59.4%	60.8%	60.8%	60.8%	50.0%	47.9%	54.7%	45.2%	49.8%
	2030	51.8%	44.8%	64.5%	52.7%	55.3%	59.4%	60.8%	60.8%	60.8%	50.0%	47.9%	54.7%	45.2%	49.8%
Avg.	2011-2020	51.3%	51.4%	54.9%	59.2%	56.3%	59.2%	61.7%	62.3%	59.1%	54.9%	54.3%	53.1%	47.0%	49.6%
	2021-2030	51.8%	44.9%	64.3%	52.9%	55.3%	59.4%	60.8%	60.9%	60.7%	50.0%	47.9%	54.8%	45.2%	49.8%

FMPA 2021 Load Forecast - Low Economic Case

Havana

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	6.4	4.6	2.7	4.2	5.1	5.9	5.2	6.0	4.0	2.9	2.8	2.8	6.2	6.0
	2012	5.5	5.4	3.0	3.3	4.9	5.3	4.9	3.8	3.3	3.1	2.8	5.1	5.5	4.9
	2013	4.8	5.0	5.1	2.8	4.3	5.3	5.0	4.7	5.2	4.2	2.6	2.9	5.1	4.7
	2014	5.4	5.0	4.0	3.6	4.6	4.8	5.5	4.8	4.8	3.1	5.5	4.7	5.4	4.8
	2015	6.1	6.0	2.8	3.5	4.9	4.6	5.2	5.3	4.1	3.9	3.1	2.8	6.0	4.6
	2016	5.5	5.4	3.5	4.2	4.9	5.3	5.5	5.1	4.7	3.7	2.8	2.8	3.1	5.5
	2017	5.7	2.4	3.3	3.9	4.1	4.6	5.4	3.7	4.1	4.4	2.9	5.7	3.3	3.7
	2018	6.9	2.7	2.7	2.2	4.3	5.0	3.7	5.2	4.9	5.0	2.8	5.4	6.9	5.2
	2019	3.9	2.6	2.7	3.7	5.4	5.5	5.6	4.3	5.3	2.6	2.4	3.0	2.8	5.5
	2020	5.7	2.1	3.6	4.3	4.5	4.8	5.3	5.0	5.2	3.8	3.3	4.1	3.6	4.8
Projected	2021	5.9	4.5	3.3	3.5	4.7	5.1	5.3	4.7	4.6	3.9	3.3	4.1	5.9	4.7
	2022	5.8	4.5	3.3	3.5	4.7	5.0	5.2	4.7	4.5	3.8	3.2	4.0	5.8	4.7
	2023	5.8	4.4	3.2	3.5	4.6	5.0	5.1	4.6	4.5	3.8	3.2	4.0	5.8	4.6
	2024	5.7	4.3	3.2	3.4	4.6	4.9	5.1	4.6	4.4	3.7	3.2	3.9	5.7	4.6
	2025	5.6	4.3	3.2	3.4	4.5	4.9	5.0	4.5	4.4	3.7	3.1	3.9	5.6	4.5
	2026	5.6	4.3	3.1	3.4	4.5	4.8	5.0	4.5	4.3	3.7	3.1	3.9	5.6	4.5
	2027	5.6	4.2	3.1	3.3	4.5	4.8	5.0	4.5	4.3	3.7	3.1	3.9	5.6	4.5
	2028	5.5	4.2	3.1	3.3	4.5	4.8	4.9	4.5	4.3	3.7	3.1	3.9	5.5	4.5
	2029	5.5	4.2	3.1	3.3	4.4	4.8	4.9	4.5	4.3	3.6	3.1	3.9	5.5	4.5
	2030	5.5	4.2	3.1	3.3	4.4	4.8	4.9	4.5	4.3	3.6	3.1	3.9	5.5	4.5
Projected	2031	5.5	4.2	3.1	3.3	4.4	4.8	4.9	4.5	4.3	3.6	3.1	3.8	5.5	4.5
	2032	5.5	4.2	3.1	3.3	4.4	4.8	4.9	4.5	4.3	3.6	3.1	3.9	5.5	4.5
	2033	5.5	4.2	3.1	3.3	4.5	4.8	4.9	4.5	4.3	3.7	3.1	3.9	5.5	4.5
	2034	5.5	4.2	3.1	3.3	4.5	4.8	5.0	4.5	4.3	3.7	3.1	3.9	5.5	4.5
	2035	5.5	4.2	3.1	3.3	4.5	4.8	5.0	4.5	4.3	3.7	3.1	3.9	5.5	4.5
	2036	5.5	4.2	3.1	3.3	4.5	4.8	5.0	4.5	4.3	3.7	3.1	3.9	5.5	4.5
	2037	5.6	4.3	3.1	3.4	4.5	4.8	5.0	4.5	4.3	3.7	3.1	3.9	5.6	4.5
	2038	5.6	4.3	3.1	3.4	4.5	4.8	5.0	4.5	4.3	3.7	3.1	3.9	5.6	4.5
	2039	5.6	4.3	3.1	3.4	4.5	4.8	5.0	4.5	4.3	3.7	3.1	3.9	5.6	4.5
	2040	5.6	4.3	3.1	3.4	4.5	4.8	5.0	4.5	4.3	3.7	3.1	3.9	5.6	4.5

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	100.0%	86.9%	67.7%	100.0%	98.4%	95.3%	90.3%	100.0%	77.0%	82.5%	66.7%	59.4%	96.8%	96.8%
	2012	98.8%	93.6%	84.1%	73.5%	96.2%	95.2%	85.2%	69.6%	65.1%	72.7%	65.9%	100.0%	96.2%	85.2%
	2013	100.0%	95.7%	100.0%	81.0%	92.0%	94.4%	96.5%	87.9%	98.1%	96.7%	52.2%	59.0%	96.4%	83.4%
	2014	84.2%	99.4%	93.2%	100.0%	97.0%	88.4%	97.8%	82.5%	88.3%	71.1%	95.7%	91.8%	84.2%	82.5%
	2015	97.4%	100.0%	66.1%	93.9%	99.0%	79.9%	91.9%	94.6%	82.1%	91.8%	77.2%	55.9%	96.6%	79.9%
	2016	88.4%	96.4%	96.1%	100.0%	100.0%	94.9%	97.0%	94.7%	93.8%	80.5%	75.3%	57.9%	50.6%	97.0%
	2017	93.0%	60.9%	69.4%	96.4%	84.0%	88.4%	97.0%	65.0%	85.9%	97.4%	74.8%	97.3%	53.8%	65.0%
	2018	99.1%	56.8%	56.6%	69.4%	90.6%	86.9%	66.9%	98.9%	92.4%	100.0%	52.6%	94.4%	99.1%	90.5%
	2019	68.5%	61.5%	54.2%	96.9%	96.9%	98.0%	97.3%	75.7%	93.5%	47.6%	50.5%	56.0%	47.7%	97.0%
	2020	100.0%	39.2%	83.5%	100.0%	95.8%	88.3%	95.5%	90.8%	96.1%	84.0%	67.8%	77.0%	62.9%	87.0%
Projected	2021	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.1%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2022	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2023	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2024	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2025	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2026	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2027	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2028	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2029	92.9%	79.0%	77.1%	91.1%	95.0%	90.9%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2030	92.9%	79.0%	77.1%	91.1%	95.0%	90.9%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2011-2020	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	86.0%	87.2%	82.4%	67.9%	74.9%	78.4%	86.4%
	2021-2030	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%

FMPA 2021 Load Forecast - Low Economic Case - Havana

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service						TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	13,929		1,105		12,602		11,284		262		43.2		25,213		1,311	4.9%	26,524	
	2012	12,131	-12.9%	1,100	-0.5%	11,032	-12.5%	10,538	-6.6%	263	0.5%	40.1	-7.1%	22,669	-10.1%	1,261	5.3%	23,930	-9.8%
	2013	12,395	2.2%	1,104	0.3%	11,232	1.8%	10,844	2.9%	263	0.1%	41.2	2.8%	23,239	2.5%	1,346	5.5%	24,585	2.7%
	2014	13,182	6.3%	1,102	-0.1%	11,959	6.5%	10,739	-1.0%	270	2.6%	39.8	-3.5%	23,921	2.9%	1,255	5.0%	25,176	2.4%
	2015	13,446	2.0%	1,115	1.1%	12,065	0.9%	11,020	2.6%	298	10.3%	37.0	-7.0%	24,466	2.3%	1,305	5.1%	25,771	2.4%
	2016	13,129	-2.4%	1,122	0.6%	11,706	-3.0%	10,311	-6.4%	320	7.4%	32.2	-12.9%	23,440	-4.2%	1,485	6.0%	24,925	-3.3%
	2017	12,617	-3.9%	1,134	1.1%	11,123	-5.0%	9,887	-4.1%	316	-1.1%	31.3	-3.0%	22,504	-4.0%	1,130	4.8%	23,634	-5.2%
	2018	13,908	10.2%	1,139	0.4%	12,213	9.8%	10,199	3.2%	317	0.1%	32.2	3.0%	24,107	7.1%	1,295	5.1%	25,402	7.5%
	2019	13,868	-0.3%	1,138	0.0%	12,182	-0.3%	10,250	0.5%	311	-1.8%	32.9	2.3%	24,118	0.0%	1,519	5.9%	25,637	0.9%
	2020	13,963	0.7%	1,166	2.5%	11,972	-1.7%	9,630	-6.0%	291	-6.6%	33.1	0.6%	23,593	-2.2%	1,128	4.6%	24,721	-3.6%
Projected	2021	14,551	4.2%	1,191	2.1%	12,218	2.1%	9,139	-5.1%	258	-11.3%	35.4	7.0%	23,690	0.4%	1,377	5.5%	25,067	1.4%
	2022	14,428	-0.8%	1,188	-0.2%	12,142	-0.6%	9,077	-0.7%	259	0.3%	35.1	-0.9%	23,505	-0.8%	1,372	5.5%	24,876	-0.8%
	2023	14,181	-1.7%	1,187	-0.1%	11,950	-1.6%	9,045	-0.3%	259	0.0%	35.0	-0.3%	23,226	-1.2%	1,358	5.5%	24,583	-1.2%
	2024	13,929	-1.8%	1,185	-0.2%	11,756	-1.6%	9,028	-0.2%	259	0.0%	34.9	-0.2%	22,957	-1.2%	1,393	5.7%	24,350	-1.0%
	2025	13,704	-1.6%	1,183	-0.2%	11,587	-1.4%	9,018	-0.1%	259	0.0%	34.9	-0.2%	22,721	-1.0%	1,330	5.5%	24,052	-1.2%
	2026	13,536	-1.2%	1,180	-0.2%	11,469	-1.0%	9,013	-0.1%	259	0.1%	34.8	-0.1%	22,549	-0.8%	1,321	5.5%	23,870	-0.8%
	2027	13,422	-0.8%	1,178	-0.2%	11,398	-0.6%	9,021	0.1%	259	0.1%	34.8	0.0%	22,443	-0.5%	1,315	5.5%	23,757	-0.5%
	2028	13,331	-0.7%	1,175	-0.3%	11,350	-0.4%	9,035	0.2%	259	0.1%	34.8	0.1%	22,367	-0.3%	1,358	5.7%	23,725	-0.1%
	2029	13,272	-0.4%	1,171	-0.3%	11,329	-0.2%	9,053	0.2%	260	0.1%	34.9	0.1%	22,325	-0.2%	1,308	5.5%	23,633	-0.4%
	2030	13,236	-0.3%	1,168	-0.3%	11,329	0.0%	9,072	0.2%	260	0.1%	34.9	0.1%	22,308	-0.1%	1,307	5.5%	23,615	-0.1%
	2031	13,220	-0.1%	1,165	-0.3%	11,346	0.1%	9,093	0.2%	260	0.1%	35.0	0.1%	22,313	0.0%	1,308	5.5%	23,621	0.0%
	2032	13,212	-0.1%	1,162	-0.3%	11,370	0.2%	9,119	0.3%	260	0.1%	35.0	0.2%	22,330	0.1%	1,356	5.7%	23,687	0.3%
	2033	13,217	0.0%	1,159	-0.3%	11,408	0.3%	9,147	0.3%	261	0.1%	35.1	0.2%	22,365	0.2%	1,311	5.5%	23,675	0.0%
	2034	13,240	0.2%	1,155	-0.3%	11,460	0.5%	9,178	0.3%	261	0.1%	35.1	0.2%	22,417	0.2%	1,314	5.5%	23,731	0.2%
	2035	13,261	0.2%	1,152	-0.3%	11,512	0.5%	9,208	0.3%	262	0.1%	35.2	0.2%	22,469	0.2%	1,317	5.5%	23,786	0.2%
	2036	13,277	0.1%	1,149	-0.3%	11,559	0.4%	9,239	0.3%	262	0.1%	35.3	0.2%	22,516	0.2%	1,368	5.7%	23,884	0.4%
	2037	13,291	0.1%	1,145	-0.3%	11,606	0.4%	9,269	0.3%	262	0.1%	35.3	0.2%	22,560	0.2%	1,322	5.5%	23,882	0.0%
	2038	13,301	0.1%	1,142	-0.3%	11,649	0.4%	9,298	0.3%	263	0.1%	35.4	0.2%	22,599	0.2%	1,325	5.5%	23,924	0.2%
	2039	13,319	0.1%	1,138	-0.3%	11,700	0.4%	9,326	0.3%	263	0.1%	35.5	0.2%	22,645	0.2%	1,327	5.5%	23,972	0.2%
	2040	13,336	0.1%	1,135	-0.3%	11,748	0.4%	9,353	0.3%	263	0.1%	35.5	0.2%	22,688	0.2%	1,378	5.7%	24,067	0.4%
CAGR	2011-2020		0.0%		0.6%		-0.6%		-1.7%		1.2%		-2.9%		-0.7%		5.2%		-0.8%
	2021-2030		-1.0%		-0.2%		-0.8%		-0.1%		0.1%		-0.2%		-0.7%		5.6%		-0.7%
	2031-2040		0.1%		-0.3%		0.4%		0.3%		0.1%		0.2%		0.2%		5.6%		0.2%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - High Economic Case

Havana

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	26,524	-	25,146	-	-5.2%	6.2	-	6.5	-	4.5%	6.0	-	4.7		-21.4%
	2012	23,930	-9.8%	24,575	-2.3%	2.7%	5.5	-11.1%	5.2	-19.5%	-5.4%	4.9	-18.6%	4.5	-3.0%	-6.4%
	2013	24,585	2.7%	25,155	2.4%	2.3%	5.1	-8.7%	6.0	13.6%	17.7%	4.7	-3.8%	4.8	5.3%	2.5%
	2014	25,176	2.4%	25,021	-0.5%	-0.6%	5.4	6.6%	6.1	2.9%	13.6%	4.8	3.1%	5.1	7.5%	6.8%
	2015	25,771	2.4%	24,822	-0.8%	-3.7%	6.0	11.5%	6.9	12.4%	14.6%	4.6	-3.7%	5.9	15.4%	28.0%
	2016	24,925	-3.3%	24,702	-0.5%	-0.9%	3.1	-47.7%	6.1	-12.0%	92.9%	5.5	18.4%	5.0	-15.0%	-8.2%
	2017	23,634	-5.2%	24,620	-0.3%	4.2%	3.3	5.4%	6.0	-1.6%	80.2%	3.7	-32.4%	4.3	-15.1%	15.3%
	2018	25,402	7.5%	25,274	2.7%	-0.5%	6.9	108.6%	6.4	8.0%	-6.7%	5.2	39.3%	5.1	18.7%	-1.7%
	2019	25,637	0.9%	25,203	-0.3%	-1.7%	2.8	-60.1%	5.6	-13.1%	103.3%	5.5	7.3%	5.1	1.4%	-7.1%
	2020	24,721	-3.6%	25,123	-0.3%	1.6%	3.6	30.9%	7.1	27.0%	97.2%	4.8	-12.7%	6.3	23.3%	31.2%
Projected	2021	25,440	2.9%	25,440	1.3%		5.9	64.2%	5.9	-16.7%		4.9	0.5%	4.9	-23.4%	
	2022			26,040	2.4%				6.1	2.5%				5.0	2.1%	
	2023			26,429	1.5%				6.2	1.5%				5.0	1.4%	
	2024			26,866	1.7%				6.2	1.3%				5.1	1.3%	
	2025			27,082	0.8%				6.3	1.4%				5.2	0.9%	
	2026			27,317	0.9%				6.4	0.8%				5.2	0.9%	
	2027			27,587	1.0%				6.4	1.0%				5.2	1.0%	
	2028			27,917	1.2%				6.5	0.7%				5.3	1.0%	
	2029			28,152	0.8%				6.6	1.3%				5.4	1.1%	
	2030			28,456	1.1%				6.6	1.1%				5.4	1.1%	
	2031			28,773	1.1%				6.7	1.1%				5.5	1.1%	
	2032			29,157	1.3%				6.8	0.8%				5.5	1.1%	
	2033			29,436	1.0%				6.9	1.5%				5.6	1.2%	
	2034			29,786	1.2%				7.0	1.2%				5.7	1.2%	
	2035			30,132	1.2%				7.0	1.2%				5.7	1.1%	
	2036			30,527	1.3%				7.1	0.8%				5.8	1.1%	
	2037			30,790	0.9%				7.2	1.4%				5.9	1.0%	
	2038			31,102	1.0%				7.3	1.0%				5.9	1.0%	
	2039			31,422	1.0%				7.3	1.1%				6.0	1.0%	
	2040			31,800	1.2%				7.4	0.7%				6.0	1.0%	
CAGR [3]	2011-2020		-0.8%		0.0%			-5.9%		1.0%			-2.3%		3.4%	
	2021-2030				1.3%					1.3%					1.2%	
	2031-2040				1.1%					1.1%					1.1%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Havana

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	26,524	-	26,524	-	6.4	6.2	6.4	6.2	6.2	6.0	6.2	6.0
	2012	23,930	-9.8%	23,930	-9.8%	5.8	5.7	5.8	5.7	5.5	4.9	5.5	4.9
	2013	24,585	2.7%	24,585	2.7%	5.3	5.6	5.3	5.6	5.1	4.7	5.1	4.7
	2014	25,176	2.4%	25,176	2.4%	6.4	5.8	6.4	5.8	5.4	4.8	5.4	4.8
	2015	25,771	2.4%	25,771	2.4%	6.2	5.8	6.2	5.8	6.0	4.6	6.0	4.6
	2016	24,925	-3.3%	24,925	-3.3%	6.2	5.7	6.2	5.7	3.1	5.5	3.1	5.5
	2017	23,634	-5.2%	23,634	-5.2%	6.2	5.7	6.2	5.7	3.3	3.7	3.3	3.7
	2018	25,402	7.5%	25,402	7.5%	7.0	5.7	7.0	5.7	6.9	5.2	6.9	5.2
	2019	25,637	0.9%	25,637	0.9%	5.8	5.7	5.8	5.7	2.8	5.5	2.8	5.5
	2020	24,721	-3.6%	25,980	1.3%	5.7	5.6	6.4	5.9	3.6	4.8	5.9	4.8
Projected	2021	25,440	2.9%	26,221	0.9%	6.4	5.9	6.5	6.0	5.9	4.9	6.0	4.9
	2022	26,040	2.4%	26,595	1.4%	6.5	6.0	6.6	6.1	6.1	5.0	6.1	5.0
	2023	26,429	1.5%	26,974	1.4%	6.6	6.1	6.7	6.2	6.2	5.0	6.2	5.0
	2024	26,866	1.7%	27,326	1.3%	6.7	6.2	6.8	6.3	6.2	5.1	6.3	5.1
	2025	27,082	0.8%	27,524	0.7%	6.8	6.2	6.9	6.3	6.3	5.2	6.4	5.1
	2026	27,317	0.9%	27,774	0.9%	6.9	6.3	6.9	6.4	6.4	5.2	6.4	5.2
	2027	27,587	1.0%	28,023	0.9%	6.9	6.3	7.0	6.4	6.4	5.2	6.5	5.2
	2028	27,917	1.2%	28,306	1.0%	7.0	6.4	7.0	6.5	6.5	5.3	6.5	5.3
	2029	28,152	0.8%	28,454	0.5%	7.1	6.5	7.1	6.5	6.6	5.4	6.6	5.3
	2030	28,456	1.1%	28,652	0.7%	7.2	6.5	7.1	6.6	6.6	5.4	6.6	5.3
	2031	28,773	1.1%	28,866	0.7%	7.2	6.6	7.2	6.6	6.7	5.5	6.7	5.4
	2032	29,157	1.3%	29,139	0.9%	7.3	6.7	7.2	6.7	6.8	5.5	6.7	5.4
	2033	29,436	1.0%	29,295	0.5%	7.4	6.8	7.3	6.7	6.9	5.6	6.8	5.4
	2034	29,786	1.2%	29,505	0.7%	7.5	6.9	7.4	6.8	7.0	5.7	6.8	5.5
	2035	30,132	1.2%	29,703	0.7%	7.6	6.9	7.4	6.8	7.0	5.7	6.9	5.5
	2036	30,527	1.3%	29,948	0.8%	7.6	7.0	7.4	6.9	7.1	5.8	6.9	5.6
	2037	30,790	0.9%	30,060	0.4%	7.7	7.1	7.5	6.9	7.2	5.9	7.0	5.6
	2038	31,102	1.0%	30,220	0.5%	7.8	7.2	7.5	6.9	7.3	5.9	7.0	5.6
	2039	31,422	1.0%	30,381	0.5%	7.9	7.2	7.6	7.0	7.3	6.0	7.0	5.6
	2040	31,800	1.2%			8.0	7.3			7.4	6.0		
CAGR[1]	Historical		-0.8%		-0.4%	-1.3%	-1.1%	-1.4%	-0.9%	-5.2%	0.0%	-9.5%	1.9%
	1st 10 Prj Yrs		1.3%		1.0%	1.3%	1.2%	1.2%	1.0%	1.3%	1.2%	1.2%	1.0%
	2nd 10 Prj Yrs		1.1%		0.7%	1.1%	1.1%	0.7%	0.6%	1.1%	1.1%	0.7%	0.6%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Havana

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	26,524	-	25,146	-	-5.2%	6.2	-	6.5	-	4.5%	6.0	-	4.7		-21.4%
	2012	23,930	-9.8%	24,575	-2.3%	2.7%	5.5	-11.1%	5.2	-19.5%	-5.4%	4.9	-18.6%	4.5	-3.0%	-6.4%
	2013	24,585	2.7%	25,155	2.4%	2.3%	5.1	-8.7%	6.0	13.6%	17.7%	4.7	-3.8%	4.8	5.3%	2.5%
	2014	25,176	2.4%	25,021	-0.5%	-0.6%	5.4	6.6%	6.1	2.9%	13.6%	4.8	3.1%	5.1	7.5%	6.8%
	2015	25,771	2.4%	24,822	-0.8%	-3.7%	6.0	11.5%	6.9	12.4%	14.6%	4.6	-3.7%	5.9	15.4%	28.0%
	2016	24,925	-3.3%	24,702	-0.5%	-0.9%	3.1	-47.7%	6.1	-12.0%	92.9%	5.5	18.4%	5.0	-15.0%	-8.2%
	2017	23,634	-5.2%	24,620	-0.3%	4.2%	3.3	5.4%	6.0	-1.6%	80.2%	3.7	-32.4%	4.3	-15.1%	15.3%
	2018	25,402	7.5%	25,274	2.7%	-0.5%	6.9	108.6%	6.4	8.0%	-6.7%	5.2	39.3%	5.1	18.7%	-1.7%
	2019	25,637	0.9%	25,203	-0.3%	-1.7%	2.8	-60.1%	5.6	-13.1%	103.3%	5.5	7.3%	5.1	1.4%	-7.1%
	2020	24,721	-3.6%	24,800	-1.6%	0.3%	3.6	30.9%	7.1	27.0%	97.2%	4.8	-12.7%	6.3	23.3%	31.2%
Projected	2021	25,428	2.9%	25,428	2.5%		5.9	64.2%	5.9	-16.7%		4.9	0.5%	4.9	-23.4%	
	2022			26,016	2.3%				6.1	2.5%				5.0	2.1%	
	2023			26,392	1.4%				6.2	1.5%				5.0	1.3%	
	2024			26,817	1.6%				6.2	1.3%				5.1	1.3%	
	2025			27,021	0.8%				6.3	1.4%				5.1	0.9%	
	2026			27,243	0.8%				6.4	0.8%				5.2	0.8%	
	2027			27,502	0.9%				6.4	1.0%				5.2	0.9%	
	2028			27,819	1.2%				6.5	0.7%				5.3	1.0%	
	2029			28,043	0.8%				6.6	1.3%				5.3	1.0%	
	2030			28,335	1.0%				6.6	1.1%				5.4	1.1%	
	2031			28,640	1.1%				6.7	1.1%				5.4	1.1%	
	2032			29,012	1.3%				6.8	0.8%				5.5	1.1%	
	2033			29,280	0.9%				6.9	1.5%				5.6	1.1%	
	2034			29,667	1.3%				7.0	1.2%				5.6	1.4%	
	2035			30,002	1.1%				7.0	1.2%				5.7	1.1%	
	2036			30,385	1.3%				7.1	0.8%				5.8	1.1%	
	2037			30,637	0.8%				7.2	1.4%				5.8	1.0%	
	2038			30,937	1.0%				7.3	1.0%				5.9	1.0%	
	2039			31,246	1.0%				7.3	1.1%				5.9	1.0%	
	2040			31,612	1.2%				7.4	0.7%				6.0	1.0%	
CAGR [3]	2011-2020		-0.8%		-0.2%			-5.9%		1.0%			-2.3%		3.4%	
	2021-2030				1.2%					1.3%					1.1%	
	2031-2040				1.1%					1.1%					1.1%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Havana

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	26,524	-	25,146	-	-5.2%	6.4	-	47.0%	6.2	-	49.2%
	2012	23,930	-9.8%	24,575	-2.3%	2.7%	5.8	-10.5%	47.4%	5.7	-7.6%	48.0%
	2013	24,585	2.7%	25,155	2.4%	2.3%	5.3	-8.9%	53.5%	5.6	-1.6%	50.1%
	2014	25,176	2.4%	25,021	-0.5%	-0.6%	6.4	22.1%	44.8%	5.8	4.1%	49.3%
	2015	25,771	2.4%	24,822	-0.8%	-3.7%	6.2	-2.9%	47.2%	5.8	-0.5%	50.7%
	2016	24,925	-3.3%	24,702	-0.5%	-0.9%	6.2	-0.2%	45.8%	5.7	-2.5%	50.3%
	2017	23,634	-5.2%	24,620	-0.3%	4.2%	6.2	-0.9%	43.8%	5.7	0.8%	47.3%
	2018	25,402	7.5%	25,274	2.7%	-0.5%	7.0	13.2%	41.6%	5.7	0.1%	50.8%
	2019	25,637	0.9%	25,203	-0.3%	-1.7%	5.8	-17.2%	50.7%	5.7	0.0%	51.2%
	2020	24,721	-3.6%	25,123	-0.3%	1.6%	5.7	-0.6%	49.2%	5.6	-2.7%	50.7%
Projected	2021	25,428	2.9%	25,428	1.2%		6.4	11.1%	45.5%	5.9	5.7%	49.4%
	2022	26,016	2.3%	26,016	2.3%		6.5	2.5%	45.5%	6.0	2.1%	49.5%
	2023	26,392	1.4%	26,392	1.4%		6.6	1.5%	45.4%	6.1	1.4%	49.6%
	2024	26,817	1.6%	26,817	1.6%		6.7	1.3%	45.6%	6.2	1.3%	49.7%
	2025	27,021	0.8%	27,021	0.8%		6.8	1.4%	45.3%	6.2	0.9%	49.7%
	2026	27,243	0.8%	27,243	0.8%		6.9	0.8%	45.3%	6.3	0.9%	49.7%
	2027	27,502	0.9%	27,502	0.9%		6.9	1.0%	45.3%	6.3	1.0%	49.6%
	2028	27,819	1.2%	27,819	1.2%		7.0	0.7%	45.5%	6.4	1.0%	49.7%
	2029	28,043	0.8%	28,043	0.8%		7.1	1.3%	45.2%	6.4	1.0%	49.6%
	2030	28,335	1.0%	28,335	1.0%		7.2	1.1%	45.2%	6.5	1.1%	49.6%
	2031	28,640	1.1%	28,640	1.1%		7.2	1.1%	45.2%	6.6	1.1%	49.6%
	2032	29,012	1.3%	29,012	1.3%		7.3	0.8%	45.4%	6.7	1.1%	49.7%
	2033	29,280	0.9%	29,280	0.9%		7.4	1.5%	45.2%	6.7	1.1%	49.6%
	2034	29,667	1.3%	29,667	1.3%		7.5	1.2%	45.2%	6.8	1.3%	49.6%
	2035	30,002	1.1%	30,002	1.1%		7.6	1.2%	45.2%	6.9	1.1%	49.6%
	2036	30,385	1.3%	30,385	1.3%		7.6	0.8%	45.4%	7.0	1.1%	49.7%
	2037	30,637	0.8%	30,637	0.8%		7.7	1.4%	45.1%	7.0	1.0%	49.7%
	2038	30,937	1.0%	30,937	1.0%		7.8	1.0%	45.1%	7.1	1.0%	49.6%
	2039	31,246	1.0%	31,246	1.0%		7.9	1.1%	45.1%	7.2	1.0%	49.7%
	2040	31,612	1.2%	31,612	1.2%		8.0	0.7%	45.3%	7.3	1.0%	49.8%
CAGR [1]	2011-2020		-0.8%		0.0%			-1.3%	47.1%		-1.1%	49.8%
	2021-2030		1.2%		1.2%			1.3%	45.4%		1.2%	49.6%
	2031-2040		1.1%		1.1%			1.1%	45.2%		1.1%	49.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Havana

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	2,626	1,850	1,661	1,724	2,125	2,655	2,591	2,834	2,145	1,679	1,698	1,958	25,549	26,524
	2012	2,027	1,761	1,690	1,671	2,128	2,207	2,563	2,399	2,150	1,795	1,808	2,055	24,252	23,930
	2013	1,931	1,843	2,040	1,652	1,968	2,452	2,302	2,498	2,243	1,813	1,782	2,016	24,538	24,585
	2014	2,663	1,797	1,788	1,598	1,973	2,377	2,503	2,670	2,196	1,766	2,002	2,056	25,388	25,176
	2015	2,306	2,194	1,728	1,693	2,145	2,419	2,752	2,612	2,102	1,753	1,740	1,832	25,274	25,771
	2016	2,385	1,968	1,658	1,604	2,018	2,443	2,668	2,598	2,259	1,813	1,651	1,905	24,968	24,925
	2017	1,965	1,518	1,731	1,710	2,019	2,132	2,534	2,545	2,111	1,948	1,692	2,219	24,125	23,634
	2018	2,765	1,550	1,768	1,563	2,064	2,467	2,514	2,428	2,425	1,785	1,872	2,183	25,382	25,402
	2019	2,320	1,572	1,758	1,644	2,283	2,469	2,592	2,642	2,518	2,002	1,809	2,008	25,617	25,637
	2020	2,041	1,848	1,785	1,643	1,987	2,334	2,622	2,558	2,082	1,742	1,673	2,224	24,541	24,721
Projected	2021	2,422	1,743	2,048	1,516	2,072	2,436	2,662	2,557	2,333	1,777	1,718	2,252	25,535	25,428
	2022	2,518	1,779	2,122	1,534	2,122	2,495	2,714	2,589	2,397	1,801	1,749	2,281	26,101	26,016
	2023	2,564	1,802	2,160	1,549	2,152	2,529	2,748	2,620	2,435	1,824	1,775	2,315	26,474	26,392
	2024	2,608	1,883	2,193	1,572	2,184	2,564	2,784	2,652	2,464	1,844	1,795	2,340	26,881	26,817
	2025	2,635	1,847	2,215	1,586	2,204	2,587	2,809	2,675	2,485	1,859	1,809	2,358	27,069	27,021
	2026	2,657	1,862	2,232	1,599	2,222	2,608	2,832	2,697	2,506	1,875	1,826	2,381	27,299	27,243
	2027	2,682	1,880	2,254	1,614	2,244	2,633	2,859	2,723	2,530	1,893	1,843	2,404	27,559	27,502
	2028	2,708	1,954	2,275	1,629	2,265	2,658	2,887	2,749	2,555	1,911	1,861	2,428	27,880	27,819
	2029	2,736	1,917	2,298	1,645	2,288	2,685	2,916	2,777	2,580	1,931	1,880	2,453	28,106	28,043
	2030	2,764	1,937	2,321	1,662	2,312	2,713	2,947	2,807	2,608	1,951	1,900	2,481	28,403	28,335
Projected	2031	2,795	1,959	2,346	1,679	2,336	2,742	2,978	2,837	2,636	1,972	1,920	2,508	28,708	28,640
	2032	2,827	2,039	2,372	1,697	2,362	2,772	3,011	2,868	2,665	1,993	1,941	2,536	29,084	29,012
	2033	2,859	2,003	2,399	1,716	2,388	2,803	3,045	2,901	2,695	2,020	1,967	2,568	29,365	29,280
	2034	2,896	2,029	2,431	1,740	2,419	2,841	3,086	2,940	2,731	2,043	1,989	2,599	29,743	29,667
	2035	2,930	2,053	2,458	1,759	2,446	2,872	3,120	2,972	2,761	2,065	2,010	2,627	30,073	30,002
	2036	2,963	2,136	2,485	1,777	2,472	2,903	3,154	3,004	2,790	2,087	2,031	2,656	30,457	30,385
	2037	2,995	2,097	2,511	1,795	2,497	2,932	3,185	3,033	2,818	2,107	2,050	2,682	30,702	30,637
	2038	3,025	2,118	2,535	1,812	2,521	2,961	3,217	3,064	2,846	2,128	2,070	2,710	31,007	30,937
	2039	3,057	2,140	2,561	1,830	2,546	2,990	3,248	3,094	2,873	2,148	2,090	2,736	31,313	31,246
	2040	3,087	2,225	2,585	1,847	2,570	3,019	3,280	3,123	2,901	2,169	2,110	2,763	31,680	31,612

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	10.3%	7.2%	6.5%	6.7%	8.3%	10.4%	10.1%	11.1%	8.4%	6.6%	6.6%	7.7%	100.0%
	2012	8.4%	7.3%	7.0%	6.9%	8.8%	9.1%	10.6%	9.9%	8.9%	7.4%	7.5%	8.5%	100.0%
	2013	7.9%	7.5%	8.3%	6.7%	8.0%	10.0%	9.4%	10.2%	9.1%	7.4%	7.3%	8.2%	100.0%
	2014	10.5%	7.1%	7.0%	6.3%	7.8%	9.4%	9.9%	10.5%	8.7%	7.0%	7.9%	8.1%	100.0%
	2015	9.1%	8.7%	6.8%	6.7%	8.5%	9.6%	10.9%	10.3%	8.3%	6.9%	6.9%	7.2%	100.0%
	2016	9.6%	7.9%	6.6%	6.4%	8.1%	9.8%	10.7%	10.4%	9.0%	7.3%	6.6%	7.6%	100.0%
	2017	8.1%	6.3%	7.2%	7.1%	8.4%	8.8%	10.5%	10.5%	8.8%	8.1%	7.0%	9.2%	100.0%
	2018	10.9%	6.1%	7.0%	6.2%	8.1%	9.7%	9.9%	9.6%	9.6%	7.0%	7.4%	8.6%	100.0%
	2019	9.1%	6.1%	6.9%	6.4%	8.9%	9.6%	10.1%	10.3%	9.8%	7.8%	7.1%	7.8%	100.0%
	2020	8.3%	7.5%	7.3%	6.7%	8.1%	9.5%	10.7%	10.4%	8.5%	7.1%	6.8%	9.1%	100.0%
Projected	2021	9.5%	6.8%	8.0%	5.9%	8.1%	9.5%	10.4%	10.0%	9.1%	7.0%	6.7%	8.8%	100.0%
	2022	9.6%	6.8%	8.1%	5.9%	8.1%	9.6%	10.4%	9.9%	9.2%	6.9%	6.7%	8.7%	100.0%
	2023	9.7%	6.8%	8.2%	5.9%	8.1%	9.6%	10.4%	9.9%	9.2%	6.9%	6.7%	8.7%	100.0%
	2024	9.7%	7.0%	8.2%	5.8%	8.1%	9.5%	10.4%	9.9%	9.2%	6.9%	6.7%	8.7%	100.0%
	2025	9.7%	6.8%	8.2%	5.9%	8.1%	9.6%	10.4%	9.9%	9.2%	6.9%	6.7%	8.7%	100.0%
	2026	9.7%	6.8%	8.2%	5.9%	8.1%	9.6%	10.4%	9.9%	9.2%	6.9%	6.7%	8.7%	100.0%
	2027	9.7%	6.8%	8.2%	5.9%	8.1%	9.6%	10.4%	9.9%	9.2%	6.9%	6.7%	8.7%	100.0%
	2028	9.7%	7.0%	8.2%	5.8%	8.1%	9.5%	10.4%	9.9%	9.2%	6.9%	6.7%	8.7%	100.0%
	2029	9.7%	6.8%	8.2%	5.9%	8.1%	9.6%	10.4%	9.9%	9.2%	6.9%	6.7%	8.7%	100.0%
	2030	9.7%	6.8%	8.2%	5.9%	8.1%	9.6%	10.4%	9.9%	9.2%	6.9%	6.7%	8.7%	100.0%
Avg.	2011-2020	9.2%	7.2%	7.1%	6.6%	8.3%	9.6%	10.3%	10.3%	8.9%	7.3%	7.1%	8.2%	100.0%
	2021-2030	9.7%	6.9%	8.2%	5.9%	8.1%	9.5%	10.4%	9.9%	9.2%	6.9%	6.7%	8.7%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - High Economic Case

Havana

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	6.4	5.3	3.9	4.2	5.2	6.2	5.7	6.0	5.2	3.5	4.2	4.7	6.4	6.2
	2012	5.6	5.8	3.6	4.5	5.1	5.6	5.7	5.4	5.1	4.2	4.3	5.1	5.8	5.7
	2013	4.8	5.3	5.1	3.5	4.7	5.6	5.2	5.3	5.3	4.4	5.0	4.8	5.3	5.6
	2014	6.4	5.0	4.3	3.6	4.7	5.5	5.6	5.8	5.4	4.4	5.8	5.1	6.4	5.8
	2015	6.2	6.0	4.2	3.8	5.0	5.8	5.7	5.6	5.0	4.2	4.1	5.0	6.2	5.8
	2016	6.2	5.6	3.6	4.2	4.9	5.6	5.7	5.4	5.0	4.6	3.8	4.9	6.2	5.7
	2017	6.2	4.0	4.8	4.0	4.9	5.1	5.5	5.7	4.8	4.5	3.9	5.9	6.2	5.7
	2018	7.0	4.8	4.7	3.2	4.8	5.7	5.5	5.2	5.3	5.0	5.2	5.8	7.0	5.7
	2019	5.7	4.3	4.9	3.8	5.5	5.7	5.7	5.6	5.7	5.4	4.8	5.3	5.8	5.7
	2020	5.7	5.5	4.3	4.3	4.7	5.5	5.6	5.6	5.4	4.5	4.9	5.4	5.7	5.6
Projected	2021	6.4	5.7	4.3	4.0	5.1	5.7	5.9	5.6	5.4	4.7	5.0	5.5	6.4	5.9
	2022	6.5	5.9	4.4	4.1	5.2	5.9	6.0	5.7	5.5	4.8	5.1	5.6	6.5	6.0
	2023	6.6	6.0	4.5	4.1	5.3	5.9	6.1	5.8	5.5	4.9	5.2	5.7	6.6	6.1
	2024	6.7	6.0	4.5	4.2	5.3	6.0	6.2	5.9	5.6	5.0	5.2	5.8	6.7	6.2
	2025	6.8	6.1	4.6	4.2	5.4	6.1	6.2	5.9	5.7	5.0	5.3	5.8	6.8	6.2
	2026	6.9	6.2	4.6	4.2	5.4	6.1	6.3	6.0	5.7	5.0	5.3	5.9	6.9	6.3
	2027	6.9	6.2	4.7	4.3	5.5	6.2	6.3	6.0	5.8	5.1	5.4	5.9	6.9	6.3
	2028	7.0	6.3	4.7	4.3	5.5	6.2	6.4	6.1	5.8	5.1	5.4	6.0	7.0	6.4
	2029	7.1	6.4	4.8	4.4	5.6	6.3	6.4	6.1	5.9	5.2	5.5	6.0	7.1	6.4
	2030	7.2	6.4	4.8	4.4	5.7	6.4	6.5	6.2	5.9	5.2	5.6	6.1	7.2	6.5
Projected	2031	7.2	6.5	4.9	4.5	5.7	6.4	6.6	6.3	6.0	5.3	5.6	6.2	7.2	6.6
	2032	7.3	6.5	4.9	4.5	5.8	6.5	6.7	6.3	6.1	5.4	5.7	6.3	7.3	6.7
	2033	7.4	6.6	5.0	4.6	5.8	6.6	6.7	6.4	6.1	5.4	5.8	6.3	7.4	6.7
	2034	7.5	6.7	5.1	4.6	5.9	6.7	6.8	6.5	6.2	5.5	5.8	6.4	7.5	6.8
	2035	7.6	6.8	5.1	4.7	6.0	6.7	6.9	6.6	6.3	5.6	5.9	6.5	7.6	6.9
	2036	7.6	6.9	5.2	4.7	6.1	6.8	7.0	6.6	6.4	5.6	6.0	6.6	7.6	7.0
	2037	7.7	7.0	5.2	4.8	6.1	6.9	7.0	6.7	6.4	5.7	6.0	6.6	7.7	7.0
	2038	7.8	7.0	5.3	4.8	6.2	6.9	7.1	6.8	6.5	5.7	6.1	6.7	7.8	7.1
	2039	7.9	7.1	5.4	4.9	6.2	7.0	7.2	6.8	6.6	5.8	6.1	6.7	7.9	7.2
	2040	8.0	7.2	5.4	4.9	6.3	7.1	7.3	6.9	6.6	5.8	6.2	6.8	8.0	7.3

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	54.8%	52.0%	56.9%	57.2%	55.1%	59.9%	60.7%	63.9%	56.8%	65.0%	55.5%	55.6%	45.3%	49.2%
	2012	48.6%	43.9%	63.0%	51.9%	56.0%	54.9%	60.5%	59.4%	58.3%	57.4%	58.2%	54.6%	48.0%	48.0%
	2013	54.0%	52.2%	54.2%	65.5%	56.7%	60.8%	60.0%	63.2%	59.0%	56.0%	49.6%	55.9%	53.4%	50.1%
	2014	55.8%	53.3%	55.8%	62.4%	56.3%	60.2%	59.9%	61.5%	56.5%	54.3%	48.2%	54.2%	45.2%	49.3%
	2015	49.8%	54.3%	54.7%	62.2%	58.1%	57.9%	64.9%	63.2%	58.1%	55.7%	59.3%	49.2%	46.3%	50.7%
	2016	51.6%	50.9%	61.2%	53.3%	55.3%	61.0%	63.4%	65.0%	63.0%	52.8%	61.0%	52.4%	45.9%	50.3%
	2017	42.9%	56.3%	48.7%	58.7%	55.7%	57.5%	61.4%	60.0%	61.0%	58.0%	60.8%	50.7%	44.7%	47.3%
	2018	53.3%	47.8%	50.6%	68.5%	57.9%	60.0%	61.8%	62.5%	63.1%	47.9%	49.6%	50.9%	41.5%	50.8%
	2019	54.7%	54.9%	47.8%	59.5%	55.6%	60.6%	61.0%	62.9%	61.4%	50.0%	52.8%	51.3%	50.7%	51.2%
	2020	47.8%	48.4%	55.6%	52.8%	56.5%	59.2%	63.4%	61.8%	53.7%	52.4%	47.4%	55.5%	48.8%	50.7%
Projected	2021	51.1%	45.3%	63.8%	53.0%	54.7%	59.0%	60.9%	61.5%	60.4%	50.6%	47.5%	54.8%	45.7%	49.4%
	2022	51.8%	45.1%	64.5%	52.6%	54.9%	59.2%	60.8%	61.0%	60.8%	50.2%	47.6%	54.7%	45.6%	49.5%
	2023	51.9%	45.0%	64.6%	52.4%	54.9%	59.2%	60.8%	61.0%	60.9%	50.2%	47.7%	54.8%	45.6%	49.6%
	2024	52.2%	44.8%	64.8%	52.5%	55.0%	59.3%	60.8%	60.9%	60.9%	50.1%	47.6%	54.6%	45.7%	49.7%
	2025	52.0%	44.9%	64.5%	52.5%	55.0%	59.3%	60.8%	60.9%	60.9%	50.0%	47.6%	54.6%	45.4%	49.7%
	2026	52.0%	44.9%	64.5%	52.5%	55.0%	59.3%	60.8%	60.9%	60.9%	50.0%	47.5%	54.6%	45.4%	49.7%
	2027	52.0%	44.9%	64.5%	52.5%	55.0%	59.3%	60.8%	60.9%	60.9%	50.0%	47.7%	54.7%	45.4%	49.6%
	2028	52.1%	44.8%	64.7%	52.4%	55.0%	59.3%	60.8%	60.9%	60.9%	50.0%	47.5%	54.6%	45.6%	49.7%
	2029	52.0%	44.9%	64.5%	52.4%	55.0%	59.3%	60.8%	60.9%	60.9%	50.0%	47.5%	54.5%	45.3%	49.6%
	2030	52.0%	44.9%	64.4%	52.4%	54.9%	59.3%	60.8%	60.9%	60.9%	50.0%	47.4%	54.5%	45.3%	49.6%
Avg.	2011-2020	51.3%	51.4%	54.9%	59.2%	56.3%	59.2%	61.7%	62.3%	59.1%	54.9%	54.3%	53.0%	47.0%	49.8%
	2021-2030	51.9%	44.9%	64.5%	52.5%	54.9%	59.2%	60.8%	61.0%	60.8%	50.1%	47.5%	54.6%	45.5%	49.6%

FMPA 2021 Load Forecast - High Economic Case

Havana

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	6.4	4.6	2.7	4.2	5.1	5.9	5.2	6.0	4.0	2.9	2.8	2.8	6.2	6.0
	2012	5.5	5.4	3.0	3.3	4.9	5.3	4.9	3.8	3.3	3.1	2.8	5.1	5.5	4.9
	2013	4.8	5.0	5.1	2.8	4.3	5.3	5.0	4.7	5.2	4.2	2.6	2.9	5.1	4.7
	2014	5.4	5.0	4.0	3.6	4.6	4.8	5.5	4.8	4.8	3.1	5.5	4.7	5.4	4.8
	2015	6.1	6.0	2.8	3.5	4.9	4.6	5.2	5.3	4.1	3.9	3.1	2.8	6.0	4.6
	2016	5.5	5.4	3.5	4.2	4.9	5.3	5.5	5.1	4.7	3.7	2.8	2.8	3.1	5.5
	2017	5.7	2.4	3.3	3.9	4.1	4.6	5.4	3.7	4.1	4.4	2.9	5.7	3.3	3.7
	2018	6.9	2.7	2.7	2.2	4.3	5.0	3.7	5.2	4.9	5.0	2.8	5.4	6.9	5.2
	2019	3.9	2.6	2.7	3.7	5.4	5.5	5.6	4.3	5.3	2.6	2.4	3.0	2.8	5.5
	2020	5.7	2.1	3.6	4.3	4.5	4.8	5.3	5.0	5.2	3.8	3.3	4.1	3.6	4.8
Projected	2021	5.9	4.5	3.3	3.6	4.8	5.2	5.4	4.9	4.7	4.0	3.4	4.3	5.9	4.9
	2022	6.1	4.6	3.4	3.7	4.9	5.3	5.5	5.0	4.8	4.1	3.5	4.3	6.1	5.0
	2023	6.2	4.7	3.5	3.7	5.0	5.4	5.6	5.0	4.8	4.1	3.5	4.4	6.2	5.0
	2024	6.2	4.8	3.5	3.8	5.1	5.5	5.6	5.1	4.9	4.2	3.6	4.4	6.2	5.1
	2025	6.3	4.8	3.6	3.8	5.1	5.5	5.7	5.1	4.9	4.2	3.6	4.5	6.3	5.1
	2026	6.4	4.9	3.6	3.9	5.2	5.6	5.7	5.2	5.0	4.2	3.6	4.5	6.4	5.2
	2027	6.4	4.9	3.6	3.9	5.2	5.6	5.8	5.2	5.0	4.3	3.6	4.5	6.4	5.2
	2028	6.5	5.0	3.6	3.9	5.3	5.7	5.8	5.3	5.1	4.3	3.7	4.6	6.5	5.3
	2029	6.6	5.0	3.7	4.0	5.3	5.7	5.9	5.3	5.1	4.4	3.7	4.7	6.6	5.3
	2030	6.6	5.1	3.7	4.0	5.4	5.8	6.0	5.4	5.2	4.4	3.8	4.7	6.6	5.4
Projected	2031	6.7	5.1	3.8	4.1	5.4	5.8	6.0	5.4	5.2	4.5	3.8	4.7	6.7	5.4
	2032	6.8	5.2	3.8	4.1	5.5	5.9	6.1	5.5	5.3	4.5	3.9	4.8	6.8	5.5
	2033	6.9	5.3	3.9	4.1	5.6	6.0	6.2	5.6	5.4	4.6	3.9	4.9	6.9	5.6
	2034	7.0	5.3	3.9	4.2	5.6	6.1	6.3	5.6	5.4	4.6	4.0	4.9	7.0	5.6
	2035	7.0	5.4	4.0	4.2	5.7	6.1	6.3	5.7	5.5	4.7	4.0	5.0	7.0	5.7
	2036	7.1	5.4	4.0	4.3	5.7	6.2	6.4	5.8	5.5	4.7	4.0	5.0	7.1	5.8
	2037	7.2	5.5	4.0	4.3	5.8	6.2	6.5	5.8	5.6	4.8	4.1	5.1	7.2	5.8
	2038	7.3	5.6	4.1	4.4	5.9	6.3	6.5	5.9	5.7	4.8	4.1	5.1	7.3	5.9
	2039	7.3	5.6	4.1	4.4	5.9	6.4	6.6	5.9	5.7	4.9	4.2	5.2	7.3	5.9
	2040	7.4	5.7	4.2	4.5	6.0	6.4	6.6	6.0	5.8	4.9	4.2	5.3	7.4	6.0

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	100.0%	86.9%	67.7%	100.0%	98.4%	95.3%	90.3%	100.0%	77.0%	82.5%	66.7%	59.4%	96.8%	96.8%
	2012	98.8%	93.6%	84.1%	73.5%	96.2%	95.2%	85.2%	69.6%	65.1%	72.7%	65.9%	100.0%	96.2%	85.2%
	2013	100.0%	95.7%	100.0%	81.0%	92.0%	94.4%	96.5%	87.9%	98.1%	96.7%	52.2%	59.0%	96.4%	83.4%
	2014	84.2%	99.4%	93.2%	100.0%	97.0%	88.4%	97.8%	82.5%	88.3%	71.1%	95.7%	91.8%	84.2%	82.5%
	2015	97.4%	100.0%	66.1%	93.9%	99.0%	79.9%	91.9%	94.6%	82.1%	91.8%	77.2%	55.9%	96.6%	79.9%
	2016	88.4%	96.4%	96.1%	100.0%	100.0%	94.9%	97.0%	94.7%	93.8%	80.5%	75.3%	57.9%	50.6%	97.0%
	2017	93.0%	60.9%	69.4%	96.4%	84.0%	88.4%	97.0%	65.0%	85.9%	97.4%	74.8%	97.3%	53.8%	65.0%
	2018	99.1%	56.8%	56.6%	69.4%	90.6%	86.9%	66.9%	98.9%	92.4%	100.0%	52.6%	94.4%	99.1%	90.5%
	2019	68.5%	61.5%	54.2%	96.9%	96.9%	98.0%	97.3%	75.7%	93.5%	47.6%	50.5%	56.0%	47.7%	97.0%
	2020	100.0%	39.2%	83.5%	100.0%	95.8%	88.3%	95.5%	90.8%	96.1%	84.0%	67.8%	77.0%	62.9%	87.0%
Projected	2021	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.1%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2022	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2023	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2024	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2025	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2026	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2027	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2028	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2029	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2030	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2011-2020	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	86.0%	87.2%	82.4%	67.9%	74.9%	78.4%	86.4%
	2021-2030	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%

FMPA 2021 Load Forecast - High Economic Case - Havana

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service						TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	13,929		1,105		12,602		11,284		262		43.2		25,213		1,311	4.9%	26,524	
	2012	12,131	-12.9%	1,100	-0.5%	11,032	-12.5%	10,538	-6.6%	263	0.5%	40.1	-7.1%	22,669	-10.1%	1,261	5.3%	23,930	-9.8%
	2013	12,395	2.2%	1,104	0.3%	11,232	1.8%	10,844	2.9%	263	0.1%	41.2	2.8%	23,239	2.5%	1,346	5.5%	24,585	2.7%
	2014	13,182	6.3%	1,102	-0.1%	11,959	6.5%	10,739	-1.0%	270	2.6%	39.8	-3.5%	23,921	2.9%	1,255	5.0%	25,176	2.4%
	2015	13,446	2.0%	1,115	1.1%	12,065	0.9%	11,020	2.6%	298	10.3%	37.0	-7.0%	24,466	2.3%	1,305	5.1%	25,771	2.4%
	2016	13,129	-2.4%	1,122	0.6%	11,706	-3.0%	10,311	-6.4%	320	7.4%	32.2	-12.9%	23,440	-4.2%	1,485	6.0%	24,925	-3.3%
	2017	12,617	-3.9%	1,134	1.1%	11,123	-5.0%	9,887	-4.1%	316	-1.1%	31.3	-3.0%	22,504	-4.0%	1,130	4.8%	23,634	-5.2%
	2018	13,908	10.2%	1,139	0.4%	12,213	9.8%	10,199	3.2%	317	0.1%	32.2	3.0%	24,107	7.1%	1,295	5.1%	25,402	7.5%
	2019	13,868	-0.3%	1,138	0.0%	12,182	-0.3%	10,250	0.5%	311	-1.8%	32.9	2.3%	24,118	0.0%	1,519	5.9%	25,637	0.9%
	2020	13,963	0.7%	1,166	2.5%	11,972	-1.7%	9,630	-6.0%	291	-6.6%	33.1	0.6%	23,593	-2.2%	1,128	4.6%	24,721	-3.6%
Projected	2021	14,764	5.7%	1,206	3.4%	12,244	2.3%	9,277	-3.7%	260	-10.6%	35.7	7.7%	24,041	1.9%	1,399	5.5%	25,440	2.9%
	2022	15,067	2.1%	1,223	1.4%	12,321	0.6%	9,534	2.8%	266	2.3%	35.8	0.5%	24,601	2.3%	1,439	5.5%	26,040	2.4%
	2023	15,297	1.5%	1,235	1.0%	12,384	0.5%	9,670	1.4%	269	1.0%	36.0	0.4%	24,967	1.5%	1,462	5.5%	26,429	1.5%
	2024	15,544	1.6%	1,245	0.8%	12,482	0.8%	9,783	1.2%	271	0.8%	36.1	0.4%	25,327	1.4%	1,539	5.7%	26,866	1.7%
	2025	15,694	1.0%	1,254	0.7%	12,518	0.3%	9,889	1.1%	273	0.7%	36.2	0.3%	25,582	1.0%	1,500	5.5%	27,082	0.8%
	2026	15,817	0.8%	1,261	0.6%	12,547	0.2%	9,987	1.0%	275	0.7%	36.4	0.3%	25,804	0.9%	1,513	5.5%	27,317	0.9%
	2027	15,969	1.0%	1,267	0.5%	12,603	0.4%	10,091	1.0%	276	0.6%	36.5	0.4%	26,060	1.0%	1,528	5.5%	27,587	1.0%
	2028	16,121	1.0%	1,273	0.4%	12,667	0.5%	10,197	1.1%	278	0.6%	36.7	0.5%	26,318	1.0%	1,599	5.7%	27,917	1.2%
	2029	16,291	1.1%	1,278	0.4%	12,751	0.7%	10,302	1.0%	280	0.6%	36.8	0.4%	26,593	1.0%	1,559	5.5%	28,152	0.8%
	2030	16,476	1.1%	1,282	0.4%	12,850	0.8%	10,404	1.0%	281	0.6%	37.0	0.4%	26,880	1.1%	1,576	5.5%	28,456	1.1%
	2031	16,674	1.2%	1,286	0.3%	12,962	0.9%	10,505	1.0%	283	0.5%	37.2	0.4%	27,179	1.1%	1,593	5.5%	28,773	1.1%
	2032	16,876	1.2%	1,291	0.3%	13,077	0.9%	10,611	1.0%	284	0.5%	37.3	0.5%	27,487	1.1%	1,670	5.7%	29,157	1.3%
	2033	17,088	1.3%	1,294	0.3%	13,204	1.0%	10,718	1.0%	286	0.5%	37.5	0.5%	27,806	1.2%	1,630	5.5%	29,436	1.0%
	2034	17,312	1.3%	1,297	0.3%	13,344	1.1%	10,824	1.0%	287	0.5%	37.7	0.5%	28,136	1.2%	1,650	5.5%	29,786	1.2%
	2035	17,534	1.3%	1,301	0.2%	13,483	1.0%	10,930	1.0%	289	0.5%	37.9	0.5%	28,464	1.2%	1,669	5.5%	30,132	1.2%
	2036	17,745	1.2%	1,304	0.2%	13,612	1.0%	11,034	1.0%	290	0.5%	38.0	0.5%	28,778	1.1%	1,748	5.7%	30,527	1.3%
	2037	17,950	1.2%	1,307	0.2%	13,738	0.9%	11,136	0.9%	292	0.5%	38.2	0.4%	29,085	1.1%	1,705	5.5%	30,790	0.9%
	2038	18,146	1.1%	1,309	0.2%	13,859	0.9%	11,234	0.9%	293	0.5%	38.4	0.4%	29,380	1.0%	1,722	5.5%	31,102	1.0%
	2039	18,350	1.1%	1,312	0.2%	13,987	0.9%	11,333	0.9%	294	0.5%	38.5	0.4%	29,682	1.0%	1,740	5.5%	31,422	1.0%
	2040	18,548	1.1%	1,314	0.2%	14,111	0.9%	11,431	0.9%	296	0.5%	38.7	0.4%	29,978	1.0%	1,821	5.7%	31,800	1.2%
CAGR	2011-2020		0.0%		0.6%		-0.6%		-1.7%		1.2%		-2.9%		-0.7%		5.2%		-0.8%
	2021-2030		1.2%		0.7%		0.5%		1.3%		0.9%		0.4%		1.2%		5.6%		1.3%
	2031-2040		1.2%		0.2%		0.9%		0.9%		0.5%		0.4%		1.1%		5.6%		1.1%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - Mild Weather Case

Havana

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	26,524	-	25,146	-	-5.2%	6.2	-	6.5	-	4.5%	6.0	-	4.7		-21.4%
	2012	23,930	-9.8%	24,575	-2.3%	2.7%	5.5	-11.1%	5.2	-19.5%	-5.4%	4.9	-18.6%	4.5	-3.0%	-6.4%
	2013	24,585	2.7%	25,155	2.4%	2.3%	5.1	-8.7%	6.0	13.6%	17.7%	4.7	-3.8%	4.8	5.3%	2.5%
	2014	25,176	2.4%	25,021	-0.5%	-0.6%	5.4	6.6%	6.1	2.9%	13.6%	4.8	3.1%	5.1	7.5%	6.8%
	2015	25,771	2.4%	24,822	-0.8%	-3.7%	6.0	11.5%	6.9	12.4%	14.6%	4.6	-3.7%	5.9	15.4%	28.0%
	2016	24,925	-3.3%	24,702	-0.5%	-0.9%	3.1	-47.7%	6.1	-12.0%	92.9%	5.5	18.4%	5.0	-15.0%	-8.2%
	2017	23,634	-5.2%	24,620	-0.3%	4.2%	3.3	5.4%	6.0	-1.6%	80.2%	3.7	-32.4%	4.3	-15.1%	15.3%
	2018	25,402	7.5%	25,274	2.7%	-0.5%	6.9	108.6%	6.4	8.0%	-6.7%	5.2	39.3%	5.1	18.7%	-1.7%
	2019	25,637	0.9%	25,203	-0.3%	-1.7%	2.8	-60.1%	5.6	-13.1%	103.3%	5.5	7.3%	5.1	1.4%	-7.1%
	2020	24,721	-3.6%	25,123	-0.3%	1.6%	3.6	30.9%	7.1	27.0%	97.2%	4.8	-12.7%	6.3	23.3%	31.2%
Projected	2021	23,738	-4.0%	23,738	-5.5%		5.2	44.8%	5.2	-26.6%		4.5	-6.8%	4.5	-29.0%	
	2022			23,865	0.5%				5.3	0.8%				4.5	0.7%	
	2023			23,914	0.2%				5.3	0.2%				4.5	0.1%	
	2024			24,007	0.4%				5.3	-0.1%				4.6	0.1%	
	2025			23,980	-0.1%				5.3	0.4%				4.6	0.1%	
	2026			24,012	0.1%				5.3	0.1%				4.6	0.2%	
	2027			24,091	0.3%				5.3	0.3%				4.6	0.4%	
	2028			24,232	0.6%				5.3	0.0%				4.6	0.4%	
	2029			24,308	0.3%				5.4	0.8%				4.6	0.5%	
	2030			24,444	0.6%				5.4	0.5%				4.7	0.6%	
	2031			24,599	0.6%				5.4	0.6%				4.7	0.6%	
	2032			24,809	0.9%				5.4	0.3%				4.7	0.7%	
	2033			24,943	0.5%				5.5	1.1%				4.7	0.7%	
	2034			25,136	0.8%				5.5	0.8%				4.8	0.8%	
	2035			25,326	0.8%				5.6	0.8%				4.8	0.7%	
	2036			25,553	0.9%				5.6	0.4%				4.9	0.7%	
	2037			25,684	0.5%				5.7	1.1%				4.9	0.7%	
	2038			25,854	0.7%				5.7	0.6%				4.9	0.7%	
	2039			26,031	0.7%				5.7	0.7%				5.0	0.7%	
	2040			26,253	0.9%				5.8	0.3%				5.0	0.7%	
CAGR [3]	2011-2020		-0.8%		0.0%			-5.9%		1.0%			-2.3%		3.4%	
	2021-2030				0.3%					0.3%					0.3%	
	2031-2040				0.7%					0.7%					0.7%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Havana

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	26,524	-	26,524	-	6.4	6.2	6.4	6.2	6.2	6.0	6.2	6.0
	2012	23,930	-9.8%	23,930	-9.8%	5.8	5.7	5.8	5.7	5.5	4.9	5.5	4.9
	2013	24,585	2.7%	24,585	2.7%	5.3	5.6	5.3	5.6	5.1	4.7	5.1	4.7
	2014	25,176	2.4%	25,176	2.4%	6.4	5.8	6.4	5.8	5.4	4.8	5.4	4.8
	2015	25,771	2.4%	25,771	2.4%	6.2	5.8	6.2	5.8	6.0	4.6	6.0	4.6
	2016	24,925	-3.3%	24,925	-3.3%	6.2	5.7	6.2	5.7	3.1	5.5	3.1	5.5
	2017	23,634	-5.2%	23,634	-5.2%	6.2	5.7	6.2	5.7	3.3	3.7	3.3	3.7
	2018	25,402	7.5%	25,402	7.5%	7.0	5.7	7.0	5.7	6.9	5.2	6.9	5.2
	2019	25,637	0.9%	25,637	0.9%	5.8	5.7	5.8	5.7	2.8	5.5	2.8	5.5
	2020	24,721	-3.6%	24,293	-5.2%	5.7	5.6	5.6	5.5	3.6	4.8	5.2	4.5
Projected	2021	23,738	-4.0%	24,086	-0.9%	5.6	5.5	5.7	5.5	5.2	4.5	5.3	4.5
	2022	23,865	0.5%	24,124	0.2%	5.7	5.5	5.7	5.5	5.3	4.5	5.3	4.5
	2023	23,914	0.2%	24,174	0.2%	5.7	5.5	5.7	5.5	5.3	4.5	5.3	4.5
	2024	24,007	0.4%	24,261	0.4%	5.7	5.5	5.7	5.5	5.3	4.6	5.3	4.5
	2025	23,980	-0.1%	24,262	0.0%	5.7	5.5	5.7	5.6	5.3	4.6	5.3	4.5
	2026	24,012	0.1%	24,325	0.3%	5.7	5.5	5.7	5.6	5.3	4.6	5.3	4.5
	2027	24,091	0.3%	24,400	0.3%	5.7	5.5	5.7	5.6	5.3	4.6	5.3	4.5
	2028	24,232	0.6%	24,509	0.4%	5.7	5.6	5.7	5.6	5.3	4.6	5.3	4.5
	2029	24,308	0.3%	24,518	0.0%	5.8	5.6	5.8	5.6	5.4	4.6	5.4	4.6
	2030	24,444	0.6%	24,574	0.2%	5.8	5.6	5.8	5.6	5.4	4.7	5.4	4.6
	2031	24,599	0.6%	24,649	0.3%	5.8	5.7	5.8	5.6	5.4	4.7	5.4	4.6
	2032	24,809	0.9%	24,774	0.5%	5.8	5.7	5.8	5.7	5.4	4.7	5.4	4.6
	2033	24,943	0.5%	24,809	0.1%	5.9	5.7	5.8	5.7	5.5	4.7	5.4	4.6
	2034	25,136	0.8%	24,889	0.3%	6.0	5.8	5.9	5.7	5.5	4.8	5.4	4.6
	2035	25,326	0.8%	24,961	0.3%	6.0	5.8	5.9	5.7	5.6	4.8	5.4	4.6
	2036	25,553	0.9%	25,072	0.4%	6.0	5.9	5.9	5.7	5.6	4.9	5.4	4.6
	2037	25,684	0.5%	25,086	0.1%	6.1	5.9	5.9	5.7	5.7	4.9	5.5	4.7
	2038	25,854	0.7%	25,136	0.2%	6.1	5.9	5.9	5.8	5.7	4.9	5.5	4.7
	2039	26,031	0.7%	25,188	0.2%	6.2	6.0	5.9	5.8	5.7	5.0	5.5	4.7
	2040	26,253	0.9%			6.2	6.0			5.8	5.0		
CAGR[1]	Historical		-0.8%		-0.4%	-1.3%	-1.1%	-1.4%	-0.9%	-5.2%	0.0%	-9.5%	1.9%
	1st 10 Prj Yrs		0.3%		0.1%	0.3%	0.3%	0.2%	0.2%	0.3%	0.3%	0.2%	0.2%
	2nd 10 Prj Yrs		0.7%		0.3%	0.7%	0.7%	0.3%	0.3%	0.7%	0.7%	0.3%	0.3%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Havana

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	26,524	-	25,146	-	-5.2%	6.2	-	6.5	-	4.5%	6.0	-	4.7		-21.4%
	2012	23,930	-9.8%	24,575	-2.3%	2.7%	5.5	-11.1%	5.2	-19.5%	-5.4%	4.9	-18.6%	4.5	-3.0%	-6.4%
	2013	24,585	2.7%	25,155	2.4%	2.3%	5.1	-8.7%	6.0	13.6%	17.7%	4.7	-3.8%	4.8	5.3%	2.5%
	2014	25,176	2.4%	25,021	-0.5%	-0.6%	5.4	6.6%	6.1	2.9%	13.6%	4.8	3.1%	5.1	7.5%	6.8%
	2015	25,771	2.4%	24,822	-0.8%	-3.7%	6.0	11.5%	6.9	12.4%	14.6%	4.6	-3.7%	5.9	15.4%	28.0%
	2016	24,925	-3.3%	24,702	-0.5%	-0.9%	3.1	-47.7%	6.1	-12.0%	92.9%	5.5	18.4%	5.0	-15.0%	-8.2%
	2017	23,634	-5.2%	24,620	-0.3%	4.2%	3.3	5.4%	6.0	-1.6%	80.2%	3.7	-32.4%	4.3	-15.1%	15.3%
	2018	25,402	7.5%	25,274	2.7%	-0.5%	6.9	108.6%	6.4	8.0%	-6.7%	5.2	39.3%	5.1	18.7%	-1.7%
	2019	25,637	0.9%	25,203	-0.3%	-1.7%	2.8	-60.1%	5.6	-13.1%	103.3%	5.5	7.3%	5.1	1.4%	-7.1%
	2020	24,721	-3.6%	24,800	-1.6%	0.3%	3.6	30.9%	7.1	27.0%	97.2%	4.8	-12.7%	6.3	23.3%	31.2%
Projected	2021	23,726	-4.0%	23,726	-4.3%		5.2	44.8%	5.2	-26.6%		4.5	-6.9%	4.5	-29.0%	
	2022			23,841	0.5%				5.3	0.8%				4.5	0.6%	
	2023			23,877	0.2%				5.3	0.2%				4.5	0.1%	
	2024			23,958	0.3%				5.3	-0.1%				4.5	0.1%	
	2025			23,918	-0.2%				5.3	0.4%				4.5	0.0%	
	2026			23,938	0.1%				5.3	0.1%				4.5	0.1%	
	2027			24,006	0.3%				5.3	0.3%				4.6	0.3%	
	2028			24,135	0.5%				5.3	0.0%				4.6	0.4%	
	2029			24,199	0.3%				5.4	0.8%				4.6	0.5%	
	2030			24,323	0.5%				5.4	0.5%				4.6	0.5%	
	2031			24,466	0.6%				5.4	0.6%				4.7	0.6%	
	2032			24,664	0.8%				5.4	0.3%				4.7	0.6%	
	2033			24,787	0.5%				5.5	1.1%				4.7	0.7%	
	2034			25,018	0.9%				5.5	0.8%				4.8	1.0%	
	2035			25,196	0.7%				5.6	0.8%				4.8	0.7%	
	2036			25,411	0.9%				5.6	0.4%				4.8	0.7%	
	2037			25,531	0.5%				5.7	1.1%				4.9	0.6%	
	2038			25,689	0.6%				5.7	0.6%				4.9	0.6%	
	2039			25,855	0.6%				5.7	0.7%				4.9	0.6%	
	2040			26,065	0.8%				5.8	0.3%				4.9	0.6%	
CAGR [3]	2011-2020		-0.8%		-0.2%			-5.9%		1.0%			-2.3%		3.4%	
	2021-2030				0.3%					0.3%					0.3%	
	2031-2040				0.7%					0.7%					0.7%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Havana

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	26,524	-	25,146	-	-5.2%	6.4	-	47.0%	6.2	-	49.2%
	2012	23,930	-9.8%	24,575	-2.3%	2.7%	5.8	-10.5%	47.4%	5.7	-7.6%	48.0%
	2013	24,585	2.7%	25,155	2.4%	2.3%	5.3	-8.9%	53.5%	5.6	-1.6%	50.1%
	2014	25,176	2.4%	25,021	-0.5%	-0.6%	6.4	22.1%	44.8%	5.8	4.1%	49.3%
	2015	25,771	2.4%	24,822	-0.8%	-3.7%	6.2	-2.9%	47.2%	5.8	-0.5%	50.7%
	2016	24,925	-3.3%	24,702	-0.5%	-0.9%	6.2	-0.2%	45.8%	5.7	-2.5%	50.3%
	2017	23,634	-5.2%	24,620	-0.3%	4.2%	6.2	-0.9%	43.8%	5.7	0.8%	47.3%
	2018	25,402	7.5%	25,274	2.7%	-0.5%	7.0	13.2%	41.6%	5.7	0.1%	50.8%
	2019	25,637	0.9%	25,203	-0.3%	-1.7%	5.8	-17.2%	50.7%	5.7	0.0%	51.2%
	2020	24,721	-3.6%	24,800	-1.6%	0.3%	5.7	-0.6%	49.2%	5.6	-2.7%	50.7%
Projected	2021	23,726	-4.0%	23,726	-4.3%		5.6	-2.1%	48.2%	5.4	-2.0%	49.7%
	2022	23,841	0.5%	23,841	0.5%		5.7	0.8%	48.0%	5.5	0.6%	49.6%
	2023	23,877	0.2%	23,877	0.2%		5.7	0.2%	48.0%	5.5	0.1%	49.7%
	2024	23,958	0.3%	23,958	0.3%		5.7	-0.1%	48.2%	5.5	0.1%	49.8%
	2025	23,918	-0.2%	23,918	-0.2%		5.7	0.4%	47.9%	5.5	0.0%	49.7%
	2026	23,938	0.1%	23,938	0.1%		5.7	0.1%	47.9%	5.5	0.1%	49.7%
	2027	24,006	0.3%	24,006	0.3%		5.7	0.3%	47.9%	5.5	0.3%	49.7%
	2028	24,135	0.5%	24,135	0.5%		5.7	0.0%	48.2%	5.5	0.4%	49.8%
	2029	24,199	0.3%	24,199	0.3%		5.8	0.8%	47.9%	5.6	0.5%	49.7%
	2030	24,323	0.5%	24,323	0.5%		5.8	0.5%	47.9%	5.6	0.5%	49.6%
	2031	24,466	0.6%	24,466	0.6%		5.8	0.6%	47.9%	5.6	0.6%	49.6%
	2032	24,664	0.8%	24,664	0.8%		5.8	0.3%	48.1%	5.7	0.6%	49.7%
	2033	24,787	0.5%	24,787	0.5%		5.9	1.1%	47.9%	5.7	0.7%	49.6%
	2034	25,018	0.9%	25,018	0.9%		6.0	0.8%	47.9%	5.8	0.9%	49.6%
	2035	25,196	0.7%	25,196	0.7%		6.0	0.8%	47.9%	5.8	0.7%	49.6%
	2036	25,411	0.9%	25,411	0.9%		6.0	0.4%	48.2%	5.8	0.7%	49.7%
	2037	25,531	0.5%	25,531	0.5%		6.1	1.1%	47.9%	5.9	0.6%	49.6%
	2038	25,689	0.6%	25,689	0.6%		6.1	0.6%	47.9%	5.9	0.6%	49.6%
	2039	25,855	0.6%	25,855	0.6%		6.2	0.7%	47.8%	5.9	0.6%	49.6%
	2040	26,065	0.8%	26,065	0.8%		6.2	0.3%	48.1%	6.0	0.6%	49.7%
CAGR [1]	2011-2020		-0.8%		-0.2%			-1.3%	47.1%		-1.1%	49.8%
	2021-2030		0.3%		0.3%			0.3%	48.0%		0.3%	49.7%
	2031-2040		0.7%		0.7%			0.7%	48.0%		0.7%	49.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Havana

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	2,626	1,850	1,661	1,724	2,125	2,655	2,591	2,834	2,145	1,679	1,698	1,958	25,549	26,524
	2012	2,027	1,761	1,690	1,671	2,128	2,207	2,563	2,399	2,150	1,795	1,808	2,055	24,252	23,930
	2013	1,931	1,843	2,040	1,652	1,968	2,452	2,302	2,498	2,243	1,813	1,782	2,016	24,538	24,585
	2014	2,663	1,797	1,788	1,598	1,973	2,377	2,503	2,670	2,196	1,766	2,002	2,056	25,388	25,176
	2015	2,306	2,194	1,728	1,693	2,145	2,419	2,752	2,612	2,102	1,753	1,740	1,832	25,274	25,771
	2016	2,385	1,968	1,658	1,604	2,018	2,443	2,668	2,598	2,259	1,813	1,651	1,905	24,968	24,925
	2017	1,965	1,518	1,731	1,710	2,019	2,132	2,534	2,545	2,111	1,948	1,692	2,219	24,125	23,634
	2018	2,765	1,550	1,768	1,563	2,064	2,467	2,514	2,428	2,425	1,785	1,872	2,183	25,382	25,402
	2019	2,320	1,572	1,758	1,644	2,283	2,469	2,592	2,642	2,518	2,002	1,809	2,008	25,617	25,637
	2020	2,041	1,848	1,785	1,643	1,987	2,334	2,622	2,558	2,082	1,741	1,671	2,129	24,443	24,721
Projected	2021	2,041	1,464	1,862	1,505	2,054	2,346	2,444	2,330	2,139	1,685	1,688	2,121	23,679	23,726
	2022	2,086	1,472	1,899	1,499	2,072	2,368	2,456	2,327	2,167	1,686	1,698	2,121	23,851	23,841
	2023	2,096	1,472	1,908	1,496	2,076	2,370	2,455	2,325	2,174	1,685	1,701	2,125	23,884	23,877
	2024	2,104	1,518	1,913	1,499	2,081	2,373	2,458	2,325	2,175	1,685	1,702	2,125	23,959	23,958
	2025	2,104	1,475	1,913	1,499	2,082	2,374	2,458	2,325	2,175	1,685	1,703	2,126	23,920	23,918
	2026	2,104	1,475	1,914	1,500	2,085	2,376	2,461	2,328	2,179	1,689	1,707	2,131	23,951	23,938
	2027	2,110	1,480	1,920	1,504	2,092	2,384	2,469	2,335	2,186	1,694	1,713	2,139	24,024	24,006
	2028	2,117	1,529	1,926	1,509	2,100	2,392	2,478	2,344	2,194	1,701	1,720	2,148	24,158	24,135
	2029	2,126	1,492	1,935	1,516	2,109	2,403	2,489	2,355	2,204	1,709	1,728	2,159	24,225	24,199
	2030	2,137	1,499	1,944	1,523	2,120	2,416	2,502	2,368	2,217	1,718	1,738	2,172	24,356	24,323
Projected	2031	2,150	1,508	1,956	1,532	2,133	2,430	2,517	2,382	2,230	1,729	1,749	2,185	24,500	24,466
	2032	2,164	1,562	1,968	1,541	2,147	2,446	2,533	2,397	2,244	1,740	1,760	2,200	24,702	24,664
	2033	2,178	1,528	1,981	1,552	2,161	2,463	2,551	2,414	2,260	1,756	1,777	2,219	24,839	24,787
	2034	2,197	1,541	2,000	1,567	2,181	2,486	2,575	2,437	2,281	1,769	1,790	2,236	25,060	25,018
	2035	2,214	1,553	2,014	1,578	2,197	2,503	2,593	2,453	2,297	1,781	1,801	2,251	25,235	25,196
	2036	2,229	1,610	2,027	1,588	2,212	2,520	2,610	2,470	2,312	1,793	1,814	2,267	25,452	25,411
	2037	2,244	1,574	2,041	1,598	2,226	2,536	2,627	2,485	2,326	1,803	1,824	2,281	25,567	25,531
	2038	2,258	1,584	2,053	1,608	2,240	2,552	2,643	2,501	2,341	1,815	1,836	2,296	25,728	25,689
	2039	2,274	1,595	2,066	1,618	2,254	2,568	2,660	2,517	2,356	1,826	1,848	2,311	25,892	25,855
	2040	2,288	1,652	2,079	1,628	2,268	2,584	2,677	2,532	2,370	1,838	1,859	2,326	26,103	26,065

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	10.3%	7.2%	6.5%	6.7%	8.3%	10.4%	10.1%	11.1%	8.4%	6.6%	6.6%	7.7%	100.0%
	2012	8.4%	7.3%	7.0%	6.9%	8.8%	9.1%	10.6%	9.9%	8.9%	7.4%	7.5%	8.5%	100.0%
	2013	7.9%	7.5%	8.3%	6.7%	8.0%	10.0%	9.4%	10.2%	9.1%	7.4%	7.3%	8.2%	100.0%
	2014	10.5%	7.1%	7.0%	6.3%	7.8%	9.4%	9.9%	10.5%	8.7%	7.0%	7.9%	8.1%	100.0%
	2015	9.1%	8.7%	6.8%	6.7%	8.5%	9.6%	10.9%	10.3%	8.3%	6.9%	6.9%	7.2%	100.0%
	2016	9.6%	7.9%	6.6%	6.4%	8.1%	9.8%	10.7%	10.4%	9.0%	7.3%	6.6%	7.6%	100.0%
	2017	8.1%	6.3%	7.2%	7.1%	8.4%	8.8%	10.5%	10.5%	8.8%	8.1%	7.0%	9.2%	100.0%
	2018	10.9%	6.1%	7.0%	6.2%	8.1%	9.7%	9.9%	9.6%	9.6%	7.0%	7.4%	8.6%	100.0%
	2019	9.1%	6.1%	6.9%	6.4%	8.9%	9.6%	10.1%	10.3%	9.8%	7.8%	7.1%	7.8%	100.0%
	2020	8.4%	7.6%	7.3%	6.7%	8.1%	9.6%	10.7%	10.5%	8.5%	7.1%	6.8%	8.7%	100.0%
Projected	2021	8.6%	6.2%	7.9%	6.4%	8.7%	9.9%	10.3%	9.8%	9.0%	7.1%	7.1%	9.0%	100.0%
	2022	8.7%	6.2%	8.0%	6.3%	8.7%	9.9%	10.3%	9.8%	9.1%	7.1%	7.1%	8.9%	100.0%
	2023	8.8%	6.2%	8.0%	6.3%	8.7%	9.9%	10.3%	9.7%	9.1%	7.1%	7.1%	8.9%	100.0%
	2024	8.8%	6.3%	8.0%	6.3%	8.7%	9.9%	10.3%	9.7%	9.1%	7.0%	7.1%	8.9%	100.0%
	2025	8.8%	6.2%	8.0%	6.3%	8.7%	9.9%	10.3%	9.7%	9.1%	7.0%	7.1%	8.9%	100.0%
	2026	8.8%	6.2%	8.0%	6.3%	8.7%	9.9%	10.3%	9.7%	9.1%	7.1%	7.1%	8.9%	100.0%
	2027	8.8%	6.2%	8.0%	6.3%	8.7%	9.9%	10.3%	9.7%	9.1%	7.1%	7.1%	8.9%	100.0%
	2028	8.8%	6.3%	8.0%	6.2%	8.7%	9.9%	10.3%	9.7%	9.1%	7.0%	7.1%	8.9%	100.0%
	2029	8.8%	6.2%	8.0%	6.3%	8.7%	9.9%	10.3%	9.7%	9.1%	7.1%	7.1%	8.9%	100.0%
	2030	8.8%	6.2%	8.0%	6.3%	8.7%	9.9%	10.3%	9.7%	9.1%	7.1%	7.1%	8.9%	100.0%
Avg.	2011-2020	9.2%	7.2%	7.1%	6.6%	8.3%	9.6%	10.3%	10.3%	8.9%	7.3%	7.1%	8.2%	100.0%
	2021-2030	8.8%	6.2%	8.0%	6.3%	8.7%	9.9%	10.3%	9.7%	9.1%	7.1%	7.1%	8.9%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Mild Weather Case

Havana

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	6.4	5.3	3.9	4.2	5.2	6.2	5.7	6.0	5.2	3.5	4.2	4.7	6.4	6.2
	2012	5.6	5.8	3.6	4.5	5.1	5.6	5.7	5.4	5.1	4.2	4.3	5.1	5.8	5.7
	2013	4.8	5.3	5.1	3.5	4.7	5.6	5.2	5.3	5.3	4.4	5.0	4.8	5.3	5.6
	2014	6.4	5.0	4.3	3.6	4.7	5.5	5.6	5.8	5.4	4.4	5.8	5.1	6.4	5.8
	2015	6.2	6.0	4.2	3.8	5.0	5.8	5.7	5.6	5.0	4.2	4.1	5.0	6.2	5.8
	2016	6.2	5.6	3.6	4.2	4.9	5.6	5.7	5.4	5.0	4.6	3.8	4.9	6.2	5.7
	2017	6.2	4.0	4.8	4.0	4.9	5.1	5.5	5.7	4.8	4.5	3.9	5.9	6.2	5.7
	2018	7.0	4.8	4.7	3.2	4.8	5.7	5.5	5.2	5.3	5.0	5.2	5.8	7.0	5.7
	2019	5.7	4.3	4.9	3.8	5.5	5.7	5.7	5.6	5.7	5.4	4.8	5.3	5.8	5.7
	2020	5.7	5.5	4.3	4.3	4.7	5.5	5.6	5.6	5.4	4.5	4.3	4.8	5.7	5.6
Projected	2021	5.6	5.0	3.8	3.7	4.7	5.3	5.4	5.2	5.0	4.4	4.4	4.8	5.6	5.4
	2022	5.7	5.1	3.8	3.7	4.8	5.3	5.5	5.2	5.0	4.4	4.4	4.8	5.7	5.5
	2023	5.7	5.1	3.8	3.7	4.8	5.4	5.5	5.2	5.0	4.4	4.4	4.8	5.7	5.5
	2024	5.7	5.1	3.8	3.7	4.8	5.4	5.5	5.2	5.0	4.4	4.4	4.8	5.7	5.5
	2025	5.7	5.1	3.9	3.7	4.8	5.4	5.5	5.2	5.0	4.4	4.4	4.8	5.7	5.5
	2026	5.7	5.1	3.9	3.7	4.8	5.4	5.5	5.2	5.0	4.4	4.4	4.8	5.7	5.5
	2027	5.7	5.1	3.9	3.7	4.8	5.4	5.5	5.2	5.0	4.4	4.4	4.8	5.7	5.5
	2028	5.7	5.1	3.9	3.7	4.8	5.4	5.5	5.3	5.1	4.5	4.4	4.9	5.7	5.5
	2029	5.8	5.2	3.9	3.8	4.8	5.4	5.6	5.3	5.1	4.5	4.5	4.9	5.8	5.6
	2030	5.8	5.2	3.9	3.8	4.9	5.5	5.6	5.3	5.1	4.5	4.5	4.9	5.8	5.6
Projected	2031	5.8	5.2	3.9	3.8	4.9	5.5	5.6	5.3	5.1	4.5	4.5	4.9	5.8	5.6
	2032	5.8	5.3	4.0	3.8	4.9	5.5	5.7	5.4	5.2	4.6	4.5	5.0	5.8	5.7
	2033	5.9	5.3	4.0	3.9	5.0	5.6	5.7	5.4	5.2	4.6	4.6	5.0	5.9	5.7
	2034	6.0	5.4	4.0	3.9	5.0	5.6	5.8	5.5	5.3	4.6	4.6	5.1	6.0	5.8
	2035	6.0	5.4	4.1	3.9	5.0	5.7	5.8	5.5	5.3	4.7	4.6	5.1	6.0	5.8
	2036	6.0	5.4	4.1	3.9	5.1	5.7	5.8	5.5	5.3	4.7	4.7	5.1	6.0	5.8
	2037	6.1	5.5	4.1	4.0	5.1	5.7	5.9	5.6	5.4	4.7	4.7	5.2	6.1	5.9
	2038	6.1	5.5	4.1	4.0	5.1	5.8	5.9	5.6	5.4	4.8	4.7	5.2	6.1	5.9
	2039	6.2	5.5	4.2	4.0	5.2	5.8	5.9	5.6	5.4	4.8	4.8	5.2	6.2	5.9
	2040	6.2	5.6	4.2	4.0	5.2	5.8	6.0	5.7	5.5	4.8	4.8	5.3	6.2	6.0

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	54.8%	52.0%	56.9%	57.2%	55.1%	59.9%	60.7%	63.9%	56.8%	65.0%	55.5%	55.6%	45.3%	49.2%
	2012	48.6%	43.9%	63.0%	51.9%	56.0%	54.9%	60.5%	59.4%	58.3%	57.4%	58.2%	54.6%	48.0%	48.0%
	2013	54.0%	52.2%	54.2%	65.5%	56.7%	60.8%	60.0%	63.2%	59.0%	56.0%	49.6%	55.9%	53.4%	50.1%
	2014	55.8%	53.3%	55.8%	62.4%	56.3%	60.2%	59.9%	61.5%	56.5%	54.3%	48.2%	54.2%	45.2%	49.3%
	2015	49.8%	54.3%	54.7%	62.2%	58.1%	57.9%	64.9%	63.2%	58.1%	55.7%	59.3%	49.2%	46.3%	50.7%
	2016	51.6%	50.9%	61.2%	53.3%	55.3%	61.0%	63.4%	65.0%	63.0%	52.8%	61.0%	52.4%	45.9%	50.3%
	2017	42.9%	56.3%	48.7%	58.7%	55.7%	57.5%	61.4%	60.0%	61.0%	58.0%	60.8%	50.7%	44.7%	47.3%
	2018	53.3%	47.8%	50.6%	68.5%	57.9%	60.0%	61.8%	62.5%	63.1%	47.9%	49.6%	50.9%	41.5%	50.8%
	2019	54.7%	54.9%	47.8%	59.5%	55.6%	60.6%	61.0%	62.9%	61.4%	50.0%	52.8%	51.3%	50.7%	51.2%
	2020	47.8%	48.4%	55.6%	52.8%	56.5%	59.2%	63.4%	61.8%	53.7%	52.4%	53.7%	60.2%	48.6%	50.7%
Projected	2021	48.8%	43.2%	65.8%	56.8%	58.5%	61.3%	60.3%	60.5%	59.7%	51.7%	53.8%	59.5%	48.1%	49.7%
	2022	49.5%	43.0%	66.5%	56.2%	58.6%	61.5%	60.2%	60.0%	60.2%	51.4%	54.0%	59.4%	48.0%	49.6%
	2023	49.6%	42.9%	66.7%	56.1%	58.7%	61.5%	60.1%	59.9%	60.3%	51.4%	54.1%	59.5%	48.0%	49.7%
	2024	49.8%	42.8%	66.9%	56.1%	58.8%	61.5%	60.2%	59.9%	60.3%	51.3%	54.0%	59.3%	48.2%	49.8%
	2025	49.6%	42.9%	66.7%	56.1%	58.8%	61.5%	60.2%	59.9%	60.3%	51.3%	54.0%	59.3%	47.9%	49.7%
	2026	49.6%	42.9%	66.7%	56.1%	58.8%	61.5%	60.2%	59.9%	60.3%	51.3%	53.9%	59.3%	48.0%	49.7%
	2027	49.6%	42.9%	66.7%	56.0%	58.7%	61.5%	60.1%	59.9%	60.3%	51.3%	54.1%	59.5%	48.0%	49.7%
	2028	49.8%	42.8%	66.9%	56.0%	58.7%	61.5%	60.1%	59.9%	60.3%	51.3%	53.9%	59.2%	48.2%	49.8%
	2029	49.6%	42.9%	66.6%	56.0%	58.7%	61.5%	60.1%	59.9%	60.3%	51.3%	53.9%	59.2%	48.0%	49.7%
	2030	49.6%	42.9%	66.6%	55.9%	58.7%	61.5%	60.1%	59.9%	60.3%	51.3%	53.8%	59.2%	48.0%	49.6%
Avg.	2011-2020	51.3%	51.4%	54.9%	59.2%	56.3%	59.2%	61.7%	62.3%	59.1%	54.9%	54.9%	53.5%	47.0%	49.8%
	2021-2030	49.6%	42.9%	66.6%	56.1%	58.7%	61.5%	60.2%	60.0%	60.2%	51.4%	53.9%	59.3%	48.0%	49.7%

FMPA 2021 Load Forecast - Mild Weather Case

Havana

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	6.4	4.6	2.7	4.2	5.1	5.9	5.2	6.0	4.0	2.9	2.8	2.8	6.2	6.0
	2012	5.5	5.4	3.0	3.3	4.9	5.3	4.9	3.8	3.3	3.1	2.8	5.1	5.5	4.9
	2013	4.8	5.0	5.1	2.8	4.3	5.3	5.0	4.7	5.2	4.2	2.6	2.9	5.1	4.7
	2014	5.4	5.0	4.0	3.6	4.6	4.8	5.5	4.8	4.8	3.1	5.5	4.7	5.4	4.8
	2015	6.1	6.0	2.8	3.5	4.9	4.6	5.2	5.3	4.1	3.9	3.1	2.8	6.0	4.6
	2016	5.5	5.4	3.5	4.2	4.9	5.3	5.5	5.1	4.7	3.7	2.8	2.8	3.1	5.5
	2017	5.7	2.4	3.3	3.9	4.1	4.6	5.4	3.7	4.1	4.4	2.9	5.7	3.3	3.7
	2018	6.9	2.7	2.7	2.2	4.3	5.0	3.7	5.2	4.9	5.0	2.8	5.4	6.9	5.2
	2019	3.9	2.6	2.7	3.7	5.4	5.5	5.6	4.3	5.3	2.6	2.4	3.0	2.8	5.5
	2020	5.7	2.1	3.6	4.3	4.5	4.8	5.3	5.0	5.2	3.8	2.9	3.7	3.6	4.8
Projected	2021	5.2	4.0	2.9	3.4	4.5	4.8	5.0	4.5	4.3	3.7	3.0	3.7	5.2	4.5
	2022	5.3	4.0	3.0	3.4	4.5	4.9	5.0	4.5	4.4	3.7	3.0	3.7	5.3	4.5
	2023	5.3	4.0	3.0	3.4	4.5	4.9	5.0	4.5	4.4	3.7	3.0	3.7	5.3	4.5
	2024	5.3	4.0	3.0	3.4	4.5	4.9	5.0	4.5	4.4	3.7	3.0	3.7	5.3	4.5
	2025	5.3	4.0	3.0	3.4	4.5	4.9	5.0	4.5	4.4	3.7	3.0	3.7	5.3	4.5
	2026	5.3	4.0	3.0	3.4	4.5	4.9	5.0	4.5	4.4	3.7	3.0	3.7	5.3	4.5
	2027	5.3	4.1	3.0	3.4	4.5	4.9	5.1	4.6	4.4	3.7	3.0	3.7	5.3	4.6
	2028	5.3	4.1	3.0	3.4	4.6	4.9	5.1	4.6	4.4	3.7	3.0	3.8	5.3	4.6
	2029	5.4	4.1	3.0	3.4	4.6	4.9	5.1	4.6	4.4	3.8	3.0	3.8	5.4	4.6
	2030	5.4	4.1	3.0	3.4	4.6	5.0	5.1	4.6	4.4	3.8	3.0	3.8	5.4	4.6
Projected	2031	5.4	4.1	3.0	3.5	4.6	5.0	5.2	4.7	4.5	3.8	3.0	3.8	5.4	4.7
	2032	5.4	4.2	3.1	3.5	4.7	5.0	5.2	4.7	4.5	3.8	3.1	3.8	5.4	4.7
	2033	5.5	4.2	3.1	3.5	4.7	5.1	5.2	4.7	4.5	3.9	3.1	3.9	5.5	4.7
	2034	5.5	4.2	3.1	3.5	4.7	5.1	5.3	4.8	4.6	3.9	3.1	3.9	5.5	4.8
	2035	5.6	4.3	3.1	3.6	4.8	5.1	5.3	4.8	4.6	3.9	3.1	3.9	5.6	4.8
	2036	5.6	4.3	3.1	3.6	4.8	5.2	5.3	4.8	4.6	3.9	3.2	4.0	5.6	4.8
	2037	5.7	4.3	3.2	3.6	4.8	5.2	5.4	4.9	4.7	4.0	3.2	4.0	5.7	4.9
	2038	5.7	4.4	3.2	3.6	4.9	5.2	5.4	4.9	4.7	4.0	3.2	4.0	5.7	4.9
	2039	5.7	4.4	3.2	3.7	4.9	5.3	5.4	4.9	4.7	4.0	3.2	4.0	5.7	4.9
	2040	5.8	4.4	3.2	3.7	4.9	5.3	5.5	4.9	4.8	4.0	3.3	4.1	5.8	4.9

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	100.0%	86.9%	67.7%	100.0%	98.4%	95.3%	90.3%	100.0%	77.0%	82.5%	66.7%	59.4%	96.8%	96.8%
	2012	98.8%	93.6%	84.1%	73.5%	96.2%	95.2%	85.2%	69.6%	65.1%	72.7%	65.9%	100.0%	96.2%	85.2%
	2013	100.0%	95.7%	100.0%	81.0%	92.0%	94.4%	96.5%	87.9%	98.1%	96.7%	52.2%	59.0%	96.4%	83.4%
	2014	84.2%	99.4%	93.2%	100.0%	97.0%	88.4%	97.8%	82.5%	88.3%	71.1%	95.7%	91.8%	84.2%	82.5%
	2015	97.4%	100.0%	66.1%	93.9%	99.0%	79.9%	91.9%	94.6%	82.1%	91.8%	77.2%	55.9%	96.6%	79.9%
	2016	88.4%	96.4%	96.1%	100.0%	100.0%	94.9%	97.0%	94.7%	93.8%	80.5%	75.3%	57.9%	50.6%	97.0%
	2017	93.0%	60.9%	69.4%	96.4%	84.0%	88.4%	97.0%	65.0%	85.9%	97.4%	74.8%	97.3%	53.8%	65.0%
	2018	99.1%	56.8%	56.6%	69.4%	90.6%	86.9%	66.9%	98.9%	92.4%	100.0%	52.6%	94.4%	99.1%	90.5%
	2019	68.5%	61.5%	54.2%	96.9%	96.9%	98.0%	97.3%	75.7%	93.5%	47.6%	50.5%	56.0%	47.7%	97.0%
	2020	100.0%	39.2%	83.5%	100.0%	95.8%	88.3%	95.5%	90.8%	96.1%	84.0%	67.8%	77.0%	62.9%	87.0%
Projected	2021	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.1%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2022	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2023	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2024	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2025	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2026	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2027	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2028	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2029	92.9%	79.0%	77.1%	91.1%	95.0%	90.9%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2030	92.9%	79.0%	77.1%	91.1%	95.0%	90.9%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2011-2020	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	86.0%	87.2%	82.4%	67.9%	74.9%	78.4%	86.4%
	2021-2030	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%

FMPA 2021 Load Forecast - Mild Weather Case - Havana

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service						TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	13,929		1,105		12,602		11,284		262		43.2		25,213		1,311	4.9%	26,524	
	2012	12,131	-12.9%	1,100	-0.5%	11,032	-12.5%	10,538	-6.6%	263	0.5%	40.1	-7.1%	22,669	-10.1%	1,261	5.3%	23,930	-9.8%
	2013	12,395	2.2%	1,104	0.3%	11,232	1.8%	10,844	2.9%	263	0.1%	41.2	2.8%	23,239	2.5%	1,346	5.5%	24,585	2.7%
	2014	13,182	6.3%	1,102	-0.1%	11,959	6.5%	10,739	-1.0%	270	2.6%	39.8	-3.5%	23,921	2.9%	1,255	5.0%	25,176	2.4%
	2015	13,446	2.0%	1,115	1.1%	12,065	0.9%	11,020	2.6%	298	10.3%	37.0	-7.0%	24,466	2.3%	1,305	5.1%	25,771	2.4%
	2016	13,129	-2.4%	1,122	0.6%	11,706	-3.0%	10,311	-6.4%	320	7.4%	32.2	-12.9%	23,440	-4.2%	1,485	6.0%	24,925	-3.3%
	2017	12,617	-3.9%	1,134	1.1%	11,123	-5.0%	9,887	-4.1%	316	-1.1%	31.3	-3.0%	22,504	-4.0%	1,130	4.8%	23,634	-5.2%
	2018	13,908	10.2%	1,139	0.4%	12,213	9.8%	10,199	3.2%	317	0.1%	32.2	3.0%	24,107	7.1%	1,295	5.1%	25,402	7.5%
	2019	13,868	-0.3%	1,138	0.0%	12,182	-0.3%	10,250	0.5%	311	-1.8%	32.9	2.3%	24,118	0.0%	1,519	5.9%	25,637	0.9%
	2020	13,963	0.7%	1,166	2.5%	11,972	-1.7%	9,630	-6.0%	291	-6.6%	33.1	0.6%	23,593	-2.2%	1,128	4.6%	24,721	-3.6%
Projected	2021	13,408	-4.0%	1,198	2.7%	11,188	-6.5%	8,999	-6.6%	259	-10.9%	34.8	4.9%	22,407	-5.0%	1,332	5.6%	23,738	-4.0%
	2022	13,434	0.2%	1,206	0.6%	11,142	-0.4%	9,074	0.8%	262	1.3%	34.6	-0.5%	22,508	0.5%	1,357	5.7%	23,865	0.5%
	2023	13,425	-0.1%	1,211	0.5%	11,084	-0.5%	9,128	0.6%	264	0.5%	34.6	0.1%	22,552	0.2%	1,361	5.7%	23,914	0.2%
	2024	13,419	0.0%	1,215	0.3%	11,042	-0.4%	9,179	0.6%	265	0.4%	34.6	0.1%	22,598	0.2%	1,409	5.9%	24,007	0.4%
	2025	13,384	-0.3%	1,219	0.3%	10,983	-0.5%	9,230	0.6%	266	0.4%	34.7	0.1%	22,613	0.1%	1,366	5.7%	23,980	-0.1%
	2026	13,365	-0.1%	1,221	0.2%	10,945	-0.3%	9,279	0.5%	267	0.4%	34.7	0.1%	22,643	0.1%	1,368	5.7%	24,012	0.1%
	2027	13,381	0.1%	1,223	0.2%	10,940	0.0%	9,337	0.6%	268	0.4%	34.8	0.2%	22,718	0.3%	1,373	5.7%	24,091	0.3%
	2028	13,410	0.2%	1,225	0.1%	10,949	0.1%	9,400	0.7%	269	0.4%	34.9	0.3%	22,810	0.4%	1,423	5.9%	24,232	0.6%
	2029	13,460	0.4%	1,226	0.1%	10,980	0.3%	9,463	0.7%	270	0.4%	35.0	0.3%	22,922	0.5%	1,386	5.7%	24,308	0.3%
	2030	13,525	0.5%	1,227	0.1%	11,027	0.4%	9,525	0.7%	271	0.4%	35.1	0.3%	23,051	0.6%	1,393	5.7%	24,444	0.6%
	2031	13,607	0.6%	1,227	0.1%	11,087	0.5%	9,589	0.7%	272	0.4%	35.2	0.3%	23,197	0.6%	1,402	5.7%	24,599	0.6%
	2032	13,695	0.6%	1,228	0.1%	11,153	0.6%	9,657	0.7%	273	0.4%	35.3	0.3%	23,352	0.7%	1,457	5.9%	24,809	0.9%
	2033	13,794	0.7%	1,228	0.0%	11,230	0.7%	9,727	0.7%	274	0.4%	35.5	0.4%	23,521	0.7%	1,422	5.7%	24,943	0.5%
	2034	13,905	0.8%	1,228	0.0%	11,319	0.8%	9,799	0.7%	275	0.4%	35.6	0.4%	23,703	0.8%	1,433	5.7%	25,136	0.8%
	2035	14,014	0.8%	1,228	0.0%	11,408	0.8%	9,869	0.7%	276	0.4%	35.7	0.4%	23,882	0.8%	1,444	5.7%	25,326	0.8%
	2036	14,115	0.7%	1,228	0.0%	11,490	0.7%	9,938	0.7%	277	0.4%	35.9	0.4%	24,053	0.7%	1,500	5.9%	25,553	0.9%
	2037	14,214	0.7%	1,228	0.0%	11,571	0.7%	10,006	0.7%	278	0.4%	36.0	0.3%	24,220	0.7%	1,464	5.7%	25,684	0.5%
	2038	14,308	0.7%	1,228	0.0%	11,648	0.7%	10,073	0.7%	279	0.3%	36.1	0.3%	24,380	0.7%	1,474	5.7%	25,854	0.7%
	2039	14,408	0.7%	1,228	0.0%	11,731	0.7%	10,139	0.7%	280	0.3%	36.2	0.3%	24,547	0.7%	1,484	5.7%	26,031	0.7%
	2040	14,505	0.7%	1,228	0.0%	11,812	0.7%	10,206	0.7%	281	0.3%	36.3	0.3%	24,711	0.7%	1,541	5.9%	26,253	0.9%
CAGR	2011-2020		0.0%		0.6%		-0.6%		-1.7%		1.2%		-2.9%		-0.7%		5.2%		-0.8%
	2021-2030		0.1%		0.3%		-0.2%		0.6%		0.5%		0.1%		0.3%		5.7%		0.3%
	2031-2040		0.7%		0.0%		0.7%		0.7%		0.4%		0.3%		0.7%		5.8%		0.7%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - Severe Weather Case

Havana

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	26,524	-	25,146	-	-5.2%	6.2	-	6.5	-	4.5%	6.0	-	4.7		-21.4%
	2012	23,930	-9.8%	24,575	-2.3%	2.7%	5.5	-11.1%	5.2	-19.5%	-5.4%	4.9	-18.6%	4.5	-3.0%	-6.4%
	2013	24,585	2.7%	25,155	2.4%	2.3%	5.1	-8.7%	6.0	13.6%	17.7%	4.7	-3.8%	4.8	5.3%	2.5%
	2014	25,176	2.4%	25,021	-0.5%	-0.6%	5.4	6.6%	6.1	2.9%	13.6%	4.8	3.1%	5.1	7.5%	6.8%
	2015	25,771	2.4%	24,822	-0.8%	-3.7%	6.0	11.5%	6.9	12.4%	14.6%	4.6	-3.7%	5.9	15.4%	28.0%
	2016	24,925	-3.3%	24,702	-0.5%	-0.9%	3.1	-47.7%	6.1	-12.0%	92.9%	5.5	18.4%	5.0	-15.0%	-8.2%
	2017	23,634	-5.2%	24,620	-0.3%	4.2%	3.3	5.4%	6.0	-1.6%	80.2%	3.7	-32.4%	4.3	-15.1%	15.3%
	2018	25,402	7.5%	25,274	2.7%	-0.5%	6.9	108.6%	6.4	8.0%	-6.7%	5.2	39.3%	5.1	18.7%	-1.7%
	2019	25,637	0.9%	25,203	-0.3%	-1.7%	2.8	-60.1%	5.6	-13.1%	103.3%	5.5	7.3%	5.1	1.4%	-7.1%
	2020	24,721	-3.6%	25,123	-0.3%	1.6%	3.6	30.9%	7.1	27.0%	97.2%	4.8	-12.7%	6.3	23.3%	31.2%
Projected	2021	27,009	9.3%	27,009	7.5%		6.7	86.9%	6.7	-5.2%		5.1	5.9%	5.1	-19.3%	
	2022			27,305	1.1%				6.8	1.0%				5.2	0.7%	
	2023			27,357	0.2%				6.8	0.2%				5.2	0.1%	
	2024			27,472	0.4%				6.8	0.0%				5.2	0.1%	
	2025			27,421	-0.2%				6.8	0.2%				5.2	0.1%	
	2026			27,451	0.1%				6.8	0.0%				5.2	0.2%	
	2027			27,538	0.3%				6.9	0.3%				5.2	0.3%	
	2028			27,706	0.6%				6.9	0.1%				5.2	0.4%	
	2029			27,778	0.3%				6.9	0.7%				5.3	0.5%	
	2030			27,932	0.6%				6.9	0.5%				5.3	0.6%	
	2031			28,108	0.6%				7.0	0.6%				5.3	0.6%	
	2032			28,359	0.9%				7.0	0.4%				5.4	0.7%	
	2033			28,501	0.5%				7.1	1.0%				5.4	0.7%	
	2034			28,722	0.8%				7.1	0.8%				5.4	0.8%	
	2035			28,940	0.8%				7.2	0.8%				5.5	0.7%	
	2036			29,212	0.9%				7.2	0.4%				5.5	0.7%	
	2037			29,350	0.5%				7.3	1.0%				5.6	0.7%	
	2038			29,543	0.7%				7.3	0.6%				5.6	0.7%	
	2039			29,746	0.7%				7.4	0.7%				5.6	0.7%	
	2040			30,012	0.9%				7.4	0.4%				5.7	0.7%	
CAGR [3]	2011-2020		-0.8%		0.0%			-5.9%		1.0%			-2.3%		3.4%	
	2021-2030				0.4%					0.3%					0.3%	
	2031-2040				0.7%					0.7%					0.7%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Havana

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	26,524	-	26,524	-	6.4	6.2	6.4	6.2	6.2	6.0	6.2	6.0
	2012	23,930	-9.8%	23,930	-9.8%	5.8	5.7	5.8	5.7	5.5	4.9	5.5	4.9
	2013	24,585	2.7%	24,585	2.7%	5.3	5.6	5.3	5.6	5.1	4.7	5.1	4.7
	2014	25,176	2.4%	25,176	2.4%	6.4	5.8	6.4	5.8	5.4	4.8	5.4	4.8
	2015	25,771	2.4%	25,771	2.4%	6.2	5.8	6.2	5.8	6.0	4.6	6.0	4.6
	2016	24,925	-3.3%	24,925	-3.3%	6.2	5.7	6.2	5.7	3.1	5.5	3.1	5.5
	2017	23,634	-5.2%	23,634	-5.2%	6.2	5.7	6.2	5.7	3.3	3.7	3.3	3.7
	2018	25,402	7.5%	25,402	7.5%	7.0	5.7	7.0	5.7	6.9	5.2	6.9	5.2
	2019	25,637	0.9%	25,637	0.9%	5.8	5.7	5.8	5.7	2.8	5.5	2.8	5.5
	2020	24,721	-3.6%	27,528	7.4%	5.7	5.6	7.3	6.3	3.6	4.8	6.7	5.1
Projected	2021	27,009	9.3%	27,428	-0.4%	7.3	6.2	7.3	6.3	6.7	5.1	6.8	5.1
	2022	27,305	1.1%	27,467	0.1%	7.3	6.2	7.3	6.3	6.8	5.2	6.8	5.1
	2023	27,357	0.2%	27,518	0.2%	7.3	6.2	7.3	6.3	6.8	5.2	6.8	5.1
	2024	27,472	0.4%	27,621	0.4%	7.3	6.3	7.3	6.3	6.8	5.2	6.8	5.1
	2025	27,421	-0.2%	27,605	-0.1%	7.4	6.3	7.3	6.3	6.8	5.2	6.8	5.1
	2026	27,451	0.1%	27,671	0.2%	7.4	6.3	7.3	6.3	6.8	5.2	6.8	5.1
	2027	27,538	0.3%	27,754	0.3%	7.4	6.3	7.4	6.3	6.9	5.2	6.8	5.1
	2028	27,706	0.6%	27,886	0.5%	7.4	6.3	7.4	6.3	6.9	5.2	6.8	5.1
	2029	27,778	0.3%	27,882	0.0%	7.4	6.3	7.4	6.4	6.9	5.3	6.8	5.2
	2030	27,932	0.6%	27,943	0.2%	7.5	6.4	7.4	6.4	6.9	5.3	6.9	5.2
	2031	28,108	0.6%	28,026	0.3%	7.5	6.4	7.4	6.4	7.0	5.3	6.9	5.2
	2032	28,359	0.9%	28,178	0.5%	7.5	6.5	7.4	6.4	7.0	5.4	6.9	5.2
	2033	28,501	0.5%	28,206	0.1%	7.6	6.5	7.5	6.4	7.1	5.4	6.9	5.2
	2034	28,722	0.8%	28,296	0.3%	7.7	6.6	7.5	6.5	7.1	5.4	6.9	5.2
	2035	28,940	0.8%	28,377	0.3%	7.7	6.6	7.5	6.5	7.2	5.5	7.0	5.3
	2036	29,212	0.9%	28,512	0.5%	7.8	6.7	7.5	6.5	7.2	5.5	7.0	5.3
	2037	29,350	0.5%	28,516	0.0%	7.8	6.7	7.5	6.5	7.3	5.6	7.0	5.3
	2038	29,543	0.7%	28,571	0.2%	7.9	6.8	7.6	6.5	7.3	5.6	7.0	5.3
	2039	29,746	0.7%	28,628	0.2%	8.0	6.8	7.6	6.5	7.4	5.6	7.0	5.3
	2040	30,012	0.9%			8.0	6.8			7.4	5.7		
CAGR[1]	Historical		-0.8%		-0.4%	-1.3%	-1.1%	-1.4%	-0.9%	-5.2%	0.0%	-9.5%	1.9%
	1st 10 Prj Yrs		0.4%		0.1%	0.3%	0.3%	0.2%	0.2%	0.3%	0.3%	0.2%	0.2%
	2nd 10 Prj Yrs		0.7%		0.3%	0.7%	0.7%	0.3%	0.3%	0.7%	0.7%	0.3%	0.3%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Havana

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	26,524	-	25,146	-	-5.2%	6.2	-	6.5	-	4.5%	6.0	-	4.7		-21.4%
	2012	23,930	-9.8%	24,575	-2.3%	2.7%	5.5	-11.1%	5.2	-19.5%	-5.4%	4.9	-18.6%	4.5	-3.0%	-6.4%
	2013	24,585	2.7%	25,155	2.4%	2.3%	5.1	-8.7%	6.0	13.6%	17.7%	4.7	-3.8%	4.8	5.3%	2.5%
	2014	25,176	2.4%	25,021	-0.5%	-0.6%	5.4	6.6%	6.1	2.9%	13.6%	4.8	3.1%	5.1	7.5%	6.8%
	2015	25,771	2.4%	24,822	-0.8%	-3.7%	6.0	11.5%	6.9	12.4%	14.6%	4.6	-3.7%	5.9	15.4%	28.0%
	2016	24,925	-3.3%	24,702	-0.5%	-0.9%	3.1	-47.7%	6.1	-12.0%	92.9%	5.5	18.4%	5.0	-15.0%	-8.2%
	2017	23,634	-5.2%	24,620	-0.3%	4.2%	3.3	5.4%	6.0	-1.6%	80.2%	3.7	-32.4%	4.3	-15.1%	15.3%
	2018	25,402	7.5%	25,274	2.7%	-0.5%	6.9	108.6%	6.4	8.0%	-6.7%	5.2	39.3%	5.1	18.7%	-1.7%
	2019	25,637	0.9%	25,203	-0.3%	-1.7%	2.8	-60.1%	5.6	-13.1%	103.3%	5.5	7.3%	5.1	1.4%	-7.1%
	2020	24,721	-3.6%	24,800	-1.6%	0.3%	3.6	30.9%	7.1	27.0%	97.2%	4.8	-12.7%	6.3	23.3%	31.2%
Projected	2021	26,997	9.2%	26,997	8.9%		6.7	86.9%	6.7	-5.2%		5.1	5.8%	5.1	-19.3%	
	2022			27,280	1.0%				6.8	1.0%				5.2	0.6%	
	2023			27,320	0.1%				6.8	0.2%				5.2	0.0%	
	2024			27,423	0.4%				6.8	0.0%				5.2	0.1%	
	2025			27,360	-0.2%				6.8	0.2%				5.2	0.0%	
	2026			27,378	0.1%				6.8	0.0%				5.2	0.1%	
	2027			27,452	0.3%				6.9	0.3%				5.2	0.3%	
	2028			27,609	0.6%				6.9	0.1%				5.2	0.4%	
	2029			27,669	0.2%				6.9	0.7%				5.2	0.5%	
	2030			27,811	0.5%				6.9	0.5%				5.3	0.5%	
	2031			27,976	0.6%				7.0	0.6%				5.3	0.6%	
	2032			28,215	0.9%				7.0	0.4%				5.3	0.6%	
	2033			28,345	0.5%				7.1	1.0%				5.4	0.7%	
	2034			28,604	0.9%				7.1	0.8%				5.4	1.0%	
	2035			28,810	0.7%				7.2	0.8%				5.4	0.7%	
	2036			29,070	0.9%				7.2	0.4%				5.5	0.7%	
	2037			29,197	0.4%				7.3	1.0%				5.5	0.6%	
	2038			29,379	0.6%				7.3	0.6%				5.5	0.6%	
	2039			29,570	0.7%				7.4	0.7%				5.6	0.6%	
	2040			29,825	0.9%				7.4	0.4%				5.6	0.6%	
CAGR [3]	2011-2020		-0.8%		-0.2%			-5.9%		1.0%			-2.3%		3.4%	
	2021-2030				0.3%					0.3%					0.3%	
	2031-2040				0.7%					0.7%					0.7%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Havana

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	26,524	-	25,146	-	-5.2%	6.4	-	47.0%	6.2	-	49.2%
	2012	23,930	-9.8%	24,575	-2.3%	2.7%	5.8	-10.5%	47.4%	5.7	-7.6%	48.0%
	2013	24,585	2.7%	25,155	2.4%	2.3%	5.3	-8.9%	53.5%	5.6	-1.6%	50.1%
	2014	25,176	2.4%	25,021	-0.5%	-0.6%	6.4	22.1%	44.8%	5.8	4.1%	49.3%
	2015	25,771	2.4%	24,822	-0.8%	-3.7%	6.2	-2.9%	47.2%	5.8	-0.5%	50.7%
	2016	24,925	-3.3%	24,702	-0.5%	-0.9%	6.2	-0.2%	45.8%	5.7	-2.5%	50.3%
	2017	23,634	-5.2%	24,620	-0.3%	4.2%	6.2	-0.9%	43.8%	5.7	0.8%	47.3%
	2018	25,402	7.5%	25,274	2.7%	-0.5%	7.0	13.2%	41.6%	5.7	0.1%	50.8%
	2019	25,637	0.9%	25,203	-0.3%	-1.7%	5.8	-17.2%	50.7%	5.7	0.0%	51.2%
	2020	24,721	-3.6%	25,123	-0.3%	1.6%	5.7	-0.6%	49.2%	5.6	-2.7%	50.7%
Projected	2021	26,997	9.2%	26,997	7.5%		7.3	26.4%	42.5%	6.2	11.3%	49.8%
	2022	27,280	1.0%	27,280	1.0%		7.3	1.0%	42.5%	6.2	0.6%	50.0%
	2023	27,320	0.1%	27,320	0.1%		7.3	0.2%	42.5%	6.2	0.1%	50.0%
	2024	27,423	0.4%	27,423	0.4%		7.3	0.0%	42.7%	6.2	0.1%	50.2%
	2025	27,360	-0.2%	27,360	-0.2%		7.4	0.2%	42.5%	6.2	0.0%	50.1%
	2026	27,378	0.1%	27,378	0.1%		7.4	0.0%	42.5%	6.2	0.1%	50.0%
	2027	27,452	0.3%	27,452	0.3%		7.4	0.3%	42.5%	6.3	0.3%	50.0%
	2028	27,609	0.6%	27,609	0.6%		7.4	0.1%	42.7%	6.3	0.4%	50.1%
	2029	27,669	0.2%	27,669	0.2%		7.4	0.7%	42.5%	6.3	0.5%	50.0%
	2030	27,811	0.5%	27,811	0.5%		7.5	0.5%	42.5%	6.4	0.5%	50.0%
	2031	27,976	0.6%	27,976	0.6%		7.5	0.6%	42.5%	6.4	0.6%	50.0%
	2032	28,215	0.9%	28,215	0.9%		7.5	0.4%	42.7%	6.4	0.6%	50.1%
	2033	28,345	0.5%	28,345	0.5%		7.6	1.0%	42.5%	6.5	0.7%	49.9%
	2034	28,604	0.9%	28,604	0.9%		7.7	0.8%	42.5%	6.5	0.9%	49.9%
	2035	28,810	0.7%	28,810	0.7%		7.7	0.8%	42.5%	6.6	0.7%	50.0%
	2036	29,070	0.9%	29,070	0.9%		7.8	0.4%	42.7%	6.6	0.7%	50.1%
	2037	29,197	0.4%	29,197	0.4%		7.8	1.0%	42.5%	6.7	0.6%	50.0%
	2038	29,379	0.6%	29,379	0.6%		7.9	0.6%	42.5%	6.7	0.6%	50.0%
	2039	29,570	0.7%	29,570	0.7%		8.0	0.7%	42.4%	6.8	0.6%	50.0%
	2040	29,825	0.9%	29,825	0.9%		8.0	0.4%	42.6%	6.8	0.6%	50.1%
CAGR [1]	2011-2020		-0.8%		0.0%			-1.3%	47.1%		-1.1%	49.8%
	2021-2030		0.3%		0.3%			0.3%	42.5%		0.3%	50.0%
	2031-2040		0.7%		0.7%			0.7%	42.5%		0.7%	50.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Havana

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	2,626	1,850	1,661	1,724	2,125	2,655	2,591	2,834	2,145	1,679	1,698	1,958	25,549	26,524
	2012	2,027	1,761	1,690	1,671	2,128	2,207	2,563	2,399	2,150	1,795	1,808	2,055	24,252	23,930
	2013	1,931	1,843	2,040	1,652	1,968	2,452	2,302	2,498	2,243	1,813	1,782	2,016	24,538	24,585
	2014	2,663	1,797	1,788	1,598	1,973	2,377	2,503	2,670	2,196	1,766	2,002	2,056	25,388	25,176
	2015	2,306	2,194	1,728	1,693	2,145	2,419	2,752	2,612	2,102	1,753	1,740	1,832	25,274	25,771
	2016	2,385	1,968	1,658	1,604	2,018	2,443	2,668	2,598	2,259	1,813	1,651	1,905	24,968	24,925
	2017	1,965	1,518	1,731	1,710	2,019	2,132	2,534	2,545	2,111	1,948	1,692	2,219	24,125	23,634
	2018	2,765	1,550	1,768	1,563	2,064	2,467	2,514	2,428	2,425	1,785	1,872	2,183	25,382	25,402
	2019	2,320	1,572	1,758	1,644	2,283	2,469	2,592	2,642	2,518	2,002	1,809	2,008	25,617	25,637
	2020	2,041	1,848	1,785	1,643	1,987	2,334	2,622	2,558	2,082	1,741	1,671	2,317	24,631	24,721
Projected	2021	2,880	2,074	2,230	1,505	2,054	2,479	2,836	2,737	2,473	1,816	1,688	2,307	27,078	26,997
	2022	2,950	2,083	2,277	1,499	2,072	2,502	2,849	2,732	2,506	1,816	1,698	2,306	27,290	27,280
	2023	2,964	2,083	2,287	1,496	2,076	2,504	2,848	2,729	2,514	1,816	1,701	2,310	27,328	27,320
	2024	2,974	2,146	2,293	1,499	2,081	2,508	2,851	2,729	2,515	1,816	1,702	2,310	27,423	27,423
	2025	2,972	2,083	2,292	1,499	2,082	2,508	2,851	2,729	2,515	1,816	1,703	2,310	27,361	27,360
	2026	2,971	2,083	2,293	1,500	2,085	2,511	2,854	2,733	2,519	1,820	1,707	2,316	27,391	27,378
	2027	2,978	2,088	2,299	1,504	2,092	2,518	2,863	2,741	2,527	1,825	1,713	2,323	27,471	27,452
	2028	2,987	2,157	2,307	1,509	2,100	2,527	2,873	2,751	2,537	1,833	1,720	2,333	27,633	27,609
	2029	2,999	2,104	2,317	1,516	2,109	2,539	2,886	2,764	2,548	1,841	1,728	2,345	27,697	27,669
	2030	3,014	2,114	2,328	1,523	2,120	2,553	2,902	2,779	2,563	1,852	1,738	2,359	27,846	27,811
Projected	2031	3,032	2,127	2,342	1,532	2,133	2,568	2,919	2,796	2,578	1,863	1,749	2,374	28,012	27,976
	2032	3,051	2,204	2,356	1,541	2,147	2,584	2,938	2,814	2,595	1,875	1,760	2,390	28,255	28,215
	2033	3,072	2,156	2,372	1,552	2,161	2,602	2,959	2,834	2,613	1,892	1,777	2,410	28,400	28,345
	2034	3,098	2,174	2,394	1,567	2,181	2,626	2,986	2,860	2,638	1,906	1,790	2,428	28,649	28,604
	2035	3,122	2,190	2,412	1,578	2,197	2,645	3,007	2,880	2,655	1,919	1,801	2,445	28,851	28,810
	2036	3,144	2,271	2,428	1,588	2,212	2,662	3,027	2,899	2,674	1,932	1,814	2,462	29,113	29,070
	2037	3,166	2,221	2,444	1,598	2,226	2,679	3,047	2,917	2,690	1,944	1,824	2,478	29,234	29,197
	2038	3,186	2,235	2,459	1,608	2,240	2,696	3,066	2,936	2,707	1,956	1,836	2,495	29,420	29,379
	2039	3,208	2,250	2,475	1,618	2,254	2,713	3,086	2,955	2,724	1,968	1,848	2,511	29,610	29,570
	2040	3,229	2,331	2,491	1,628	2,268	2,731	3,105	2,974	2,742	1,981	1,859	2,527	29,865	29,825

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	10.3%	7.2%	6.5%	6.7%	8.3%	10.4%	10.1%	11.1%	8.4%	6.6%	6.6%	7.7%	100.0%
	2012	8.4%	7.3%	7.0%	6.9%	8.8%	9.1%	10.6%	9.9%	8.9%	7.4%	7.5%	8.5%	100.0%
	2013	7.9%	7.5%	8.3%	6.7%	8.0%	10.0%	9.4%	10.2%	9.1%	7.4%	7.3%	8.2%	100.0%
	2014	10.5%	7.1%	7.0%	6.3%	7.8%	9.4%	9.9%	10.5%	8.7%	7.0%	7.9%	8.1%	100.0%
	2015	9.1%	8.7%	6.8%	6.7%	8.5%	9.6%	10.9%	10.3%	8.3%	6.9%	6.9%	7.2%	100.0%
	2016	9.6%	7.9%	6.6%	6.4%	8.1%	9.8%	10.7%	10.4%	9.0%	7.3%	6.6%	7.6%	100.0%
	2017	8.1%	6.3%	7.2%	7.1%	8.4%	8.8%	10.5%	10.5%	8.8%	8.1%	7.0%	9.2%	100.0%
	2018	10.9%	6.1%	7.0%	6.2%	8.1%	9.7%	9.9%	9.6%	9.6%	7.0%	7.4%	8.6%	100.0%
	2019	9.1%	6.1%	6.9%	6.4%	8.9%	9.6%	10.1%	10.3%	9.8%	7.8%	7.1%	7.8%	100.0%
	2020	8.3%	7.5%	7.2%	6.7%	8.1%	9.5%	10.6%	10.4%	8.5%	7.1%	6.8%	9.4%	100.0%
Projected	2021	10.6%	7.7%	8.2%	5.6%	7.6%	9.2%	10.5%	10.1%	9.1%	6.7%	6.2%	8.5%	100.0%
	2022	10.8%	7.6%	8.3%	5.5%	7.6%	9.2%	10.4%	10.0%	9.2%	6.7%	6.2%	8.5%	100.0%
	2023	10.8%	7.6%	8.4%	5.5%	7.6%	9.2%	10.4%	10.0%	9.2%	6.6%	6.2%	8.5%	100.0%
	2024	10.8%	7.8%	8.4%	5.5%	7.6%	9.1%	10.4%	10.0%	9.2%	6.6%	6.2%	8.4%	100.0%
	2025	10.9%	7.6%	8.4%	5.5%	7.6%	9.2%	10.4%	10.0%	9.2%	6.6%	6.2%	8.4%	100.0%
	2026	10.8%	7.6%	8.4%	5.5%	7.6%	9.2%	10.4%	10.0%	9.2%	6.6%	6.2%	8.5%	100.0%
	2027	10.8%	7.6%	8.4%	5.5%	7.6%	9.2%	10.4%	10.0%	9.2%	6.6%	6.2%	8.5%	100.0%
	2028	10.8%	7.8%	8.3%	5.5%	7.6%	9.1%	10.4%	10.0%	9.2%	6.6%	6.2%	8.4%	100.0%
	2029	10.8%	7.6%	8.4%	5.5%	7.6%	9.2%	10.4%	10.0%	9.2%	6.6%	6.2%	8.5%	100.0%
	2030	10.8%	7.6%	8.4%	5.5%	7.6%	9.2%	10.4%	10.0%	9.2%	6.7%	6.2%	8.5%	100.0%
Avg.	2011-2020	9.2%	7.2%	7.1%	6.6%	8.3%	9.6%	10.3%	10.3%	8.9%	7.3%	7.1%	8.2%	100.0%
	2021-2030	10.8%	7.7%	8.4%	5.5%	7.6%	9.2%	10.4%	10.0%	9.2%	6.6%	6.2%	8.5%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Severe Weather Case

Havana

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	6.4	5.3	3.9	4.2	5.2	6.2	5.7	6.0	5.2	3.5	4.2	4.7	6.4	6.2
	2012	5.6	5.8	3.6	4.5	5.1	5.6	5.7	5.4	5.1	4.2	4.3	5.1	5.8	5.7
	2013	4.8	5.3	5.1	3.5	4.7	5.6	5.2	5.3	5.3	4.4	5.0	4.8	5.3	5.6
	2014	6.4	5.0	4.3	3.6	4.7	5.5	5.6	5.8	5.4	4.4	5.8	5.1	6.4	5.8
	2015	6.2	6.0	4.2	3.8	5.0	5.8	5.7	5.6	5.0	4.2	4.1	5.0	6.2	5.8
	2016	6.2	5.6	3.6	4.2	4.9	5.6	5.7	5.4	5.0	4.6	3.8	4.9	6.2	5.7
	2017	6.2	4.0	4.8	4.0	4.9	5.1	5.5	5.7	4.8	4.5	3.9	5.9	6.2	5.7
	2018	7.0	4.8	4.7	3.2	4.8	5.7	5.5	5.2	5.3	5.0	5.2	5.8	7.0	5.7
	2019	5.7	4.3	4.9	3.8	5.5	5.7	5.7	5.6	5.7	5.4	4.8	5.3	5.8	5.7
	2020	5.7	5.5	4.3	4.3	4.7	5.5	5.6	5.6	5.4	4.5	5.6	6.1	5.7	5.6
Projected	2021	7.3	6.5	4.9	4.2	5.4	6.0	6.2	5.9	5.7	5.0	5.6	6.2	7.3	6.2
	2022	7.3	6.6	5.0	4.2	5.4	6.1	6.2	5.9	5.7	5.0	5.6	6.2	7.3	6.2
	2023	7.3	6.6	5.0	4.2	5.4	6.1	6.2	5.9	5.7	5.0	5.6	6.2	7.3	6.2
	2024	7.3	6.6	5.0	4.2	5.4	6.1	6.2	5.9	5.7	5.0	5.7	6.2	7.3	6.2
	2025	7.4	6.6	5.0	4.2	5.4	6.1	6.2	5.9	5.7	5.0	5.7	6.2	7.4	6.2
	2026	7.4	6.6	5.0	4.2	5.4	6.1	6.2	5.9	5.7	5.0	5.7	6.2	7.4	6.2
	2027	7.4	6.6	5.0	4.2	5.4	6.1	6.3	6.0	5.7	5.0	5.7	6.2	7.4	6.3
	2028	7.4	6.6	5.0	4.3	5.5	6.1	6.3	6.0	5.7	5.1	5.7	6.3	7.4	6.3
	2029	7.4	6.7	5.0	4.3	5.5	6.2	6.3	6.0	5.8	5.1	5.7	6.3	7.4	6.3
	2030	7.5	6.7	5.1	4.3	5.5	6.2	6.4	6.0	5.8	5.1	5.8	6.4	7.5	6.4
Projected	2031	7.5	6.8	5.1	4.3	5.5	6.2	6.4	6.1	5.8	5.1	5.8	6.4	7.5	6.4
	2032	7.5	6.8	5.1	4.3	5.6	6.3	6.4	6.1	5.9	5.2	5.9	6.4	7.5	6.4
	2033	7.6	6.8	5.2	4.4	5.6	6.3	6.5	6.2	5.9	5.2	5.9	6.5	7.6	6.5
	2034	7.7	6.9	5.2	4.4	5.7	6.4	6.5	6.2	6.0	5.3	6.0	6.5	7.7	6.5
	2035	7.7	7.0	5.2	4.5	5.7	6.4	6.6	6.3	6.0	5.3	6.0	6.6	7.7	6.6
	2036	7.8	7.0	5.3	4.5	5.8	6.5	6.6	6.3	6.0	5.3	6.0	6.6	7.8	6.6
	2037	7.8	7.0	5.3	4.5	5.8	6.5	6.7	6.3	6.1	5.4	6.1	6.7	7.8	6.7
	2038	7.9	7.1	5.3	4.5	5.8	6.5	6.7	6.4	6.1	5.4	6.1	6.7	7.9	6.7
	2039	8.0	7.1	5.4	4.6	5.9	6.6	6.8	6.4	6.2	5.4	6.1	6.8	8.0	6.8
	2040	8.0	7.2	5.4	4.6	5.9	6.6	6.8	6.5	6.2	5.5	6.2	6.8	8.0	6.8

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	54.8%	52.0%	56.9%	57.2%	55.1%	59.9%	60.7%	63.9%	56.8%	65.0%	55.5%	55.6%	45.3%	47.4%
	2012	48.6%	43.9%	63.0%	51.9%	56.0%	54.9%	60.5%	59.4%	58.3%	57.4%	58.2%	54.6%	48.0%	48.6%
	2013	54.0%	52.2%	54.2%	65.5%	56.7%	60.8%	60.0%	63.2%	59.0%	56.0%	49.6%	55.9%	53.4%	50.0%
	2014	55.8%	53.3%	55.8%	62.4%	56.3%	60.2%	59.9%	61.5%	56.5%	54.3%	48.2%	54.2%	45.2%	49.7%
	2015	49.8%	54.3%	54.7%	62.2%	58.1%	57.9%	64.9%	63.2%	58.1%	55.7%	59.3%	49.2%	46.3%	49.7%
	2016	51.6%	50.9%	61.2%	53.3%	55.3%	61.0%	63.4%	65.0%	63.0%	52.8%	61.0%	52.4%	45.9%	50.4%
	2017	42.9%	56.3%	48.7%	58.7%	55.7%	57.5%	61.4%	60.0%	61.0%	58.0%	60.8%	50.7%	44.7%	48.3%
	2018	53.3%	47.8%	50.6%	68.5%	57.9%	60.0%	61.8%	62.5%	63.1%	47.9%	49.6%	50.9%	41.5%	50.7%
	2019	54.7%	54.9%	47.8%	59.5%	55.6%	60.6%	61.0%	62.9%	61.4%	50.0%	52.8%	51.3%	50.7%	51.2%
	2020	47.8%	48.4%	55.6%	52.8%	56.5%	59.2%	63.4%	61.8%	53.7%	52.4%	41.6%	50.8%	49.0%	50.6%
Projected	2021	53.4%	47.4%	61.0%	50.0%	51.5%	57.0%	61.6%	62.5%	60.8%	49.0%	41.6%	50.1%	42.6%	49.9%
	2022	54.1%	47.1%	61.7%	49.5%	51.6%	57.2%	61.5%	62.0%	61.2%	48.7%	41.8%	50.0%	42.5%	50.0%
	2023	54.3%	47.0%	61.9%	49.3%	51.6%	57.2%	61.4%	61.9%	61.4%	48.7%	41.9%	50.1%	42.5%	50.0%
	2024	54.5%	46.8%	62.0%	49.4%	51.7%	57.2%	61.4%	61.9%	61.3%	48.7%	41.8%	49.9%	42.7%	50.2%
	2025	54.3%	46.9%	61.9%	49.4%	51.7%	57.2%	61.4%	61.9%	61.3%	48.6%	41.8%	49.9%	42.5%	50.1%
	2026	54.3%	46.9%	61.9%	49.3%	51.7%	57.2%	61.4%	61.9%	61.4%	48.7%	41.8%	49.9%	42.5%	50.1%
	2027	54.3%	46.9%	61.9%	49.3%	51.7%	57.2%	61.4%	61.9%	61.4%	48.7%	41.9%	50.1%	42.5%	50.0%
	2028	54.4%	46.8%	62.1%	49.3%	51.7%	57.2%	61.4%	61.9%	61.4%	48.7%	41.8%	49.9%	42.8%	50.2%
	2029	54.3%	46.9%	61.9%	49.3%	51.7%	57.2%	61.4%	61.9%	61.4%	48.7%	41.8%	49.9%	42.6%	50.0%
	2030	54.2%	46.9%	61.9%	49.3%	51.7%	57.2%	61.4%	61.9%	61.4%	48.7%	41.8%	49.9%	42.6%	50.0%
Avg.	2011-2020	51.3%	51.4%	54.9%	59.2%	56.3%	59.2%	61.7%	62.3%	59.1%	54.9%	53.7%	52.6%	47.0%	49.7%
	2021-2030	54.2%	47.0%	61.8%	49.4%	51.7%	57.2%	61.4%	61.9%	61.3%	48.7%	41.8%	50.0%	42.6%	50.1%

FMPA 2021 Load Forecast - Severe Weather Case

Havana

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	6.4	4.6	2.7	4.2	5.1	5.9	5.2	6.0	4.0	2.9	2.8	2.8	6.2	6.0
	2012	5.5	5.4	3.0	3.3	4.9	5.3	4.9	3.8	3.3	3.1	2.8	5.1	5.5	4.9
	2013	4.8	5.0	5.1	2.8	4.3	5.3	5.0	4.7	5.2	4.2	2.6	2.9	5.1	4.7
	2014	5.4	5.0	4.0	3.6	4.6	4.8	5.5	4.8	4.8	3.1	5.5	4.7	5.4	4.8
	2015	6.1	6.0	2.8	3.5	4.9	4.6	5.2	5.3	4.1	3.9	3.1	2.8	6.0	4.6
	2016	5.5	5.4	3.5	4.2	4.9	5.3	5.5	5.1	4.7	3.7	2.8	2.8	3.1	5.5
	2017	5.7	2.4	3.3	3.9	4.1	4.6	5.4	3.7	4.1	4.4	2.9	5.7	3.3	3.7
	2018	6.9	2.7	2.7	2.2	4.3	5.0	3.7	5.2	4.9	5.0	2.8	5.4	6.9	5.2
	2019	3.9	2.6	2.7	3.7	5.4	5.5	5.6	4.3	5.3	2.6	2.4	3.0	2.8	5.5
	2020	5.7	2.1	3.6	4.3	4.5	4.8	5.3	5.0	5.2	3.8	3.8	4.7	3.6	4.8
Projected	2021	6.7	5.2	3.8	3.8	5.1	5.5	5.7	5.1	4.9	4.2	3.8	4.8	6.7	5.1
	2022	6.8	5.2	3.8	3.8	5.1	5.5	5.7	5.2	5.0	4.2	3.8	4.8	6.8	5.2
	2023	6.8	5.2	3.8	3.8	5.1	5.5	5.7	5.2	5.0	4.2	3.8	4.8	6.8	5.2
	2024	6.8	5.2	3.8	3.8	5.1	5.5	5.7	5.2	5.0	4.2	3.8	4.8	6.8	5.2
	2025	6.8	5.2	3.8	3.8	5.1	5.5	5.7	5.2	5.0	4.2	3.8	4.8	6.8	5.2
	2026	6.8	5.2	3.8	3.8	5.1	5.5	5.7	5.2	5.0	4.2	3.8	4.8	6.8	5.2
	2027	6.9	5.2	3.8	3.9	5.2	5.6	5.7	5.2	5.0	4.2	3.8	4.8	6.9	5.2
	2028	6.9	5.2	3.8	3.9	5.2	5.6	5.8	5.2	5.0	4.3	3.9	4.8	6.9	5.2
	2029	6.9	5.3	3.9	3.9	5.2	5.6	5.8	5.2	5.0	4.3	3.9	4.9	6.9	5.2
	2030	6.9	5.3	3.9	3.9	5.2	5.6	5.8	5.3	5.1	4.3	3.9	4.9	6.9	5.3
Projected	2031	7.0	5.3	3.9	3.9	5.3	5.7	5.9	5.3	5.1	4.3	3.9	4.9	7.0	5.3
	2032	7.0	5.4	3.9	4.0	5.3	5.7	5.9	5.3	5.1	4.3	4.0	5.0	7.0	5.3
	2033	7.1	5.4	4.0	4.0	5.3	5.7	5.9	5.4	5.2	4.4	4.0	5.0	7.1	5.4
	2034	7.1	5.5	4.0	4.0	5.4	5.8	6.0	5.4	5.2	4.4	4.0	5.0	7.1	5.4
	2035	7.2	5.5	4.0	4.1	5.4	5.8	6.0	5.4	5.2	4.5	4.1	5.1	7.2	5.4
	2036	7.2	5.5	4.1	4.1	5.5	5.9	6.1	5.5	5.3	4.5	4.1	5.1	7.2	5.5
	2037	7.3	5.6	4.1	4.1	5.5	5.9	6.1	5.5	5.3	4.5	4.1	5.1	7.3	5.5
	2038	7.3	5.6	4.1	4.1	5.5	6.0	6.1	5.5	5.3	4.5	4.1	5.2	7.3	5.5
	2039	7.4	5.6	4.2	4.2	5.6	6.0	6.2	5.6	5.4	4.6	4.2	5.2	7.4	5.6
	2040	7.4	5.7	4.2	4.2	5.6	6.0	6.2	5.6	5.4	4.6	4.2	5.2	7.4	5.6

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	100.0%	86.9%	67.7%	100.0%	98.4%	95.3%	90.3%	100.0%	77.0%	82.5%	66.7%	59.4%	96.8%	96.8%
	2012	98.8%	93.6%	84.1%	73.5%	96.2%	95.2%	85.2%	69.6%	65.1%	72.7%	65.9%	100.0%	96.2%	85.2%
	2013	100.0%	95.7%	100.0%	81.0%	92.0%	94.4%	96.5%	87.9%	98.1%	96.7%	52.2%	59.0%	96.4%	83.4%
	2014	84.2%	99.4%	93.2%	100.0%	97.0%	88.4%	97.8%	82.5%	88.3%	71.1%	95.7%	91.8%	84.2%	82.5%
	2015	97.4%	100.0%	66.1%	93.9%	99.0%	79.9%	91.9%	94.6%	82.1%	91.8%	77.2%	55.9%	96.6%	79.9%
	2016	88.4%	96.4%	96.1%	100.0%	100.0%	94.9%	97.0%	94.7%	93.8%	80.5%	75.3%	57.9%	50.6%	97.0%
	2017	93.0%	60.9%	69.4%	96.4%	84.0%	88.4%	97.0%	65.0%	85.9%	97.4%	74.8%	97.3%	53.8%	65.0%
	2018	99.1%	56.8%	56.6%	69.4%	90.6%	86.9%	66.9%	98.9%	92.4%	100.0%	52.6%	94.4%	99.1%	90.5%
	2019	68.5%	61.5%	54.2%	96.9%	96.9%	98.0%	97.3%	75.7%	93.5%	47.6%	50.5%	56.0%	47.7%	97.0%
	2020	100.0%	39.2%	83.5%	100.0%	95.8%	88.3%	95.5%	90.8%	96.1%	84.0%	67.8%	77.0%	62.9%	87.0%
Projected	2021	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.1%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2022	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.1%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2023	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2024	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2025	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2026	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2027	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2028	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2029	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2030	92.9%	79.0%	77.1%	91.1%	95.0%	90.9%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2011-2020	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	86.0%	87.2%	82.4%	67.9%	74.9%	78.4%	86.4%
	2021-2030	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%

FMPA 2021 Load Forecast - Severe Weather Case - Havana

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

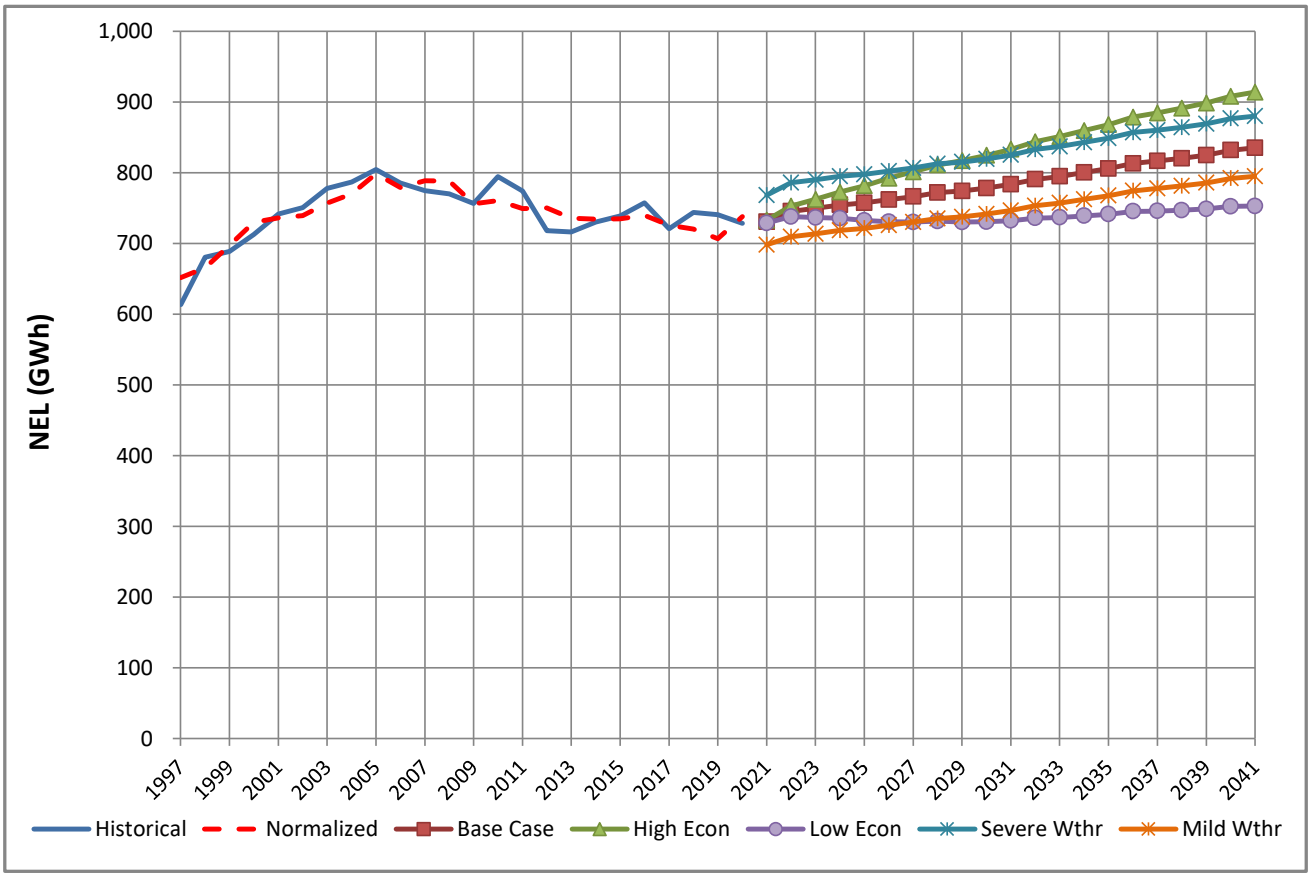
		Residential						General Service						TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	13,929		1,105		12,602		11,284		262		43.2		25,213		1,311	4.9%	26,524	
	2012	12,131	-12.9%	1,100	-0.5%	11,032	-12.5%	10,538	-6.6%	263	0.5%	40.1	-7.1%	22,669	-10.1%	1,261	5.3%	23,930	-9.8%
	2013	12,395	2.2%	1,104	0.3%	11,232	1.8%	10,844	2.9%	263	0.1%	41.2	2.8%	23,239	2.5%	1,346	5.5%	24,585	2.7%
	2014	13,182	6.3%	1,102	-0.1%	11,959	6.5%	10,739	-1.0%	270	2.6%	39.8	-3.5%	23,921	2.9%	1,255	5.0%	25,176	2.4%
	2015	13,446	2.0%	1,115	1.1%	12,065	0.9%	11,020	2.6%	298	10.3%	37.0	-7.0%	24,466	2.3%	1,305	5.1%	25,771	2.4%
	2016	13,129	-2.4%	1,122	0.6%	11,706	-3.0%	10,311	-6.4%	320	7.4%	32.2	-12.9%	23,440	-4.2%	1,485	6.0%	24,925	-3.3%
	2017	12,617	-3.9%	1,134	1.1%	11,123	-5.0%	9,887	-4.1%	316	-1.1%	31.3	-3.0%	22,504	-4.0%	1,130	4.8%	23,634	-5.2%
	2018	13,908	10.2%	1,139	0.4%	12,213	9.8%	10,199	3.2%	317	0.1%	32.2	3.0%	24,107	7.1%	1,295	5.1%	25,402	7.5%
	2019	13,868	-0.3%	1,138	0.0%	12,182	-0.3%	10,250	0.5%	311	-1.8%	32.9	2.3%	24,118	0.0%	1,519	5.9%	25,637	0.9%
	2020	13,963	0.7%	1,166	2.5%	11,972	-1.7%	9,630	-6.0%	291	-6.6%	33.1	0.6%	23,593	-2.2%	1,128	4.6%	24,721	-3.6%
Projected	2021	16,137	15.6%	1,198	2.7%	13,465	12.5%	9,427	-2.1%	259	-10.9%	36.4	9.9%	25,563	8.4%	1,445	5.4%	27,009	9.3%
	2022	16,296	1.0%	1,206	0.6%	13,516	0.4%	9,553	1.3%	262	1.3%	36.4	0.0%	25,849	1.1%	1,455	5.3%	27,305	1.1%
	2023	16,287	-0.1%	1,211	0.5%	13,447	-0.5%	9,610	0.6%	264	0.5%	36.4	0.1%	25,897	0.2%	1,461	5.3%	27,357	0.2%
	2024	16,282	0.0%	1,215	0.3%	13,397	-0.4%	9,664	0.6%	265	0.4%	36.5	0.1%	25,945	0.2%	1,527	5.6%	27,472	0.4%
	2025	16,239	-0.3%	1,219	0.3%	13,326	-0.5%	9,717	0.6%	266	0.4%	36.5	0.1%	25,955	0.0%	1,466	5.3%	27,421	-0.2%
	2026	16,215	-0.1%	1,221	0.2%	13,280	-0.3%	9,768	0.5%	267	0.4%	36.6	0.1%	25,983	0.1%	1,468	5.3%	27,451	0.1%
	2027	16,235	0.1%	1,223	0.2%	13,273	0.0%	9,830	0.6%	268	0.4%	36.7	0.2%	26,065	0.3%	1,473	5.3%	27,538	0.3%
	2028	16,270	0.2%	1,225	0.1%	13,284	0.1%	9,896	0.7%	269	0.4%	36.8	0.3%	26,166	0.4%	1,541	5.6%	27,706	0.6%
	2029	16,330	0.4%	1,226	0.1%	13,322	0.3%	9,962	0.7%	270	0.4%	36.9	0.3%	26,292	0.5%	1,486	5.3%	27,778	0.3%
	2030	16,410	0.5%	1,227	0.1%	13,378	0.4%	10,028	0.7%	271	0.4%	37.0	0.3%	26,438	0.6%	1,494	5.3%	27,932	0.6%
	2031	16,509	0.6%	1,227	0.1%	13,452	0.6%	10,096	0.7%	272	0.4%	37.1	0.3%	26,605	0.6%	1,504	5.3%	28,108	0.6%
	2032	16,615	0.6%	1,228	0.1%	13,531	0.6%	10,167	0.7%	273	0.4%	37.2	0.3%	26,782	0.7%	1,577	5.6%	28,359	0.9%
	2033	16,735	0.7%	1,228	0.0%	13,624	0.7%	10,241	0.7%	274	0.4%	37.3	0.4%	26,976	0.7%	1,525	5.4%	28,501	0.5%
	2034	16,869	0.8%	1,228	0.0%	13,733	0.8%	10,316	0.7%	275	0.4%	37.5	0.4%	27,186	0.8%	1,537	5.4%	28,722	0.8%
	2035	17,002	0.8%	1,228	0.0%	13,841	0.8%	10,390	0.7%	276	0.4%	37.6	0.4%	27,392	0.8%	1,548	5.4%	28,940	0.8%
	2036	17,125	0.7%	1,228	0.0%	13,941	0.7%	10,463	0.7%	277	0.4%	37.7	0.4%	27,588	0.7%	1,625	5.6%	29,212	0.9%
	2037	17,245	0.7%	1,228	0.0%	14,039	0.7%	10,535	0.7%	278	0.4%	37.9	0.3%	27,780	0.7%	1,570	5.3%	29,350	0.5%
	2038	17,359	0.7%	1,228	0.0%	14,131	0.7%	10,604	0.7%	279	0.3%	38.0	0.3%	27,963	0.7%	1,581	5.3%	29,543	0.7%
	2039	17,480	0.7%	1,228	0.0%	14,233	0.7%	10,675	0.7%	280	0.3%	38.1	0.3%	28,155	0.7%	1,591	5.3%	29,746	0.7%
	2040	17,598	0.7%	1,228	0.0%	14,330	0.7%	10,745	0.7%	281	0.3%	38.2	0.3%	28,343	0.7%	1,669	5.6%	30,012	0.9%
CAGR	2011-2020		0.0%		0.6%		-0.6%		-1.7%		1.2%		-2.9%		-0.7%		5.2%		-0.8%
	2021-2030		0.2%		0.3%		-0.1%		0.7%		0.5%		0.2%		0.4%		5.4%		0.4%
	2031-2040		0.7%		0.0%		0.7%		0.7%		0.4%		0.3%		0.7%		5.4%		0.7%

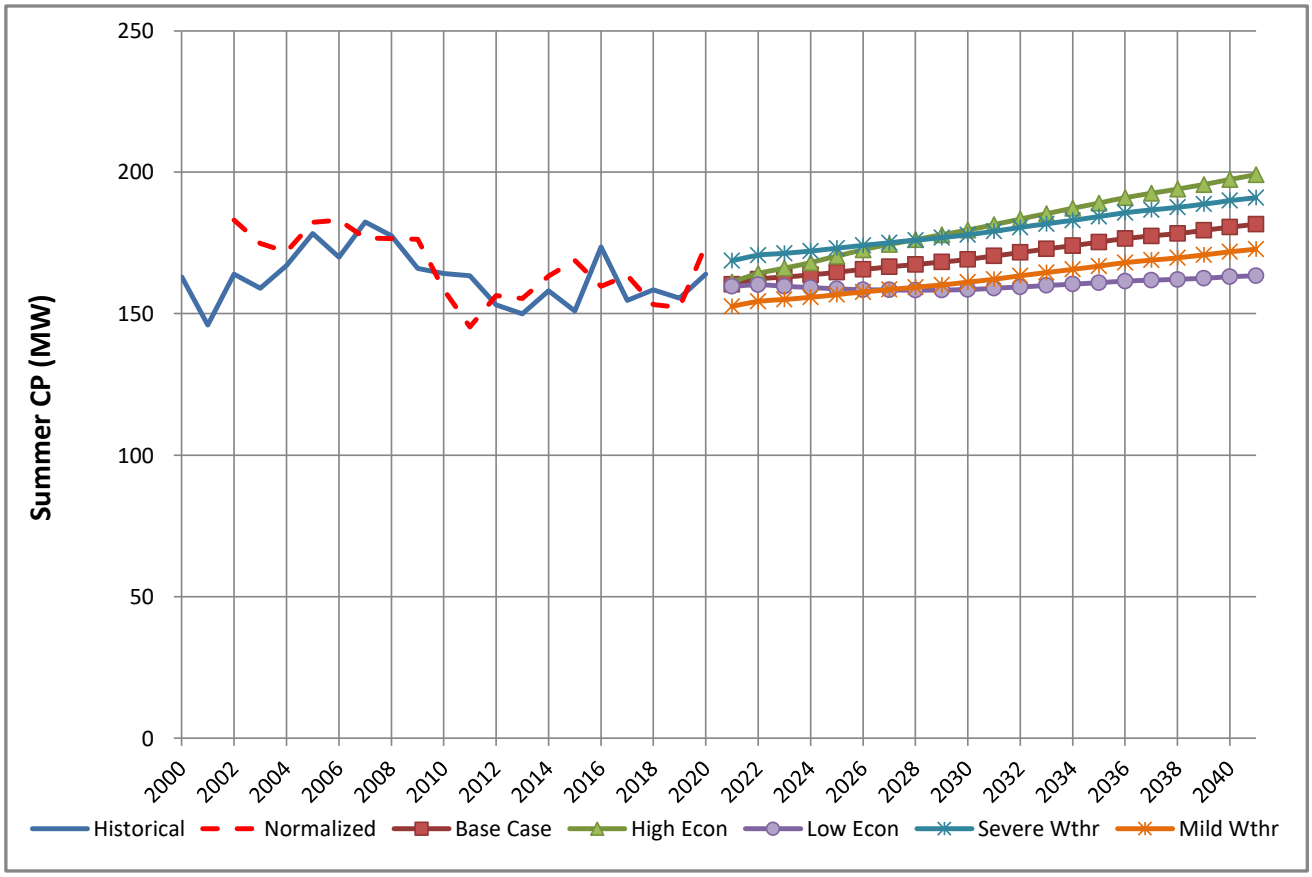
CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast

Jacksonville Beach

Historical and Projected NEL and Annual Coincident Peak Demand





FMPA 2021 Load Forecast - Low Economic Case

Jacksonville Beach

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	774,250	-	749,547	-	-3.2%	208.7	-	200.3	-	-4.0%	163.4	-	146.5		-10.4%
	2012	718,167	-7.2%	750,308	0.1%	4.5%	171.1	-18.0%	164.5	-17.8%	-3.8%	153.1	-6.3%	154.2	5.3%	0.7%
	2013	716,333	-0.3%	735,933	-1.9%	2.7%	161.5	-5.6%	163.6	-0.5%	1.3%	149.9	-2.1%	153.2	-0.6%	2.2%
	2014	730,250	1.9%	734,602	-0.2%	0.6%	166.4	3.1%	177.0	8.2%	6.4%	158.1	5.5%	160.9	5.1%	1.8%
	2015	738,958	1.2%	735,085	0.1%	-0.5%	195.1	17.3%	176.9	0.0%	-9.3%	151.0	-4.5%	168.9	4.9%	11.8%
	2016	757,330	2.5%	740,063	0.7%	-2.3%	120.2	-38.4%	177.0	0.0%	47.2%	173.5	14.9%	159.7	-5.5%	-8.0%
	2017	721,030	-4.8%	725,975	-1.9%	0.7%	101.6	-15.5%	121.0	-31.6%	19.2%	154.7	-10.8%	163.5	2.4%	5.7%
	2018	744,119	3.2%	720,633	-0.7%	-3.2%	213.8	110.5%	209.0	72.7%	-2.2%	158.4	2.4%	153.3	-6.3%	-3.2%
	2019	740,837	-0.4%	706,888	-1.9%	-4.6%	112.1	-47.6%	181.9	-13.0%	62.3%	155.4	-1.9%	152.2	-0.7%	-2.1%
	2020	728,428	-1.7%	737,913	4.4%	1.3%	104.1	-7.1%	171.6	-5.6%	64.9%	163.9	5.5%	174.1	14.4%	6.2%
Projected	2021	729,001	0.1%	729,001	-1.2%		166.6	60.1%	166.6	-2.9%		159.7	-2.6%	159.7	-8.3%	
	2022			737,841	1.2%				169.4	1.7%				160.2	0.4%	
	2023			736,532	-0.2%				169.2	-0.1%				159.7	-0.3%	
	2024			735,663	-0.1%				168.1	-0.6%				159.3	-0.3%	
	2025			732,557	-0.4%				168.1	0.0%				158.9	-0.3%	
	2026			730,935	-0.2%				167.6	-0.3%				158.5	-0.2%	
	2027			730,326	-0.1%				167.4	-0.1%				158.4	-0.1%	
	2028			731,558	0.2%				167.0	-0.3%				158.4	0.0%	
	2029			730,159	-0.2%				167.3	0.2%				158.4	0.0%	
	2030			730,703	0.1%				167.4	0.0%				158.6	0.1%	
	2031			732,386	0.2%				167.7	0.2%				159.0	0.3%	
	2032			736,011	0.5%				167.8	0.1%				159.5	0.3%	
	2033			736,843	0.1%				168.7	0.5%				160.0	0.3%	
	2034			739,153	0.3%				169.3	0.3%				160.5	0.3%	
	2035			741,411	0.3%				169.8	0.3%				161.0	0.3%	
	2036			745,487	0.5%				170.0	0.1%				161.6	0.4%	
	2037			745,948	0.1%				170.9	0.5%				161.9	0.2%	
	2038			747,004	0.1%				171.1	0.1%				162.2	0.2%	
	2039			748,687	0.2%				171.5	0.2%				162.6	0.3%	
	2040			752,442	0.5%				171.6	0.1%				163.1	0.3%	
CAGR [3]	2011-2020		-0.7%		-0.2%			-7.4%		-1.7%			0.0%		1.9%	
	2021-2030				0.0%					0.0%					-0.1%	
	2031-2040				0.3%					0.3%					0.3%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Jacksonville Beach

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	774,250	-	774,250	-	208.7	172.2	208.7	172.2	208.7	163.4	208.7	163.4
	2012	718,167	-7.2%	718,167	-7.2%	171.1	170.3	171.1	170.3	171.1	153.1	171.1	153.1
	2013	716,333	-0.3%	716,333	-0.3%	168.2	157.9	168.2	157.9	161.5	149.9	161.5	149.9
	2014	730,250	1.9%	730,250	1.9%	192.1	166.4	192.1	166.4	166.4	158.1	166.4	158.1
	2015	738,958	1.2%	738,958	1.2%	195.1	165.1	195.1	165.1	195.1	151.0	195.1	151.0
	2016	757,330	2.5%	757,330	2.5%	171.8	178.0	171.8	178.0	120.2	173.5	120.2	173.5
	2017	721,030	-4.8%	721,030	-4.8%	153.8	162.1	153.8	162.1	101.6	154.7	101.6	154.7
	2018	744,119	3.2%	744,119	3.2%	213.8	166.3	213.8	166.3	213.8	158.4	213.8	158.4
	2019	740,837	-0.4%	740,837	-0.4%	149.3	168.6	149.3	168.6	112.1	155.4	112.1	155.4
	2020	728,428	-1.7%	716,763	-3.2%	151.1	169.9	177.6	158.7	104.1	163.9	168.6	151.9
Projected	2021	729,001	0.1%	731,363	2.0%	175.5	167.0	181.6	163.8	166.6	159.7	172.4	156.7
	2022	737,841	1.2%	734,228	0.4%	178.4	167.6	183.6	163.6	169.4	160.2	174.3	156.5
	2023	736,532	-0.2%	731,861	-0.3%	178.2	167.1	183.1	162.9	169.2	159.7	173.8	155.9
	2024	735,663	-0.1%	730,601	-0.2%	177.1	166.6	181.9	162.4	168.1	159.3	172.7	155.3
	2025	732,557	-0.4%	727,234	-0.5%	177.0	166.2	181.8	162.0	168.1	158.9	172.6	155.0
	2026	730,935	-0.2%	726,677	-0.1%	176.5	165.8	181.6	162.0	167.6	158.5	172.4	155.0
	2027	730,326	-0.1%	726,750	0.0%	176.3	165.7	181.6	162.0	167.4	158.4	172.4	155.0
	2028	731,558	0.2%	728,298	0.2%	175.8	165.7	181.2	162.0	167.0	158.4	172.0	155.0
	2029	730,159	-0.2%	727,002	-0.2%	176.2	165.7	181.6	162.0	167.3	158.4	172.4	155.0
	2030	730,703	0.1%	727,461	0.1%	176.3	165.9	181.7	162.2	167.4	158.6	172.5	155.2
	2031	732,386	0.2%	728,670	0.2%	176.6	166.4	181.9	162.5	167.7	159.0	172.7	155.5
	2032	736,011	0.5%	731,753	0.4%	176.8	166.9	182.0	162.9	167.8	159.5	172.8	155.8
	2033	736,843	0.1%	731,914	0.0%	177.7	167.4	182.7	163.2	168.7	160.0	173.5	156.2
	2034	739,153	0.3%	733,561	0.2%	178.3	167.9	183.2	163.6	169.3	160.5	173.9	156.5
	2035	741,411	0.3%	735,135	0.2%	178.8	168.4	183.5	164.0	169.8	161.0	174.3	156.9
	2036	745,487	0.5%	738,490	0.5%	179.0	169.0	183.6	164.4	170.0	161.6	174.4	157.3
	2037	745,948	0.1%	738,235	0.0%	180.0	169.4	184.4	164.6	170.9	161.9	175.1	157.4
	2038	747,004	0.1%	738,706	0.1%	180.2	169.6	184.5	164.7	171.1	162.2	175.2	157.6
	2039	748,687	0.2%	739,638	0.1%	180.6	170.1	184.7	164.9	171.5	162.6	175.4	157.8
	2040	752,442	0.5%			180.7	170.6			171.6	163.1		
CAGR[1]	Historical		-0.7%		-0.5%	-3.5%	-0.1%	-4.1%	-0.3%	-6.0%	0.9%	-5.9%	0.2%
	1st 10 Prj Yrs		0.0%		0.2%	0.0%	-0.1%	0.2%	0.2%	0.0%	-0.1%	0.2%	0.2%
	2nd 10 Prj Yrs		0.3%		0.2%	0.3%	0.3%	0.2%	0.2%	0.3%	0.3%	0.2%	0.2%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Jacksonville Beach

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	774,250	-	749,547	-	-3.2%	208.7	-	200.3	-	-4.0%	163.4	-	146.5		-10.4%
	2012	718,167	-7.2%	750,308	0.1%	4.5%	171.1	-18.0%	164.5	-17.8%	-3.8%	153.1	-6.3%	154.2	5.3%	0.7%
	2013	716,333	-0.3%	735,933	-1.9%	2.7%	161.5	-5.6%	163.6	-0.5%	1.3%	149.9	-2.1%	153.2	-0.6%	2.2%
	2014	730,250	1.9%	734,602	-0.2%	0.6%	166.4	3.1%	177.0	8.2%	6.4%	158.1	5.5%	160.9	5.1%	1.8%
	2015	738,958	1.2%	735,085	0.1%	-0.5%	195.1	17.3%	176.9	0.0%	-9.3%	151.0	-4.5%	168.9	4.9%	11.8%
	2016	757,330	2.5%	740,063	0.7%	-2.3%	120.2	-38.4%	177.0	0.0%	47.2%	173.5	14.9%	159.7	-5.5%	-8.0%
	2017	721,030	-4.8%	725,975	-1.9%	0.7%	101.6	-15.5%	121.0	-31.6%	19.2%	154.7	-10.8%	163.5	2.4%	5.7%
	2018	744,119	3.2%	720,633	-0.7%	-3.2%	213.8	110.5%	209.0	72.7%	-2.2%	158.4	2.4%	153.3	-6.3%	-3.2%
	2019	740,837	-0.4%	706,888	-1.9%	-4.6%	112.1	-47.6%	181.9	-13.0%	62.3%	155.4	-1.9%	152.2	-0.7%	-2.1%
	2020	728,428	-1.7%	717,584	1.5%	-1.5%	104.1	-7.1%	171.6	-5.6%	64.9%	163.9	5.5%	174.1	14.4%	6.2%
Projected	2021	727,603	-0.1%	727,603	1.4%		166.6	60.1%	166.6	-2.9%		159.3	-2.8%	159.3	-8.5%	
	2022			736,069	1.2%				169.4	1.7%				159.8	0.3%	
	2023			734,385	-0.2%				169.2	-0.1%				159.2	-0.4%	
	2024			733,091	-0.2%				168.1	-0.6%				158.6	-0.4%	
	2025			729,527	-0.5%				168.1	0.0%				158.1	-0.3%	
	2026			727,274	-0.3%				167.6	-0.3%				157.7	-0.3%	
	2027			725,980	-0.2%				167.4	-0.1%				157.4	-0.2%	
	2028			726,479	0.1%				167.0	-0.3%				157.2	-0.1%	
	2029			724,324	-0.3%				167.3	0.2%				157.0	-0.1%	
	2030			724,073	0.0%				167.4	0.0%				157.0	0.0%	
	2031			725,229	0.2%				167.7	0.2%				157.3	0.2%	
	2032			728,308	0.4%				167.8	0.1%				157.7	0.2%	
	2033			728,654	0.0%				168.7	0.5%				158.1	0.3%	
	2034			730,408	0.2%				169.3	0.3%				158.4	0.2%	
	2035			732,130	0.2%				169.8	0.3%				158.8	0.3%	
	2036			735,653	0.5%				170.0	0.1%				159.2	0.3%	
	2037			735,480	0.0%				170.9	0.5%				159.4	0.1%	
	2038			735,920	0.1%				171.1	0.1%				159.5	0.1%	
	2039			736,926	0.1%				171.5	0.2%				159.8	0.2%	
	2040			739,986	0.4%				171.6	0.1%				160.1	0.2%	
CAGR [3]	2011-2020		-0.7%		-0.5%			-7.4%		-1.7%			0.0%		1.9%	
	2021-2030				-0.1%					0.0%					-0.2%	
	2031-2040				0.2%					0.3%					0.2%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Jacksonville Beach

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	774,250	-	749,547	-	-3.2%	208.7	-	42.4%	172.2	-	51.3%
	2012	718,167	-7.2%	750,308	0.1%	4.5%	171.1	-18.0%	47.9%	170.3	-1.1%	48.1%
	2013	716,333	-0.3%	735,933	-1.9%	2.7%	168.2	-1.7%	48.6%	157.9	-7.3%	51.8%
	2014	730,250	1.9%	734,602	-0.2%	0.6%	192.1	14.2%	43.4%	166.4	5.3%	50.1%
	2015	738,958	1.2%	735,085	0.1%	-0.5%	195.1	1.6%	43.2%	165.1	-0.8%	51.1%
	2016	757,330	2.5%	740,063	0.7%	-2.3%	171.8	-11.9%	50.3%	178.0	7.9%	48.6%
	2017	721,030	-4.8%	725,975	-1.9%	0.7%	153.8	-10.5%	53.5%	162.1	-8.9%	50.8%
	2018	744,119	3.2%	720,633	-0.7%	-3.2%	213.8	39.0%	39.7%	166.3	2.6%	51.1%
	2019	740,837	-0.4%	706,888	-1.9%	-4.6%	149.3	-30.1%	56.6%	168.6	1.4%	50.2%
	2020	728,428	-1.7%	737,913	4.4%	1.3%	151.1	1.2%	55.0%	169.9	0.8%	48.9%
Projected	2021	727,603	-0.1%	727,603	-1.4%		175.5	16.2%	47.3%	166.7	-1.9%	49.8%
	2022	736,069	1.2%	736,069	1.2%		178.4	1.7%	47.1%	167.2	0.3%	50.2%
	2023	734,385	-0.2%	734,385	-0.2%		178.2	-0.1%	47.0%	166.6	-0.4%	50.3%
	2024	733,091	-0.2%	733,091	-0.2%		177.1	-0.6%	47.3%	166.0	-0.4%	50.4%
	2025	729,527	-0.5%	729,527	-0.5%		177.0	0.0%	47.0%	165.5	-0.3%	50.3%
	2026	727,274	-0.3%	727,274	-0.3%		176.5	-0.3%	47.0%	165.0	-0.3%	50.3%
	2027	725,980	-0.2%	725,980	-0.2%		176.3	-0.1%	47.0%	164.7	-0.2%	50.3%
	2028	726,479	0.1%	726,479	0.1%		175.8	-0.3%	47.2%	164.5	-0.1%	50.4%
	2029	724,324	-0.3%	724,324	-0.3%		176.2	0.2%	46.9%	164.3	-0.1%	50.3%
	2030	724,073	0.0%	724,073	0.0%		176.3	0.0%	46.9%	164.3	0.0%	50.3%
	2031	725,229	0.2%	725,229	0.2%		176.6	0.2%	46.9%	164.7	0.2%	50.3%
	2032	728,308	0.4%	728,308	0.4%		176.8	0.1%	47.0%	165.0	0.2%	50.4%
	2033	728,654	0.0%	728,654	0.0%		177.7	0.5%	46.8%	165.5	0.3%	50.3%
	2034	730,408	0.2%	730,408	0.2%		178.3	0.3%	46.8%	165.8	0.2%	50.3%
	2035	732,130	0.2%	732,130	0.2%		178.8	0.3%	46.7%	166.2	0.3%	50.3%
	2036	735,653	0.5%	735,653	0.5%		179.0	0.1%	46.9%	166.7	0.3%	50.4%
	2037	735,480	0.0%	735,480	0.0%		180.0	0.5%	46.6%	166.9	0.1%	50.3%
	2038	735,920	0.1%	735,920	0.1%		180.2	0.1%	46.6%	167.0	0.1%	50.3%
	2039	736,926	0.1%	736,926	0.1%		180.6	0.2%	46.6%	167.3	0.2%	50.3%
	2040	739,986	0.4%	739,986	0.4%		180.7	0.1%	46.7%	167.7	0.2%	50.4%
CAGR [1]	2011-2020		-0.7%		-0.2%			-3.5%	48.1%		-0.1%	50.2%
	2021-2030		-0.1%		-0.1%			0.0%	47.1%		-0.2%	50.3%
	2031-2040		0.2%		0.2%			0.3%	46.8%		0.2%	50.3%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Jacksonville Beach

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	67,375	50,187	49,037	55,672	65,313	74,001	79,432	83,666	69,982	54,165	47,730	50,562	747,122	774,250
	2012	55,047	48,059	51,324	53,841	65,188	68,237	82,488	72,026	69,501	59,407	48,781	53,525	727,423	718,167
	2013	50,771	47,821	54,012	49,912	59,437	71,484	73,815	78,095	69,273	57,997	48,728	51,950	713,294	716,333
	2014	68,815	50,366	51,468	50,155	61,889	69,451	75,799	77,428	66,205	56,550	50,366	53,983	732,474	730,250
	2015	59,079	55,394	49,754	53,194	66,938	73,046	78,605	75,241	66,809	56,999	53,537	52,394	740,990	738,958
	2016	60,746	52,275	50,319	51,629	64,442	75,667	86,818	81,440	71,064	58,174	48,650	51,102	752,326	757,330
	2017	52,428	43,715	51,259	56,239	66,414	67,669	78,132	78,958	68,289	64,622	47,689	55,413	730,828	721,030
	2018	71,378	45,218	49,352	48,442	62,084	70,658	74,449	76,688	78,126	65,133	50,959	53,325	745,811	744,119
	2019	56,524	43,913	49,256	52,243	70,047	72,597	76,681	77,720	72,439	65,159	47,296	50,233	734,108	740,837
	2020	53,645	48,236	53,996	50,526	62,014	69,124	80,214	77,335	70,649	58,010	46,300	51,992	722,042	728,428
Projected	2021	61,425	48,080	52,971	50,755	62,325	69,446	77,840	76,916	71,543	60,495	47,107	52,949	731,852	727,603
	2022	62,409	48,773	53,703	51,204	62,783	69,816	78,108	77,093	71,630	60,505	47,057	52,905	735,985	736,069
	2023	62,325	48,682	53,583	51,110	62,666	69,626	77,828	76,774	71,323	60,249	46,895	52,734	733,796	734,385
	2024	62,033	49,862	53,348	50,973	62,534	69,414	77,533	76,465	71,052	60,050	46,780	52,637	732,680	733,091
	2025	61,839	48,226	53,179	50,873	62,425	69,234	77,283	76,196	70,806	59,840	46,636	52,503	729,039	729,527
	2026	61,631	48,043	52,988	50,735	62,275	69,035	77,040	75,955	70,594	59,680	46,527	52,425	726,927	727,274
	2027	61,521	47,947	52,880	50,658	62,201	68,930	76,912	75,824	70,475	59,583	46,450	52,377	725,758	725,980
	2028	61,450	49,319	52,795	50,594	62,140	68,846	76,816	75,725	70,385	59,513	46,393	52,352	726,328	726,479
	2029	61,414	47,845	52,728	50,541	62,090	68,775	76,733	75,639	70,301	59,445	46,332	52,326	724,168	724,324
	2030	61,389	47,825	52,687	50,515	62,082	68,763	76,737	75,651	70,322	59,499	46,374	52,407	724,249	724,073
Projected	2031	61,494	47,906	52,759	50,590	62,184	68,880	76,878	75,798	70,461	59,621	46,464	52,540	725,574	725,229
	2032	61,656	49,472	52,871	50,694	62,322	69,029	77,051	75,970	70,619	59,757	46,560	52,673	728,673	728,308
	2033	61,821	48,163	52,992	50,809	62,471	69,197	77,248	76,164	70,800	59,908	46,668	52,824	729,065	728,654
	2034	62,004	48,303	53,116	50,920	62,612	69,348	77,421	76,333	70,951	60,034	46,754	52,945	730,741	730,408
	2035	62,158	48,424	53,228	51,027	62,757	69,510	77,617	76,534	71,139	60,198	46,873	53,111	732,578	732,130
	2036	62,362	50,037	53,373	51,160	62,926	69,698	77,834	76,748	71,334	60,352	46,978	53,261	736,063	735,653
	2037	62,537	48,707	53,469	51,238	63,021	69,787	77,924	76,820	71,384	60,387	46,987	53,293	735,555	735,480
	2038	62,581	48,741	53,484	51,258	63,059	69,828	77,980	76,880	71,442	60,436	47,018	53,366	736,074	735,920
	2039	62,678	48,818	53,543	51,316	63,147	69,926	78,104	77,009	71,565	60,546	47,094	53,491	737,237	736,926
	2040	62,836	50,406	53,648	51,414	63,279	70,074	78,281	77,187	71,729	60,688	47,192	53,638	740,372	739,986

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	9.0%	6.7%	6.6%	7.5%	8.7%	9.9%	10.6%	11.2%	9.4%	7.2%	6.4%	6.8%	100.0%
	2012	7.6%	6.6%	7.1%	7.4%	9.0%	9.4%	11.3%	9.9%	9.6%	8.2%	6.7%	7.4%	100.0%
	2013	7.1%	6.7%	7.6%	7.0%	8.3%	10.0%	10.3%	10.9%	9.7%	8.1%	6.8%	7.3%	100.0%
	2014	9.4%	6.9%	7.0%	6.8%	8.4%	9.5%	10.3%	10.6%	9.0%	7.7%	6.9%	7.4%	100.0%
	2015	8.0%	7.5%	6.7%	7.2%	9.0%	9.9%	10.6%	10.2%	9.0%	7.7%	7.2%	7.1%	100.0%
	2016	8.1%	6.9%	6.7%	6.9%	8.6%	10.1%	11.5%	10.8%	9.4%	7.7%	6.5%	6.8%	100.0%
	2017	7.2%	6.0%	7.0%	7.7%	9.1%	9.3%	10.7%	10.8%	9.3%	8.8%	6.5%	7.6%	100.0%
	2018	9.6%	6.1%	6.6%	6.5%	8.3%	9.5%	10.0%	10.3%	10.5%	8.7%	6.8%	7.1%	100.0%
	2019	7.7%	6.0%	6.7%	7.1%	9.5%	9.9%	10.4%	10.6%	9.9%	8.9%	6.4%	6.8%	100.0%
	2020	7.4%	6.7%	7.5%	7.0%	8.6%	9.6%	11.1%	10.7%	9.8%	8.0%	6.4%	7.2%	100.0%
Projected	2021	8.4%	6.6%	7.2%	6.9%	8.5%	9.5%	10.6%	10.5%	9.8%	8.3%	6.4%	7.2%	100.0%
	2022	8.5%	6.6%	7.3%	7.0%	8.5%	9.5%	10.6%	10.5%	9.7%	8.2%	6.4%	7.2%	100.0%
	2023	8.5%	6.6%	7.3%	7.0%	8.5%	9.5%	10.6%	10.5%	9.7%	8.2%	6.4%	7.2%	100.0%
	2024	8.5%	6.8%	7.3%	7.0%	8.5%	9.5%	10.6%	10.4%	9.7%	8.2%	6.4%	7.2%	100.0%
	2025	8.5%	6.6%	7.3%	7.0%	8.6%	9.5%	10.6%	10.5%	9.7%	8.2%	6.4%	7.2%	100.0%
	2026	8.5%	6.6%	7.3%	7.0%	8.6%	9.5%	10.6%	10.4%	9.7%	8.2%	6.4%	7.2%	100.0%
	2027	8.5%	6.6%	7.3%	7.0%	8.6%	9.5%	10.6%	10.4%	9.7%	8.2%	6.4%	7.2%	100.0%
	2028	8.5%	6.8%	7.3%	7.0%	8.6%	9.5%	10.6%	10.4%	9.7%	8.2%	6.4%	7.2%	100.0%
	2029	8.5%	6.6%	7.3%	7.0%	8.6%	9.5%	10.6%	10.4%	9.7%	8.2%	6.4%	7.2%	100.0%
	2030	8.5%	6.6%	7.3%	7.0%	8.6%	9.5%	10.6%	10.4%	9.7%	8.2%	6.4%	7.2%	100.0%
Avg.	2011-2020	8.1%	6.6%	6.9%	7.1%	8.8%	9.7%	10.7%	10.6%	9.6%	8.1%	6.7%	7.1%	100.0%
	2021-2030	8.5%	6.6%	7.3%	7.0%	8.6%	9.5%	10.6%	10.5%	9.7%	8.2%	6.4%	7.2%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Low Economic Case

Jacksonville Beach

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	200.1	141.3	100.3	124.2	143.1	156.6	164.0	172.2	156.4	117.5	101.0	103.3	208.7	172.2
	2012	171.1	170.0	102.8	123.7	139.1	170.3	163.3	150.2	149.6	129.0	113.9	132.4	171.1	170.3
	2013	124.0	168.2	161.5	111.1	135.2	157.9	148.2	155.5	152.4	133.6	117.8	114.9	168.2	157.9
	2014	192.1	153.6	114.6	116.8	145.2	152.9	164.1	166.4	156.6	131.5	158.4	128.9	192.1	166.4
	2015	150.5	195.1	105.0	129.0	150.6	159.1	165.1	156.4	148.5	126.4	124.1	108.5	195.1	165.1
	2016	171.8	164.0	114.6	126.4	136.2	166.2	178.0	167.0	150.9	137.6	110.0	114.4	171.8	178.0
	2017	153.8	94.3	131.4	134.3	152.7	151.6	158.2	162.1	151.6	146.0	99.4	149.9	153.8	162.1
	2018	213.8	116.6	122.4	105.6	135.1	163.6	159.1	158.4	166.3	144.0	127.8	147.2	213.8	166.3
	2019	149.3	109.0	129.4	123.0	161.0	166.1	164.0	168.6	156.9	140.2	111.4	115.5	149.3	168.6
	2020	151.1	129.9	119.6	132.4	139.6	169.9	167.8	162.5	161.8	141.3	109.0	128.2	151.1	169.9
Projected	2021	175.5	152.0	121.6	125.2	148.0	166.7	166.7	166.7	157.5	138.9	110.8	130.3	175.5	166.7
	2022	178.4	154.5	123.7	125.6	148.5	167.2	167.2	167.2	158.0	139.4	110.7	130.2	178.4	167.2
	2023	178.2	154.3	123.5	125.1	148.0	166.6	166.6	166.6	157.4	138.9	110.0	129.4	178.2	166.6
	2024	177.1	153.3	122.7	124.7	147.5	166.0	166.0	166.0	156.8	138.4	109.9	129.3	177.1	166.0
	2025	177.0	153.3	122.7	124.3	147.0	165.5	165.5	165.5	156.3	138.0	109.6	129.0	177.0	165.5
	2026	176.5	152.9	122.4	124.0	146.6	165.0	165.0	165.0	155.8	137.6	109.5	128.8	176.5	165.0
	2027	176.3	152.7	122.2	123.8	146.5	164.7	164.7	164.7	155.6	137.4	109.2	128.5	176.3	164.7
	2028	175.8	152.3	121.9	123.7	146.4	164.5	164.5	164.5	155.4	137.3	109.4	128.7	175.8	164.5
	2029	176.2	152.6	122.1	123.7	146.3	164.3	164.3	164.3	155.2	137.2	109.5	128.8	176.2	164.3
	2030	176.3	152.6	122.2	123.7	146.4	164.3	164.3	164.3	155.2	137.3	109.7	129.0	176.3	164.3
Projected	2031	176.6	152.9	122.4	124.0	146.7	164.7	164.7	164.7	155.5	137.6	109.8	129.1	176.6	164.7
	2032	176.8	153.1	122.5	124.3	147.1	165.0	165.0	165.0	155.8	138.0	110.3	129.8	176.8	165.0
	2033	177.7	153.9	123.2	124.6	147.5	165.5	165.5	165.5	156.2	138.4	110.7	130.3	177.7	165.5
	2034	178.3	154.4	123.6	124.9	147.9	165.8	165.8	165.8	156.6	138.7	111.0	130.6	178.3	165.8
	2035	178.8	154.8	123.9	125.3	148.3	166.2	166.2	166.2	157.0	139.1	111.2	130.8	178.8	166.2
	2036	179.0	155.0	124.1	125.7	148.7	166.7	166.7	166.7	157.4	139.5	111.8	131.5	179.0	166.7
	2037	180.0	155.9	124.8	125.8	149.0	166.9	166.9	166.9	157.6	139.7	111.9	131.7	180.0	166.9
	2038	180.2	156.1	124.9	126.0	149.1	167.0	167.0	167.0	157.7	139.9	112.1	131.9	180.2	167.0
	2039	180.6	156.4	125.2	126.2	149.4	167.3	167.3	167.3	157.9	140.2	112.2	132.0	180.6	167.3
	2040	180.7	156.5	125.3	126.5	149.8	167.7	167.7	167.7	158.3	140.5	112.7	132.6	180.7	167.7

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	45.3%	52.8%	65.7%	62.3%	61.4%	65.6%	65.1%	65.3%	62.2%	62.0%	65.6%	65.8%	40.9%	49.5%
	2012	43.2%	40.6%	67.1%	60.4%	63.0%	55.6%	67.9%	64.5%	64.5%	61.9%	59.5%	54.3%	48.5%	48.8%
	2013	55.0%	42.3%	45.0%	62.4%	59.1%	62.9%	67.0%	67.5%	63.1%	58.4%	57.4%	60.8%	48.4%	51.6%
	2014	48.1%	48.8%	60.3%	59.6%	57.3%	63.1%	62.1%	62.6%	58.7%	57.8%	44.2%	56.3%	43.5%	50.3%
	2015	52.8%	42.2%	63.7%	57.3%	59.7%	63.8%	64.0%	64.7%	62.5%	60.6%	59.9%	64.9%	43.4%	51.2%
	2016	47.5%	45.8%	59.0%	56.7%	63.6%	63.2%	65.5%	65.5%	65.4%	56.8%	61.4%	60.0%	50.0%	48.2%
	2017	45.8%	69.0%	52.4%	58.2%	58.4%	62.0%	66.4%	65.5%	62.6%	59.5%	66.6%	49.7%	54.3%	51.5%
	2018	44.9%	57.7%	54.2%	63.7%	61.8%	60.0%	62.9%	65.1%	65.3%	60.8%	55.4%	48.7%	39.8%	51.2%
	2019	50.9%	59.9%	51.1%	59.0%	58.5%	60.7%	62.9%	62.0%	64.1%	62.5%	59.0%	58.4%	56.1%	49.7%
	2020	47.7%	53.3%	60.7%	53.0%	59.7%	56.5%	64.2%	64.0%	60.7%	55.2%	59.0%	54.5%	54.6%	48.5%
Projected	2021	47.0%	47.1%	58.5%	56.3%	56.6%	57.9%	62.8%	62.0%	63.1%	58.5%	59.1%	54.6%	47.6%	50.1%
	2022	47.0%	47.0%	58.4%	56.6%	56.8%	58.0%	62.8%	62.0%	63.0%	58.4%	59.1%	54.6%	47.1%	50.2%
	2023	47.0%	46.9%	58.3%	56.7%	56.9%	58.0%	62.8%	61.9%	62.9%	58.3%	59.2%	54.8%	47.0%	50.3%
	2024	47.1%	46.7%	58.4%	56.8%	57.0%	58.1%	62.8%	61.9%	62.9%	58.3%	59.1%	54.7%	47.2%	50.4%
	2025	47.0%	46.8%	58.3%	56.8%	57.1%	58.1%	62.8%	61.9%	62.9%	58.3%	59.1%	54.7%	47.0%	50.3%
	2026	46.9%	46.8%	58.2%	56.8%	57.1%	58.1%	62.8%	61.9%	62.9%	58.3%	59.0%	54.7%	47.0%	50.3%
	2027	46.9%	46.7%	58.2%	56.8%	57.1%	58.1%	62.8%	61.9%	62.9%	58.3%	59.1%	54.8%	47.0%	50.3%
	2028	47.0%	46.5%	58.2%	56.8%	57.1%	58.1%	62.8%	61.9%	62.9%	58.3%	58.9%	54.7%	47.2%	50.4%
	2029	46.8%	46.7%	58.0%	56.8%	57.1%	58.1%	62.8%	61.9%	62.9%	58.2%	58.8%	54.6%	46.9%	50.3%
	2030	46.8%	46.6%	58.0%	56.7%	57.0%	58.1%	62.8%	61.9%	62.9%	58.2%	58.7%	54.6%	46.9%	50.3%
Avg.	2011-2020	48.1%	51.3%	57.9%	59.3%	60.2%	61.3%	64.8%	64.7%	62.9%	59.5%	58.8%	57.3%	47.9%	50.0%
	2021-2030	47.0%	46.8%	58.2%	56.7%	57.0%	58.1%	62.8%	61.9%	62.9%	58.3%	59.0%	54.7%	47.1%	50.3%

FMPA 2021 Load Forecast - Low Economic Case

Jacksonville Beach

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	200.1	139.4	100.1	118.9	131.5	148.2	155.0	163.4	117.3	114.6	94.2	91.1	208.7	163.4
	2012	171.1	170.0	99.1	113.2	131.4	135.9	153.1	137.9	142.1	127.2	89.3	132.4	171.1	153.1
	2013	124.0	168.2	161.5	102.3	129.0	149.0	144.4	149.9	138.8	127.1	97.5	96.3	161.5	149.9
	2014	166.4	153.6	104.0	116.1	145.2	145.4	162.8	158.1	145.7	122.2	158.4	128.9	166.4	158.1
	2015	145.4	195.1	97.5	111.5	149.1	151.0	153.6	156.3	148.5	123.8	120.2	99.0	195.1	151.0
	2016	166.7	164.0	112.4	125.9	129.7	160.2	173.5	162.9	140.3	99.4	109.1	101.0	120.2	173.5
	2017	124.0	93.1	101.6	134.3	148.4	149.0	155.9	154.7	143.6	143.9	99.4	149.9	101.6	154.7
	2018	213.8	95.9	94.4	96.5	135.1	162.0	146.8	158.4	152.5	144.0	112.1	147.2	213.8	158.4
	2019	132.3	87.3	92.6	122.5	154.7	155.4	163.4	140.3	156.9	129.2	111.4	88.4	112.1	155.4
	2020	151.1	97.9	104.1	131.4	138.4	163.9	158.0	161.1	155.8	134.4	101.4	119.3	104.1	163.9
Projected	2021	166.6	142.3	108.7	120.3	144.2	158.1	161.0	159.3	147.5	132.1	103.1	121.3	166.6	159.3
	2022	169.4	144.6	110.5	120.7	144.7	158.6	161.5	159.8	148.0	132.5	103.0	121.1	169.4	159.8
	2023	169.2	144.5	110.4	120.3	144.2	158.0	160.9	159.2	147.4	132.1	102.3	120.4	169.2	159.2
	2024	168.1	143.6	109.7	119.8	143.7	157.4	160.3	158.6	146.8	131.6	102.3	120.3	168.1	158.6
	2025	168.1	143.5	109.6	119.5	143.3	156.9	159.7	158.1	146.4	131.2	102.0	120.0	168.1	158.1
	2026	167.6	143.1	109.3	119.2	142.9	156.4	159.3	157.7	145.9	130.8	101.9	119.9	167.6	157.7
	2027	167.4	143.0	109.2	119.0	142.8	156.2	159.0	157.4	145.7	130.7	101.6	119.5	167.4	157.4
	2028	167.0	142.6	108.9	118.9	142.6	156.0	158.8	157.2	145.5	130.5	101.8	119.8	167.0	157.2
	2029	167.3	142.9	109.1	118.8	142.6	155.8	158.6	157.0	145.3	130.5	101.8	119.8	167.3	157.0
	2030	167.4	142.9	109.2	118.9	142.6	155.8	158.6	157.0	145.3	130.6	102.0	120.1	167.4	157.0
Projected	2031	167.7	143.2	109.4	119.1	143.0	156.1	158.9	157.3	145.5	130.8	102.1	120.2	167.7	157.3
	2032	167.8	143.3	109.5	119.4	143.3	156.4	159.3	157.7	145.8	131.2	102.7	120.8	167.8	157.7
	2033	168.7	144.1	110.1	119.7	143.7	156.8	159.7	158.1	146.2	131.5	103.0	121.2	168.7	158.1
	2034	169.3	144.6	110.4	120.0	144.1	157.2	160.0	158.4	146.5	131.9	103.3	121.5	169.3	158.4
	2035	169.8	145.0	110.7	120.4	144.5	157.6	160.4	158.8	146.9	132.2	103.4	121.7	169.8	158.8
	2036	170.0	145.2	110.9	120.7	145.0	158.0	160.9	159.2	147.3	132.6	104.0	122.4	170.0	159.2
	2037	170.9	146.0	111.5	120.9	145.2	158.1	161.0	159.4	147.4	132.8	104.1	122.5	170.9	159.4
	2038	171.1	146.1	111.6	121.0	145.3	158.3	161.2	159.5	147.5	133.0	104.3	122.7	171.1	159.5
	2039	171.5	146.4	111.8	121.2	145.6	158.5	161.4	159.8	147.7	133.2	104.4	122.8	171.5	159.8
	2040	171.6	146.5	111.9	121.6	146.0	158.9	161.8	160.1	148.0	133.6	104.9	123.4	171.6	160.1

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	100.0%	98.6%	99.7%	95.8%	91.9%	94.6%	94.5%	94.9%	75.0%	97.5%	93.2%	88.2%	100.0%	94.9%
	2012	100.0%	100.0%	96.4%	91.5%	94.5%	79.8%	93.7%	91.8%	95.0%	98.6%	78.4%	100.0%	100.0%	89.9%
	2013	100.0%	100.0%	100.0%	92.1%	95.4%	94.4%	97.4%	96.4%	91.1%	95.1%	82.7%	83.8%	96.0%	94.9%
	2014	86.6%	100.0%	90.7%	99.4%	100.0%	95.1%	99.2%	95.0%	93.0%	92.9%	100.0%	100.0%	86.6%	95.0%
	2015	96.6%	100.0%	92.8%	86.4%	99.0%	94.9%	93.0%	99.9%	100.0%	97.9%	96.8%	91.3%	100.0%	91.5%
	2016	97.0%	100.0%	98.0%	99.5%	95.2%	96.4%	97.5%	97.5%	93.0%	72.3%	99.1%	88.2%	70.0%	97.5%
	2017	80.7%	98.7%	77.3%	100.0%	97.2%	98.3%	98.6%	95.4%	94.7%	98.6%	100.0%	100.0%	66.0%	95.4%
	2018	100.0%	82.2%	77.1%	91.4%	100.0%	99.0%	92.2%	100.0%	91.7%	100.0%	87.7%	100.0%	100.0%	95.3%
	2019	88.6%	80.1%	71.6%	99.6%	96.1%	93.6%	99.7%	83.2%	100.0%	92.2%	100.0%	76.5%	75.1%	92.2%
	2020	100.0%	75.3%	87.1%	99.2%	99.1%	96.5%	94.2%	99.1%	96.3%	95.1%	93.0%	93.0%	68.9%	96.5%
Projected	2021	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2022	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2023	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2024	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2025	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2026	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2027	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2028	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2029	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.5%	93.6%	95.1%	93.0%	93.0%	94.9%	95.5%
	2030	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.5%	93.6%	95.1%	93.0%	93.0%	94.9%	95.5%
	2011-2020	94.9%	93.5%	89.1%	95.5%	96.8%	94.3%	96.0%	95.3%	93.0%	94.0%	93.1%	92.1%	86.3%	94.3%
	2021-2030	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%

FMPA 2021 Load Forecast - Low Economic Case - Beaches Energy

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service Non-Demand						General Service Demand						City		Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	456,496		28,326		16,116		86,639		4,075		21.3		185,575		364		509		8,002		4,111		740,822		33,428	4.3%	774,250	
	2012	422,220	-7.5%	28,646	1.1%	14,739	-8.5%	82,355	-4.9%	4,086	0.3%	20.2	-5.2%	183,493	-1.1%	368	1.0%	499	-2.1%	7,002	-12.5%	4,123	0.3%	699,194	-5.6%	18,973	2.6%	718,167	-7.2%
	2013	417,918	-1.0%	28,801	0.5%	14,510	-1.6%	80,811	-1.9%	4,143	1.4%	19.5	-3.2%	174,397	-5.0%	359	-2.5%	486	-2.5%	7,912	13.0%	4,127	0.1%	685,165	-2.0%	31,168	4.4%	716,333	-0.3%
	2014	432,573	3.5%	29,081	1.0%	14,875	2.5%	81,978	1.4%	4,187	1.1%	19.6	0.4%	176,532	1.2%	351	-2.1%	503	3.4%	7,922	0.1%	4,137	0.2%	703,142	2.6%	27,109	3.7%	730,250	1.9%
	2015	444,852	2.8%	29,576	1.7%	15,041	1.1%	86,263	5.2%	4,238	1.2%	20.4	4.0%	177,045	0.3%	333	-5.3%	532	5.9%	8,072	1.9%	4,142	0.1%	720,375	2.5%	18,583	2.5%	738,958	1.2%
	2016	445,804	0.2%	29,795	0.7%	14,962	-0.5%	87,508	1.4%	4,298	1.4%	20.4	0.0%	178,982	1.1%	335	0.8%	534	0.3%	8,023	-0.6%	4,153	0.3%	724,471	0.6%	32,860	4.3%	757,330	2.5%
	2017	423,776	-4.9%	29,934	0.5%	14,157	-5.4%	84,678	-3.2%	4,344	1.1%	19.5	-4.3%	176,853	-1.2%	335	-0.1%	528	-1.1%	7,947	-0.9%	4,168	0.4%	697,422	-3.7%	23,608	3.3%	721,030	-4.8%
	2018	439,939	3.8%	30,049	0.4%	14,641	3.4%	83,360	-1.6%	4,348	0.1%	19.2	-1.7%	176,296	-0.3%	343	2.5%	513	-2.7%	8,070	1.5%	4,159	-0.2%	711,825	2.1%	32,294	4.3%	744,119	3.2%
	2019	447,350	1.7%	30,262	0.7%	14,783	1.0%	83,241	-0.1%	4,402	1.2%	18.9	-1.3%	178,338	1.2%	351	2.1%	508	-1.0%	7,717	-4.4%	4,177	0.4%	720,823	1.3%	20,014	2.7%	740,837	-0.4%
	2020	447,320	0.0%	30,218	-0.1%	14,803	0.1%	80,172	-3.7%	4,399	-0.1%	18.2	-3.6%	163,328	-8.4%	340	-3.0%	480	-5.6%	7,743	0.3%	3,659	-12.4%	702,222	-2.6%	26,206	3.6%	728,428	-1.7%
Projected	2021	448,675	0.3%	30,355	0.5%	14,781	-0.1%	78,343	-2.3%	4,419	0.5%	17.7	-2.7%	164,509	0.7%	339	-0.5%	486	1.2%	7,900	2.0%	3,659	0.0%	703,086	0.1%	25,915	3.6%	729,001	0.1%
	2022	450,875	0.5%	30,331	-0.1%	14,865	0.6%	77,980	-0.5%	4,417	-0.1%	17.7	-0.4%	171,611	4.3%	342	1.0%	502	3.3%	7,900	0.0%	3,659	0.0%	712,025	1.3%	25,816	3.5%	737,841	1.2%
	2023	447,169	-0.8%	30,352	0.1%	14,733	-0.9%	78,314	0.4%	4,426	0.2%	17.7	0.2%	173,750	1.2%	345	1.0%	503	0.3%	7,900	0.0%	3,659	0.0%	710,792	-0.2%	25,740	3.5%	736,532	-0.2%
	2024	438,864	-1.9%	30,382	0.1%	14,445	-2.0%	79,160	1.1%	4,437	0.2%	17.8	0.8%	178,929	3.0%	348	0.8%	514	2.2%	7,900	0.0%	3,659	0.0%	708,512	-0.3%	27,152	3.7%	735,663	-0.1%
	2025	432,796	-1.4%	30,412	0.1%	14,231	-1.5%	79,751	0.7%	4,450	0.3%	17.9	0.5%	182,787	2.2%	350	0.6%	522	1.5%	7,900	0.0%	3,659	0.0%	706,894	-0.2%	25,663	3.5%	732,557	-0.4%
	2026	428,399	-1.0%	30,436	0.1%	14,076	-1.1%	80,094	0.4%	4,462	0.3%	17.9	0.1%	185,259	1.4%	352	0.5%	526	0.8%	7,900	0.0%	3,659	0.0%	705,311	-0.2%	25,624	3.5%	730,935	-0.2%
	2027	426,004	-0.6%	30,453	0.1%	13,989	-0.6%	80,286	0.2%	4,475	0.3%	17.9	0.0%	186,851	0.9%	354	0.4%	528	0.4%	7,900	0.0%	3,659	0.0%	704,700	-0.1%	25,625	3.5%	730,326	-0.1%
	2028	424,575	-0.3%	30,468	0.1%	13,935	-0.4%	80,393	0.1%	4,488	0.3%	17.9	-0.2%	187,961	0.6%	355	0.4%	529	0.2%	7,900	0.0%	3,659	0.0%	704,488	0.0%	27,070	3.7%	731,558	0.2%
	2029	423,705	-0.2%	30,481	0.0%	13,901	-0.2%	80,452	0.1%	4,501	0.3%	17.9	-0.2%	188,807	0.4%	356	0.3%	530	0.1%	7,900	0.0%	3,659	0.0%	704,524	0.0%	25,635	3.5%	730,159	-0.2%
	2030	423,482	-0.1%	30,491	0.0%	13,889	-0.1%	80,486	0.0%	4,515	0.3%	17.8	-0.3%	189,505	0.4%	357	0.3%	530	0.1%	7,900	0.0%	3,659	0.0%	705,032	0.1%	25,672	3.5%	730,703	0.1%
	2031	424,466	0.2%	30,498	0.0%	13,918	0.2%	80,504	0.0%	4,528	0.3%	17.8	-0.3%	190,114	0.3%	358	0.3%	531	0.0%	7,900	0.0%	3,659	0.0%	706,643	0.2%	25,743	3.5%	732,386	0.2%
	2032	426,003	0.4%	30,496	0.0%	13,969	0.4%	80,514	0.0%	4,540	0.3%	17.7	-0.3%	190,665	0.3%	359	0.3%	531	0.0%	7,900	0.0%	3,659	0.0%	708,742	0.3%	27,269	3.7%	736,011	0.5%
	2033	427,669	0.4%	30,492	0.0%	14,025	0.4%	80,520	0.0%	4,553	0.3%	17.7	-0.3%	191,192	0.3%	360	0.3%	531	0.0%	7,900	0.0%	3,659	0.0%	710,941	0.3%	25,902	3.5%	736,843	0.1%
	2034	429,389	0.4%	30,487	0.0%	14,084	0.4%	80,523	0.0%	4,565	0.3%	17.6	-0.3%	191,705	0.3%	361	0.2%	531	0.0%	7,900	0.0%	3,659	0.0%	713,176	0.3%	25,977	3.5%	739,153	0.3%
	2035	431,052	0.4%	30,480	0.0%	14,142	0.4%	80,525	0.0%	4,578	0.3%	17.6	-0.3%	192,214	0.3%	362	0.2%	531	0.0%	7,900	0.0%	3,659	0.0%	715,350	0.3%	26,061	3.5%	741,411	0.3%
	2036	433,070	0.5%	30,470	0.0%	14,213	0.5%	80,526	0.0%	4,590	0.3%	17.5	-0.3%	192,712	0.3%	363	0.2%	531	0.0%	7,900	0.0%	3,659	0.0%	717,868	0.4%	27,619	3.7%	745,487	0.5%
	2037	434,466	0.3%	30,456	0.0%	14,265	0.4%	80,527	0.0%	4,601	0.3%	17.5	-0.2%	193,198	0.3%	364	0.2%	531	0.0%	7,900	0.0%	3,659	0.0%	719,750	0.3%	26,198	3.5%	745,948	0.1%
	2038	435,004	0.1%	30,441	0.0%	14,290	0.2%	80,527	0.0%	4,612	0.2%	17.5	-0.2%	193,677	0.2%	364	0.2%	532	0.0%	7,900	0.0%	3,659	0.0%	720,767	0.1%	26,237	3.5%	747,004	0.1%
	2039	436,139	0.3%	30,427	0.0%	14,334	0.3%	80,527	0.0%	4,624	0.2%	17.4	-0.2%	194,155	0.2%	365	0.2%	532	0.0%	7,900	0.0%	3,659	0.0%	722,381	0.2%	26,306	3.5%	748,687	0.2%
	2040	437,851	0.4%	30,412	0.0%	14,397	0.4%	80,527	0.0%	4,635	0.2%	17.4	-0.2%	194,633	0.2%	366	0.2%	532	0.0%	7,900	0.0%	3,659	0.0%	724,571	0.3%	27,872	3.7%	752,442	0.5%
CAGR	2011-2020		-0.2%		0.7%		-0.9%		-0.9%		0.9%		-1.7%		-1.4%		-0.8%		-0.7%		-0.4%		-1.3%		-0.6%		3.6%		-0.7%
	2021-2030		-0.6%		0.0%		-0.7%		0.3%		0.2%		0.1%		1.6%		0.6%		1.0%		0.0%		0.0%		0.0%		3.5%		0.0%
	2031-2040		0.3%		0.0%		0.4%		0.0%		0.3%		-0.3%		0.3%		0.2%		0.0%		0.0%		0.0%		0.3%		3.6%		0.3%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - High Economic Case

Jacksonville Beach

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	774,250	-	749,547	-	-3.2%	208.7	-	200.3	-	-4.0%	163.4	-	146.5		-10.4%
	2012	718,167	-7.2%	750,308	0.1%	4.5%	171.1	-18.0%	164.5	-17.8%	-3.8%	153.1	-6.3%	154.2	5.3%	0.7%
	2013	716,333	-0.3%	735,933	-1.9%	2.7%	161.5	-5.6%	163.6	-0.5%	1.3%	149.9	-2.1%	153.2	-0.6%	2.2%
	2014	730,250	1.9%	734,602	-0.2%	0.6%	166.4	3.1%	177.0	8.2%	6.4%	158.1	5.5%	160.9	5.1%	1.8%
	2015	738,958	1.2%	735,085	0.1%	-0.5%	195.1	17.3%	176.9	0.0%	-9.3%	151.0	-4.5%	168.9	4.9%	11.8%
	2016	757,330	2.5%	740,063	0.7%	-2.3%	120.2	-38.4%	177.0	0.0%	47.2%	173.5	14.9%	159.7	-5.5%	-8.0%
	2017	721,030	-4.8%	725,975	-1.9%	0.7%	101.6	-15.5%	121.0	-31.6%	19.2%	154.7	-10.8%	163.5	2.4%	5.7%
	2018	744,119	3.2%	720,633	-0.7%	-3.2%	213.8	110.5%	209.0	72.7%	-2.2%	158.4	2.4%	153.3	-6.3%	-3.2%
	2019	740,837	-0.4%	706,888	-1.9%	-4.6%	112.1	-47.6%	181.9	-13.0%	62.3%	155.4	-1.9%	152.2	-0.7%	-2.1%
	2020	728,428	-1.7%	737,913	4.4%	1.3%	104.1	-7.1%	171.6	-5.6%	64.9%	163.9	5.5%	174.1	14.4%	6.2%
Projected	2021	732,811	0.6%	732,811	-0.7%		166.8	60.2%	166.8	-2.8%		161.2	-1.7%	161.2	-7.4%	
	2022			753,078	2.8%				172.3	3.3%				164.3	1.9%	
	2023			762,578	1.3%				174.6	1.3%				166.1	1.1%	
	2024			772,964	1.4%				176.1	0.8%				168.1	1.2%	
	2025			781,681	1.1%				178.8	1.5%				170.4	1.3%	
	2026			792,205	1.3%				181.2	1.4%				172.7	1.3%	
	2027			801,423	1.2%				183.4	1.2%				174.5	1.1%	
	2028			811,064	1.2%				184.9	0.8%				176.3	1.0%	
	2029			817,054	0.7%				187.1	1.2%				177.9	0.9%	
	2030			824,683	0.9%				188.8	0.9%				179.6	1.0%	
	2031			833,240	1.0%				190.7	1.0%				181.5	1.1%	
	2032			843,836	1.3%				192.4	0.9%				183.5	1.1%	
	2033			851,009	0.8%				194.9	1.3%				185.4	1.1%	
	2034			859,673	1.0%				196.9	1.1%				187.3	1.0%	
	2035			868,133	1.0%				198.8	1.0%				189.2	1.0%	
	2036			878,625	1.2%				200.4	0.8%				191.1	1.0%	
	2037			884,680	0.7%				202.8	1.2%				192.6	0.8%	
	2038			891,256	0.7%				204.3	0.7%				194.1	0.8%	
	2039			898,500	0.8%				205.9	0.8%				195.7	0.8%	
	2040			908,229	1.1%				207.3	0.7%				197.5	0.9%	
CAGR [3]	2011-2020		-0.7%		-0.2%			-7.4%		-1.7%			0.0%		1.9%	
	2021-2030				1.3%					1.4%					1.2%	
	2031-2040				1.0%					0.9%					0.9%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Jacksonville Beach

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	774,250	-	774,250	-	208.7	172.2	208.7	172.2	208.7	163.4	208.7	163.4
	2012	718,167	-7.2%	718,167	-7.2%	171.1	170.3	171.1	170.3	171.1	153.1	171.1	153.1
	2013	716,333	-0.3%	716,333	-0.3%	168.2	157.9	168.2	157.9	161.5	149.9	161.5	149.9
	2014	730,250	1.9%	730,250	1.9%	192.1	166.4	192.1	166.4	166.4	158.1	166.4	158.1
	2015	738,958	1.2%	738,958	1.2%	195.1	165.1	195.1	165.1	195.1	151.0	195.1	151.0
	2016	757,330	2.5%	757,330	2.5%	171.8	178.0	171.8	178.0	120.2	173.5	120.2	173.5
	2017	721,030	-4.8%	721,030	-4.8%	153.8	162.1	153.8	162.1	101.6	154.7	101.6	154.7
	2018	744,119	3.2%	744,119	3.2%	213.8	166.3	213.8	166.3	213.8	158.4	213.8	158.4
	2019	740,837	-0.4%	740,837	-0.4%	149.3	168.6	149.3	168.6	112.1	155.4	112.1	155.4
	2020	728,428	-1.7%	720,283	-2.8%	151.1	169.9	177.8	160.2	104.1	163.9	168.8	153.2
Projected	2021	732,811	0.6%	745,379	3.5%	175.7	168.6	184.6	167.6	166.8	161.2	175.2	160.4
	2022	753,078	2.8%	758,097	1.7%	181.5	171.8	189.0	169.6	172.3	164.3	179.5	162.2
	2023	762,578	1.3%	766,136	1.1%	183.9	173.8	191.1	171.3	174.6	166.1	181.5	163.9
	2024	772,964	1.4%	776,075	1.3%	185.5	175.9	192.7	173.3	176.1	168.1	183.0	165.8
	2025	781,681	1.1%	784,004	1.0%	188.3	178.3	195.5	175.4	178.8	170.4	185.7	167.8
	2026	792,205	1.3%	792,714	1.1%	190.8	180.6	197.8	177.3	181.2	172.7	187.8	169.6
	2027	801,423	1.2%	800,560	1.0%	193.2	182.6	199.9	179.0	183.4	174.5	189.8	171.3
	2028	811,064	1.2%	809,314	1.1%	194.7	184.4	201.3	180.6	184.9	176.3	191.1	172.8
	2029	817,054	0.7%	814,358	0.6%	197.0	186.1	203.4	182.0	187.1	177.9	193.1	174.2
	2030	824,683	0.9%	820,996	0.8%	198.8	187.9	205.0	183.6	188.8	179.6	194.7	175.6
	2031	833,240	1.0%	828,258	0.9%	200.9	189.9	206.9	185.2	190.7	181.5	196.4	177.2
	2032	843,836	1.3%	837,474	1.1%	202.6	192.0	208.4	186.9	192.4	183.5	197.8	178.8
	2033	851,009	0.8%	843,159	0.7%	205.2	194.0	210.7	188.6	194.9	185.4	200.0	180.4
	2034	859,673	1.0%	850,363	0.9%	207.4	195.9	212.5	190.1	196.9	187.3	201.8	181.9
	2035	868,133	1.0%	857,328	0.8%	209.4	197.9	214.3	191.7	198.8	189.2	203.4	183.4
	2036	878,625	1.2%	866,304	1.0%	211.1	199.9	215.7	193.3	200.4	191.1	204.8	185.0
	2037	884,680	0.7%	870,873	0.5%	213.6	201.5	217.9	194.6	202.8	192.6	206.8	186.2
	2038	891,256	0.7%	876,141	0.6%	215.2	203.1	219.1	195.8	204.3	194.1	208.1	187.4
	2039	898,500	0.8%	881,888	0.7%	216.9	204.8	220.6	197.2	205.9	195.7	209.4	188.6
	2040	908,229	1.1%			218.3	206.6			207.3	197.5		
CAGR[1]	Historical		-0.7%		-0.5%	-3.5%	-0.1%	-4.1%	-0.3%	-6.0%	0.9%	-5.9%	0.2%
	1st 10 Prj Yrs		1.3%		1.4%	1.4%	1.2%	1.5%	1.4%	1.4%	1.2%	1.5%	1.4%
	2nd 10 Prj Yrs		1.0%		0.8%	0.9%	0.9%	0.8%	0.8%	0.9%	0.9%	0.8%	0.8%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Jacksonville Beach

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	774,250	-	749,547	-	-3.2%	208.7	-	200.3	-	-4.0%	163.4	-	146.5		-10.4%
	2012	718,167	-7.2%	750,308	0.1%	4.5%	171.1	-18.0%	164.5	-17.8%	-3.8%	153.1	-6.3%	154.2	5.3%	0.7%
	2013	716,333	-0.3%	735,933	-1.9%	2.7%	161.5	-5.6%	163.6	-0.5%	1.3%	149.9	-2.1%	153.2	-0.6%	2.2%
	2014	730,250	1.9%	734,602	-0.2%	0.6%	166.4	3.1%	177.0	8.2%	6.4%	158.1	5.5%	160.9	5.1%	1.8%
	2015	738,958	1.2%	735,085	0.1%	-0.5%	195.1	17.3%	176.9	0.0%	-9.3%	151.0	-4.5%	168.9	4.9%	11.8%
	2016	757,330	2.5%	740,063	0.7%	-2.3%	120.2	-38.4%	177.0	0.0%	47.2%	173.5	14.9%	159.7	-5.5%	-8.0%
	2017	721,030	-4.8%	725,975	-1.9%	0.7%	101.6	-15.5%	121.0	-31.6%	19.2%	154.7	-10.8%	163.5	2.4%	5.7%
	2018	744,119	3.2%	720,633	-0.7%	-3.2%	213.8	110.5%	209.0	72.7%	-2.2%	158.4	2.4%	153.3	-6.3%	-3.2%
	2019	740,837	-0.4%	706,888	-1.9%	-4.6%	112.1	-47.6%	181.9	-13.0%	62.3%	155.4	-1.9%	152.2	-0.7%	-2.1%
	2020	728,428	-1.7%	717,584	1.5%	-1.5%	104.1	-7.1%	171.6	-5.6%	64.9%	163.9	5.5%	174.1	14.4%	6.2%
Projected	2021	731,413	0.4%	731,413	1.9%		166.8	60.2%	166.8	-2.8%		160.9	-1.9%	160.9	-7.6%	
	2022			751,306	2.7%				172.3	3.3%				163.8	1.8%	
	2023			760,430	1.2%				174.6	1.3%				165.6	1.1%	
	2024			770,392	1.3%				176.1	0.8%				167.5	1.1%	
	2025			778,651	1.1%				178.8	1.5%				169.7	1.3%	
	2026			788,544	1.3%				181.2	1.4%				171.8	1.2%	
	2027			797,077	1.1%				183.4	1.2%				173.5	1.0%	
	2028			805,985	1.1%				184.9	0.8%				175.1	0.9%	
	2029			811,219	0.6%				187.1	1.2%				176.5	0.8%	
	2030			818,052	0.8%				188.8	0.9%				178.0	0.9%	
	2031			826,083	1.0%				190.7	1.0%				179.8	1.0%	
	2032			836,133	1.2%				192.4	0.9%				181.6	1.0%	
	2033			842,820	0.8%				194.9	1.3%				183.5	1.0%	
	2034			850,927	1.0%				196.9	1.1%				185.2	0.9%	
	2035			858,852	0.9%				198.8	1.0%				186.9	0.9%	
	2036			868,791	1.2%				200.4	0.8%				188.7	0.9%	
	2037			874,211	0.6%				202.8	1.2%				190.1	0.7%	
	2038			880,172	0.7%				204.3	0.7%				191.5	0.7%	
	2039			886,739	0.7%				205.9	0.8%				192.9	0.8%	
	2040			895,772	1.0%				207.3	0.7%				194.5	0.8%	
CAGR [3]	2011-2020		-0.7%		-0.5%			-7.4%		-1.7%			0.0%		1.9%	
	2021-2030				1.3%					1.4%					1.1%	
	2031-2040				0.9%					0.9%					0.9%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Jacksonville Beach

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	774,250	-	749,547	-	-3.2%	208.7	-	42.4%	172.2	-	51.3%
	2012	718,167	-7.2%	750,308	0.1%	4.5%	171.1	-18.0%	47.9%	170.3	-1.1%	48.1%
	2013	716,333	-0.3%	735,933	-1.9%	2.7%	168.2	-1.7%	48.6%	157.9	-7.3%	51.8%
	2014	730,250	1.9%	734,602	-0.2%	0.6%	192.1	14.2%	43.4%	166.4	5.3%	50.1%
	2015	738,958	1.2%	735,085	0.1%	-0.5%	195.1	1.6%	43.2%	165.1	-0.8%	51.1%
	2016	757,330	2.5%	740,063	0.7%	-2.3%	171.8	-11.9%	50.3%	178.0	7.9%	48.6%
	2017	721,030	-4.8%	725,975	-1.9%	0.7%	153.8	-10.5%	53.5%	162.1	-8.9%	50.8%
	2018	744,119	3.2%	720,633	-0.7%	-3.2%	213.8	39.0%	39.7%	166.3	2.6%	51.1%
	2019	740,837	-0.4%	706,888	-1.9%	-4.6%	149.3	-30.1%	56.6%	168.6	1.4%	50.2%
	2020	728,428	-1.7%	737,913	4.4%	1.3%	151.1	1.2%	55.0%	169.9	0.8%	48.9%
Projected	2021	731,413	0.4%	731,413	-0.9%		175.7	16.3%	47.5%	168.3	-0.9%	49.6%
	2022	751,306	2.7%	751,306	2.7%		181.5	3.3%	47.3%	171.4	1.9%	50.0%
	2023	760,430	1.2%	760,430	1.2%		183.9	1.3%	47.2%	173.3	1.1%	50.1%
	2024	770,392	1.3%	770,392	1.3%		185.5	0.8%	47.4%	175.3	1.2%	50.2%
	2025	778,651	1.1%	778,651	1.1%		188.3	1.5%	47.2%	177.5	1.3%	50.1%
	2026	788,544	1.3%	788,544	1.3%		190.8	1.4%	47.2%	179.8	1.2%	50.1%
	2027	797,077	1.1%	797,077	1.1%		193.2	1.2%	47.1%	181.6	1.0%	50.1%
	2028	805,985	1.1%	805,985	1.1%		194.7	0.8%	47.2%	183.2	0.9%	50.2%
	2029	811,219	0.6%	811,219	0.6%		197.0	1.2%	47.0%	184.7	0.8%	50.1%
	2030	818,052	0.8%	818,052	0.8%		198.8	0.9%	47.0%	186.3	0.9%	50.1%
	2031	826,083	1.0%	826,083	1.0%		200.9	1.0%	46.9%	188.2	1.0%	50.1%
	2032	836,133	1.2%	836,133	1.2%		202.6	0.9%	47.1%	190.1	1.0%	50.2%
	2033	842,820	0.8%	842,820	0.8%		205.2	1.3%	46.9%	192.0	1.0%	50.1%
	2034	850,927	1.0%	850,927	1.0%		207.4	1.1%	46.8%	193.8	0.9%	50.1%
	2035	858,852	0.9%	858,852	0.9%		209.4	1.0%	46.8%	195.7	1.0%	50.1%
	2036	868,791	1.2%	868,791	1.2%		211.1	0.8%	47.0%	197.5	1.0%	50.2%
	2037	874,211	0.6%	874,211	0.6%		213.6	1.2%	46.7%	199.0	0.8%	50.1%
	2038	880,172	0.7%	880,172	0.7%		215.2	0.7%	46.7%	200.4	0.7%	50.1%
	2039	886,739	0.7%	886,739	0.7%		216.9	0.8%	46.7%	202.0	0.8%	50.1%
	2040	895,772	1.0%	895,772	1.0%		218.3	0.7%	46.8%	203.7	0.8%	50.2%
CAGR [1]	2011-2020		-0.7%		-0.2%			-3.5%	48.1%		-0.1%	50.2%
	2021-2030		1.3%		1.3%			1.4%	47.2%		1.1%	50.1%
	2031-2040		0.9%		0.9%			0.9%	46.8%		0.9%	50.1%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Jacksonville Beach

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	67,375	50,187	49,037	55,672	65,313	74,001	79,432	83,666	69,982	54,165	47,730	50,562	747,122	774,250
	2012	55,047	48,059	51,324	53,841	65,188	68,237	82,488	72,026	69,501	59,407	48,781	53,525	727,423	718,167
	2013	50,771	47,821	54,012	49,912	59,437	71,484	73,815	78,095	69,273	57,997	48,728	51,950	713,294	716,333
	2014	68,815	50,366	51,468	50,155	61,889	69,451	75,799	77,428	66,205	56,550	50,366	53,983	732,474	730,250
	2015	59,079	55,394	49,754	53,194	66,938	73,046	78,605	75,241	66,809	56,999	53,537	52,394	740,990	738,958
	2016	60,746	52,275	50,319	51,629	64,442	75,667	86,818	81,440	71,064	58,174	48,650	51,102	752,326	757,330
	2017	52,428	43,715	51,259	56,239	66,414	67,669	78,132	78,958	68,289	64,622	47,689	55,413	730,828	721,030
	2018	71,378	45,218	49,352	48,442	62,084	70,658	74,449	76,688	78,126	65,133	50,959	53,325	745,811	744,119
	2019	56,524	43,913	49,256	52,243	70,047	72,597	76,681	77,720	72,439	65,159	47,296	50,233	734,108	740,837
	2020	53,645	48,236	53,996	50,526	62,014	69,124	80,214	77,335	70,649	58,010	46,300	51,992	722,042	728,428
Projected	2021	61,496	48,192	53,159	50,999	62,703	69,960	78,524	77,701	72,377	61,291	47,796	53,804	738,001	731,413
	2022	63,495	49,684	54,757	52,255	64,138	71,423	80,017	79,082	73,565	62,211	48,427	54,507	753,561	751,306
	2023	64,327	50,325	55,425	52,888	64,909	72,249	80,899	79,924	74,337	62,858	48,953	55,107	762,203	760,430
	2024	64,984	52,337	56,005	53,504	65,697	73,093	81,821	80,834	75,199	63,614	49,563	55,828	772,480	770,392
	2025	65,799	51,439	56,703	54,202	66,565	74,038	82,868	81,867	76,164	64,423	50,194	56,566	780,828	778,651
	2026	66,667	52,114	57,421	54,889	67,412	74,969	83,907	82,885	77,096	65,200	50,775	57,242	790,577	788,544
	2027	67,459	52,720	58,043	55,465	68,113	75,734	84,759	83,715	77,852	65,825	51,239	57,793	798,718	797,077
	2028	68,118	54,829	58,566	55,953	68,719	76,407	85,524	84,468	78,545	66,406	51,672	58,314	807,520	805,985
	2029	68,746	53,720	59,056	56,406	69,282	77,032	86,234	85,167	79,183	66,939	52,064	58,794	812,624	811,219
	2030	69,338	54,190	59,536	56,856	69,850	77,677	86,988	85,925	79,894	67,568	52,540	59,361	819,725	818,052
Projected	2031	70,038	54,746	60,112	57,393	70,513	78,436	87,863	86,804	80,708	68,256	53,058	59,974	827,902	826,083
	2032	70,788	56,998	60,721	57,950	71,202	79,214	88,755	87,691	81,528	68,943	53,571	60,573	837,932	836,133
	2033	71,524	55,923	61,325	58,505	71,886	79,991	89,650	88,579	82,350	69,630	54,084	61,177	844,623	842,820
	2034	72,260	56,503	61,916	59,043	72,545	80,733	90,497	89,419	83,120	70,274	54,560	61,734	852,604	850,927
	2035	72,950	57,052	62,483	59,567	73,196	81,475	91,357	90,282	83,921	70,951	55,068	62,336	860,638	858,852
	2036	73,687	59,361	63,079	60,112	73,866	82,236	92,230	91,148	84,719	71,608	55,554	62,912	870,511	868,791
	2037	74,381	58,171	63,609	60,585	74,438	82,865	92,934	91,828	85,327	72,106	55,911	63,331	875,485	874,211
	2038	74,900	58,583	64,028	60,975	74,927	83,421	93,581	92,477	85,931	72,613	56,289	63,794	881,519	880,172
	2039	75,475	59,041	64,494	61,407	75,470	84,041	94,304	93,204	86,608	73,187	56,718	64,314	888,262	886,739
	2040	76,119	61,335	65,013	61,885	76,065	84,719	95,089	93,990	87,336	73,802	57,174	64,863	897,392	895,772

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	9.0%	6.7%	6.6%	7.5%	8.7%	9.9%	10.6%	11.2%	9.4%	7.2%	6.4%	6.8%	100.0%
	2012	7.6%	6.6%	7.1%	7.4%	9.0%	9.4%	11.3%	9.9%	9.6%	8.2%	6.7%	7.4%	100.0%
	2013	7.1%	6.7%	7.6%	7.0%	8.3%	10.0%	10.3%	10.9%	9.7%	8.1%	6.8%	7.3%	100.0%
	2014	9.4%	6.9%	7.0%	6.8%	8.4%	9.5%	10.3%	10.6%	9.0%	7.7%	6.9%	7.4%	100.0%
	2015	8.0%	7.5%	6.7%	7.2%	9.0%	9.9%	10.6%	10.2%	9.0%	7.7%	7.2%	7.1%	100.0%
	2016	8.1%	6.9%	6.7%	6.9%	8.6%	10.1%	11.5%	10.8%	9.4%	7.7%	6.5%	6.8%	100.0%
	2017	7.2%	6.0%	7.0%	7.7%	9.1%	9.3%	10.7%	10.8%	9.3%	8.8%	6.5%	7.6%	100.0%
	2018	9.6%	6.1%	6.6%	6.5%	8.3%	9.5%	10.0%	10.3%	10.5%	8.7%	6.8%	7.1%	100.0%
	2019	7.7%	6.0%	6.7%	7.1%	9.5%	9.9%	10.4%	10.6%	9.9%	8.9%	6.4%	6.8%	100.0%
	2020	7.4%	6.7%	7.5%	7.0%	8.6%	9.6%	11.1%	10.7%	9.8%	8.0%	6.4%	7.2%	100.0%
Projected	2021	8.3%	6.5%	7.2%	6.9%	8.5%	9.5%	10.6%	10.5%	9.8%	8.3%	6.5%	7.3%	100.0%
	2022	8.4%	6.6%	7.3%	6.9%	8.5%	9.5%	10.6%	10.5%	9.8%	8.3%	6.4%	7.2%	100.0%
	2023	8.4%	6.6%	7.3%	6.9%	8.5%	9.5%	10.6%	10.5%	9.8%	8.2%	6.4%	7.2%	100.0%
	2024	8.4%	6.8%	7.3%	6.9%	8.5%	9.5%	10.6%	10.5%	9.7%	8.2%	6.4%	7.2%	100.0%
	2025	8.4%	6.6%	7.3%	6.9%	8.5%	9.5%	10.6%	10.5%	9.8%	8.3%	6.4%	7.2%	100.0%
	2026	8.4%	6.6%	7.3%	6.9%	8.5%	9.5%	10.6%	10.5%	9.8%	8.2%	6.4%	7.2%	100.0%
	2027	8.4%	6.6%	7.3%	6.9%	8.5%	9.5%	10.6%	10.5%	9.7%	8.2%	6.4%	7.2%	100.0%
	2028	8.4%	6.8%	7.3%	6.9%	8.5%	9.5%	10.6%	10.5%	9.7%	8.2%	6.4%	7.2%	100.0%
	2029	8.5%	6.6%	7.3%	6.9%	8.5%	9.5%	10.6%	10.5%	9.7%	8.2%	6.4%	7.2%	100.0%
	2030	8.5%	6.6%	7.3%	6.9%	8.5%	9.5%	10.6%	10.5%	9.7%	8.2%	6.4%	7.2%	100.0%
Avg.	2011-2020	8.1%	6.6%	6.9%	7.1%	8.8%	9.7%	10.7%	10.6%	9.6%	8.1%	6.7%	7.1%	100.0%
	2021-2030	8.4%	6.6%	7.3%	6.9%	8.5%	9.5%	10.6%	10.5%	9.8%	8.2%	6.4%	7.2%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - High Economic Case

Jacksonville Beach

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	200.1	141.3	100.3	124.2	143.1	156.6	164.0	172.2	156.4	117.5	101.0	103.3	208.7	172.2
	2012	171.1	170.0	102.8	123.7	139.1	170.3	163.3	150.2	149.6	129.0	113.9	132.4	171.1	170.3
	2013	124.0	168.2	161.5	111.1	135.2	157.9	148.2	155.5	152.4	133.6	117.8	114.9	168.2	157.9
	2014	192.1	153.6	114.6	116.8	145.2	152.9	164.1	166.4	156.6	131.5	158.4	128.9	192.1	166.4
	2015	150.5	195.1	105.0	129.0	150.6	159.1	165.1	156.4	148.5	126.4	124.1	108.5	195.1	165.1
	2016	171.8	164.0	114.6	126.4	136.2	166.2	178.0	167.0	150.9	137.6	110.0	114.4	171.8	178.0
	2017	153.8	94.3	131.4	134.3	152.7	151.6	158.2	162.1	151.6	146.0	99.4	149.9	153.8	162.1
	2018	213.8	116.6	122.4	105.6	135.1	163.6	159.1	158.4	166.3	144.0	127.8	147.2	213.8	166.3
	2019	149.3	109.0	129.4	123.0	161.0	166.1	164.0	168.6	156.9	140.2	111.4	115.5	149.3	168.6
	2020	151.1	129.9	119.6	132.4	139.6	169.9	167.8	162.5	161.8	141.3	109.1	128.4	151.1	169.9
Projected	2021	175.7	152.1	121.8	126.4	149.4	168.3	168.3	168.3	159.0	140.2	112.7	132.6	175.7	168.3
	2022	181.5	157.2	125.8	128.7	152.2	171.4	171.4	171.4	162.0	142.9	114.2	134.4	181.5	171.4
	2023	183.9	159.3	127.5	130.2	153.9	173.3	173.3	173.3	163.7	144.4	115.2	135.5	183.9	173.3
	2024	185.5	160.6	128.5	131.7	155.7	175.3	175.3	175.3	165.6	146.1	116.9	137.5	185.5	175.3
	2025	188.3	163.0	130.5	133.4	157.7	177.5	177.5	177.5	167.7	148.0	118.5	139.4	188.3	177.5
	2026	190.8	165.3	132.3	135.1	159.8	179.8	179.8	179.8	169.8	149.9	120.0	141.1	190.8	179.8
	2027	193.2	167.3	133.9	136.5	161.4	181.6	181.6	181.6	171.5	151.5	120.9	142.3	193.2	181.6
	2028	194.7	168.6	135.0	137.8	162.9	183.2	183.2	183.2	173.1	152.9	122.4	143.9	194.7	183.2
	2029	197.0	170.6	136.6	139.0	164.4	184.7	184.7	184.7	174.5	154.2	123.5	145.3	197.0	184.7
	2030	198.8	172.2	137.8	140.2	165.9	186.3	186.3	186.3	176.0	155.6	124.7	146.8	198.8	186.3
Projected	2031	200.9	173.9	139.2	141.7	167.6	188.2	188.2	188.2	177.8	157.2	125.8	148.0	200.9	188.2
	2032	202.6	175.5	140.4	143.1	169.3	190.1	190.1	190.1	179.6	158.9	127.4	149.9	202.6	190.1
	2033	205.2	177.7	142.2	144.6	171.1	192.0	192.0	192.0	181.4	160.5	128.8	151.5	205.2	192.0
	2034	207.4	179.6	143.7	146.0	172.7	193.8	193.8	193.8	183.1	162.1	130.0	153.0	207.4	193.8
	2035	209.4	181.3	145.1	147.4	174.4	195.7	195.7	195.7	184.8	163.6	131.1	154.2	209.4	195.7
	2036	211.1	182.8	146.3	148.8	176.1	197.5	197.5	197.5	186.5	165.2	132.7	156.1	211.1	197.5
	2037	213.6	185.0	148.1	150.0	177.5	199.0	199.0	199.0	187.9	166.5	133.6	157.2	213.6	199.0
	2038	215.2	186.3	149.1	151.0	178.8	200.4	200.4	200.4	189.2	167.7	134.7	158.5	215.2	200.4
	2039	216.9	187.8	150.3	152.3	180.2	202.0	202.0	202.0	190.7	169.1	135.6	159.5	216.9	202.0
	2040	218.3	189.1	151.3	153.6	181.8	203.7	203.7	203.7	192.3	170.5	137.0	161.2	218.3	203.7

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	45.3%	52.8%	65.7%	62.3%	61.4%	65.6%	65.1%	65.3%	62.2%	62.0%	65.6%	65.8%	40.9%	51.3%
	2012	43.2%	40.6%	67.1%	60.4%	63.0%	55.6%	67.9%	64.5%	64.5%	61.9%	59.5%	54.3%	48.5%	48.1%
	2013	55.0%	42.3%	45.0%	62.4%	59.1%	62.9%	67.0%	67.5%	63.1%	58.4%	57.4%	60.8%	48.4%	51.8%
	2014	48.1%	48.8%	60.3%	59.6%	57.3%	63.1%	62.1%	62.6%	58.7%	57.8%	44.2%	56.3%	43.5%	50.1%
	2015	52.8%	42.2%	63.7%	57.3%	59.7%	63.8%	64.0%	64.7%	62.5%	60.6%	59.9%	64.9%	43.4%	51.1%
	2016	47.5%	45.8%	59.0%	56.7%	63.6%	63.2%	65.5%	65.5%	65.4%	56.8%	61.4%	60.0%	50.0%	48.6%
	2017	45.8%	69.0%	52.4%	58.2%	58.4%	62.0%	66.4%	65.5%	62.6%	59.5%	66.6%	49.7%	54.3%	50.8%
	2018	44.9%	57.7%	54.2%	63.7%	61.8%	60.0%	62.9%	65.1%	65.3%	60.8%	55.4%	48.7%	39.8%	51.1%
	2019	50.9%	59.9%	51.1%	59.0%	58.5%	60.7%	62.9%	62.0%	64.1%	62.5%	59.0%	58.4%	56.1%	50.2%
	2020	47.7%	53.3%	60.7%	53.0%	59.7%	56.5%	64.2%	64.0%	60.7%	55.2%	58.9%	54.4%	54.6%	48.9%
Projected	2021	47.0%	47.1%	58.7%	56.0%	56.4%	57.7%	62.7%	62.1%	63.2%	58.7%	58.9%	54.5%	48.0%	49.6%
	2022	47.0%	47.0%	58.5%	56.4%	56.6%	57.9%	62.7%	62.0%	63.1%	58.5%	58.9%	54.5%	47.4%	50.0%
	2023	47.0%	47.0%	58.4%	56.4%	56.7%	57.9%	62.7%	62.0%	63.1%	58.5%	59.0%	54.7%	47.3%	50.1%
	2024	47.1%	46.8%	58.6%	56.4%	56.7%	57.9%	62.7%	62.0%	63.1%	58.5%	58.9%	54.6%	47.5%	50.2%
	2025	47.0%	47.0%	58.4%	56.4%	56.7%	57.9%	62.7%	62.0%	63.1%	58.5%	58.8%	54.5%	47.3%	50.1%
	2026	47.0%	46.9%	58.3%	56.4%	56.7%	57.9%	62.7%	62.0%	63.1%	58.5%	58.8%	54.5%	47.3%	50.1%
	2027	46.9%	46.9%	58.3%	56.4%	56.7%	57.9%	62.7%	62.0%	63.0%	58.4%	58.9%	54.6%	47.2%	50.1%
	2028	47.0%	46.7%	58.3%	56.4%	56.7%	57.9%	62.7%	62.0%	63.0%	58.4%	58.7%	54.4%	47.3%	50.2%
	2029	46.9%	46.9%	58.1%	56.4%	56.7%	57.9%	62.7%	62.0%	63.0%	58.3%	58.6%	54.4%	47.1%	50.1%
	2030	46.9%	46.8%	58.1%	56.3%	56.6%	57.9%	62.7%	62.0%	63.0%	58.3%	58.5%	54.4%	47.1%	50.1%
Avg.	2011-2020	48.1%	51.3%	57.9%	59.3%	60.2%	61.3%	64.8%	64.7%	62.9%	59.5%	58.8%	57.3%	47.9%	50.2%
	2021-2030	47.0%	46.9%	58.4%	56.4%	56.7%	57.9%	62.7%	62.0%	63.1%	58.5%	58.8%	54.5%	47.4%	50.1%

FMPA 2021 Load Forecast - High Economic Case

Jacksonville Beach

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	200.1	139.4	100.1	118.9	131.5	148.2	155.0	163.4	117.3	114.6	94.2	91.1	208.7	163.4
	2012	171.1	170.0	99.1	113.2	131.4	135.9	153.1	137.9	142.1	127.2	89.3	132.4	171.1	153.1
	2013	124.0	168.2	161.5	102.3	129.0	149.0	144.4	149.9	138.8	127.1	97.5	96.3	161.5	149.9
	2014	166.4	153.6	104.0	116.1	145.2	145.4	162.8	158.1	145.7	122.2	158.4	128.9	166.4	158.1
	2015	145.4	195.1	97.5	111.5	149.1	151.0	153.6	156.3	148.5	123.8	120.2	99.0	195.1	151.0
	2016	166.7	164.0	112.4	125.9	129.7	160.2	173.5	162.9	140.3	99.4	109.1	101.0	120.2	173.5
	2017	124.0	93.1	101.6	134.3	148.4	149.0	155.9	154.7	143.6	143.9	99.4	149.9	101.6	154.7
	2018	213.8	95.9	94.4	96.5	135.1	162.0	146.8	158.4	152.5	144.0	112.1	147.2	213.8	158.4
	2019	132.3	87.3	92.6	122.5	154.7	155.4	163.4	140.3	156.9	129.2	111.4	88.4	112.1	155.4
	2020	151.1	97.9	104.1	131.4	138.4	163.9	158.0	161.1	155.8	134.4	101.5	119.4	104.1	163.9
Projected	2021	166.8	142.4	108.8	121.4	145.6	159.6	162.5	160.9	148.9	133.3	104.9	123.4	166.8	160.9
	2022	172.3	147.2	112.4	123.7	148.3	162.6	165.5	163.8	151.7	135.8	106.3	125.0	172.3	163.8
	2023	174.6	149.1	113.9	125.1	150.0	164.3	167.3	165.6	153.3	137.3	107.2	126.1	174.6	165.6
	2024	176.1	150.4	114.9	126.5	151.8	166.2	169.2	167.5	155.1	139.0	108.8	128.0	176.1	167.5
	2025	178.8	152.6	116.6	128.2	153.7	168.3	171.4	169.7	157.1	140.7	110.3	129.7	178.8	169.7
	2026	181.2	154.7	118.2	129.8	155.7	170.4	173.5	171.8	159.0	142.5	111.6	131.3	181.2	171.8
	2027	183.4	156.6	119.6	131.2	157.3	172.1	175.3	173.5	160.6	144.0	112.5	132.4	183.4	173.5
	2028	184.9	157.9	120.6	132.4	158.8	173.7	176.9	175.1	162.0	145.4	113.8	133.9	184.9	175.1
	2029	187.1	159.8	122.0	133.5	160.2	175.1	178.3	176.5	163.3	146.6	114.9	135.1	187.1	176.5
	2030	188.8	161.2	123.1	134.7	161.7	176.6	179.9	178.0	164.7	148.0	116.1	136.5	188.8	178.0
Projected	2031	190.7	162.9	124.4	136.1	163.3	178.4	181.7	179.8	166.4	149.5	117.1	137.7	190.7	179.8
	2032	192.4	164.3	125.5	137.5	165.0	180.2	183.5	181.6	168.1	151.0	118.6	139.5	192.4	181.6
	2033	194.9	166.4	127.1	138.9	166.7	182.0	185.4	183.5	169.7	152.6	119.8	141.0	194.9	183.5
	2034	196.9	168.1	128.4	140.2	168.3	183.7	187.1	185.2	171.3	154.1	121.0	142.3	196.9	185.2
	2035	198.8	169.8	129.7	141.6	170.0	185.5	188.9	186.9	172.9	155.6	122.0	143.5	198.8	186.9
	2036	200.4	171.2	130.8	143.0	171.6	187.2	190.7	188.7	174.6	157.1	123.4	145.2	200.4	188.7
	2037	202.8	173.2	132.3	144.1	173.0	188.6	192.1	190.1	175.9	158.3	124.3	146.3	202.8	190.1
	2038	204.3	174.5	133.3	145.1	174.2	189.9	193.4	191.5	177.1	159.4	125.3	147.4	204.3	191.5
	2039	205.9	175.9	134.3	146.3	175.6	191.4	194.9	192.9	178.4	160.7	126.1	148.4	205.9	192.9
	2040	207.3	177.0	135.2	147.5	177.1	193.0	196.5	194.5	179.9	162.1	127.5	150.0	207.3	194.5

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	100.0%	98.6%	99.7%	95.8%	91.9%	94.6%	94.5%	94.9%	75.0%	97.5%	93.2%	88.2%	100.0%	94.9%
	2012	100.0%	100.0%	96.4%	91.5%	94.5%	79.8%	93.7%	91.8%	95.0%	98.6%	78.4%	100.0%	100.0%	89.9%
	2013	100.0%	100.0%	100.0%	92.1%	95.4%	94.4%	97.4%	96.4%	91.1%	95.1%	82.7%	83.8%	96.0%	94.9%
	2014	86.6%	100.0%	90.7%	99.4%	100.0%	95.1%	99.2%	95.0%	93.0%	92.9%	100.0%	100.0%	86.6%	95.0%
	2015	96.6%	100.0%	92.8%	86.4%	99.0%	94.9%	93.0%	99.9%	100.0%	97.9%	96.8%	91.3%	100.0%	91.5%
	2016	97.0%	100.0%	98.0%	99.5%	95.2%	96.4%	97.5%	97.5%	93.0%	72.3%	99.1%	88.2%	70.0%	97.5%
	2017	80.7%	98.7%	77.3%	100.0%	97.2%	98.3%	98.6%	95.4%	94.7%	98.6%	100.0%	100.0%	66.0%	95.4%
	2018	100.0%	82.2%	77.1%	91.4%	100.0%	99.0%	92.2%	100.0%	91.7%	100.0%	87.7%	100.0%	100.0%	95.3%
	2019	88.6%	80.1%	71.6%	99.6%	96.1%	93.6%	99.7%	83.2%	100.0%	92.2%	100.0%	76.5%	75.1%	92.2%
	2020	100.0%	75.3%	87.1%	99.2%	99.1%	96.5%	94.2%	99.1%	96.3%	95.1%	93.0%	93.0%	68.9%	96.5%
Projected	2021	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2022	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2023	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2024	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2025	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2026	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2027	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2028	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2029	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2030	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.5%	93.6%	95.1%	93.0%	93.0%	94.9%	95.5%
	2011-2020	94.9%	93.5%	89.1%	95.5%	96.8%	94.3%	96.0%	95.3%	93.0%	94.0%	93.1%	92.1%	86.3%	94.3%
	2021-2030	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%

FMPA 2021 Load Forecast - High Economic Case - Beaches Energy

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service Non-Demand						General Service Demand						City		Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	456,496		28,326		16,116		86,639		4,075		21.3		185,575		364		509		8,002		4,111		740,822		33,428	4.3%	774,250	
	2012	422,220	-7.5%	28,646	1.1%	14,739	-8.5%	82,355	-4.9%	4,086	0.3%	20.2	-5.2%	183,493	-1.1%	368	1.0%	499	-2.1%	7,002	-12.5%	4,123	0.3%	699,194	-5.6%	18,973	2.6%	718,167	-7.2%
	2013	417,918	-1.0%	28,801	0.5%	14,510	-1.6%	80,811	-1.9%	4,143	1.4%	19.5	-3.2%	174,397	-5.0%	359	-2.5%	486	-2.5%	7,912	13.0%	4,127	0.1%	685,165	-2.0%	31,168	4.4%	716,333	-0.3%
	2014	432,573	3.5%	29,081	1.0%	14,875	2.5%	81,978	1.4%	4,187	1.1%	19.6	0.4%	176,532	1.2%	351	-2.1%	503	3.4%	7,922	0.1%	4,137	0.2%	703,142	2.6%	27,109	3.7%	730,250	1.9%
	2015	444,852	2.8%	29,576	1.7%	15,041	1.1%	86,263	5.2%	4,238	1.2%	20.4	4.0%	177,045	0.3%	333	-5.3%	532	5.9%	8,072	1.9%	4,142	0.1%	720,375	2.5%	18,583	2.5%	738,958	1.2%
	2016	445,804	0.2%	29,795	0.7%	14,962	-0.5%	87,508	1.4%	4,298	1.4%	20.4	0.0%	178,982	1.1%	335	0.8%	534	0.3%	8,023	-0.6%	4,153	0.3%	724,471	0.6%	32,860	4.3%	757,330	2.5%
	2017	423,776	-4.9%	29,934	0.5%	14,157	-5.4%	84,678	-3.2%	4,344	1.1%	19.5	-4.3%	176,853	-1.2%	335	-0.1%	528	-1.1%	7,947	-0.9%	4,168	0.4%	697,422	-3.7%	23,608	3.3%	721,030	-4.8%
	2018	439,939	3.8%	30,049	0.4%	14,641	3.4%	83,360	-1.6%	4,348	0.1%	19.2	-1.7%	176,296	-0.3%	343	2.5%	513	-2.7%	8,070	1.5%	4,159	-0.2%	711,825	2.1%	32,294	4.3%	744,119	3.2%
	2019	447,350	1.7%	30,262	0.7%	14,783	1.0%	83,241	-0.1%	4,402	1.2%	18.9	-1.3%	178,338	1.2%	351	2.1%	508	-1.0%	7,717	-4.4%	4,177	0.4%	720,823	1.3%	20,014	2.7%	740,837	-0.4%
	2020	447,320	0.0%	30,218	-0.1%	14,803	0.1%	80,172	-3.7%	4,399	-0.1%	18.2	-3.6%	163,328	-8.4%	340	-3.0%	480	-5.6%	7,743	0.3%	3,659	-12.4%	702,222	-2.6%	26,206	3.6%	728,428	-1.7%
Projected	2021	451,110	0.8%	30,477	0.9%	14,802	0.0%	78,343	-2.3%	4,452	1.2%	17.6	-3.4%	165,633	1.4%	341	0.1%	486	1.3%	7,900	2.0%	3,659	0.0%	706,645	0.6%	26,166	3.6%	732,811	0.6%
	2022	461,687	2.3%	30,783	1.0%	14,998	1.3%	77,980	-0.5%	4,529	1.7%	17.2	-2.2%	175,357	5.9%	349	2.6%	502	3.2%	7,900	0.0%	3,659	0.0%	726,583	2.8%	26,494	3.5%	753,078	2.8%
	2023	466,986	1.1%	31,021	0.8%	15,054	0.4%	78,314	0.4%	4,575	1.0%	17.1	-0.6%	178,934	2.0%	355	1.7%	504	0.3%	7,900	0.0%	3,659	0.0%	735,793	1.3%	26,785	3.5%	762,578	1.3%
	2024	468,192	0.3%	31,231	0.7%	14,991	-0.4%	79,160	1.1%	4,613	0.8%	17.2	0.2%	185,396	3.6%	360	1.3%	515	2.3%	7,900	0.0%	3,659	0.0%	744,308	1.2%	28,656	3.7%	772,964	1.4%
	2025	472,471	0.9%	31,424	0.6%	15,035	0.3%	79,751	0.7%	4,647	0.7%	17.2	0.0%	190,390	2.7%	364	1.0%	524	1.6%	7,900	0.0%	3,659	0.0%	754,172	1.3%	27,509	3.5%	781,681	1.1%
	2026	478,807	1.3%	31,601	0.6%	15,152	0.8%	80,094	0.4%	4,678	0.7%	17.1	-0.2%	193,867	1.8%	367	0.8%	529	1.0%	7,900	0.0%	3,659	0.0%	764,328	1.3%	27,877	3.5%	792,205	1.3%
	2027	485,041	1.3%	31,758	0.5%	15,273	0.8%	80,286	0.2%	4,706	0.6%	17.1	-0.4%	196,367	1.3%	369	0.7%	532	0.6%	7,900	0.0%	3,659	0.0%	773,254	1.2%	28,169	3.5%	801,423	1.2%
	2028	490,756	1.2%	31,908	0.5%	15,380	0.7%	80,393	0.1%	4,732	0.6%	17.0	-0.4%	198,316	1.0%	371	0.6%	534	0.4%	7,900	0.0%	3,659	0.0%	781,023	1.0%	30,041	3.7%	811,064	1.2%
	2029	496,404	1.2%	32,051	0.4%	15,488	0.7%	80,452	0.1%	4,756	0.5%	16.9	-0.4%	199,946	0.8%	373	0.5%	535	0.3%	7,900	0.0%	3,659	0.0%	788,361	0.9%	28,693	3.5%	817,054	0.7%
	2030	502,287	1.2%	32,184	0.4%	15,606	0.8%	80,486	0.0%	4,780	0.5%	16.8	-0.4%	201,387	0.7%	375	0.5%	537	0.2%	7,900	0.0%	3,659	0.0%	795,718	0.9%	28,965	3.5%	824,683	0.9%
	2031	509,203	1.4%	32,308	0.4%	15,761	1.0%	80,504	0.0%	4,802	0.5%	16.8	-0.4%	202,706	0.7%	377	0.4%	538	0.2%	7,900	0.0%	3,659	0.0%	803,972	1.0%	29,268	3.5%	833,240	1.0%
	2032	516,581	1.4%	32,423	0.4%	15,933	1.1%	80,514	0.0%	4,822	0.4%	16.7	-0.4%	203,942	0.6%	378	0.4%	539	0.2%	7,900	0.0%	3,659	0.0%	812,596	1.1%	31,240	3.7%	843,836	1.3%
	2033	523,925	1.4%	32,533	0.3%	16,105	1.1%	80,520	0.0%	4,842	0.4%	16.6	-0.4%	205,131	0.6%	380	0.4%	540	0.2%	7,900	0.0%	3,659	0.0%	821,135	1.1%	29,874	3.5%	851,009	0.8%
	2034	531,141	1.4%	32,637	0.3%	16,274	1.1%	80,523	0.0%	4,861	0.4%	16.6	-0.4%	206,289	0.6%	381	0.3%	541	0.2%	7,900	0.0%	3,659	0.0%	829,512	1.0%	30,161	3.5%	859,673	1.0%
	2035	538,168	1.3%	32,737	0.3%	16,439	1.0%	80,525	0.0%	4,879	0.4%	16.5	-0.4%	207,427	0.6%	382	0.3%	543	0.2%	7,900	0.0%	3,659	0.0%	837,679	1.0%	30,454	3.5%	868,133	1.0%
	2036	545,510	1.4%	32,831	0.3%	16,615	1.1%	80,526	0.0%	4,896	0.4%	16.4	-0.3%	208,540	0.5%	383	0.3%	544	0.2%	7,900	0.0%	3,659	0.0%	846,135	1.0%	32,490	3.7%	878,625	1.2%
	2037	551,975	1.2%	32,919	0.3%	16,768	0.9%	80,527	0.0%	4,912	0.3%	16.4	-0.3%	209,628	0.5%	385	0.3%	545	0.2%	7,900	0.0%	3,659	0.0%	853,690	0.9%	30,990	3.5%	884,680	0.7%
	2038	557,255	1.0%	33,006	0.3%	16,884	0.7%	80,527	0.0%	4,928	0.3%	16.3	-0.3%	210,699	0.5%	386	0.3%	546	0.2%	7,900	0.0%	3,659	0.0%	860,041	0.7%	31,215	3.5%	891,256	0.7%
	2039	563,181	1.1%	33,088	0.3%	17,020	0.8%	80,527	0.0%	4,943	0.3%	16.3	-0.3%	211,760	0.5%	387	0.3%	548	0.2%	7,900	0.0%	3,659	0.0%	867,027	0.8%	31,473	3.5%	898,500	0.8%
	2040	569,781	1.2%	33,170	0.2%	17,178	0.9%	80,527	0.0%	4,957	0.3%	16.2	-0.3%	212,811	0.5%	388	0.3%	549	0.2%	7,900	0.0%	3,659	0.0%	874,679	0.9%	33,551	3.7%	908,229	1.1%
CAGR	2011-2020		-0.2%		0.7%		-0.9%		-0.9%		0.9%		-1.7%		-1.4%		-0.8%		-0.7%		-0.4%		-1.3%		-0.6%		3.6%		-0.7%
	2021-2030		1.2%		0.6%		0.6%		0.3%		0.8%		-0.5%		2.2%		1.1%		1.1%		0.0%		0.0%		1.3%		3.6%		1.3%
	2031-2040		1.3%		0.3%		1.0%		0.0%		0.4%		-0.4%		0.5%		0.3%		0.2%		0.0%		0.0%		0.9%		3.6%		1.0%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - Mild Weather Case

Jacksonville Beach

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	774,250	-	749,547	-	-3.2%	208.7	-	200.3	-	-4.0%	163.4	-	146.5		-10.4%
	2012	718,167	-7.2%	750,308	0.1%	4.5%	171.1	-18.0%	164.5	-17.8%	-3.8%	153.1	-6.3%	154.2	5.3%	0.7%
	2013	716,333	-0.3%	735,933	-1.9%	2.7%	161.5	-5.6%	163.6	-0.5%	1.3%	149.9	-2.1%	153.2	-0.6%	2.2%
	2014	730,250	1.9%	734,602	-0.2%	0.6%	166.4	3.1%	177.0	8.2%	6.4%	158.1	5.5%	160.9	5.1%	1.8%
	2015	738,958	1.2%	735,085	0.1%	-0.5%	195.1	17.3%	176.9	0.0%	-9.3%	151.0	-4.5%	168.9	4.9%	11.8%
	2016	757,330	2.5%	740,063	0.7%	-2.3%	120.2	-38.4%	177.0	0.0%	47.2%	173.5	14.9%	159.7	-5.5%	-8.0%
	2017	721,030	-4.8%	725,975	-1.9%	0.7%	101.6	-15.5%	121.0	-31.6%	19.2%	154.7	-10.8%	163.5	2.4%	5.7%
	2018	744,119	3.2%	720,633	-0.7%	-3.2%	213.8	110.5%	209.0	72.7%	-2.2%	158.4	2.4%	153.3	-6.3%	-3.2%
	2019	740,837	-0.4%	706,888	-1.9%	-4.6%	112.1	-47.6%	181.9	-13.0%	62.3%	155.4	-1.9%	152.2	-0.7%	-2.1%
	2020	728,428	-1.7%	737,913	4.4%	1.3%	104.1	-7.1%	171.6	-5.6%	64.9%	163.9	5.5%	174.1	14.4%	6.2%
Projected	2021	697,963	-4.2%	697,963	-5.4%		152.1	46.1%	152.1	-11.4%		152.6	-6.9%	152.6	-12.3%	
	2022			709,636	1.7%				156.1	2.6%				154.4	1.2%	
	2023			713,644	0.6%				157.0	0.6%				155.1	0.5%	
	2024			718,430	0.7%				157.3	0.2%				155.8	0.5%	
	2025			721,507	0.4%				158.7	0.9%				156.8	0.6%	
	2026			725,934	0.6%				159.7	0.6%				157.7	0.6%	
	2027			730,156	0.6%				160.7	0.6%				158.6	0.5%	
	2028			735,289	0.7%				161.1	0.3%				159.4	0.5%	
	2029			737,692	0.3%				162.4	0.8%				160.2	0.5%	
	2030			741,661	0.5%				163.2	0.5%				161.1	0.6%	
	2031			746,584	0.7%				164.2	0.6%				162.3	0.7%	
	2032			753,237	0.9%				165.0	0.5%				163.4	0.7%	
	2033			757,193	0.5%				166.5	1.0%				164.6	0.7%	
	2034			762,470	0.7%				167.7	0.7%				165.7	0.7%	
	2035			767,622	0.7%				168.8	0.7%				166.9	0.7%	
	2036			774,446	0.9%				169.6	0.5%				168.1	0.7%	
	2037			777,691	0.4%				171.2	0.9%				169.0	0.5%	
	2038			781,370	0.5%				171.9	0.4%				169.8	0.5%	
	2039			785,678	0.6%				172.8	0.5%				170.8	0.6%	
	2040			792,019	0.8%				173.4	0.4%				171.9	0.6%	
CAGR [3]	2011-2020		-0.7%		-0.2%			-7.4%		-1.7%			0.0%		1.9%	
	2021-2030				0.7%					0.8%					0.6%	
	2031-2040				0.7%					0.6%					0.6%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Jacksonville Beach

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	774,250	-	774,250	-	208.7	172.2	208.7	172.2	208.7	163.4	208.7	163.4
	2012	718,167	-7.2%	718,167	-7.2%	171.1	170.3	171.1	170.3	171.1	153.1	171.1	153.1
	2013	716,333	-0.3%	716,333	-0.3%	168.2	157.9	168.2	157.9	161.5	149.9	161.5	149.9
	2014	730,250	1.9%	730,250	1.9%	192.1	166.4	192.1	166.4	166.4	158.1	166.4	158.1
	2015	738,958	1.2%	738,958	1.2%	195.1	165.1	195.1	165.1	195.1	151.0	195.1	151.0
	2016	757,330	2.5%	757,330	2.5%	171.8	178.0	171.8	178.0	120.2	173.5	120.2	173.5
	2017	721,030	-4.8%	721,030	-4.8%	153.8	162.1	153.8	162.1	101.6	154.7	101.6	154.7
	2018	744,119	3.2%	744,119	3.2%	213.8	166.3	213.8	166.3	213.8	158.4	213.8	158.4
	2019	740,837	-0.4%	740,837	-0.4%	149.3	168.6	149.3	168.6	112.1	155.4	112.1	155.4
	2020	728,428	-1.7%	685,738	-7.4%	151.1	169.9	161.6	151.6	104.1	163.9	153.4	145.1
Projected	2021	697,963	-4.2%	703,187	2.5%	160.2	159.7	166.9	157.9	152.1	152.6	158.5	151.1
	2022	709,636	1.7%	710,802	1.1%	164.4	161.5	170.0	158.7	156.1	154.4	161.5	151.8
	2023	713,644	0.6%	713,560	0.4%	165.4	162.2	170.8	159.2	157.0	155.1	162.1	152.3
	2024	718,430	0.7%	717,629	0.6%	165.7	163.0	170.9	159.9	157.3	155.8	162.3	153.0
	2025	721,507	0.4%	720,005	0.3%	167.2	164.0	172.2	160.8	158.7	156.8	163.5	153.8
	2026	725,934	0.6%	723,933	0.5%	168.2	165.0	173.1	161.7	159.7	157.7	164.4	154.7
	2027	730,156	0.6%	727,762	0.5%	169.2	165.9	174.1	162.5	160.7	158.6	165.3	155.5
	2028	735,289	0.7%	732,589	0.7%	169.7	166.8	174.5	163.3	161.1	159.4	165.7	156.2
	2029	737,692	0.3%	734,558	0.3%	171.0	167.6	175.7	164.0	162.4	160.2	166.8	156.9
	2030	741,661	0.5%	737,975	0.5%	171.9	168.6	176.5	164.8	163.2	161.1	167.6	157.7
	2031	746,584	0.7%	742,037	0.6%	173.0	169.8	177.4	165.8	164.2	162.3	168.5	158.6
	2032	753,237	0.9%	747,809	0.8%	173.7	171.0	178.0	166.8	165.0	163.4	169.0	159.5
	2033	757,193	0.5%	750,787	0.4%	175.4	172.2	179.5	167.7	166.5	164.6	170.5	160.5
	2034	762,470	0.7%	755,027	0.6%	176.7	173.4	180.6	168.7	167.7	165.7	171.4	161.4
	2035	767,622	0.7%	759,138	0.5%	177.8	174.6	181.5	169.6	168.8	166.9	172.3	162.3
	2036	774,446	0.9%	764,900	0.8%	178.6	175.8	182.1	170.6	169.6	168.1	172.9	163.2
	2037	777,691	0.4%	767,139	0.3%	180.3	176.8	183.5	171.3	171.2	169.0	174.3	163.9
	2038	781,370	0.5%	769,950	0.4%	181.1	177.6	184.2	172.0	171.9	169.8	174.9	164.5
	2039	785,678	0.6%	773,195	0.4%	182.0	178.7	184.9	172.7	172.8	170.8	175.6	165.3
	2040	792,019	0.8%			182.7	179.8			173.4	171.9		
CAGR[1]	Historical		-0.7%		-0.5%	-3.5%	-0.1%	-4.1%	-0.3%	-6.0%	0.9%	-5.9%	0.2%
	1st 10 Prj Yrs		0.7%		0.8%	0.8%	0.6%	0.9%	0.9%	0.8%	0.6%	0.9%	0.9%
	2nd 10 Prj Yrs		0.7%		0.5%	0.6%	0.6%	0.5%	0.5%	0.6%	0.6%	0.5%	0.5%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Jacksonville Beach

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	774,250	-	749,547	-	-3.2%	208.7	-	200.3	-	-4.0%	163.4	-	146.5		-10.4%
	2012	718,167	-7.2%	750,308	0.1%	4.5%	171.1	-18.0%	164.5	-17.8%	-3.8%	153.1	-6.3%	154.2	5.3%	0.7%
	2013	716,333	-0.3%	735,933	-1.9%	2.7%	161.5	-5.6%	163.6	-0.5%	1.3%	149.9	-2.1%	153.2	-0.6%	2.2%
	2014	730,250	1.9%	734,602	-0.2%	0.6%	166.4	3.1%	177.0	8.2%	6.4%	158.1	5.5%	160.9	5.1%	1.8%
	2015	738,958	1.2%	735,085	0.1%	-0.5%	195.1	17.3%	176.9	0.0%	-9.3%	151.0	-4.5%	168.9	4.9%	11.8%
	2016	757,330	2.5%	740,063	0.7%	-2.3%	120.2	-38.4%	177.0	0.0%	47.2%	173.5	14.9%	159.7	-5.5%	-8.0%
	2017	721,030	-4.8%	725,975	-1.9%	0.7%	101.6	-15.5%	121.0	-31.6%	19.2%	154.7	-10.8%	163.5	2.4%	5.7%
	2018	744,119	3.2%	720,633	-0.7%	-3.2%	213.8	110.5%	209.0	72.7%	-2.2%	158.4	2.4%	153.3	-6.3%	-3.2%
	2019	740,837	-0.4%	706,888	-1.9%	-4.6%	112.1	-47.6%	181.9	-13.0%	62.3%	155.4	-1.9%	152.2	-0.7%	-2.1%
	2020	728,428	-1.7%	717,584	1.5%	-1.5%	104.1	-7.1%	171.6	-5.6%	64.9%	163.9	5.5%	174.1	14.4%	6.2%
Projected	2021	696,565	-4.4%	696,565	-2.9%		152.1	46.1%	152.1	-11.4%		152.3	-7.1%	152.3	-12.5%	
	2022			707,864	1.6%				156.1	2.6%				154.0	1.1%	
	2023			711,496	0.5%				157.0	0.6%				154.6	0.4%	
	2024			715,858	0.6%				157.3	0.2%				155.2	0.4%	
	2025			718,477	0.4%				158.7	0.9%				156.1	0.5%	
	2026			722,274	0.5%				159.7	0.6%				156.8	0.5%	
	2027			725,810	0.5%				160.7	0.6%				157.6	0.4%	
	2028			730,210	0.6%				161.1	0.3%				158.2	0.4%	
	2029			731,857	0.2%				162.4	0.8%				158.8	0.4%	
	2030			735,030	0.4%				163.2	0.5%				159.6	0.5%	
	2031			739,427	0.6%				164.2	0.6%				160.6	0.6%	
	2032			745,534	0.8%				165.0	0.5%				161.6	0.6%	
	2033			749,005	0.5%				166.5	1.0%				162.6	0.7%	
	2034			753,725	0.6%				167.7	0.7%				163.6	0.6%	
	2035			758,341	0.6%				168.8	0.7%				164.7	0.6%	
	2036			764,613	0.8%				169.6	0.5%				165.7	0.6%	
	2037			767,223	0.3%				171.2	0.9%				166.5	0.5%	
	2038			770,286	0.4%				171.9	0.4%				167.2	0.4%	
	2039			773,916	0.5%				172.8	0.5%				168.0	0.5%	
	2040			779,562	0.7%				173.4	0.4%				168.9	0.6%	
CAGR [3]	2011-2020		-0.7%		-0.5%			-7.4%		-1.7%			0.0%		1.9%	
	2021-2030				0.6%					0.8%					0.5%	
	2031-2040				0.6%					0.6%					0.6%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Jacksonville Beach

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	774,250	-	749,547	-	-3.2%	208.7	-	42.4%	172.2	-	51.3%
	2012	718,167	-7.2%	750,308	0.1%	4.5%	171.1	-18.0%	47.9%	170.3	-1.1%	48.1%
	2013	716,333	-0.3%	735,933	-1.9%	2.7%	168.2	-1.7%	48.6%	157.9	-7.3%	51.8%
	2014	730,250	1.9%	734,602	-0.2%	0.6%	192.1	14.2%	43.4%	166.4	5.3%	50.1%
	2015	738,958	1.2%	735,085	0.1%	-0.5%	195.1	1.6%	43.2%	165.1	-0.8%	51.1%
	2016	757,330	2.5%	740,063	0.7%	-2.3%	171.8	-11.9%	50.3%	178.0	7.9%	48.6%
	2017	721,030	-4.8%	725,975	-1.9%	0.7%	153.8	-10.5%	53.5%	162.1	-8.9%	50.8%
	2018	744,119	3.2%	720,633	-0.7%	-3.2%	213.8	39.0%	39.7%	166.3	2.6%	51.1%
	2019	740,837	-0.4%	706,888	-1.9%	-4.6%	149.3	-30.1%	56.6%	168.6	1.4%	50.2%
	2020	728,428	-1.7%	717,584	1.5%	-1.5%	151.1	1.2%	55.0%	169.9	0.8%	48.9%
Projected	2021	696,565	-4.4%	696,565	-2.9%		160.2	6.0%	49.6%	159.3	-6.2%	49.9%
	2022	707,864	1.6%	707,864	1.6%		164.4	2.6%	49.2%	161.1	1.1%	50.2%
	2023	711,496	0.5%	711,496	0.5%		165.4	0.6%	49.1%	161.7	0.4%	50.2%
	2024	715,858	0.6%	715,858	0.6%		165.7	0.2%	49.3%	162.4	0.4%	50.3%
	2025	718,477	0.4%	718,477	0.4%		167.2	0.9%	49.1%	163.3	0.5%	50.2%
	2026	722,274	0.5%	722,274	0.5%		168.2	0.6%	49.0%	164.1	0.5%	50.2%
	2027	725,810	0.5%	725,810	0.5%		169.2	0.6%	49.0%	164.9	0.5%	50.3%
	2028	730,210	0.6%	730,210	0.6%		169.7	0.3%	49.1%	165.6	0.4%	50.3%
	2029	731,857	0.2%	731,857	0.2%		171.0	0.8%	48.9%	166.2	0.4%	50.3%
	2030	735,030	0.4%	735,030	0.4%		171.9	0.5%	48.8%	167.0	0.5%	50.2%
	2031	739,427	0.6%	739,427	0.6%		173.0	0.6%	48.8%	168.0	0.6%	50.2%
	2032	745,534	0.8%	745,534	0.8%		173.7	0.5%	49.0%	169.1	0.6%	50.3%
	2033	749,005	0.5%	749,005	0.5%		175.4	1.0%	48.7%	170.2	0.7%	50.2%
	2034	753,725	0.6%	753,725	0.6%		176.7	0.7%	48.7%	171.3	0.6%	50.2%
	2035	758,341	0.6%	758,341	0.6%		177.8	0.7%	48.7%	172.4	0.6%	50.2%
	2036	764,613	0.8%	764,613	0.8%		178.6	0.5%	48.9%	173.5	0.6%	50.3%
	2037	767,223	0.3%	767,223	0.3%		180.3	0.9%	48.6%	174.3	0.5%	50.3%
	2038	770,286	0.4%	770,286	0.4%		181.1	0.4%	48.6%	175.0	0.4%	50.2%
	2039	773,916	0.5%	773,916	0.5%		182.0	0.5%	48.5%	175.9	0.5%	50.2%
	2040	779,562	0.7%	779,562	0.7%		182.7	0.4%	48.7%	176.9	0.6%	50.3%
CAGR [1]	2011-2020		-0.7%		-0.5%			-3.5%	48.1%		-0.1%	50.2%
	2021-2030		0.6%		0.6%			0.8%	49.1%		0.5%	50.2%
	2031-2040		0.6%		0.6%			0.6%	48.7%		0.6%	50.3%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Jacksonville Beach

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	67,375	50,187	49,037	55,672	65,313	74,001	79,432	83,666	69,982	54,165	47,730	50,562	747,122	774,250
	2012	55,047	48,059	51,324	53,841	65,188	68,237	82,488	72,026	69,501	59,407	48,781	53,525	727,423	718,167
	2013	50,771	47,821	54,012	49,912	59,437	71,484	73,815	78,095	69,273	57,997	48,728	51,950	713,294	716,333
	2014	68,815	50,366	51,468	50,155	61,889	69,451	75,799	77,428	66,205	56,550	50,366	53,983	732,474	730,250
	2015	59,079	55,394	49,754	53,194	66,938	73,046	78,605	75,241	66,809	56,999	53,537	52,394	740,990	738,958
	2016	60,746	52,275	50,319	51,629	64,442	75,667	86,818	81,440	71,064	58,174	48,650	51,102	752,326	757,330
	2017	52,428	43,715	51,259	56,239	66,414	67,669	78,132	78,958	68,289	64,622	47,689	55,413	730,828	721,030
	2018	71,378	45,218	49,352	48,442	62,084	70,658	74,449	76,688	78,126	65,133	50,959	53,325	745,811	744,119
	2019	56,524	43,913	49,256	52,243	70,047	72,597	76,681	77,720	72,439	65,159	47,296	50,233	734,108	740,837
	2020	53,645	48,236	53,996	50,526	62,014	69,124	80,214	77,335	70,649	58,010	46,300	51,006	721,055	728,428
Projected	2021	54,625	41,745	48,836	50,877	62,515	68,919	73,757	72,405	67,571	58,299	47,455	52,386	699,388	696,565
	2022	56,046	42,768	49,958	51,734	63,466	69,831	74,602	73,145	68,174	58,746	47,747	52,710	708,928	707,864
	2023	56,383	43,011	50,214	52,006	63,797	70,154	74,906	73,411	68,412	58,946	47,933	52,936	712,109	711,496
	2024	56,623	44,472	50,430	52,250	64,131	70,480	75,225	73,717	68,713	59,225	48,186	53,258	716,711	715,858
	2025	56,959	43,419	50,709	52,556	64,518	70,871	75,619	74,093	69,065	59,520	48,435	53,564	719,327	718,477
	2026	57,285	43,657	50,969	52,837	64,875	71,244	76,007	74,468	69,414	59,823	48,677	53,867	723,122	722,274
	2027	57,605	43,891	51,214	53,092	65,195	71,578	76,353	74,799	69,715	60,077	48,874	54,117	726,510	725,810
	2028	57,873	45,412	51,418	53,309	65,474	71,875	76,673	75,108	70,001	60,326	49,068	54,368	730,905	730,210
	2029	58,142	44,288	51,615	53,516	65,739	72,158	76,973	75,399	70,265	60,552	49,239	54,596	732,482	731,857
	2030	58,396	44,483	51,816	53,734	66,027	72,479	77,334	75,762	70,611	60,884	49,505	54,920	735,952	735,030
Projected	2031	58,752	44,756	52,112	54,047	66,417	72,918	77,815	76,243	71,058	61,273	49,814	55,289	740,493	739,427
	2032	59,149	46,408	52,437	54,382	66,836	73,381	78,315	76,736	71,515	61,668	50,122	55,650	746,598	745,534
	2033	59,540	45,359	52,765	54,722	67,260	73,855	78,832	77,244	71,987	62,073	50,439	56,026	750,103	749,005
	2034	59,943	45,664	53,089	55,055	67,670	74,305	79,317	77,720	72,423	62,446	50,728	56,365	754,725	753,725
	2035	60,313	45,949	53,399	55,378	68,077	74,760	79,818	78,219	72,888	62,852	51,047	56,745	759,446	758,341
	2036	60,722	47,645	53,733	55,723	68,503	75,235	80,331	78,723	73,353	63,240	51,347	57,104	765,661	764,613
	2037	61,099	46,537	54,014	56,003	68,842	75,594	80,706	79,074	73,661	63,497	51,535	57,329	767,891	767,223
	2038	61,346	46,727	54,211	56,213	69,113	75,896	81,039	79,407	73,973	63,766	51,745	57,597	771,033	770,286
	2039	61,641	46,954	54,449	56,466	69,437	76,260	81,442	79,810	74,351	64,098	52,005	57,920	774,831	773,916
	2040	61,993	48,636	54,732	56,762	69,811	76,676	81,898	80,263	74,771	64,463	52,288	58,265	780,556	779,562

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	9.0%	6.7%	6.6%	7.5%	8.7%	9.9%	10.6%	11.2%	9.4%	7.2%	6.4%	6.8%	100.0%
	2012	7.6%	6.6%	7.1%	7.4%	9.0%	9.4%	11.3%	9.9%	9.6%	8.2%	6.7%	7.4%	100.0%
	2013	7.1%	6.7%	7.6%	7.0%	8.3%	10.0%	10.3%	10.9%	9.7%	8.1%	6.8%	7.3%	100.0%
	2014	9.4%	6.9%	7.0%	6.8%	8.4%	9.5%	10.3%	10.6%	9.0%	7.7%	6.9%	7.4%	100.0%
	2015	8.0%	7.5%	6.7%	7.2%	9.0%	9.9%	10.6%	10.2%	9.0%	7.7%	7.2%	7.1%	100.0%
	2016	8.1%	6.9%	6.7%	6.9%	8.6%	10.1%	11.5%	10.8%	9.4%	7.7%	6.5%	6.8%	100.0%
	2017	7.2%	6.0%	7.0%	7.7%	9.1%	9.3%	10.7%	10.8%	9.3%	8.8%	6.5%	7.6%	100.0%
	2018	9.6%	6.1%	6.6%	6.5%	8.3%	9.5%	10.0%	10.3%	10.5%	8.7%	6.8%	7.1%	100.0%
	2019	7.7%	6.0%	6.7%	7.1%	9.5%	9.9%	10.4%	10.6%	9.9%	8.9%	6.4%	6.8%	100.0%
	2020	7.4%	6.7%	7.5%	7.0%	8.6%	9.6%	11.1%	10.7%	9.8%	8.0%	6.4%	7.1%	100.0%
Projected	2021	7.8%	6.0%	7.0%	7.3%	8.9%	9.9%	10.5%	10.4%	9.7%	8.3%	6.8%	7.5%	100.0%
	2022	7.9%	6.0%	7.0%	7.3%	9.0%	9.9%	10.5%	10.3%	9.6%	8.3%	6.7%	7.4%	100.0%
	2023	7.9%	6.0%	7.1%	7.3%	9.0%	9.9%	10.5%	10.3%	9.6%	8.3%	6.7%	7.4%	100.0%
	2024	7.9%	6.2%	7.0%	7.3%	8.9%	9.8%	10.5%	10.3%	9.6%	8.3%	6.7%	7.4%	100.0%
	2025	7.9%	6.0%	7.0%	7.3%	9.0%	9.9%	10.5%	10.3%	9.6%	8.3%	6.7%	7.4%	100.0%
	2026	7.9%	6.0%	7.0%	7.3%	9.0%	9.9%	10.5%	10.3%	9.6%	8.3%	6.7%	7.4%	100.0%
	2027	7.9%	6.0%	7.0%	7.3%	9.0%	9.9%	10.5%	10.3%	9.6%	8.3%	6.7%	7.4%	100.0%
	2028	7.9%	6.2%	7.0%	7.3%	9.0%	9.8%	10.5%	10.3%	9.6%	8.3%	6.7%	7.4%	100.0%
	2029	7.9%	6.0%	7.0%	7.3%	9.0%	9.9%	10.5%	10.3%	9.6%	8.3%	6.7%	7.5%	100.0%
	2030	7.9%	6.0%	7.0%	7.3%	9.0%	9.8%	10.5%	10.3%	9.6%	8.3%	6.7%	7.5%	100.0%
Avg.	2011-2020	8.1%	6.6%	6.9%	7.1%	8.8%	9.7%	10.7%	10.6%	9.6%	8.1%	6.7%	7.1%	100.0%
	2021-2030	7.9%	6.1%	7.0%	7.3%	9.0%	9.8%	10.5%	10.3%	9.6%	8.3%	6.7%	7.4%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Mild Weather Case

Jacksonville Beach

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	200.1	141.3	100.3	124.2	143.1	156.6	164.0	172.2	156.4	117.5	101.0	103.3	208.7	172.2
	2012	171.1	170.0	102.8	123.7	139.1	170.3	163.3	150.2	149.6	129.0	113.9	132.4	171.1	170.3
	2013	124.0	168.2	161.5	111.1	135.2	157.9	148.2	155.5	152.4	133.6	117.8	114.9	168.2	157.9
	2014	192.1	153.6	114.6	116.8	145.2	152.9	164.1	166.4	156.6	131.5	158.4	128.9	192.1	166.4
	2015	150.5	195.1	105.0	129.0	150.6	159.1	165.1	156.4	148.5	126.4	124.1	108.5	195.1	165.1
	2016	171.8	164.0	114.6	126.4	136.2	166.2	178.0	167.0	150.9	137.6	110.0	114.4	171.8	178.0
	2017	153.8	94.3	131.4	134.3	152.7	151.6	158.2	162.1	151.6	146.0	99.4	149.9	153.8	162.1
	2018	213.8	116.6	122.4	105.6	135.1	163.6	159.1	158.4	166.3	144.0	127.8	147.2	213.8	166.3
	2019	149.3	109.0	129.4	123.0	161.0	166.1	164.0	168.6	156.9	140.2	111.4	115.5	149.3	168.6
	2020	151.1	129.9	119.6	132.4	139.6	169.9	167.8	162.5	161.8	141.3	99.5	117.0	151.1	169.9
Projected	2021	160.2	138.7	111.0	119.6	141.4	159.3	159.3	159.3	150.5	132.8	102.1	120.1	160.2	159.3
	2022	164.4	142.3	113.9	121.0	143.0	161.1	161.1	161.1	152.2	134.2	102.7	120.8	164.4	161.1
	2023	165.4	143.2	114.6	121.5	143.6	161.7	161.7	161.7	152.8	134.8	102.9	121.1	165.4	161.7
	2024	165.7	143.5	114.9	122.0	144.3	162.4	162.4	162.4	153.5	135.4	103.8	122.1	165.7	162.4
	2025	167.2	144.8	115.9	122.7	145.1	163.3	163.3	163.3	154.3	136.2	104.5	122.9	167.2	163.3
	2026	168.2	145.7	116.6	123.4	145.9	164.1	164.1	164.1	155.1	136.9	105.1	123.6	168.2	164.1
	2027	169.2	146.6	117.3	124.0	146.6	164.9	164.9	164.9	155.7	137.6	105.4	124.0	169.2	164.9
	2028	169.7	146.9	117.6	124.5	147.3	165.6	165.6	165.6	156.4	138.2	106.2	124.9	169.7	165.6
	2029	171.0	148.1	118.5	125.1	147.9	166.2	166.2	166.2	157.0	138.8	106.7	125.6	171.0	166.2
	2030	171.9	148.8	119.1	125.7	148.7	167.0	167.0	167.0	157.7	139.5	107.4	126.4	171.9	167.0
Projected	2031	173.0	149.8	119.9	126.5	149.7	168.0	168.0	168.0	158.7	140.5	107.9	126.9	173.0	168.0
	2032	173.7	150.4	120.4	127.4	150.7	169.1	169.1	169.1	159.7	141.4	108.9	128.1	173.7	169.1
	2033	175.4	151.9	121.6	128.2	151.7	170.2	170.2	170.2	160.8	142.4	109.7	129.1	175.4	170.2
	2034	176.7	153.0	122.4	129.1	152.7	171.3	171.3	171.3	161.7	143.3	110.4	129.9	176.7	171.3
	2035	177.8	154.0	123.2	129.9	153.7	172.4	172.4	172.4	162.8	144.2	110.9	130.5	177.8	172.4
	2036	178.6	154.7	123.8	130.8	154.8	173.5	173.5	173.5	163.8	145.2	111.9	131.7	178.6	173.5
	2037	180.3	156.1	125.0	131.4	155.5	174.3	174.3	174.3	164.5	145.9	112.4	132.3	180.3	174.3
	2038	181.1	156.8	125.5	132.0	156.2	175.0	175.0	175.0	165.2	146.5	113.0	133.0	181.1	175.0
	2039	182.0	157.6	126.2	132.7	157.1	175.9	175.9	175.9	166.0	147.3	113.4	133.5	182.0	175.9
	2040	182.7	158.2	126.6	133.5	158.0	176.9	176.9	176.9	167.0	148.2	114.4	134.6	182.7	176.9

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	45.3%	52.8%	65.7%	62.3%	61.4%	65.6%	65.1%	65.3%	62.2%	62.0%	65.6%	65.8%	40.9%	51.3%
	2012	43.2%	40.6%	67.1%	60.4%	63.0%	55.6%	67.9%	64.5%	64.5%	61.9%	59.5%	54.3%	48.5%	48.1%
	2013	55.0%	42.3%	45.0%	62.4%	59.1%	62.9%	67.0%	67.5%	63.1%	58.4%	57.4%	60.8%	48.4%	51.8%
	2014	48.1%	48.8%	60.3%	59.6%	57.3%	63.1%	62.1%	62.6%	58.7%	57.8%	44.2%	56.3%	43.5%	50.1%
	2015	52.8%	42.2%	63.7%	57.3%	59.7%	63.8%	64.0%	64.7%	62.5%	60.6%	59.9%	64.9%	43.4%	51.1%
	2016	47.5%	45.8%	59.0%	56.7%	63.6%	63.2%	65.5%	65.5%	65.4%	56.8%	61.4%	60.0%	50.0%	48.6%
	2017	45.8%	69.0%	52.4%	58.2%	58.4%	62.0%	66.4%	65.5%	62.6%	59.5%	66.6%	49.7%	54.3%	50.8%
	2018	44.9%	57.7%	54.2%	63.7%	61.8%	60.0%	62.9%	65.1%	65.3%	60.8%	55.4%	48.7%	39.8%	51.1%
	2019	50.9%	59.9%	51.1%	59.0%	58.5%	60.7%	62.9%	62.0%	64.1%	62.5%	59.0%	58.4%	56.1%	50.2%
	2020	47.7%	53.3%	60.7%	53.0%	59.7%	56.5%	64.2%	64.0%	60.7%	55.2%	64.7%	58.6%	54.5%	48.9%
Projected	2021	45.8%	44.8%	59.1%	59.1%	59.4%	60.1%	62.2%	61.1%	62.3%	59.0%	64.6%	58.6%	49.8%	49.9%
	2022	45.8%	44.7%	58.9%	59.4%	59.6%	60.2%	62.2%	61.0%	62.2%	58.8%	64.6%	58.6%	49.2%	50.2%
	2023	45.8%	44.7%	58.9%	59.5%	59.7%	60.2%	62.3%	61.0%	62.2%	58.8%	64.7%	58.8%	49.1%	50.2%
	2024	45.9%	44.5%	59.0%	59.5%	59.7%	60.3%	62.2%	61.0%	62.2%	58.8%	64.5%	58.6%	49.4%	50.3%
	2025	45.8%	44.6%	58.8%	59.5%	59.8%	60.3%	62.2%	61.0%	62.2%	58.8%	64.4%	58.6%	49.1%	50.2%
	2026	45.8%	44.6%	58.8%	59.5%	59.8%	60.3%	62.2%	61.0%	62.2%	58.7%	64.3%	58.6%	49.1%	50.2%
	2027	45.7%	44.6%	58.7%	59.5%	59.8%	60.3%	62.2%	61.0%	62.2%	58.7%	64.4%	58.7%	49.0%	50.3%
	2028	45.8%	44.4%	58.8%	59.5%	59.7%	60.3%	62.2%	61.0%	62.2%	58.7%	64.2%	58.5%	49.2%	50.3%
	2029	45.7%	44.5%	58.5%	59.4%	59.7%	60.3%	62.2%	61.0%	62.2%	58.6%	64.1%	58.4%	48.9%	50.3%
	2030	45.7%	44.5%	58.5%	59.4%	59.7%	60.3%	62.2%	61.0%	62.2%	58.6%	64.0%	58.4%	48.9%	50.2%
Avg.	2011-2020	48.1%	51.3%	57.9%	59.3%	60.2%	61.3%	64.8%	64.7%	62.9%	59.5%	59.4%	57.8%	47.9%	50.2%
	2021-2030	45.8%	44.6%	58.8%	59.4%	59.7%	60.3%	62.2%	61.0%	62.2%	58.8%	64.4%	58.6%	49.2%	50.2%

FMPA 2021 Load Forecast - Mild Weather Case

Jacksonville Beach

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	200.1	139.4	100.1	118.9	131.5	148.2	155.0	163.4	117.3	114.6	94.2	91.1	208.7	163.4
	2012	171.1	170.0	99.1	113.2	131.4	135.9	153.1	137.9	142.1	127.2	89.3	132.4	171.1	153.1
	2013	124.0	168.2	161.5	102.3	129.0	149.0	144.4	149.9	138.8	127.1	97.5	96.3	161.5	149.9
	2014	166.4	153.6	104.0	116.1	145.2	145.4	162.8	158.1	145.7	122.2	158.4	128.9	166.4	158.1
	2015	145.4	195.1	97.5	111.5	149.1	151.0	153.6	156.3	148.5	123.8	120.2	99.0	195.1	151.0
	2016	166.7	164.0	112.4	125.9	129.7	160.2	173.5	162.9	140.3	99.4	109.1	101.0	120.2	173.5
	2017	124.0	93.1	101.6	134.3	148.4	149.0	155.9	154.7	143.6	143.9	99.4	149.9	101.6	154.7
	2018	213.8	95.9	94.4	96.5	135.1	162.0	146.8	158.4	152.5	144.0	112.1	147.2	213.8	158.4
	2019	132.3	87.3	92.6	122.5	154.7	155.4	163.4	140.3	156.9	129.2	111.4	88.4	112.1	155.4
	2020	151.1	97.9	104.1	131.4	138.4	163.9	158.0	161.1	155.8	134.4	92.5	108.9	104.1	163.9
Projected	2021	152.1	129.9	99.2	115.0	137.9	151.1	153.8	152.3	141.0	126.2	95.0	111.7	152.1	152.3
	2022	156.1	133.3	101.8	116.3	139.4	152.8	155.5	154.0	142.5	127.7	95.6	112.4	156.1	154.0
	2023	157.0	134.1	102.4	116.7	140.0	153.4	156.1	154.6	143.1	128.2	95.7	112.6	157.0	154.6
	2024	157.3	134.4	102.6	117.3	140.6	154.0	156.8	155.2	143.7	128.8	96.6	113.6	157.3	155.2
	2025	158.7	135.6	103.5	117.9	141.4	154.8	157.6	156.1	144.4	129.5	97.2	114.3	158.7	156.1
	2026	159.7	136.4	104.2	118.6	142.2	155.6	158.4	156.8	145.2	130.2	97.8	115.0	159.7	156.8
	2027	160.7	137.2	104.8	119.1	142.9	156.3	159.2	157.6	145.8	130.8	98.0	115.3	160.7	157.6
	2028	161.1	137.6	105.1	119.7	143.6	157.0	159.8	158.2	146.4	131.4	98.8	116.2	161.1	158.2
	2029	162.4	138.7	105.9	120.2	144.2	157.6	160.4	158.8	146.9	131.9	99.3	116.8	162.4	158.8
	2030	163.2	139.3	106.4	120.8	144.9	158.3	161.2	159.6	147.6	132.7	99.9	117.6	163.2	159.6
Projected	2031	164.2	140.2	107.1	121.6	145.9	159.3	162.2	160.6	148.5	133.5	100.4	118.1	164.2	160.6
	2032	165.0	140.9	107.6	122.4	146.9	160.3	163.2	161.6	149.5	134.4	101.3	119.2	165.0	161.6
	2033	166.5	142.2	108.6	123.2	147.9	161.4	164.3	162.6	150.4	135.3	102.1	120.1	166.5	162.6
	2034	167.7	143.2	109.4	124.0	148.8	162.3	165.3	163.6	151.4	136.2	102.7	120.9	167.7	163.6
	2035	168.8	144.2	110.1	124.8	149.8	163.4	166.4	164.7	152.3	137.1	103.2	121.4	168.8	164.7
	2036	169.6	144.8	110.6	125.6	150.8	164.4	167.4	165.7	153.3	138.0	104.2	122.5	169.6	165.7
	2037	171.2	146.2	111.7	126.2	151.6	165.2	168.2	166.5	154.0	138.7	104.6	123.1	171.2	166.5
	2038	171.9	146.8	112.1	126.8	152.2	165.8	168.9	167.2	154.6	139.3	105.2	123.7	171.9	167.2
	2039	172.8	147.6	112.7	127.5	153.1	166.7	169.7	168.0	155.3	140.0	105.5	124.2	172.8	168.0
	2040	173.4	148.1	113.1	128.2	154.0	167.6	170.7	168.9	156.2	140.9	106.4	125.2	173.4	168.9

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	100.0%	98.6%	99.7%	95.8%	91.9%	94.6%	94.5%	94.9%	75.0%	97.5%	93.2%	88.2%	100.0%	94.9%
	2012	100.0%	100.0%	96.4%	91.5%	94.5%	79.8%	93.7%	91.8%	95.0%	98.6%	78.4%	100.0%	100.0%	89.9%
	2013	100.0%	100.0%	100.0%	92.1%	95.4%	94.4%	97.4%	96.4%	91.1%	95.1%	82.7%	83.8%	96.0%	94.9%
	2014	86.6%	100.0%	90.7%	99.4%	100.0%	95.1%	99.2%	95.0%	93.0%	92.9%	100.0%	100.0%	86.6%	95.0%
	2015	96.6%	100.0%	92.8%	86.4%	99.0%	94.9%	93.0%	99.9%	100.0%	97.9%	96.8%	91.3%	100.0%	91.5%
	2016	97.0%	100.0%	98.0%	99.5%	95.2%	96.4%	97.5%	97.5%	93.0%	72.3%	99.1%	88.2%	70.0%	97.5%
	2017	80.7%	98.7%	77.3%	100.0%	97.2%	98.3%	98.6%	95.4%	94.7%	98.6%	100.0%	100.0%	66.0%	95.4%
	2018	100.0%	82.2%	77.1%	91.4%	100.0%	99.0%	92.2%	100.0%	91.7%	100.0%	87.7%	100.0%	100.0%	95.3%
	2019	88.6%	80.1%	71.6%	99.6%	96.1%	93.6%	99.7%	83.2%	100.0%	92.2%	100.0%	76.5%	75.1%	92.2%
	2020	100.0%	75.3%	87.1%	99.2%	99.1%	96.5%	94.2%	99.1%	96.3%	95.1%	93.0%	93.0%	68.9%	96.5%
Projected	2021	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2022	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2023	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2024	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2025	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2026	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2027	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2028	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2029	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.5%	93.6%	95.1%	93.0%	93.0%	94.9%	95.5%
	2030	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.5%	93.6%	95.1%	93.0%	93.0%	94.9%	95.5%
	2011-2020	94.9%	93.5%	89.1%	95.5%	96.8%	94.3%	96.0%	95.3%	93.0%	94.0%	93.1%	92.1%	86.3%	94.3%
	2021-2030	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%

FMPA 2021 Load Forecast - Mild Weather Case - Beaches Energy

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service Non-Demand						General Service Demand						City		Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	456,496		28,326		16,116		86,639		4,075		21.3		185,575		364		509		8,002		4,111		740,822		33,428	4.3%	774,250	
	2012	422,220	-7.5%	28,646	1.1%	14,739	-8.5%	82,355	-4.9%	4,086	0.3%	20.2	-5.2%	183,493	-1.1%	368	1.0%	499	-2.1%	7,002	-12.5%	4,123	0.3%	699,194	-5.6%	18,973	2.6%	718,167	-7.2%
	2013	417,918	-1.0%	28,801	0.5%	14,510	-1.6%	80,811	-1.9%	4,143	1.4%	19.5	-3.2%	174,397	-5.0%	359	-2.5%	486	-2.5%	7,912	13.0%	4,127	0.1%	685,165	-2.0%	31,168	4.4%	716,333	-0.3%
	2014	432,573	3.5%	29,081	1.0%	14,875	2.5%	81,978	1.4%	4,187	1.1%	19.6	0.4%	176,532	1.2%	351	-2.1%	503	3.4%	7,922	0.1%	4,137	0.2%	703,142	2.6%	27,109	3.7%	730,250	1.9%
	2015	444,852	2.8%	29,576	1.7%	15,041	1.1%	86,263	5.2%	4,238	1.2%	20.4	4.0%	177,045	0.3%	333	-5.3%	532	5.9%	8,072	1.9%	4,142	0.1%	720,375	2.5%	18,583	2.5%	738,958	1.2%
	2016	445,804	0.2%	29,795	0.7%	14,962	-0.5%	87,508	1.4%	4,298	1.4%	20.4	0.0%	178,982	1.1%	335	0.8%	534	0.3%	8,023	-0.6%	4,153	0.3%	724,471	0.6%	32,860	4.3%	757,330	2.5%
	2017	423,776	-4.9%	29,934	0.5%	14,157	-5.4%	84,678	-3.2%	4,344	1.1%	19.5	-4.3%	176,853	-1.2%	335	-0.1%	528	-1.1%	7,947	-0.9%	4,168	0.4%	697,422	-3.7%	23,608	3.3%	721,030	-4.8%
	2018	439,939	3.8%	30,049	0.4%	14,641	3.4%	83,360	-1.6%	4,348	0.1%	19.2	-1.7%	176,296	-0.3%	343	2.5%	513	-2.7%	8,070	1.5%	4,159	-0.2%	711,825	2.1%	32,294	4.3%	744,119	3.2%
	2019	447,350	1.7%	30,262	0.7%	14,783	1.0%	83,241	-0.1%	4,402	1.2%	18.9	-1.3%	178,338	1.2%	351	2.1%	508	-1.0%	7,717	-4.4%	4,177	0.4%	720,823	1.3%	20,014	2.7%	740,837	-0.4%
	2020	447,320	0.0%	30,218	-0.1%	14,803	0.1%	80,172	-3.7%	4,399	-0.1%	18.2	-3.6%	163,328	-8.4%	340	-3.0%	480	-5.6%	7,743	0.3%	3,659	-12.4%	702,222	-2.6%	26,206	3.6%	728,428	-1.7%
Projected	2021	421,394	-5.8%	30,416	0.7%	13,854	-6.4%	76,056	-5.1%	4,436	0.8%	17.1	-5.9%	163,591	0.2%	340	-0.2%	482	0.3%	7,900	2.0%	3,659	0.0%	672,601	-4.2%	25,362	3.6%	697,963	-4.2%
	2022	425,256	0.9%	30,558	0.5%	13,916	0.4%	75,452	-0.8%	4,476	0.9%	16.9	-1.7%	171,614	4.9%	346	1.8%	496	3.0%	7,900	0.0%	3,659	0.0%	683,881	1.7%	25,755	3.6%	709,636	1.7%
	2023	425,980	0.2%	30,689	0.4%	13,881	-0.3%	75,773	0.4%	4,506	0.7%	16.8	-0.2%	174,465	1.7%	351	1.4%	497	0.3%	7,900	0.0%	3,659	0.0%	687,778	0.6%	25,866	3.6%	713,644	0.6%
	2024	422,699	-0.8%	30,812	0.4%	13,719	-1.2%	76,593	1.1%	4,533	0.6%	16.9	0.5%	180,262	3.3%	355	1.1%	508	2.2%	7,900	0.0%	3,659	0.0%	691,113	0.5%	27,317	3.8%	718,430	0.7%
	2025	421,904	-0.2%	30,927	0.4%	13,642	-0.6%	77,165	0.7%	4,559	0.6%	16.9	0.2%	184,685	2.5%	358	0.9%	516	1.6%	7,900	0.0%	3,659	0.0%	695,313	0.6%	26,194	3.6%	721,507	0.4%
	2026	422,847	0.2%	31,031	0.3%	13,626	-0.1%	77,497	0.4%	4,583	0.5%	16.9	-0.1%	187,671	1.6%	360	0.7%	521	0.9%	7,900	0.0%	3,659	0.0%	699,574	0.6%	26,360	3.6%	725,934	0.6%
	2027	424,667	0.4%	31,121	0.3%	13,645	0.1%	77,683	0.2%	4,605	0.5%	16.9	-0.2%	189,739	1.1%	362	0.6%	524	0.5%	7,900	0.0%	3,659	0.0%	703,648	0.6%	26,508	3.6%	730,156	0.6%
	2028	426,673	0.5%	31,206	0.3%	13,673	0.2%	77,786	0.1%	4,627	0.5%	16.8	-0.3%	191,297	0.8%	364	0.5%	525	0.3%	7,900	0.0%	3,659	0.0%	707,316	0.5%	27,973	3.8%	735,289	0.7%
	2029	428,945	0.5%	31,288	0.3%	13,709	0.3%	77,844	0.1%	4,648	0.5%	16.7	-0.4%	192,567	0.7%	366	0.5%	526	0.2%	7,900	0.0%	3,659	0.0%	710,915	0.5%	26,776	3.6%	737,692	0.3%
	2030	431,623	0.6%	31,364	0.2%	13,762	0.4%	77,876	0.0%	4,668	0.4%	16.7	-0.4%	193,671	0.6%	368	0.4%	527	0.1%	7,900	0.0%	3,659	0.0%	714,729	0.5%	26,932	3.6%	741,661	0.5%
	2031	435,342	0.9%	31,434	0.2%	13,850	0.6%	77,894	0.0%	4,687	0.4%	16.6	-0.4%	194,671	0.5%	369	0.4%	527	0.1%	7,900	0.0%	3,659	0.0%	719,466	0.7%	27,118	3.6%	746,584	0.7%
	2032	439,505	1.0%	31,493	0.2%	13,956	0.8%	77,904	0.0%	4,706	0.4%	16.6	-0.4%	195,601	0.5%	370	0.4%	528	0.1%	7,900	0.0%	3,659	0.0%	724,569	0.7%	28,667	3.8%	753,237	0.9%
	2033	443,728	1.0%	31,549	0.2%	14,065	0.8%	77,910	0.0%	4,724	0.4%	16.5	-0.4%	196,497	0.5%	372	0.3%	529	0.1%	7,900	0.0%	3,659	0.0%	729,694	0.7%	27,499	3.6%	757,193	0.5%
	2034	447,946	1.0%	31,604	0.2%	14,174	0.8%	77,913	0.0%	4,741	0.4%	16.4	-0.4%	197,371	0.4%	373	0.3%	529	0.1%	7,900	0.0%	3,659	0.0%	734,789	0.7%	27,681	3.6%	762,470	0.7%
	2035	452,044	0.9%	31,656	0.2%	14,280	0.8%	77,914	0.0%	4,758	0.4%	16.4	-0.4%	198,235	0.4%	374	0.3%	530	0.1%	7,900	0.0%	3,659	0.0%	739,752	0.7%	27,870	3.6%	767,622	0.7%
	2036	456,431	1.0%	31,702	0.1%	14,397	0.8%	77,915	0.0%	4,774	0.3%	16.3	-0.3%	199,081	0.4%	375	0.3%	531	0.1%	7,900	0.0%	3,659	0.0%	744,986	0.7%	29,461	3.8%	774,446	0.9%
	2037	460,101	0.8%	31,742	0.1%	14,495	0.7%	77,917	0.0%	4,789	0.3%	16.3	-0.3%	199,909	0.4%	376	0.3%	531	0.1%	7,900	0.0%	3,659	0.0%	749,486	0.6%	28,206	3.6%	777,691	0.4%
	2038	462,830	0.6%	31,781	0.1%	14,563	0.5%	77,917	0.0%	4,804	0.3%	16.2	-0.3%	200,725	0.4%	377	0.3%	532	0.1%	7,900	0.0%	3,659	0.0%	753,032	0.5%	28,339	3.6%	781,370	0.5%
	2039	466,162	0.7%	31,820	0.1%	14,650	0.6%	77,917	0.0%	4,819	0.3%	16.2	-0.3%	201,538	0.4%	378	0.3%	533	0.1%	7,900	0.0%	3,659	0.0%	757,175	0.6%	28,503	3.6%	785,678	0.6%
	2040	470,084	0.8%	31,859	0.1%	14,755	0.7%	77,917	0.0%	4,833	0.3%	16.1	-0.3%	202,345	0.4%	379	0.3%	533	0.1%	7,900	0.0%	3,659	0.0%	761,905	0.6%	30,114	3.8%	792,019	0.8%
CAGR	2011-2020		-0.2%		0.7%		-0.9%		-0.9%		0.9%		-1.7%		-1.4%		-0.8%		-0.7%		-0.4%		-1.3%		-0.6%		3.6%		-0.7%
	2021-2030		0.3%		0.3%		-0.1%		0.3%		0.6%		-0.3%		1.9%		0.9%		1.0%		0.0%		0.0%		0.7%		3.7%		0.7%
	2031-2040		0.9%		0.1%		0.7%		0.0%		0.3%		-0.3%		0.4%		0.3%		0.1%		0.0%		0.0%		0.6%		3.7%		0.7%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - Severe Weather Case

Jacksonville Beach

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	774,250	-	749,547	-	-3.2%	208.7	-	200.3	-	-4.0%	163.4	-	146.5		-10.4%
	2012	718,167	-7.2%	750,308	0.1%	4.5%	171.1	-18.0%	164.5	-17.8%	-3.8%	153.1	-6.3%	154.2	5.3%	0.7%
	2013	716,333	-0.3%	735,933	-1.9%	2.7%	161.5	-5.6%	163.6	-0.5%	1.3%	149.9	-2.1%	153.2	-0.6%	2.2%
	2014	730,250	1.9%	734,602	-0.2%	0.6%	166.4	3.1%	177.0	8.2%	6.4%	158.1	5.5%	160.9	5.1%	1.8%
	2015	738,958	1.2%	735,085	0.1%	-0.5%	195.1	17.3%	176.9	0.0%	-9.3%	151.0	-4.5%	168.9	4.9%	11.8%
	2016	757,330	2.5%	740,063	0.7%	-2.3%	120.2	-38.4%	177.0	0.0%	47.2%	173.5	14.9%	159.7	-5.5%	-8.0%
	2017	721,030	-4.8%	725,975	-1.9%	0.7%	101.6	-15.5%	121.0	-31.6%	19.2%	154.7	-10.8%	163.5	2.4%	5.7%
	2018	744,119	3.2%	720,633	-0.7%	-3.2%	213.8	110.5%	209.0	72.7%	-2.2%	158.4	2.4%	153.3	-6.3%	-3.2%
	2019	740,837	-0.4%	706,888	-1.9%	-4.6%	112.1	-47.6%	181.9	-13.0%	62.3%	155.4	-1.9%	152.2	-0.7%	-2.1%
	2020	728,428	-1.7%	737,913	4.4%	1.3%	104.1	-7.1%	171.6	-5.6%	64.9%	163.9	5.5%	174.1	14.4%	6.2%
Projected	2021	768,124	5.4%	768,124	4.1%		184.1	76.9%	184.1	7.3%		168.8	3.0%	168.8	-3.0%	
	2022			785,831	2.3%				188.5	2.4%				170.7	1.1%	
	2023			790,104	0.5%				189.7	0.6%				171.4	0.4%	
	2024			794,979	0.6%				189.8	0.1%				172.2	0.5%	
	2025			797,631	0.3%				191.0	0.6%				173.1	0.6%	
	2026			802,298	0.6%				192.0	0.5%				174.2	0.6%	
	2027			806,870	0.6%				193.2	0.6%				175.1	0.5%	
	2028			812,795	0.7%				193.8	0.3%				176.0	0.5%	
	2029			815,157	0.3%				195.1	0.7%				176.9	0.5%	
	2030			819,574	0.5%				196.1	0.5%				177.9	0.6%	
	2031			825,109	0.7%				197.4	0.7%				179.2	0.7%	
	2032			832,888	0.9%				198.6	0.6%				180.5	0.7%	
	2033			837,086	0.5%				200.4	0.9%				181.8	0.7%	
	2034			843,051	0.7%				201.9	0.8%				183.1	0.7%	
	2035			848,868	0.7%				203.2	0.7%				184.4	0.7%	
	2036			856,867	0.9%				204.4	0.6%				185.7	0.7%	
	2037			860,253	0.4%				206.2	0.9%				186.7	0.5%	
	2038			864,377	0.5%				207.1	0.5%				187.6	0.5%	
	2039			869,229	0.6%				208.3	0.5%				188.7	0.6%	
	2040			876,683	0.9%				209.3	0.5%				190.0	0.7%	
CAGR [3]	2011-2020		-0.7%		-0.2%			-7.4%		-1.7%			0.0%		1.9%	
	2021-2030				0.7%					0.7%					0.6%	
	2031-2040				0.7%					0.6%					0.7%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Jacksonville Beach

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	774,250	-	774,250	-	208.7	172.2	208.7	172.2	208.7	163.4	208.7	163.4
	2012	718,167	-7.2%	718,167	-7.2%	171.1	170.3	171.1	170.3	171.1	153.1	171.1	153.1
	2013	716,333	-0.3%	716,333	-0.3%	168.2	157.9	168.2	157.9	161.5	149.9	161.5	149.9
	2014	730,250	1.9%	730,250	1.9%	192.1	166.4	192.1	166.4	166.4	158.1	166.4	158.1
	2015	738,958	1.2%	738,958	1.2%	195.1	165.1	195.1	165.1	195.1	151.0	195.1	151.0
	2016	757,330	2.5%	757,330	2.5%	171.8	178.0	171.8	178.0	120.2	173.5	120.2	173.5
	2017	721,030	-4.8%	721,030	-4.8%	153.8	162.1	153.8	162.1	101.6	154.7	101.6	154.7
	2018	744,119	3.2%	744,119	3.2%	213.8	166.3	213.8	166.3	213.8	158.4	213.8	158.4
	2019	740,837	-0.4%	740,837	-0.4%	149.3	168.6	149.3	168.6	112.1	155.4	112.1	155.4
	2020	728,428	-1.7%	755,829	2.0%	151.1	169.9	197.1	167.8	104.1	163.9	187.2	160.5
Projected	2021	768,124	5.4%	778,282	3.0%	194.0	176.6	202.6	174.1	184.1	168.8	192.3	166.6
	2022	785,831	2.3%	786,384	1.0%	198.5	178.6	206.0	175.0	188.5	170.7	195.5	167.5
	2023	790,104	0.5%	789,455	0.4%	199.8	179.3	206.8	175.6	189.7	171.4	196.4	168.0
	2024	794,979	0.6%	794,283	0.6%	199.9	180.1	207.2	176.4	189.8	172.2	196.7	168.8
	2025	797,631	0.3%	796,674	0.3%	201.2	181.1	208.6	177.4	191.0	173.1	198.1	169.7
	2026	802,298	0.6%	801,108	0.6%	202.3	182.2	209.8	178.4	192.0	174.2	199.2	170.6
	2027	806,870	0.6%	805,438	0.5%	203.4	183.2	211.0	179.3	193.2	175.1	200.4	171.5
	2028	812,795	0.7%	811,174	0.7%	204.1	184.2	211.7	180.2	193.8	176.0	201.0	172.4
	2029	815,157	0.3%	813,096	0.2%	205.5	185.1	213.1	181.0	195.1	176.9	202.3	173.1
	2030	819,574	0.5%	816,941	0.5%	206.6	186.2	214.1	181.9	196.1	177.9	203.2	174.0
	2031	825,109	0.7%	821,540	0.6%	207.9	187.5	215.3	182.9	197.4	179.2	204.4	175.0
	2032	832,888	0.9%	828,380	0.8%	209.1	188.8	216.3	184.0	198.6	180.5	205.3	176.1
	2033	837,086	0.5%	831,464	0.4%	211.0	190.2	218.0	185.1	200.4	181.8	206.9	177.1
	2034	843,051	0.7%	836,277	0.6%	212.6	191.5	219.3	186.2	201.9	183.1	208.2	178.1
	2035	848,868	0.7%	840,933	0.6%	214.1	192.9	220.5	187.2	203.2	184.4	209.4	179.1
	2036	856,867	0.9%	847,777	0.8%	215.3	194.3	221.5	188.3	204.4	185.7	210.3	180.2
	2037	860,253	0.4%	850,010	0.3%	217.2	195.3	223.1	189.1	206.2	186.7	211.8	180.9
	2038	864,377	0.5%	853,168	0.4%	218.2	196.3	223.9	189.9	207.1	187.6	212.6	181.6
	2039	869,229	0.6%	856,831	0.4%	219.4	197.5	224.8	190.7	208.3	188.7	213.5	182.5
	2040	876,683	0.9%			220.4	198.8			209.3	190.0		
CAGR[1]	Historical		-0.7%		-0.5%	-3.5%	-0.1%	-4.1%	-0.3%	-6.0%	0.9%	-5.9%	0.2%
	1st 10 Prj Yrs		0.7%		0.8%	0.7%	0.6%	0.9%	0.8%	0.7%	0.6%	0.9%	0.8%
	2nd 10 Prj Yrs		0.7%		0.5%	0.6%	0.7%	0.5%	0.5%	0.6%	0.7%	0.5%	0.5%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Jacksonville Beach

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	774,250	-	749,547	-	-3.2%	208.7	-	200.3	-	-4.0%	163.4	-	146.5		-10.4%
	2012	718,167	-7.2%	750,308	0.1%	4.5%	171.1	-18.0%	164.5	-17.8%	-3.8%	153.1	-6.3%	154.2	5.3%	0.7%
	2013	716,333	-0.3%	735,933	-1.9%	2.7%	161.5	-5.6%	163.6	-0.5%	1.3%	149.9	-2.1%	153.2	-0.6%	2.2%
	2014	730,250	1.9%	734,602	-0.2%	0.6%	166.4	3.1%	177.0	8.2%	6.4%	158.1	5.5%	160.9	5.1%	1.8%
	2015	738,958	1.2%	735,085	0.1%	-0.5%	195.1	17.3%	176.9	0.0%	-9.3%	151.0	-4.5%	168.9	4.9%	11.8%
	2016	757,330	2.5%	740,063	0.7%	-2.3%	120.2	-38.4%	177.0	0.0%	47.2%	173.5	14.9%	159.7	-5.5%	-8.0%
	2017	721,030	-4.8%	725,975	-1.9%	0.7%	101.6	-15.5%	121.0	-31.6%	19.2%	154.7	-10.8%	163.5	2.4%	5.7%
	2018	744,119	3.2%	720,633	-0.7%	-3.2%	213.8	110.5%	209.0	72.7%	-2.2%	158.4	2.4%	153.3	-6.3%	-3.2%
	2019	740,837	-0.4%	706,888	-1.9%	-4.6%	112.1	-47.6%	181.9	-13.0%	62.3%	155.4	-1.9%	152.2	-0.7%	-2.1%
	2020	728,428	-1.7%	717,584	1.5%	-1.5%	104.1	-7.1%	171.6	-5.6%	64.9%	163.9	5.5%	174.1	14.4%	6.2%
Projected	2021	766,726	5.3%	766,726	6.8%		184.1	76.9%	184.1	7.3%		168.5	2.8%	168.5	-3.2%	
	2022			784,059	2.3%				188.5	2.4%				170.3	1.1%	
	2023			787,956	0.5%				189.7	0.6%				170.9	0.4%	
	2024			792,407	0.6%				189.8	0.1%				171.6	0.4%	
	2025			794,602	0.3%				191.0	0.6%				172.4	0.5%	
	2026			798,638	0.5%				192.0	0.5%				173.3	0.5%	
	2027			802,524	0.5%				193.2	0.6%				174.1	0.5%	
	2028			807,716	0.6%				193.8	0.3%				174.8	0.4%	
	2029			809,322	0.2%				195.1	0.7%				175.5	0.4%	
	2030			812,943	0.4%				196.1	0.5%				176.4	0.5%	
	2031			817,953	0.6%				197.4	0.7%				177.5	0.6%	
	2032			825,185	0.9%				198.6	0.6%				178.7	0.7%	
	2033			828,898	0.4%				200.4	0.9%				179.9	0.7%	
	2034			834,306	0.7%				201.9	0.8%				181.0	0.6%	
	2035			839,587	0.6%				203.2	0.7%				182.2	0.6%	
	2036			847,033	0.9%				204.4	0.6%				183.4	0.7%	
	2037			849,784	0.3%				206.2	0.9%				184.2	0.5%	
	2038			853,293	0.4%				207.1	0.5%				185.0	0.4%	
	2039			857,467	0.5%				208.3	0.5%				185.9	0.5%	
	2040			864,226	0.8%				209.3	0.5%				187.0	0.6%	
CAGR [3]	2011-2020		-0.7%		-0.5%			-7.4%		-1.7%			0.0%		1.9%	
	2021-2030				0.7%					0.7%					0.5%	
	2031-2040				0.6%					0.6%					0.6%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Jacksonville Beach

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	774,250	-	749,547	-	-3.2%	208.7	-	42.4%	172.2	-	51.3%
	2012	718,167	-7.2%	750,308	0.1%	4.5%	171.1	-18.0%	47.9%	170.3	-1.1%	48.1%
	2013	716,333	-0.3%	735,933	-1.9%	2.7%	168.2	-1.7%	48.6%	157.9	-7.3%	51.8%
	2014	730,250	1.9%	734,602	-0.2%	0.6%	192.1	14.2%	43.4%	166.4	5.3%	50.1%
	2015	738,958	1.2%	735,085	0.1%	-0.5%	195.1	1.6%	43.2%	165.1	-0.8%	51.1%
	2016	757,330	2.5%	740,063	0.7%	-2.3%	171.8	-11.9%	50.3%	178.0	7.9%	48.6%
	2017	721,030	-4.8%	725,975	-1.9%	0.7%	153.8	-10.5%	53.5%	162.1	-8.9%	50.8%
	2018	744,119	3.2%	720,633	-0.7%	-3.2%	213.8	39.0%	39.7%	166.3	2.6%	51.1%
	2019	740,837	-0.4%	706,888	-1.9%	-4.6%	149.3	-30.1%	56.6%	168.6	1.4%	50.2%
	2020	728,428	-1.7%	737,913	4.4%	1.3%	151.1	1.2%	55.0%	169.9	0.8%	48.9%
Projected	2021	766,726	5.3%	766,726	3.9%		194.0	28.4%	45.1%	176.3	3.8%	49.7%
	2022	784,059	2.3%	784,059	2.3%		198.5	2.4%	45.1%	178.2	1.1%	50.2%
	2023	787,956	0.5%	787,956	0.5%		199.8	0.6%	45.0%	178.8	0.4%	50.3%
	2024	792,407	0.6%	792,407	0.6%		199.9	0.1%	45.3%	179.5	0.4%	50.4%
	2025	794,602	0.3%	794,602	0.3%		201.2	0.6%	45.1%	180.4	0.5%	50.3%
	2026	798,638	0.5%	798,638	0.5%		202.3	0.5%	45.1%	181.3	0.5%	50.3%
	2027	802,524	0.5%	802,524	0.5%		203.4	0.6%	45.0%	182.2	0.5%	50.3%
	2028	807,716	0.6%	807,716	0.6%		204.1	0.3%	45.2%	183.0	0.4%	50.4%
	2029	809,322	0.2%	809,322	0.2%		205.5	0.7%	45.0%	183.7	0.4%	50.3%
	2030	812,943	0.4%	812,943	0.4%		206.6	0.5%	44.9%	184.6	0.5%	50.3%
	2031	817,953	0.6%	817,953	0.6%		207.9	0.7%	44.9%	185.8	0.6%	50.3%
	2032	825,185	0.9%	825,185	0.9%		209.1	0.6%	45.0%	187.0	0.7%	50.4%
	2033	828,898	0.4%	828,898	0.4%		211.0	0.9%	44.8%	188.3	0.7%	50.3%
	2034	834,306	0.7%	834,306	0.7%		212.6	0.8%	44.8%	189.4	0.6%	50.3%
	2035	839,587	0.6%	839,587	0.6%		214.1	0.7%	44.8%	190.7	0.7%	50.3%
	2036	847,033	0.9%	847,033	0.9%		215.3	0.6%	44.9%	191.9	0.7%	50.4%
	2037	849,784	0.3%	849,784	0.3%		217.2	0.9%	44.7%	192.8	0.5%	50.3%
	2038	853,293	0.4%	853,293	0.4%		218.2	0.5%	44.6%	193.7	0.4%	50.3%
	2039	857,467	0.5%	857,467	0.5%		219.4	0.5%	44.6%	194.7	0.5%	50.3%
	2040	864,226	0.8%	864,226	0.8%		220.4	0.5%	44.8%	195.8	0.6%	50.4%
CAGR [1]	2011-2020		-0.7%		-0.2%			-3.5%	48.1%		-0.1%	50.2%
	2021-2030		0.7%		0.7%			0.7%	45.1%		0.5%	50.2%
	2031-2040		0.6%		0.6%			0.6%	44.8%		0.6%	50.3%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Jacksonville Beach

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	67,375	50,187	49,037	55,672	65,313	74,001	79,432	83,666	69,982	54,165	47,730	50,562	747,122	774,250
	2012	55,047	48,059	51,324	53,841	65,188	68,237	82,488	72,026	69,501	59,407	48,781	53,525	727,423	718,167
	2013	50,771	47,821	54,012	49,912	59,437	71,484	73,815	78,095	69,273	57,997	48,728	51,950	713,294	716,333
	2014	68,815	50,366	51,468	50,155	61,889	69,451	75,799	77,428	66,205	56,550	50,366	53,983	732,474	730,250
	2015	59,079	55,394	49,754	53,194	66,938	73,046	78,605	75,241	66,809	56,999	53,537	52,394	740,990	738,958
	2016	60,746	52,275	50,319	51,629	64,442	75,667	86,818	81,440	71,064	58,174	48,650	51,102	752,326	757,330
	2017	52,428	43,715	51,259	56,239	66,414	67,669	78,132	78,958	68,289	64,622	47,689	55,413	730,828	721,030
	2018	71,378	45,218	49,352	48,442	62,084	70,658	74,449	76,688	78,126	65,133	50,959	53,325	745,811	744,119
	2019	56,524	43,913	49,256	52,243	70,047	72,597	76,681	77,720	72,439	65,159	47,296	50,233	734,108	740,837
	2020	53,645	48,236	53,996	50,526	62,014	69,124	80,214	77,335	70,649	58,010	46,300	53,007	723,057	728,428
Projected	2021	69,552	55,943	57,833	50,877	62,515	70,502	82,913	82,597	76,677	63,625	47,455	54,404	774,892	766,726
	2022	71,137	57,129	59,054	51,734	63,466	71,433	83,840	83,426	77,357	64,115	47,747	54,743	785,182	784,059
	2023	71,560	57,447	59,354	52,006	63,797	71,755	84,147	83,692	77,593	64,313	47,933	54,953	788,550	787,956
	2024	71,684	59,215	59,487	52,250	64,131	72,073	84,470	84,001	77,897	64,606	48,186	55,269	793,268	792,407
	2025	71,979	57,699	59,749	52,556	64,518	72,463	84,891	84,407	78,280	64,922	48,435	55,578	795,476	794,602
	2026	72,330	57,965	60,029	52,837	64,875	72,841	85,321	84,832	78,674	65,255	48,677	55,889	799,524	798,638
	2027	72,714	58,260	60,313	53,092	65,195	73,181	85,713	85,214	79,020	65,536	48,874	56,147	803,260	802,524
	2028	73,046	60,276	60,557	53,309	65,474	73,486	86,081	85,576	79,355	65,815	49,068	56,409	808,450	807,716
	2029	73,393	58,794	60,801	53,516	65,739	73,776	86,429	85,919	79,665	66,068	49,239	56,647	809,985	809,322
	2030	73,727	59,068	61,055	53,734	66,027	74,107	86,848	86,350	80,073	66,438	49,505	56,987	813,918	812,943
Projected	2031	74,204	59,458	61,426	54,047	66,417	74,559	87,403	86,915	80,595	66,871	49,814	57,373	819,081	817,953
	2032	74,742	61,691	61,835	54,382	66,836	75,035	87,982	87,495	81,130	67,310	50,122	57,753	826,313	825,185
	2033	75,273	60,332	62,249	54,722	67,260	75,523	88,579	88,092	81,683	67,762	50,439	58,149	830,062	828,898
	2034	75,823	60,775	62,660	55,055	67,670	75,988	89,140	88,653	82,193	68,178	50,728	58,505	835,367	834,306
	2035	76,326	61,189	63,051	55,378	68,077	76,456	89,719	89,240	82,738	68,630	51,047	58,905	840,758	839,587
	2036	76,886	63,489	63,475	55,723	68,503	76,945	90,313	89,834	83,282	69,064	51,347	59,283	848,145	847,033
	2037	77,401	62,048	63,834	56,003	68,842	77,316	90,749	90,251	83,645	69,352	51,535	59,518	850,494	849,784
	2038	77,734	62,321	64,085	56,213	69,113	77,627	91,137	90,645	84,013	69,654	51,745	59,800	854,087	853,293
	2039	78,135	62,652	64,389	56,466	69,437	78,002	91,605	91,123	84,459	70,026	52,005	60,140	858,439	857,467
	2040	78,618	64,933	64,752	56,762	69,811	78,431	92,136	91,660	84,954	70,434	52,288	60,504	865,282	864,226

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	9.0%	6.7%	6.6%	7.5%	8.7%	9.9%	10.6%	11.2%	9.4%	7.2%	6.4%	6.8%	100.0%
	2012	7.6%	6.6%	7.1%	7.4%	9.0%	9.4%	11.3%	9.9%	9.6%	8.2%	6.7%	7.4%	100.0%
	2013	7.1%	6.7%	7.6%	7.0%	8.3%	10.0%	10.3%	10.9%	9.7%	8.1%	6.8%	7.3%	100.0%
	2014	9.4%	6.9%	7.0%	6.8%	8.4%	9.5%	10.3%	10.6%	9.0%	7.7%	6.9%	7.4%	100.0%
	2015	8.0%	7.5%	6.7%	7.2%	9.0%	9.9%	10.6%	10.2%	9.0%	7.7%	7.2%	7.1%	100.0%
	2016	8.1%	6.9%	6.7%	6.9%	8.6%	10.1%	11.5%	10.8%	9.4%	7.7%	6.5%	6.8%	100.0%
	2017	7.2%	6.0%	7.0%	7.7%	9.1%	9.3%	10.7%	10.8%	9.3%	8.8%	6.5%	7.6%	100.0%
	2018	9.6%	6.1%	6.6%	6.5%	8.3%	9.5%	10.0%	10.3%	10.5%	8.7%	6.8%	7.1%	100.0%
	2019	7.7%	6.0%	6.7%	7.1%	9.5%	9.9%	10.4%	10.6%	9.9%	8.9%	6.4%	6.8%	100.0%
	2020	7.4%	6.7%	7.5%	7.0%	8.6%	9.6%	11.1%	10.7%	9.8%	8.0%	6.4%	7.3%	100.0%
Projected	2021	9.0%	7.2%	7.5%	6.6%	8.1%	9.1%	10.7%	10.7%	9.9%	8.2%	6.1%	7.0%	100.0%
	2022	9.1%	7.3%	7.5%	6.6%	8.1%	9.1%	10.7%	10.6%	9.9%	8.2%	6.1%	7.0%	100.0%
	2023	9.1%	7.3%	7.5%	6.6%	8.1%	9.1%	10.7%	10.6%	9.8%	8.2%	6.1%	7.0%	100.0%
	2024	9.0%	7.5%	7.5%	6.6%	8.1%	9.1%	10.6%	10.6%	9.8%	8.1%	6.1%	7.0%	100.0%
	2025	9.0%	7.3%	7.5%	6.6%	8.1%	9.1%	10.7%	10.6%	9.8%	8.2%	6.1%	7.0%	100.0%
	2026	9.0%	7.2%	7.5%	6.6%	8.1%	9.1%	10.7%	10.6%	9.8%	8.2%	6.1%	7.0%	100.0%
	2027	9.1%	7.3%	7.5%	6.6%	8.1%	9.1%	10.7%	10.6%	9.8%	8.2%	6.1%	7.0%	100.0%
	2028	9.0%	7.5%	7.5%	6.6%	8.1%	9.1%	10.6%	10.6%	9.8%	8.1%	6.1%	7.0%	100.0%
	2029	9.1%	7.3%	7.5%	6.6%	8.1%	9.1%	10.7%	10.6%	9.8%	8.2%	6.1%	7.0%	100.0%
	2030	9.1%	7.3%	7.5%	6.6%	8.1%	9.1%	10.7%	10.6%	9.8%	8.2%	6.1%	7.0%	100.0%
Avg.	2011-2020	8.1%	6.6%	6.9%	7.1%	8.8%	9.7%	10.7%	10.6%	9.6%	8.1%	6.7%	7.2%	100.0%
	2021-2030	9.0%	7.3%	7.5%	6.6%	8.1%	9.1%	10.7%	10.6%	9.8%	8.2%	6.1%	7.0%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Severe Weather Case

Jacksonville Beach

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	200.1	141.3	100.3	124.2	143.1	156.6	164.0	172.2	156.4	117.5	101.0	103.3	208.7	172.2
	2012	171.1	170.0	102.8	123.7	139.1	170.3	163.3	150.2	149.6	129.0	113.9	132.4	171.1	170.3
	2013	124.0	168.2	161.5	111.1	135.2	157.9	148.2	155.5	152.4	133.6	117.8	114.9	168.2	157.9
	2014	192.1	153.6	114.6	116.8	145.2	152.9	164.1	166.4	156.6	131.5	158.4	128.9	192.1	166.4
	2015	150.5	195.1	105.0	129.0	150.6	159.1	165.1	156.4	148.5	126.4	124.1	108.5	195.1	165.1
	2016	171.8	164.0	114.6	126.4	136.2	166.2	178.0	167.0	150.9	137.6	110.0	114.4	171.8	178.0
	2017	153.8	94.3	131.4	134.3	152.7	151.6	158.2	162.1	151.6	146.0	99.4	149.9	153.8	162.1
	2018	213.8	116.6	122.4	105.6	135.1	163.6	159.1	158.4	166.3	144.0	127.8	147.2	213.8	166.3
	2019	149.3	109.0	129.4	123.0	161.0	166.1	164.0	168.6	156.9	140.2	111.4	115.5	149.3	168.6
	2020	151.1	129.9	119.6	132.4	139.6	169.9	167.8	162.5	161.8	141.3	120.4	141.7	151.1	169.9
Projected	2021	194.0	167.9	134.4	132.3	156.5	176.3	176.3	176.3	166.5	146.9	123.3	145.0	194.0	176.3
	2022	198.5	171.9	137.6	133.8	158.2	178.2	178.2	178.2	168.3	148.5	124.0	145.9	198.5	178.2
	2023	199.8	173.0	138.4	134.3	158.8	178.8	178.8	178.8	168.9	149.0	124.1	146.0	199.8	178.8
	2024	199.9	173.1	138.5	134.9	159.4	179.5	179.5	179.5	169.6	149.6	124.9	147.0	199.9	179.5
	2025	201.2	174.2	139.4	135.6	160.3	180.4	180.4	180.4	170.5	150.4	125.6	147.8	201.2	180.4
	2026	202.3	175.1	140.2	136.3	161.2	181.3	181.3	181.3	171.3	151.2	126.3	148.6	202.3	181.3
	2027	203.4	176.2	141.0	137.0	162.0	182.2	182.2	182.2	172.1	152.0	126.7	149.1	203.4	182.2
	2028	204.1	176.7	141.5	137.6	162.7	183.0	183.0	183.0	172.8	152.7	127.6	150.1	204.1	183.0
	2029	205.5	178.0	142.4	138.2	163.4	183.7	183.7	183.7	173.5	153.3	128.3	150.9	205.5	183.7
	2030	206.6	178.9	143.2	138.9	164.3	184.6	184.6	184.6	174.3	154.2	129.1	151.9	206.6	184.6
Projected	2031	207.9	180.1	144.1	139.8	165.4	185.8	185.8	185.8	175.5	155.2	129.9	152.8	207.9	185.8
	2032	209.1	181.1	144.9	140.8	166.5	187.0	187.0	187.0	176.6	156.3	131.0	154.2	209.1	187.0
	2033	211.0	182.7	146.3	141.8	167.7	188.3	188.3	188.3	177.8	157.4	132.0	155.3	211.0	188.3
	2034	212.6	184.1	147.4	142.7	168.8	189.4	189.4	189.4	178.9	158.4	132.9	156.4	212.6	189.4
	2035	214.1	185.4	148.4	143.6	170.0	190.7	190.7	190.7	180.1	159.5	133.7	157.3	214.1	190.7
	2036	215.3	186.4	149.2	144.6	171.1	191.9	191.9	191.9	181.2	160.5	134.9	158.7	215.3	191.9
	2037	217.2	188.1	150.5	145.3	172.0	192.8	192.8	192.8	182.1	161.3	135.5	159.4	217.2	192.8
	2038	218.2	188.9	151.2	146.0	172.8	193.7	193.7	193.7	182.9	162.1	136.2	160.3	218.2	193.7
	2039	219.4	190.0	152.0	146.8	173.7	194.7	194.7	194.7	183.8	163.0	136.9	161.0	219.4	194.7
	2040	220.4	190.8	152.8	147.7	174.8	195.8	195.8	195.8	184.9	164.0	137.9	162.2	220.4	195.8

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	45.3%	52.8%	65.7%	62.3%	61.4%	65.6%	65.1%	65.3%	62.2%	62.0%	65.6%	65.8%	40.9%	49.5%
	2012	43.2%	40.6%	67.1%	60.4%	63.0%	55.6%	67.9%	64.5%	64.5%	61.9%	59.5%	54.3%	48.5%	48.8%
	2013	55.0%	42.3%	45.0%	62.4%	59.1%	62.9%	67.0%	67.5%	63.1%	58.4%	57.4%	60.8%	48.4%	51.6%
	2014	48.1%	48.8%	60.3%	59.6%	57.3%	63.1%	62.1%	62.6%	58.7%	57.8%	44.2%	56.3%	43.5%	50.3%
	2015	52.8%	42.2%	63.7%	57.3%	59.7%	63.8%	64.0%	64.7%	62.5%	60.6%	59.9%	64.9%	43.4%	51.2%
	2016	47.5%	45.8%	59.0%	56.7%	63.6%	63.2%	65.5%	65.5%	65.4%	56.8%	61.4%	60.0%	50.0%	48.2%
	2017	45.8%	69.0%	52.4%	58.2%	58.4%	62.0%	66.4%	65.5%	62.6%	59.5%	66.6%	49.7%	54.3%	51.5%
	2018	44.9%	57.7%	54.2%	63.7%	61.8%	60.0%	62.9%	65.1%	65.3%	60.8%	55.4%	48.7%	39.8%	51.2%
	2019	50.9%	59.9%	51.1%	59.0%	58.5%	60.7%	62.9%	62.0%	64.1%	62.5%	59.0%	58.4%	56.1%	49.7%
	2020	47.7%	53.3%	60.7%	53.0%	59.7%	56.5%	64.2%	64.0%	60.7%	55.2%	53.4%	50.3%	54.6%	48.6%
Projected	2021	48.2%	49.6%	57.8%	53.4%	53.7%	55.6%	63.2%	63.0%	63.9%	58.2%	53.5%	50.4%	45.6%	50.2%
	2022	48.2%	49.5%	57.7%	53.7%	53.9%	55.7%	63.2%	62.9%	63.8%	58.0%	53.5%	50.4%	45.1%	50.3%
	2023	48.2%	49.4%	57.6%	53.8%	54.0%	55.7%	63.3%	62.9%	63.8%	58.0%	53.6%	50.6%	45.1%	50.3%
	2024	48.2%	49.2%	57.7%	53.8%	54.1%	55.8%	63.2%	62.9%	63.8%	58.0%	53.6%	50.5%	45.3%	50.4%
	2025	48.1%	49.3%	57.6%	53.8%	54.1%	55.8%	63.2%	62.9%	63.8%	58.0%	53.6%	50.6%	45.1%	50.3%
	2026	48.1%	49.2%	57.6%	53.8%	54.1%	55.8%	63.2%	62.9%	63.8%	58.0%	53.5%	50.5%	45.1%	50.3%
	2027	48.0%	49.2%	57.5%	53.8%	54.1%	55.8%	63.2%	62.9%	63.8%	58.0%	53.6%	50.6%	45.1%	50.3%
	2028	48.1%	49.0%	57.5%	53.8%	54.1%	55.8%	63.2%	62.9%	63.8%	57.9%	53.4%	50.5%	45.2%	50.4%
	2029	48.0%	49.2%	57.4%	53.8%	54.1%	55.8%	63.2%	62.9%	63.8%	57.9%	53.3%	50.5%	45.0%	50.3%
	2030	48.0%	49.1%	57.3%	53.7%	54.0%	55.8%	63.2%	62.9%	63.8%	57.9%	53.3%	50.4%	45.0%	50.3%
Avg.	2011-2020	48.1%	51.3%	57.9%	59.3%	60.2%	61.3%	64.8%	64.7%	62.9%	59.5%	58.2%	56.9%	48.0%	50.1%
	2021-2030	48.1%	49.3%	57.6%	53.8%	54.0%	55.7%	63.2%	62.9%	63.8%	58.0%	53.5%	50.5%	45.2%	50.3%

FMPA 2021 Load Forecast - Severe Weather Case

Jacksonville Beach

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	200.1	139.4	100.1	118.9	131.5	148.2	155.0	163.4	117.3	114.6	94.2	91.1	208.7	163.4
	2012	171.1	170.0	99.1	113.2	131.4	135.9	153.1	137.9	142.1	127.2	89.3	132.4	171.1	153.1
	2013	124.0	168.2	161.5	102.3	129.0	149.0	144.4	149.9	138.8	127.1	97.5	96.3	161.5	149.9
	2014	166.4	153.6	104.0	116.1	145.2	145.4	162.8	158.1	145.7	122.2	158.4	128.9	166.4	158.1
	2015	145.4	195.1	97.5	111.5	149.1	151.0	153.6	156.3	148.5	123.8	120.2	99.0	195.1	151.0
	2016	166.7	164.0	112.4	125.9	129.7	160.2	173.5	162.9	140.3	99.4	109.1	101.0	120.2	173.5
	2017	124.0	93.1	101.6	134.3	148.4	149.0	155.9	154.7	143.6	143.9	99.4	149.9	101.6	154.7
	2018	213.8	95.9	94.4	96.5	135.1	162.0	146.8	158.4	152.5	144.0	112.1	147.2	213.8	158.4
	2019	132.3	87.3	92.6	122.5	154.7	155.4	163.4	140.3	156.9	129.2	111.4	88.4	112.1	155.4
	2020	151.1	97.9	104.1	131.4	138.4	163.9	158.0	161.1	155.8	134.4	112.1	131.8	104.1	163.9
Projected	2021	184.1	157.3	120.1	127.2	152.5	167.2	170.2	168.5	156.0	139.7	114.7	134.9	184.1	168.5
	2022	188.5	161.0	123.0	128.6	154.2	169.0	172.0	170.3	157.6	141.2	115.4	135.8	188.5	170.3
	2023	189.7	162.0	123.7	129.1	154.8	169.6	172.6	170.9	158.2	141.7	115.5	135.9	189.7	170.9
	2024	189.8	162.1	123.8	129.6	155.4	170.2	173.3	171.6	158.8	142.3	116.2	136.7	189.8	171.6
	2025	191.0	163.1	124.6	130.3	156.2	171.1	174.2	172.4	159.6	143.0	116.9	137.5	191.0	172.4
	2026	192.0	164.0	125.3	131.0	157.1	171.9	175.1	173.3	160.4	143.8	117.5	138.3	192.0	173.3
	2027	193.2	164.9	126.0	131.6	157.9	172.7	175.9	174.1	161.1	144.5	117.9	138.7	193.2	174.1
	2028	193.8	165.5	126.4	132.2	158.6	173.4	176.6	174.8	161.8	145.2	118.7	139.7	193.8	174.8
	2029	195.1	166.6	127.3	132.8	159.3	174.1	177.3	175.5	162.4	145.8	119.3	140.4	195.1	175.5
	2030	196.1	167.5	127.9	133.5	160.1	175.0	178.2	176.4	163.2	146.6	120.1	141.3	196.1	176.4
Projected	2031	197.4	168.6	128.8	134.3	161.2	176.1	179.3	177.5	164.2	147.6	120.8	142.1	197.4	177.5
	2032	198.6	169.6	129.5	135.3	162.3	177.3	180.5	178.7	165.3	148.6	121.9	143.4	198.6	178.7
	2033	200.4	171.1	130.7	136.2	163.5	178.4	181.7	179.9	166.4	149.6	122.8	144.5	200.4	179.9
	2034	201.9	172.4	131.7	137.1	164.5	179.6	182.8	181.0	167.4	150.6	123.7	145.5	201.9	181.0
	2035	203.2	173.6	132.6	138.0	165.6	180.7	184.0	182.2	168.5	151.6	124.4	146.3	203.2	182.2
	2036	204.4	174.6	133.3	138.9	166.8	181.9	185.2	183.4	169.6	152.6	125.5	147.6	204.4	183.4
	2037	206.2	176.1	134.5	139.6	167.6	182.8	186.1	184.2	170.4	153.4	126.0	148.3	206.2	184.2
	2038	207.1	176.9	135.1	140.2	168.4	183.5	186.9	185.0	171.1	154.1	126.7	149.1	207.1	185.0
	2039	208.3	177.9	135.9	141.0	169.3	184.5	187.9	185.9	172.0	154.9	127.3	149.8	208.3	185.9
	2040	209.3	178.7	136.5	141.8	170.3	185.5	188.9	187.0	172.9	155.8	128.3	150.9	209.3	187.0

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	100.0%	98.6%	99.7%	95.8%	91.9%	94.6%	94.5%	94.9%	75.0%	97.5%	93.2%	88.2%	100.0%	94.9%
	2012	100.0%	100.0%	96.4%	91.5%	94.5%	79.8%	93.7%	91.8%	95.0%	98.6%	78.4%	100.0%	100.0%	89.9%
	2013	100.0%	100.0%	100.0%	92.1%	95.4%	94.4%	97.4%	96.4%	91.1%	95.1%	82.7%	83.8%	96.0%	94.9%
	2014	86.6%	100.0%	90.7%	99.4%	100.0%	95.1%	99.2%	95.0%	93.0%	92.9%	100.0%	100.0%	86.6%	95.0%
	2015	96.6%	100.0%	92.8%	86.4%	99.0%	94.9%	93.0%	99.9%	100.0%	97.9%	96.8%	91.3%	100.0%	91.5%
	2016	97.0%	100.0%	98.0%	99.5%	95.2%	96.4%	97.5%	97.5%	93.0%	72.3%	99.1%	88.2%	70.0%	97.5%
	2017	80.7%	98.7%	77.3%	100.0%	97.2%	98.3%	98.6%	95.4%	94.7%	98.6%	100.0%	100.0%	66.0%	95.4%
	2018	100.0%	82.2%	77.1%	91.4%	100.0%	99.0%	92.2%	100.0%	91.7%	100.0%	87.7%	100.0%	100.0%	95.3%
	2019	88.6%	80.1%	71.6%	99.6%	96.1%	93.6%	99.7%	83.2%	100.0%	92.2%	100.0%	76.5%	75.1%	92.2%
	2020	100.0%	75.3%	87.1%	99.2%	99.1%	96.5%	94.2%	99.1%	96.3%	95.1%	93.0%	93.0%	68.9%	96.5%
Projected	2021	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2022	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2023	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2024	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2025	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2026	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2027	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2028	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2029	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2030	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.5%	93.6%	95.1%	93.0%	93.0%	94.9%	95.5%
	2011-2020	94.9%	93.5%	89.1%	95.5%	96.8%	94.3%	96.0%	95.3%	93.0%	94.0%	93.1%	92.1%	86.3%	94.3%
	2021-2030	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%

FMPA 2021 Load Forecast - Severe Weather Case - Beaches Energy

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service Non-Demand						General Service Demand						City		Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	456,496		28,326		16,116		86,639		4,075		21.3		185,575		364		509		8,002		4,111		740,822		33,428	4.3%	774,250	
	2012	422,220	-7.5%	28,646	1.1%	14,739	-8.5%	82,355	-4.9%	4,086	0.3%	20.2	-5.2%	183,493	-1.1%	368	1.0%	499	-2.1%	7,002	-12.5%	4,123	0.3%	699,194	-5.6%	18,973	2.6%	718,167	-7.2%
	2013	417,918	-1.0%	28,801	0.5%	14,510	-1.6%	80,811	-1.9%	4,143	1.4%	19.5	-3.2%	174,397	-5.0%	359	-2.5%	486	-2.5%	7,912	13.0%	4,127	0.1%	685,165	-2.0%	31,168	4.4%	716,333	-0.3%
	2014	432,573	3.5%	29,081	1.0%	14,875	2.5%	81,978	1.4%	4,187	1.1%	19.6	0.4%	176,532	1.2%	351	-2.1%	503	3.4%	7,922	0.1%	4,137	0.2%	703,142	2.6%	27,109	3.7%	730,250	1.9%
	2015	444,852	2.8%	29,576	1.7%	15,041	1.1%	86,263	5.2%	4,238	1.2%	20.4	4.0%	177,045	0.3%	333	-5.3%	532	5.9%	8,072	1.9%	4,142	0.1%	720,375	2.5%	18,583	2.5%	738,958	1.2%
	2016	445,804	0.2%	29,795	0.7%	14,962	-0.5%	87,508	1.4%	4,298	1.4%	20.4	0.0%	178,982	1.1%	335	0.8%	534	0.3%	8,023	-0.6%	4,153	0.3%	724,471	0.6%	32,860	4.3%	757,330	2.5%
	2017	423,776	-4.9%	29,934	0.5%	14,157	-5.4%	84,678	-3.2%	4,344	1.1%	19.5	-4.3%	176,853	-1.2%	335	-0.1%	528	-1.1%	7,947	-0.9%	4,168	0.4%	697,422	-3.7%	23,608	3.3%	721,030	-4.8%
	2018	439,939	3.8%	30,049	0.4%	14,641	3.4%	83,360	-1.6%	4,348	0.1%	19.2	-1.7%	176,296	-0.3%	343	2.5%	513	-2.7%	8,070	1.5%	4,159	-0.2%	711,825	2.1%	32,294	4.3%	744,119	3.2%
	2019	447,350	1.7%	30,262	0.7%	14,783	1.0%	83,241	-0.1%	4,402	1.2%	18.9	-1.3%	178,338	1.2%	351	2.1%	508	-1.0%	7,717	-4.4%	4,177	0.4%	720,823	1.3%	20,014	2.7%	740,837	-0.4%
	2020	447,320	0.0%	30,218	-0.1%	14,803	0.1%	80,172	-3.7%	4,399	-0.1%	18.2	-3.6%	163,328	-8.4%	340	-3.0%	480	-5.6%	7,743	0.3%	3,659	-12.4%	702,222	-2.6%	26,206	3.6%	728,428	-1.7%
Projected	2021	482,503	7.9%	30,416	0.7%	15,863	7.2%	80,754	0.7%	4,436	0.8%	18.2	-0.1%	166,615	2.0%	340	-0.2%	491	2.2%	7,900	2.0%	3,659	0.0%	741,431	5.6%	26,693	3.5%	768,124	5.4%
	2022	491,600	1.9%	30,558	0.5%	16,087	1.4%	80,642	-0.1%	4,476	0.9%	18.0	-1.0%	175,512	5.3%	346	1.8%	507	3.4%	7,900	0.0%	3,659	0.0%	759,313	2.4%	26,518	3.4%	785,831	2.3%
	2023	492,470	0.2%	30,689	0.4%	16,047	-0.3%	80,989	0.4%	4,506	0.7%	18.0	-0.2%	178,461	1.7%	351	1.4%	509	0.3%	7,900	0.0%	3,659	0.0%	763,480	0.5%	26,625	3.4%	790,104	0.5%
	2024	488,656	-0.8%	30,812	0.4%	15,859	-1.2%	81,864	1.1%	4,533	0.6%	18.1	0.5%	184,393	3.3%	355	1.1%	520	2.2%	7,900	0.0%	3,659	0.0%	766,473	0.4%	28,506	3.6%	794,979	0.6%
	2025	487,726	-0.2%	30,927	0.4%	15,770	-0.6%	82,475	0.7%	4,559	0.6%	18.1	0.2%	188,916	2.5%	358	0.9%	528	1.6%	7,900	0.0%	3,659	0.0%	770,675	0.5%	26,957	3.4%	797,631	0.3%
	2026	488,814	0.2%	31,031	0.3%	15,752	-0.1%	82,829	0.4%	4,583	0.5%	18.1	-0.1%	191,971	1.6%	360	0.7%	533	0.9%	7,900	0.0%	3,659	0.0%	775,172	0.6%	27,126	3.4%	802,298	0.6%
	2027	490,920	0.4%	31,121	0.3%	15,774	0.1%	83,027	0.2%	4,605	0.5%	18.0	-0.2%	194,088	1.1%	362	0.6%	536	0.5%	7,900	0.0%	3,659	0.0%	779,593	0.6%	27,277	3.4%	806,870	0.6%
	2028	493,238	0.5%	31,206	0.3%	15,806	0.2%	83,137	0.1%	4,627	0.5%	18.0	-0.3%	195,683	0.8%	364	0.5%	537	0.3%	7,900	0.0%	3,659	0.0%	783,616	0.5%	29,178	3.6%	812,795	0.7%
	2029	495,863	0.5%	31,288	0.3%	15,848	0.3%	83,199	0.1%	4,648	0.5%	17.9	-0.4%	196,983	0.7%	366	0.5%	538	0.2%	7,900	0.0%	3,659	0.0%	787,604	0.5%	27,553	3.4%	815,157	0.3%
	2030	498,955	0.6%	31,364	0.2%	15,908	0.4%	83,233	0.0%	4,668	0.4%	17.8	-0.4%	198,113	0.6%	368	0.4%	539	0.1%	7,900	0.0%	3,659	0.0%	791,860	0.5%	27,714	3.4%	819,574	0.5%
	2031	503,254	0.9%	31,434	0.2%	16,010	0.6%	83,252	0.0%	4,687	0.4%	17.8	-0.4%	199,138	0.5%	369	0.4%	539	0.1%	7,900	0.0%	3,659	0.0%	797,203	0.7%	27,907	3.4%	825,109	0.7%
	2032	508,069	1.0%	31,493	0.2%	16,133	0.8%	83,263	0.0%	4,706	0.4%	17.7	-0.4%	200,091	0.5%	370	0.4%	540	0.1%	7,900	0.0%	3,659	0.0%	802,982	0.7%	29,907	3.6%	832,888	0.9%
	2033	512,949	1.0%	31,549	0.2%	16,259	0.8%	83,269	0.0%	4,724	0.4%	17.6	-0.4%	201,009	0.5%	372	0.3%	541	0.1%	7,900	0.0%	3,659	0.0%	808,786	0.7%	28,301	3.4%	837,086	0.5%
	2034	517,827	1.0%	31,604	0.2%	16,385	0.8%	83,272	0.0%	4,741	0.4%	17.6	-0.4%	201,905	0.4%	373	0.3%	541	0.1%	7,900	0.0%	3,659	0.0%	814,563	0.7%	28,489	3.4%	843,051	0.7%
	2035	522,562	0.9%	31,656	0.2%	16,508	0.7%	83,274	0.0%	4,758	0.4%	17.5	-0.4%	202,789	0.4%	374	0.3%	542	0.1%	7,900	0.0%	3,659	0.0%	820,185	0.7%	28,683	3.4%	848,868	0.7%
	2036	527,635	1.0%	31,702	0.1%	16,643	0.8%	83,275	0.0%	4,774	0.3%	17.4	-0.3%	203,656	0.4%	375	0.3%	543	0.1%	7,900	0.0%	3,659	0.0%	826,125	0.7%	30,742	3.6%	856,867	0.9%
	2037	531,883	0.8%	31,742	0.1%	16,757	0.7%	83,276	0.0%	4,789	0.3%	17.4	-0.3%	204,505	0.4%	376	0.3%	543	0.1%	7,900	0.0%	3,659	0.0%	831,223	0.6%	29,030	3.4%	860,253	0.4%
	2038	535,033	0.6%	31,781	0.1%	16,835	0.5%	83,276	0.0%	4,804	0.3%	17.3	-0.3%	205,341	0.4%	377	0.3%	544	0.1%	7,900	0.0%	3,659	0.0%	835,210	0.5%	29,167	3.4%	864,377	0.5%
	2039	538,883	0.7%	31,820	0.1%	16,935	0.6%	83,276	0.0%	4,819	0.3%	17.3	-0.3%	206,174	0.4%	378	0.3%	545	0.1%	7,900	0.0%	3,659	0.0%	839,892	0.6%	29,337	3.4%	869,229	0.6%
	2040	543,417	0.8%	31,859	0.1%	17,057	0.7%	83,276	0.0%	4,833	0.3%	17.2	-0.3%	207,001	0.4%	379	0.3%	546	0.1%	7,900	0.0%	3,659	0.0%	845,254	0.6%	31,429	3.6%	876,683	0.9%
CAGR	2011-2020		-0.2%		0.7%		-0.9%		-0.9%		0.9%		-1.7%		-1.4%		-0.8%		-0.7%		-0.4%		-1.3%		-0.6%		3.6%		-0.7%
	2021-2030		0.4%		0.3%		0.0%		0.3%		0.6%		-0.2%		1.9%		0.9%		1.0%		0.0%		0.0%		0.7%		3.4%		0.7%
	2031-2040		0.9%		0.1%		0.7%		0.0%		0.3%		-0.3%		0.4%		0.3%		0.1%		0.0%		0.0%		0.7%		3.4%		0.7%

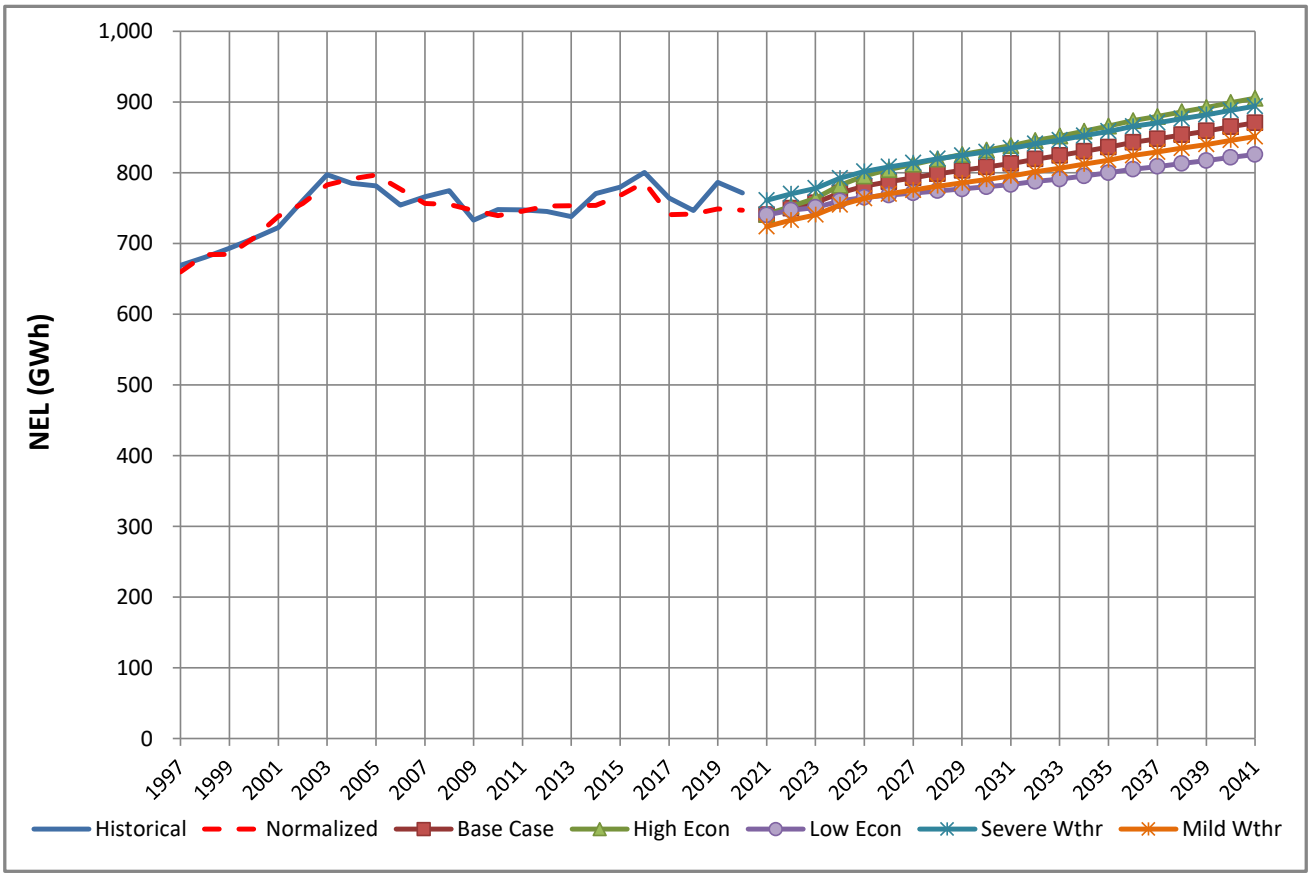
CAGR - Compound Average Growth Rate.

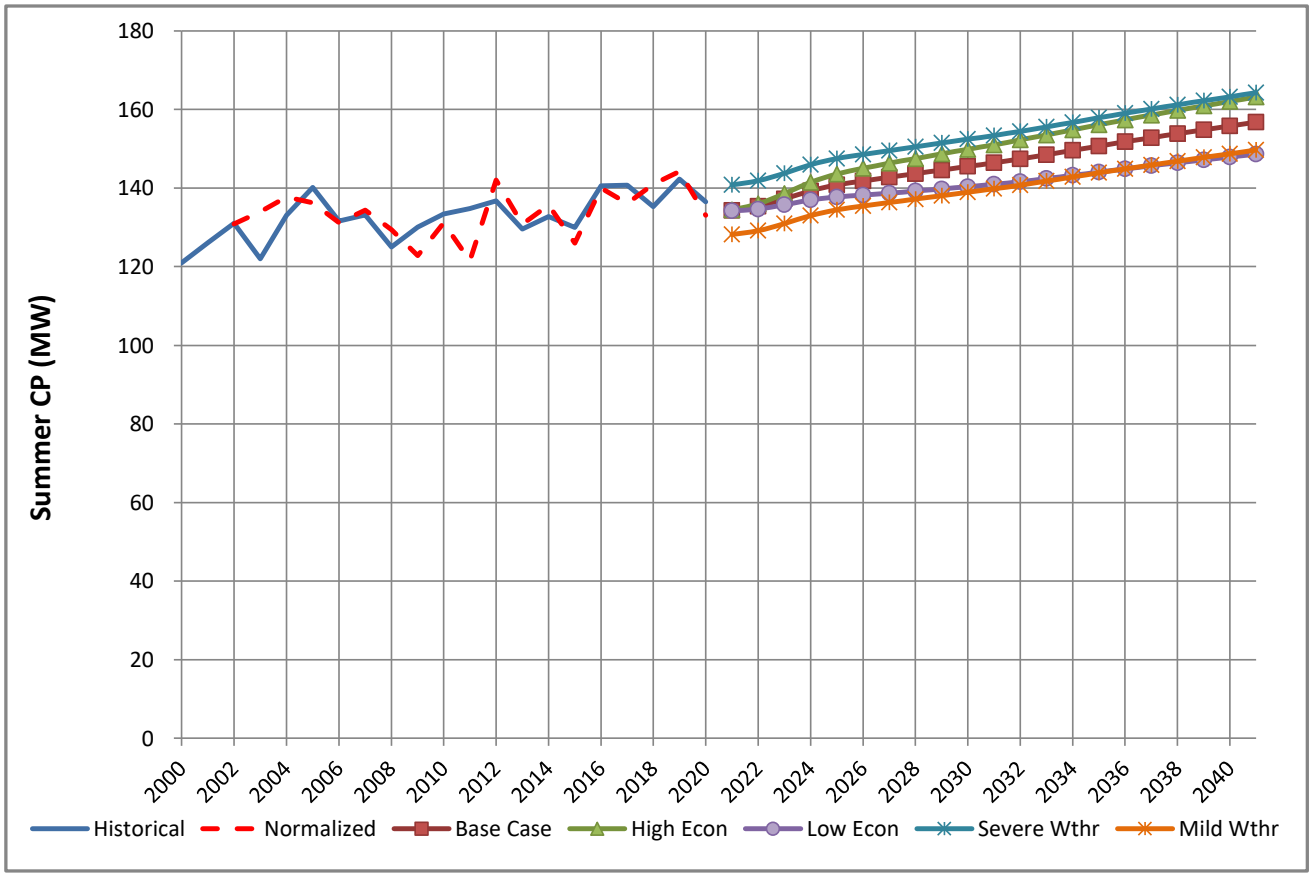
Keys

FMPA 2021 Load Forecast

Key West

Historical and Projected NEL and Annual Coincident Peak Demand





FMPA 2021 Load Forecast - Low Economic Case

Keys Energy

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	747,355	-	745,892	-	-0.2%	76.9	-	85.7	-	11.3%	134.8	-	122.8		-8.9%
	2012	745,122	-0.3%	753,202	1.0%	1.1%	80.6	4.7%	76.9	-10.2%	-4.5%	136.7	1.4%	141.2	15.0%	3.3%
	2013	738,003	-1.0%	753,276	0.0%	2.1%	70.6	-12.3%	75.6	-1.7%	7.1%	129.6	-5.2%	130.1	-7.9%	0.4%
	2014	770,420	4.4%	753,723	0.1%	-2.2%	75.0	6.2%	77.2	2.1%	2.9%	132.7	2.4%	134.9	3.7%	1.7%
	2015	779,772	1.2%	767,942	1.9%	-1.5%	89.9	19.9%	77.9	0.9%	-13.4%	130.0	-2.1%	126.0	-6.6%	-3.1%
	2016	800,141	2.6%	786,510	2.4%	-1.7%	123.7	37.5%	81.7	4.9%	-33.9%	140.6	8.1%	140.0	11.1%	-0.4%
	2017	764,330	-4.5%	740,607	-5.8%	-3.1%	112.6	-8.9%	76.7	-6.0%	-31.9%	140.7	0.1%	136.0	-2.8%	-3.3%
	2018	746,631	-2.3%	741,530	0.1%	-0.7%	75.6	-32.8%	76.2	-0.8%	0.7%	135.2	-3.9%	141.0	3.6%	4.2%
	2019	786,598	5.4%	748,855	1.0%	-4.8%	114.3	51.1%	81.0	6.3%	-29.2%	142.3	5.2%	144.2	2.3%	1.4%
	2020	771,538	-1.9%	747,083	-0.2%	-3.2%	110.2	-3.6%	81.7	0.9%	-25.9%	136.4	-4.1%	133.0	-7.8%	-2.5%
Projected	2021	740,276	-4.1%	740,276	-0.9%		75.2	-31.7%	75.2	-7.9%		134.2	-1.6%	134.2	0.9%	
	2022			747,050	0.9%				76.2	1.3%				134.7	0.3%	
	2023			750,842	0.5%				76.3	0.2%				135.7	0.8%	
	2024			760,170	1.2%				76.9	0.8%				137.0	0.9%	
	2025			765,103	0.6%				78.2	1.6%				137.7	0.6%	
	2026			768,389	0.4%				78.6	0.5%				138.2	0.4%	
	2027			771,198	0.4%				78.9	0.4%				138.7	0.4%	
	2028			774,678	0.5%				78.6	-0.3%				139.2	0.4%	
	2029			777,066	0.3%				79.5	1.1%				139.8	0.4%	
	2030			780,134	0.4%				79.8	0.4%				140.3	0.4%	
	2031			783,318	0.4%				80.1	0.4%				140.9	0.4%	
	2032			787,639	0.6%				79.9	-0.3%				141.6	0.5%	
	2033			791,071	0.4%				80.8	1.2%				142.4	0.5%	
	2034			795,473	0.6%				81.3	0.5%				143.2	0.6%	
	2035			799,957	0.6%				81.7	0.6%				144.0	0.6%	
	2036			805,113	0.6%				81.6	-0.2%				144.9	0.6%	
	2037			808,808	0.5%				82.6	1.2%				145.7	0.5%	
	2038			812,987	0.5%				83.0	0.5%				146.4	0.5%	
	2039			817,061	0.5%				83.5	0.5%				147.2	0.5%	
	2040			821,779	0.6%				83.3	-0.2%				147.9	0.5%	
CAGR [3]	2011-2020		0.4%		0.0%			4.1%		-0.5%			0.1%		0.9%	
	2021-2030				0.6%					0.7%					0.5%	
	2031-2040				0.5%					0.4%					0.5%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Keys Energy

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	747,355	-	747,355	-	116.7	139.7	116.7	139.7	76.9	134.8	76.9	134.8
	2012	745,122	-0.3%	745,122	-0.3%	111.9	137.0	111.9	137.0	80.6	136.7	80.6	136.7
	2013	738,003	-1.0%	738,003	-1.0%	115.9	136.1	115.9	136.1	70.6	129.6	70.6	129.6
	2014	770,420	4.4%	770,420	4.4%	115.1	144.2	115.1	144.2	75.0	132.7	75.0	132.7
	2015	779,772	1.2%	779,772	1.2%	124.0	146.7	124.0	146.7	89.9	130.0	89.9	130.0
	2016	800,141	2.6%	800,141	2.6%	128.5	147.2	128.5	147.2	123.7	140.6	123.7	140.6
	2017	764,330	-4.5%	764,330	-4.5%	116.6	148.0	116.6	148.0	112.6	140.7	112.6	140.7
	2018	746,631	-2.3%	746,631	-2.3%	127.9	145.0	127.9	145.0	75.6	135.2	75.6	135.2
	2019	786,598	5.4%	786,598	5.4%	122.4	146.7	122.4	146.7	114.3	142.3	114.3	142.3
	2020	771,538	-1.9%	770,442	-2.1%	121.8	142.8	124.4	149.1	110.2	136.4	78.8	140.2
Projected	2021	740,276	-4.1%	769,393	-0.1%	114.1	143.4	124.1	148.7	75.2	134.2	79.8	139.9
	2022	747,050	0.9%	767,778	-0.2%	114.5	143.9	123.8	148.3	76.2	134.7	79.7	139.5
	2023	750,842	0.5%	764,480	-0.4%	115.4	145.0	123.2	147.6	76.3	135.7	79.4	138.8
	2024	760,170	1.2%	762,218	-0.3%	116.4	146.3	122.8	147.1	76.9	137.0	78.5	138.3
	2025	765,103	0.6%	759,815	-0.3%	117.1	147.2	122.5	146.8	78.2	137.7	78.8	138.1
	2026	768,389	0.4%	758,944	-0.1%	117.5	147.7	122.4	146.7	78.6	138.2	78.7	138.0
	2027	771,198	0.4%	758,622	0.0%	117.9	148.2	122.4	146.7	78.9	138.7	78.7	137.9
	2028	774,678	0.5%	759,311	0.1%	118.4	148.8	122.4	146.7	78.6	139.2	78.1	138.0
	2029	777,066	0.3%	758,953	0.0%	118.8	149.4	122.5	146.8	79.5	139.8	78.7	138.0
	2030	780,134	0.4%	759,386	0.1%	119.3	150.0	122.6	146.9	79.8	140.3	78.7	138.1
	2031	783,318	0.4%	760,503	0.1%	119.8	150.6	122.8	147.1	80.1	140.9	78.8	138.4
	2032	787,639	0.6%	762,782	0.3%	120.4	151.3	123.1	147.5	79.9	141.6	78.4	138.7
	2033	791,071	0.4%	764,093	0.2%	121.1	152.2	123.4	147.9	80.8	142.4	79.2	139.1
	2034	795,473	0.6%	766,111	0.3%	121.7	153.0	123.8	148.3	81.3	143.2	79.4	139.4
	2035	799,957	0.6%	768,084	0.3%	122.4	153.9	124.1	148.7	81.7	144.0	79.6	139.8
	2036	805,113	0.6%	770,661	0.3%	123.1	154.8	124.4	149.1	81.6	144.9	79.2	140.2
	2037	808,808	0.5%	771,998	0.2%	123.8	155.6	124.7	149.4	82.6	145.7	80.0	140.5
	2038	812,987	0.5%	773,906	0.2%	124.5	156.4	125.0	149.8	83.0	146.4	80.2	140.9
	2039	817,061	0.5%	775,766	0.2%	125.1	157.2	125.3	150.2	83.5	147.2	80.4	141.2
	2040	821,779	0.6%			125.7	158.0			83.3	147.9		
CAGR[1]	Historical		0.4%		0.6%	0.5%	0.2%	0.6%	0.6%	4.0%	0.0%	5.1%	0.6%
	1st 10 Prj Yrs		0.6%		-0.2%	0.5%	0.5%	-0.2%	-0.2%	0.7%	0.5%	0.0%	-0.2%
	2nd 10 Prj Yrs		0.5%		0.2%	0.5%	0.5%	0.2%	0.2%	0.4%	0.5%	0.2%	0.2%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Keys Energy

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	747,355	-	745,892	-	-0.2%	76.9	-	85.7	-	11.3%	134.8	-	122.8		-8.9%
	2012	745,122	-0.3%	753,202	1.0%	1.1%	80.6	4.7%	76.9	-10.2%	-4.5%	136.7	1.4%	141.2	15.0%	3.3%
	2013	738,003	-1.0%	753,276	0.0%	2.1%	70.6	-12.3%	75.6	-1.7%	7.1%	129.6	-5.2%	130.1	-7.9%	0.4%
	2014	770,420	4.4%	753,723	0.1%	-2.2%	75.0	6.2%	77.2	2.1%	2.9%	132.7	2.4%	134.9	3.7%	1.7%
	2015	779,772	1.2%	767,942	1.9%	-1.5%	89.9	19.9%	77.9	0.9%	-13.4%	130.0	-2.1%	126.0	-6.6%	-3.1%
	2016	800,141	2.6%	786,510	2.4%	-1.7%	123.7	37.5%	81.7	4.9%	-33.9%	140.6	8.1%	140.0	11.1%	-0.4%
	2017	764,330	-4.5%	740,607	-5.8%	-3.1%	112.6	-8.9%	76.7	-6.0%	-31.9%	140.7	0.1%	136.0	-2.8%	-3.3%
	2018	746,631	-2.3%	741,530	0.1%	-0.7%	75.6	-32.8%	76.2	-0.8%	0.7%	135.2	-3.9%	141.0	3.6%	4.2%
	2019	786,598	5.4%	748,855	1.0%	-4.8%	114.3	51.1%	81.0	6.3%	-29.2%	142.3	5.2%	144.2	2.3%	1.4%
	2020	771,538	-1.9%	731,552	-2.3%	-5.2%	110.2	-3.6%	81.7	0.9%	-25.9%	136.4	-4.1%	133.0	-7.8%	-2.5%
Projected	2021	739,926	-4.1%	739,926	1.1%		75.2	-31.7%	75.2	-7.9%		134.1	-1.7%	134.1	0.8%	
	2022			746,545	0.9%				76.2	1.3%				134.5	0.3%	
	2023			750,181	0.5%				76.3	0.2%				135.6	0.8%	
	2024			759,332	1.2%				76.9	0.8%				136.8	0.9%	
	2025			764,073	0.6%				78.2	1.6%				137.5	0.5%	
	2026			767,092	0.4%				78.6	0.5%				137.9	0.3%	
	2027			769,611	0.3%				78.9	0.4%				138.3	0.3%	
	2028			772,779	0.4%				78.6	-0.3%				138.8	0.3%	
	2029			774,845	0.3%				79.5	1.1%				139.3	0.3%	
	2030			777,575	0.4%				79.8	0.4%				139.7	0.3%	
	2031			780,536	0.4%				80.1	0.4%				140.3	0.4%	
	2032			784,624	0.5%				79.9	-0.3%				140.9	0.5%	
	2033			787,838	0.4%				80.8	1.2%				141.6	0.5%	
	2034			792,000	0.5%				81.3	0.5%				142.4	0.5%	
	2035			796,318	0.5%				81.7	0.6%				143.2	0.5%	
	2036			801,260	0.6%				81.6	-0.2%				144.0	0.5%	
	2037			804,745	0.4%				82.6	1.2%				144.7	0.5%	
	2038			808,681	0.5%				83.0	0.5%				145.4	0.5%	
	2039			812,444	0.5%				83.5	0.5%				146.1	0.5%	
	2040			816,843	0.5%				83.3	-0.2%				146.7	0.5%	
CAGR [3]	2011-2020		0.4%		-0.2%			4.1%		-0.5%			0.1%		0.9%	
	2021-2030				0.6%					0.7%					0.5%	
	2031-2040				0.5%					0.4%					0.5%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Keys Energy

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	747,355	-	745,892	-	-0.2%	116.7	-	73.1%	139.7	-	61.1%
	2012	745,122	-0.3%	753,202	1.0%	1.1%	111.9	-4.1%	76.0%	137.0	-1.9%	62.1%
	2013	738,003	-1.0%	753,276	0.0%	2.1%	115.9	3.6%	72.7%	136.1	-0.7%	61.9%
	2014	770,420	4.4%	753,723	0.1%	-2.2%	115.1	-0.7%	76.4%	144.2	6.0%	61.0%
	2015	779,772	1.2%	767,942	1.9%	-1.5%	124.0	7.7%	71.8%	146.7	1.8%	60.7%
	2016	800,141	2.6%	786,510	2.4%	-1.7%	128.5	3.6%	71.1%	147.2	0.3%	62.1%
	2017	764,330	-4.5%	740,607	-5.8%	-3.1%	116.6	-9.2%	74.8%	148.0	0.6%	59.0%
	2018	746,631	-2.3%	741,530	0.1%	-0.7%	127.9	9.7%	66.6%	145.0	-2.0%	58.8%
	2019	786,598	5.4%	748,855	1.0%	-4.8%	122.4	-4.3%	73.4%	146.7	1.2%	61.2%
	2020	771,538	-1.9%	747,083	-0.2%	-3.2%	121.8	-0.5%	72.3%	142.8	-2.7%	61.7%
Projected	2021	739,926	-4.1%	739,926	-1.0%		114.1	-6.3%	74.0%	143.3	0.4%	58.9%
	2022	746,545	0.9%	746,545	0.9%		114.5	0.3%	74.5%	143.8	0.3%	59.3%
	2023	750,181	0.5%	750,181	0.5%		115.4	0.8%	74.2%	144.9	0.8%	59.1%
	2024	759,332	1.2%	759,332	1.2%		116.4	0.9%	74.5%	146.1	0.9%	59.3%
	2025	764,073	0.6%	764,073	0.6%		117.1	0.6%	74.5%	146.9	0.5%	59.4%
	2026	767,092	0.4%	767,092	0.4%		117.5	0.4%	74.5%	147.4	0.3%	59.4%
	2027	769,611	0.3%	769,611	0.3%		117.9	0.4%	74.5%	147.8	0.3%	59.4%
	2028	772,779	0.4%	772,779	0.4%		118.4	0.4%	74.5%	148.3	0.3%	59.5%
	2029	774,845	0.3%	774,845	0.3%		118.8	0.4%	74.4%	148.8	0.3%	59.4%
	2030	777,575	0.4%	777,575	0.4%		119.3	0.4%	74.4%	149.3	0.3%	59.4%
	2031	780,536	0.4%	780,536	0.4%		119.8	0.4%	74.4%	149.9	0.4%	59.4%
	2032	784,624	0.5%	784,624	0.5%		120.4	0.5%	74.4%	150.6	0.5%	59.5%
	2033	787,838	0.4%	787,838	0.4%		121.1	0.5%	74.3%	151.4	0.5%	59.4%
	2034	792,000	0.5%	792,000	0.5%		121.7	0.6%	74.3%	152.2	0.5%	59.4%
	2035	796,318	0.5%	796,318	0.5%		122.4	0.6%	74.2%	153.0	0.5%	59.4%
	2036	801,260	0.6%	801,260	0.6%		123.1	0.6%	74.3%	153.9	0.5%	59.4%
	2037	804,745	0.4%	804,745	0.4%		123.8	0.5%	74.2%	154.7	0.5%	59.4%
	2038	808,681	0.5%	808,681	0.5%		124.5	0.5%	74.2%	155.4	0.5%	59.4%
	2039	812,444	0.5%	812,444	0.5%		125.1	0.5%	74.1%	156.1	0.5%	59.4%
	2040	816,843	0.5%	816,843	0.5%		125.7	0.5%	74.2%	156.8	0.5%	59.5%
CAGR [1]	2011-2020		0.4%		0.0%			0.5%	72.8%		0.2%	60.9%
	2021-2030		0.6%		0.6%			0.5%	74.4%		0.5%	59.3%
	2031-2040		0.5%		0.5%			0.5%	74.3%		0.5%	59.4%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Keys Energy

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	49,625	48,449	56,147	65,165	69,232	71,432	78,079	77,082	70,539	60,811	54,188	52,785	753,536	747,355
	2012	51,397	53,175	59,574	57,998	67,590	69,438	74,466	76,175	67,524	65,601	48,607	53,915	745,460	745,122
	2013	55,836	50,949	51,639	62,662	64,933	70,122	72,098	74,100	67,540	67,252	57,589	57,667	752,389	738,003
	2014	53,092	53,415	56,611	60,541	67,688	69,346	79,381	79,668	68,170	65,644	50,922	52,962	757,440	770,420
	2015	53,715	47,581	63,128	67,941	69,700	73,252	81,282	80,654	72,991	68,760	64,072	63,175	806,252	779,772
	2016	52,882	49,348	62,070	61,116	70,437	75,779	82,211	79,138	71,154	66,855	54,673	60,964	786,625	800,141
	2017	55,757	52,183	57,213	60,944	71,292	74,888	81,754	80,336	47,471	64,871	54,508	52,247	753,464	764,330
	2018	48,532	53,364	53,366	60,374	61,922	70,634	79,380	77,032	70,400	68,516	58,974	54,326	756,820	746,631
	2019	51,368	54,207	58,778	62,591	72,145	77,287	80,821	78,346	69,239	71,166	56,483	54,901	787,332	786,598
	2020	53,841	53,598	58,247	61,066	60,655	72,736	76,588	80,314	71,943	62,284	52,403	51,750	755,426	771,538
Projected	2021	51,861	47,991	55,659	58,789	65,196	71,258	76,118	76,174	70,443	63,853	53,564	52,444	743,350	739,926
	2022	52,537	48,593	56,245	59,105	65,307	71,417	76,371	76,450	70,660	64,017	53,664	52,528	746,893	746,545
	2023	52,610	48,667	56,390	59,377	65,724	71,818	76,929	77,148	71,309	64,768	54,444	53,338	752,521	750,181
	2024	53,359	50,014	57,156	60,077	66,379	72,548	77,580	77,728	71,942	65,299	54,869	53,846	760,796	759,332
	2025	53,835	49,804	57,611	60,528	66,840	72,995	78,011	78,133	72,303	65,619	55,137	54,126	764,940	764,073
	2026	54,082	50,029	57,847	60,768	67,090	73,242	78,257	78,373	72,525	65,828	55,318	54,327	767,684	767,092
	2027	54,271	50,207	58,039	60,971	67,313	73,474	78,498	78,614	72,750	66,038	55,496	54,519	770,191	769,611
	2028	54,456	51,027	58,226	61,169	67,533	73,709	78,750	78,868	72,988	66,259	55,681	54,717	773,382	772,779
	2029	54,654	50,563	58,426	61,383	67,772	73,968	79,030	79,149	73,245	66,491	55,870	54,913	775,464	774,845
	2030	54,852	50,746	58,626	61,594	68,008	74,226	79,311	79,432	73,505	66,739	56,074	55,119	778,232	777,575
Projected	2031	55,062	50,938	58,840	61,821	68,265	74,510	79,623	79,747	73,799	67,008	56,298	55,348	781,258	780,536
	2032	55,298	51,815	59,091	62,090	68,568	74,847	79,992	80,122	74,147	67,326	56,561	55,611	785,469	784,624
	2033	55,569	51,408	59,374	62,391	68,907	75,223	80,402	80,536	74,531	67,673	56,847	55,896	788,755	787,838
	2034	55,862	51,678	59,680	62,714	69,270	75,625	80,841	80,978	74,937	68,045	57,153	56,196	792,979	792,000
	2035	56,168	51,958	59,999	63,049	69,643	76,038	81,290	81,429	75,350	68,412	57,452	56,491	797,279	796,318
	2036	56,471	52,906	60,314	63,382	70,015	76,448	81,736	81,874	75,759	68,779	57,752	56,785	802,221	801,260
	2037	56,771	52,508	60,621	63,703	70,372	76,842	82,162	82,301	76,148	69,123	58,032	57,061	805,645	804,745
	2038	57,054	52,766	60,910	64,008	70,712	77,217	82,569	82,708	76,521	69,451	58,298	57,326	809,540	808,681
	2039	57,326	53,014	61,185	64,298	71,037	77,574	82,959	83,098	76,878	69,773	58,559	57,587	813,287	812,444
	2040	57,594	53,941	61,457	64,585	71,358	77,928	83,344	83,485	77,231	70,091	58,817	57,846	817,679	816,843

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	6.6%	6.4%	7.5%	8.6%	9.2%	9.5%	10.4%	10.2%	9.4%	8.1%	7.2%	7.0%	100.0%
	2012	6.9%	7.1%	8.0%	7.8%	9.1%	9.3%	10.0%	10.2%	9.1%	8.8%	6.5%	7.2%	100.0%
	2013	7.4%	6.8%	6.9%	8.3%	8.6%	9.3%	9.6%	9.8%	9.0%	8.9%	7.7%	7.7%	100.0%
	2014	7.0%	7.1%	7.5%	8.0%	8.9%	9.2%	10.5%	10.5%	9.0%	8.7%	6.7%	7.0%	100.0%
	2015	6.7%	5.9%	7.8%	8.4%	8.6%	9.1%	10.1%	10.0%	9.1%	8.5%	7.9%	7.8%	100.0%
	2016	6.7%	6.3%	7.9%	7.8%	9.0%	9.6%	10.5%	10.1%	9.0%	8.5%	7.0%	7.8%	100.0%
	2017	7.4%	6.9%	7.6%	8.1%	9.5%	9.9%	10.9%	10.7%	6.3%	8.6%	7.2%	6.9%	100.0%
	2018	6.4%	7.1%	7.1%	8.0%	8.2%	9.3%	10.5%	10.2%	9.3%	9.1%	7.8%	7.2%	100.0%
	2019	6.5%	6.9%	7.5%	7.9%	9.2%	9.8%	10.3%	10.0%	8.8%	9.0%	7.2%	7.0%	100.0%
	2020	7.1%	7.1%	7.7%	8.1%	8.0%	9.6%	10.1%	10.6%	9.5%	8.2%	6.9%	6.9%	100.0%
Projected	2021	7.0%	6.5%	7.5%	7.9%	8.8%	9.6%	10.2%	10.2%	9.5%	8.6%	7.2%	7.1%	100.0%
	2022	7.0%	6.5%	7.5%	7.9%	8.7%	9.6%	10.2%	10.2%	9.5%	8.6%	7.2%	7.0%	100.0%
	2023	7.0%	6.5%	7.5%	7.9%	8.7%	9.5%	10.2%	10.3%	9.5%	8.6%	7.2%	7.1%	100.0%
	2024	7.0%	6.6%	7.5%	7.9%	8.7%	9.5%	10.2%	10.2%	9.5%	8.6%	7.2%	7.1%	100.0%
	2025	7.0%	6.5%	7.5%	7.9%	8.7%	9.5%	10.2%	10.2%	9.5%	8.6%	7.2%	7.1%	100.0%
	2026	7.0%	6.5%	7.5%	7.9%	8.7%	9.5%	10.2%	10.2%	9.4%	8.6%	7.2%	7.1%	100.0%
	2027	7.0%	6.5%	7.5%	7.9%	8.7%	9.5%	10.2%	10.2%	9.4%	8.6%	7.2%	7.1%	100.0%
	2028	7.0%	6.6%	7.5%	7.9%	8.7%	9.5%	10.2%	10.2%	9.4%	8.6%	7.2%	7.1%	100.0%
	2029	7.0%	6.5%	7.5%	7.9%	8.7%	9.5%	10.2%	10.2%	9.4%	8.6%	7.2%	7.1%	100.0%
	2030	7.0%	6.5%	7.5%	7.9%	8.7%	9.5%	10.2%	10.2%	9.4%	8.6%	7.2%	7.1%	100.0%
Avg.	2011-2020	6.9%	6.8%	7.5%	8.1%	8.8%	9.5%	10.3%	10.2%	8.8%	8.6%	7.2%	7.2%	100.0%
	2021-2030	7.0%	6.5%	7.5%	7.9%	8.7%	9.5%	10.2%	10.2%	9.5%	8.6%	7.2%	7.1%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Low Economic Case

Keys Energy

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	94.3	98.6	116.7	125.1	128.0	134.3	139.7	137.6	130.7	120.4	106.7	100.3	116.7	139.7
	2012	96.8	110.2	111.9	118.9	129.0	133.0	137.0	136.5	128.4	123.9	94.8	106.8	111.9	137.0
	2013	103.4	113.0	115.9	125.6	126.2	134.1	136.1	135.5	129.6	128.0	114.6	107.8	115.9	136.1
	2014	107.6	112.8	115.1	123.9	123.4	133.2	144.2	142.2	136.1	127.0	111.0	106.4	115.1	144.2
	2015	109.4	110.3	124.0	137.7	130.5	140.6	146.7	145.2	142.4	130.8	128.0	124.5	124.0	146.7
	2016	122.7	113.8	128.5	129.7	136.8	142.3	147.2	143.7	137.7	130.6	107.2	116.2	128.5	147.2
	2017	114.5	113.4	116.6	126.0	139.1	138.9	148.0	147.0	141.7	124.7	127.9	108.1	116.6	148.0
	2018	95.5	111.5	115.8	123.7	118.0	134.7	145.0	140.1	134.2	125.9	122.4	113.8	127.9	145.0
	2019	112.1	119.8	118.6	126.3	133.2	142.6	146.7	143.7	134.2	131.5	121.0	109.7	122.4	146.7
	2020	114.5	121.8	119.9	121.6	124.3	140.7	142.4	142.8	139.1	126.4	111.9	108.1	121.8	142.8
Projected	2021	108.3	111.9	114.1	124.6	131.0	138.2	143.3	141.4	134.8	126.9	112.4	109.5	114.1	143.3
	2022	109.7	113.4	114.5	125.0	131.5	138.6	143.8	141.8	135.2	127.3	112.8	109.6	114.5	143.8
	2023	109.9	113.6	115.4	126.0	132.5	139.7	144.9	142.9	136.3	128.3	113.7	110.5	115.4	144.9
	2024	110.7	114.5	116.4	127.1	133.7	140.9	146.1	144.2	137.4	129.4	114.7	112.3	116.4	146.1
	2025	112.5	116.3	117.1	127.8	134.4	141.7	146.9	145.0	138.2	130.2	115.4	112.9	117.1	146.9
	2026	113.1	116.9	117.5	128.3	134.9	142.1	147.4	145.4	138.6	130.6	115.8	113.3	117.5	147.4
	2027	113.5	117.4	117.9	128.7	135.3	142.6	147.8	145.9	139.0	131.0	116.2	112.9	117.9	147.8
	2028	113.1	117.0	118.4	129.1	135.8	143.0	148.3	146.3	139.5	131.5	116.6	114.2	118.4	148.3
	2029	114.4	118.3	118.8	129.6	136.3	143.5	148.8	146.8	140.0	131.9	117.1	114.6	118.8	148.8
	2030	114.8	118.7	119.3	130.1	136.8	144.0	149.3	147.3	140.4	132.4	117.6	115.1	119.3	149.3
Projected	2031	115.3	119.2	119.8	130.6	137.3	144.6	149.9	147.9	141.0	133.0	118.1	114.8	119.8	149.9
	2032	115.0	118.9	120.4	131.2	138.0	145.2	150.6	148.6	141.6	133.6	118.7	116.1	120.4	150.6
	2033	116.4	120.3	121.1	131.9	138.7	146.0	151.4	149.4	142.4	134.3	119.3	116.8	121.1	151.4
	2034	117.0	121.0	121.7	132.6	139.5	146.8	152.2	150.2	143.1	135.1	120.0	117.4	121.7	152.2
	2035	117.6	121.6	122.4	133.4	140.3	147.6	153.0	151.0	143.9	135.8	120.7	117.2	122.4	153.0
	2036	117.5	121.5	123.1	134.1	141.0	148.4	153.9	151.8	144.7	136.6	121.4	118.7	123.1	153.9
	2037	118.9	123.0	123.8	134.8	141.8	149.1	154.7	152.6	145.4	137.3	122.0	119.3	123.8	154.7
	2038	119.5	123.6	124.5	135.5	142.5	149.9	155.4	153.3	146.1	138.0	122.7	119.9	124.5	155.4
	2039	120.1	124.2	125.1	136.2	143.2	150.6	156.1	154.0	146.8	138.6	123.3	119.6	125.1	156.1
	2040	119.9	123.9	125.7	136.8	143.9	151.2	156.8	154.7	147.5	139.3	123.9	121.5	125.7	156.8

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	70.8%	73.1%	64.7%	72.3%	72.7%	73.9%	75.1%	75.3%	75.0%	67.9%	70.6%	70.8%	73.7%	61.6%
	2012	71.4%	69.3%	71.6%	67.7%	70.4%	72.5%	73.0%	75.0%	73.1%	71.2%	71.2%	67.9%	76.1%	62.1%
	2013	72.5%	67.1%	59.9%	69.3%	69.2%	72.6%	71.2%	73.5%	72.4%	70.6%	69.8%	71.9%	74.1%	63.1%
	2014	66.3%	70.4%	66.1%	67.9%	73.7%	72.3%	74.0%	75.3%	69.6%	69.5%	63.7%	66.9%	75.1%	60.0%
	2015	66.0%	64.2%	68.4%	68.5%	71.8%	72.4%	74.4%	74.6%	71.2%	70.7%	69.5%	68.2%	74.2%	62.7%
	2016	57.9%	62.3%	64.9%	65.5%	69.2%	74.0%	75.1%	74.0%	71.8%	68.8%	70.8%	70.5%	69.9%	61.0%
	2017	65.5%	68.5%	65.9%	67.2%	68.9%	74.9%	74.3%	73.5%	46.5%	69.9%	59.2%	65.0%	73.8%	58.1%
	2018	68.3%	71.2%	62.0%	67.8%	70.5%	72.8%	73.6%	73.9%	72.9%	73.1%	66.9%	64.2%	67.6%	59.6%
	2019	61.6%	67.4%	66.6%	68.8%	72.8%	75.3%	74.0%	73.3%	71.6%	72.7%	64.8%	67.3%	73.5%	61.3%
	2020	63.2%	63.2%	65.3%	69.7%	65.6%	71.8%	72.3%	75.6%	71.8%	66.2%	65.0%	64.4%	70.8%	60.4%
Projected	2021	64.4%	63.8%	65.6%	65.5%	66.9%	71.6%	71.4%	72.4%	72.6%	67.6%	66.2%	64.4%	74.4%	59.2%
	2022	64.4%	63.8%	66.0%	65.7%	66.8%	71.5%	71.4%	72.4%	72.6%	67.6%	66.1%	64.4%	74.5%	59.3%
	2023	64.4%	63.8%	65.7%	65.4%	66.7%	71.4%	71.4%	72.5%	72.7%	67.8%	66.5%	64.9%	74.4%	59.3%
	2024	64.8%	62.8%	66.0%	65.6%	66.7%	71.5%	71.4%	72.5%	72.7%	67.8%	66.4%	64.4%	74.6%	59.4%
	2025	64.3%	63.7%	66.1%	65.8%	66.8%	71.5%	71.4%	72.4%	72.7%	67.8%	66.4%	64.5%	74.6%	59.4%
	2026	64.3%	63.7%	66.2%	65.8%	66.9%	71.6%	71.4%	72.4%	72.7%	67.8%	66.3%	64.5%	74.6%	59.5%
	2027	64.3%	63.7%	66.2%	65.8%	66.9%	71.6%	71.4%	72.4%	72.7%	67.8%	66.3%	64.9%	74.6%	59.5%
	2028	64.7%	62.7%	66.1%	65.8%	66.9%	71.6%	71.4%	72.4%	72.7%	67.7%	66.3%	64.4%	74.6%	59.5%
	2029	64.2%	63.6%	66.1%	65.8%	66.8%	71.6%	71.4%	72.5%	72.7%	67.7%	66.3%	64.4%	74.5%	59.5%
	2030	64.2%	63.6%	66.0%	65.8%	66.8%	71.6%	71.4%	72.5%	72.7%	67.7%	66.2%	64.4%	74.5%	59.5%
Avg.	2011-2020	66.4%	67.7%	65.5%	68.5%	70.5%	73.2%	73.7%	74.4%	69.6%	70.1%	67.2%	67.7%	72.9%	61.0%
	2021-2030	64.4%	63.5%	66.0%	65.7%	66.8%	71.5%	71.4%	72.5%	72.7%	67.7%	66.3%	64.5%	74.5%	59.4%

FMPA 2021 Load Forecast - Low Economic Case

Keys Energy

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	82.2	68.3	107.3	121.7	118.4	132.0	132.1	134.8	122.6	118.3	104.2	90.4	76.9	134.8
	2012	80.6	76.0	104.5	113.9	128.6	128.3	136.7	133.8	120.6	120.3	90.4	65.1	80.6	136.7
	2013	63.7	73.2	70.6	119.2	125.6	128.1	112.3	129.6	126.1	120.4	114.5	107.2	70.6	129.6
	2014	75.0	61.9	95.0	123.5	114.2	127.8	132.9	132.7	119.7	125.3	59.4	64.4	75.0	132.7
	2015	65.6	89.9	112.1	122.1	130.4	130.0	139.0	123.9	140.4	126.1	123.7	119.5	89.9	130.0
	2016	74.6	72.5	118.7	123.6	111.8	131.4	140.6	141.2	127.9	129.6	105.0	107.9	123.7	140.6
	2017	67.4	112.6	112.6	124.7	135.8	134.1	139.8	140.7	140.2	121.3	100.5	62.9	112.6	140.7
	2018	75.6	106.0	108.1	112.7	107.7	125.6	135.2	135.2	133.4	122.4	114.3	61.2	75.6	135.2
	2019	73.2	119.2	117.7	114.1	114.5	142.3	142.8	138.5	134.2	125.9	120.2	103.0	114.3	142.3
	2020	78.9	114.8	110.2	109.2	116.5	136.4	139.5	131.1	135.9	123.1	102.1	84.9	110.2	136.4
Projected	2021	75.2	88.6	101.8	117.4	122.5	132.4	135.5	134.1	129.5	123.6	102.6	86.1	75.2	134.1
	2022	76.2	89.7	102.2	117.8	122.8	132.8	135.9	134.5	129.9	124.0	102.9	86.2	76.2	134.5
	2023	76.3	89.9	103.0	118.7	123.8	133.8	137.0	135.6	130.9	124.9	103.7	86.9	76.3	135.6
	2024	76.9	90.6	103.9	119.7	124.9	135.0	138.2	136.8	132.0	126.0	104.7	88.3	76.9	136.8
	2025	78.2	92.1	104.5	120.4	125.6	135.7	138.9	137.5	132.7	126.7	105.3	88.7	78.2	137.5
	2026	78.6	92.5	104.9	120.8	126.0	136.1	139.3	137.9	133.1	127.2	105.7	89.1	78.6	137.9
	2027	78.9	92.9	105.3	121.2	126.4	136.5	139.8	138.3	133.5	127.6	106.0	88.8	78.9	138.3
	2028	78.6	92.6	105.7	121.6	126.9	137.0	140.2	138.8	134.0	128.0	106.4	89.7	78.6	138.8
	2029	79.5	93.6	106.1	122.0	127.3	137.4	140.7	139.3	134.4	128.5	106.8	90.1	79.5	139.3
	2030	79.8	93.9	106.5	122.5	127.8	137.9	141.2	139.7	134.9	129.0	107.3	90.4	79.8	139.7
Projected	2031	80.1	94.3	107.0	123.0	128.3	138.4	141.7	140.3	135.4	129.5	107.7	90.2	80.1	140.3
	2032	79.9	94.1	107.5	123.6	128.9	139.1	142.4	140.9	136.0	130.1	108.3	91.3	79.9	140.9
	2033	80.8	95.2	108.1	124.2	129.6	139.8	143.1	141.6	136.7	130.8	108.8	91.8	80.8	141.6
	2034	81.3	95.7	108.7	124.9	130.3	140.5	143.9	142.4	137.4	131.5	109.5	92.3	81.3	142.4
	2035	81.7	96.3	109.3	125.6	131.0	141.3	144.6	143.2	138.2	132.2	110.1	92.2	81.7	143.2
	2036	81.6	96.1	109.9	126.3	131.8	142.0	145.4	144.0	138.9	133.0	110.7	93.3	81.6	144.0
	2037	82.6	97.3	110.5	127.0	132.5	142.8	146.2	144.7	139.6	133.7	111.3	93.8	82.6	144.7
	2038	83.0	97.8	111.1	127.6	133.1	143.5	146.9	145.4	140.3	134.3	111.9	94.2	83.0	145.4
	2039	83.5	98.3	111.7	128.2	133.8	144.1	147.6	146.1	141.0	135.0	112.5	94.0	83.5	146.1
	2040	83.3	98.1	112.2	128.8	134.4	144.8	148.2	146.7	141.6	135.6	113.0	95.5	83.3	146.7

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	87.2%	69.3%	92.0%	97.3%	92.5%	98.3%	94.5%	97.9%	93.8%	98.2%	97.6%	90.2%	65.9%	96.5%
	2012	83.2%	68.9%	93.4%	95.8%	99.7%	96.5%	99.7%	98.1%	94.0%	97.1%	95.3%	61.0%	72.0%	99.7%
	2013	61.6%	64.8%	60.9%	94.9%	99.6%	95.5%	82.5%	95.6%	97.3%	94.1%	99.9%	99.4%	60.9%	95.2%
	2014	69.7%	54.9%	82.5%	99.7%	92.5%	96.0%	92.1%	93.3%	87.9%	98.6%	53.5%	60.6%	65.2%	92.0%
	2015	60.0%	81.6%	90.4%	88.6%	100.0%	92.5%	94.7%	85.3%	98.6%	96.4%	96.6%	96.0%	72.5%	88.6%
	2016	60.8%	63.7%	92.4%	95.3%	81.7%	92.4%	95.5%	98.3%	92.9%	99.2%	98.0%	92.9%	96.3%	95.5%
	2017	58.9%	99.3%	96.6%	99.0%	97.7%	96.5%	94.5%	95.7%	98.9%	97.3%	78.6%	58.2%	96.6%	95.1%
	2018	79.2%	95.0%	93.4%	91.1%	91.2%	93.3%	93.2%	96.6%	99.4%	97.2%	93.4%	53.8%	59.1%	93.2%
	2019	65.3%	99.5%	99.2%	90.4%	85.9%	99.8%	97.4%	96.4%	100.0%	95.7%	99.3%	93.9%	93.4%	97.0%
	2020	68.9%	94.3%	91.9%	89.8%	93.7%	97.0%	98.0%	91.8%	97.7%	97.4%	91.2%	78.6%	90.5%	95.6%
Projected	2021	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.1%	97.4%	91.2%	78.6%	65.9%	93.6%
	2022	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.1%	97.4%	91.2%	78.6%	66.6%	93.6%
	2023	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.0%	97.4%	91.2%	78.6%	66.2%	93.6%
	2024	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.0%	97.4%	91.2%	78.6%	66.1%	93.6%
	2025	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.0%	97.4%	91.2%	78.6%	66.8%	93.6%
	2026	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.0%	97.4%	91.2%	78.6%	66.9%	93.6%
	2027	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.8%	96.0%	97.4%	91.2%	78.6%	66.9%	93.6%
	2028	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.8%	96.0%	97.4%	91.2%	78.6%	66.4%	93.6%
	2029	69.5%	79.1%	89.3%	94.2%	93.4%	95.7%	94.5%	94.8%	96.0%	97.4%	91.2%	78.6%	66.9%	93.6%
	2030	69.5%	79.1%	89.3%	94.2%	93.4%	95.7%	94.5%	94.8%	96.0%	97.4%	91.2%	78.6%	66.9%	93.6%
	2011-2020	69.5%	79.1%	89.3%	94.2%	93.5%	95.8%	94.2%	94.9%	96.1%	97.1%	90.4%	78.5%	77.2%	94.8%
	2021-2030	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.0%	97.4%	91.2%	78.6%	66.5%	93.6%

FMPA 2021 Load Forecast - Low Economic Case - Keys

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service						Navy		Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	327,810		24,480		13,391		307,356		4,043		76.0		60,740		3,897		699,803		47,552	6.4%	747,355	
	2012	328,870	0.3%	24,669	0.8%	13,331	-0.4%	313,658	2.1%	4,149	2.6%	75.6	-0.6%	59,646	-1.8%	3,461	-11.2%	705,634	0.8%	39,488	5.3%	745,122	-0.3%
	2013	326,921	-0.6%	24,821	0.6%	13,171	-1.2%	309,858	-1.2%	4,203	1.3%	73.7	-2.5%	55,799	-6.4%	2,934	-15.2%	695,513	-1.4%	42,490	5.8%	738,003	-1.0%
	2014	355,491	8.7%	25,122	1.2%	14,150	7.4%	316,879	2.3%	4,206	0.1%	75.3	2.2%	51,776	-7.2%	2,850	-2.9%	726,995	4.5%	43,425	5.6%	770,420	4.4%
	2015	358,733	0.9%	25,394	1.1%	14,127	-0.2%	316,208	-0.2%	4,250	1.0%	74.4	-1.2%	52,303	1.0%	2,832	-0.6%	730,075	0.4%	49,697	6.4%	779,772	1.2%
	2016	373,053	4.0%	25,553	0.6%	14,599	3.3%	323,965	2.5%	4,333	1.9%	74.8	0.5%	52,594	0.6%	2,925	3.3%	752,537	3.1%	47,604	5.9%	800,141	2.6%
	2017	361,482	-3.1%	25,643	0.4%	14,097	-3.4%	321,231	-0.8%	4,446	2.6%	72.3	-3.4%	51,352	-2.4%	2,545	-13.0%	736,610	-2.1%	27,720	3.6%	764,330	-4.5%
	2018	341,600	-5.5%	25,642	0.0%	13,322	-5.5%	294,322	-8.4%	4,507	1.4%	65.3	-9.6%	47,622	-7.3%	2,810	10.4%	686,353	-6.8%	60,278	8.1%	746,631	-2.3%
	2019	376,615	10.3%	25,895	1.0%	14,544	9.2%	319,964	8.7%	4,405	-2.3%	72.6	11.2%	45,492	-4.5%	2,260	-19.6%	744,331	8.4%	42,267	5.4%	786,598	5.4%
	2020	386,191	2.5%	26,251	1.4%	14,712	1.2%	294,631	-7.9%	4,489	1.9%	65.6	-9.6%	40,305	-11.4%	2,149	-4.9%	723,277	-2.8%	48,262	6.3%	771,538	-1.9%
Projected	2021	368,182	-4.7%	26,388	0.5%	13,953	-5.2%	289,278	-1.8%	4,519	0.7%	64.0	-2.5%	39,440	-2.1%	2,400	11.7%	699,300	-3.3%	40,976	5.5%	740,276	-4.1%
	2022	368,755	0.2%	26,431	0.2%	13,951	0.0%	293,543	1.5%	4,536	0.4%	64.7	1.1%	39,354	-0.2%	2,376	-1.0%	704,028	0.7%	43,022	5.8%	747,050	0.9%
	2023	367,490	-0.3%	26,504	0.3%	13,865	-0.6%	298,027	1.5%	4,553	0.4%	65.5	1.1%	39,702	0.9%	2,352	-1.0%	707,572	0.5%	43,270	5.8%	750,842	0.5%
	2024	365,712	-0.5%	26,576	0.3%	13,761	-0.8%	307,157	3.1%	4,571	0.4%	67.2	2.7%	40,595	2.2%	2,329	-1.0%	715,793	1.2%	44,377	5.8%	760,170	1.2%
	2025	364,352	-0.4%	26,646	0.3%	13,674	-0.6%	313,170	2.0%	4,588	0.4%	68.3	1.6%	41,225	1.6%	2,305	-1.0%	721,053	0.7%	44,050	5.8%	765,103	0.6%
	2026	363,594	-0.2%	26,713	0.3%	13,611	-0.5%	316,692	1.1%	4,606	0.4%	68.8	0.7%	41,593	0.9%	2,282	-1.0%	724,161	0.4%	44,228	5.8%	768,389	0.4%
	2027	363,542	0.0%	26,777	0.2%	13,577	-0.3%	319,208	0.8%	4,623	0.4%	69.0	0.4%	41,799	0.5%	2,260	-1.0%	726,808	0.4%	44,390	5.8%	771,198	0.4%
	2028	364,255	0.2%	26,839	0.2%	13,572	0.0%	321,069	0.6%	4,640	0.4%	69.2	0.2%	41,915	0.3%	2,237	-1.0%	729,475	0.4%	45,203	5.8%	774,678	0.5%
	2029	365,696	0.4%	26,899	0.2%	13,595	0.2%	322,447	0.4%	4,656	0.4%	69.3	0.1%	41,979	0.2%	2,215	-1.0%	732,337	0.4%	44,729	5.8%	777,066	0.3%
	2030	367,466	0.5%	26,956	0.2%	13,632	0.3%	323,556	0.3%	4,672	0.3%	69.3	0.0%	42,015	0.1%	2,192	-1.0%	735,229	0.4%	44,905	5.8%	780,134	0.4%
	2031	369,474	0.5%	27,011	0.2%	13,679	0.3%	324,549	0.3%	4,688	0.3%	69.2	0.0%	42,035	0.0%	2,171	-1.0%	738,229	0.4%	45,089	5.8%	783,318	0.4%
	2032	371,795	0.6%	27,065	0.2%	13,737	0.4%	325,684	0.3%	4,703	0.3%	69.2	0.0%	42,046	0.0%	2,149	-1.0%	741,674	0.5%	45,965	5.8%	787,639	0.6%
	2033	374,467	0.7%	27,116	0.2%	13,810	0.5%	326,884	0.4%	4,718	0.3%	69.3	0.1%	42,052	0.0%	2,127	-1.0%	745,530	0.5%	45,541	5.8%	791,071	0.4%
	2034	377,451	0.8%	27,166	0.2%	13,894	0.6%	328,065	0.4%	4,732	0.3%	69.3	0.1%	42,056	0.0%	2,106	-1.0%	749,677	0.6%	45,796	5.8%	795,473	0.6%
	2035	380,519	0.8%	27,214	0.2%	13,982	0.6%	329,242	0.4%	4,746	0.3%	69.4	0.1%	42,058	0.0%	2,085	-1.0%	753,903	0.6%	46,054	5.8%	799,957	0.6%
	2036	383,603	0.8%	27,261	0.2%	14,072	0.6%	330,400	0.4%	4,760	0.3%	69.4	0.1%	42,059	0.0%	2,064	-1.0%	758,126	0.6%	46,988	5.8%	805,113	0.6%
	2037	386,680	0.8%	27,306	0.2%	14,161	0.6%	331,462	0.3%	4,773	0.3%	69.4	0.0%	42,060	0.0%	2,043	-1.0%	762,246	0.5%	46,562	5.8%	808,808	0.5%
	2038	389,640	0.8%	27,349	0.2%	14,247	0.6%	332,461	0.3%	4,786	0.3%	69.5	0.0%	42,060	0.0%	2,023	-1.0%	766,185	0.5%	46,802	5.8%	812,987	0.5%
	2039	392,504	0.7%	27,392	0.2%	14,329	0.6%	333,459	0.3%	4,798	0.3%	69.5	0.0%	42,060	0.0%	2,003	-1.0%	770,025	0.5%	47,036	5.8%	817,061	0.5%
	2040	395,325	0.7%	27,433	0.1%	14,411	0.6%	334,453	0.3%	4,810	0.2%	69.5	0.1%	42,060	0.0%	1,983	-1.0%	773,821	0.5%	47,957	5.8%	821,779	0.6%
CAGR	2011-2020		1.8%		0.8%		1.1%		-0.5%		1.2%		-1.6%		-4.5%		-6.4%		0.4%		5.9%		0.4%
	2021-2030		0.0%		0.2%		-0.3%		1.3%		0.4%		0.9%		0.7%		-1.0%		0.6%		5.8%		0.6%
	2031-2040		0.8%		0.2%		0.6%		0.3%		0.3%		0.0%		0.0%		-1.0%		0.5%		5.8%		0.5%

CAGR - Compound Average Growth Rate; data under Distribution Losses reflect averages.

FMPA 2021 Load Forecast - High Economic Case

Keys Energy

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	747,355	-	745,892	-	-0.2%	76.9	-	85.7	-	11.3%	134.8	-	122.8		-8.9%
	2012	745,122	-0.3%	753,202	1.0%	1.1%	80.6	4.7%	76.9	-10.2%	-4.5%	136.7	1.4%	141.2	15.0%	3.3%
	2013	738,003	-1.0%	753,276	0.0%	2.1%	70.6	-12.3%	75.6	-1.7%	7.1%	129.6	-5.2%	130.1	-7.9%	0.4%
	2014	770,420	4.4%	753,723	0.1%	-2.2%	75.0	6.2%	77.2	2.1%	2.9%	132.7	2.4%	134.9	3.7%	1.7%
	2015	779,772	1.2%	767,942	1.9%	-1.5%	89.9	19.9%	77.9	0.9%	-13.4%	130.0	-2.1%	126.0	-6.6%	-3.1%
	2016	800,141	2.6%	786,510	2.4%	-1.7%	123.7	37.5%	81.7	4.9%	-33.9%	140.6	8.1%	140.0	11.1%	-0.4%
	2017	764,330	-4.5%	740,607	-5.8%	-3.1%	112.6	-8.9%	76.7	-6.0%	-31.9%	140.7	0.1%	136.0	-2.8%	-3.3%
	2018	746,631	-2.3%	741,530	0.1%	-0.7%	75.6	-32.8%	76.2	-0.8%	0.7%	135.2	-3.9%	141.0	3.6%	4.2%
	2019	786,598	5.4%	748,855	1.0%	-4.8%	114.3	51.1%	81.0	6.3%	-29.2%	142.3	5.2%	144.2	2.3%	1.4%
	2020	771,538	-1.9%	747,083	-0.2%	-3.2%	110.2	-3.6%	81.7	0.9%	-25.9%	136.4	-4.1%	133.0	-7.8%	-2.5%
Projected	2021	740,923	-4.0%	740,923	-0.8%		75.2	-31.7%	75.2	-7.9%		134.5	-1.4%	134.5	1.1%	
	2022			752,370	1.5%				76.6	1.8%				136.0	1.1%	
	2023			763,859	1.5%				77.4	1.1%				138.6	1.9%	
	2024			782,399	2.4%				78.9	2.0%				141.5	2.1%	
	2025			795,308	1.6%				81.1	2.7%				143.6	1.5%	
	2026			804,450	1.1%				82.1	1.3%				145.0	1.0%	
	2027			811,937	0.9%				82.9	1.0%				146.3	0.9%	
	2028			819,535	0.9%				83.1	0.2%				147.5	0.8%	
	2029			825,560	0.7%				84.3	1.5%				148.7	0.8%	
	2030			831,988	0.8%				85.0	0.8%				149.9	0.8%	
	2031			838,285	0.8%				85.6	0.7%				151.0	0.8%	
	2032			845,599	0.9%				85.7	0.1%				152.3	0.8%	
	2033			851,792	0.7%				87.0	1.5%				153.5	0.8%	
	2034			858,889	0.8%				87.7	0.8%				154.8	0.8%	
	2035			865,953	0.8%				88.4	0.8%				156.1	0.8%	
	2036			873,641	0.9%				88.5	0.1%				157.4	0.8%	
	2037			879,651	0.7%				89.8	1.5%				158.6	0.8%	
	2038			886,102	0.7%				90.4	0.7%				159.8	0.7%	
	2039			892,363	0.7%				91.1	0.7%				160.9	0.7%	
	2040			899,259	0.8%				91.0	0.0%				162.0	0.7%	
CAGR [3]	2011-2020		0.4%		0.0%			4.1%		-0.5%			0.1%		0.9%	
	2021-2030				1.3%					1.4%					1.2%	
	2031-2040				0.8%					0.7%					0.8%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Keys Energy

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	747,355	-	747,355	-	116.7	139.7	116.7	139.7	76.9	134.8	76.9	134.8
	2012	745,122	-0.3%	745,122	-0.3%	111.9	137.0	111.9	137.0	80.6	136.7	80.6	136.7
	2013	738,003	-1.0%	738,003	-1.0%	115.9	136.1	115.9	136.1	70.6	129.6	70.6	129.6
	2014	770,420	4.4%	770,420	4.4%	115.1	144.2	115.1	144.2	75.0	132.7	75.0	132.7
	2015	779,772	1.2%	779,772	1.2%	124.0	146.7	124.0	146.7	89.9	130.0	89.9	130.0
	2016	800,141	2.6%	800,141	2.6%	128.5	147.2	128.5	147.2	123.7	140.6	123.7	140.6
	2017	764,330	-4.5%	764,330	-4.5%	116.6	148.0	116.6	148.0	112.6	140.7	112.6	140.7
	2018	746,631	-2.3%	746,631	-2.3%	127.9	145.0	127.9	145.0	75.6	135.2	75.6	135.2
	2019	786,598	5.4%	786,598	5.4%	122.4	146.7	122.4	146.7	114.3	142.3	114.3	142.3
	2020	771,538	-1.9%	771,149	-2.0%	121.8	142.8	124.7	149.4	110.2	136.4	78.8	140.5
Projected	2021	740,923	-4.0%	775,238	0.5%	114.3	143.7	125.4	150.3	75.2	134.5	80.2	141.3
	2022	752,370	1.5%	782,074	0.9%	115.6	145.3	126.6	151.6	76.6	136.0	80.9	142.6
	2023	763,859	1.5%	788,682	0.8%	117.8	148.1	127.6	152.8	77.4	138.6	81.6	143.7
	2024	782,399	2.4%	795,162	0.8%	120.3	151.2	128.4	153.9	78.9	141.5	81.7	144.7
	2025	795,308	1.6%	799,096	0.5%	122.0	153.4	129.1	154.7	81.1	143.6	82.8	145.5
	2026	804,450	1.1%	803,255	0.5%	123.3	154.9	129.8	155.5	82.1	145.0	83.2	146.3
	2027	811,937	0.9%	807,302	0.5%	124.4	156.3	130.5	156.3	82.9	146.3	83.6	147.0
	2028	819,535	0.9%	811,948	0.6%	125.4	157.6	131.1	157.1	83.1	147.5	83.5	147.7
	2029	825,560	0.7%	815,109	0.4%	126.4	158.9	131.7	157.8	84.3	148.7	84.4	148.4
	2030	831,988	0.8%	818,831	0.5%	127.4	160.1	132.3	158.5	85.0	149.9	84.8	149.1
	2031	838,285	0.8%	823,067	0.5%	128.4	161.4	133.0	159.4	85.6	151.0	85.2	149.9
	2032	845,599	0.9%	828,382	0.6%	129.4	162.7	133.8	160.3	85.7	152.3	85.1	150.8
	2033	851,792	0.7%	832,498	0.5%	130.5	164.0	134.6	161.3	87.0	153.5	86.2	151.7
	2034	858,889	0.8%	837,257	0.6%	131.6	165.4	135.4	162.2	87.7	154.8	86.7	152.5
	2035	865,953	0.8%	841,852	0.5%	132.7	166.8	136.1	163.1	88.4	156.1	87.2	153.4
	2036	873,641	0.9%	847,007	0.6%	133.8	168.1	136.8	164.0	88.5	157.4	87.0	154.2
	2037	879,651	0.7%	850,703	0.4%	134.8	169.4	137.6	164.8	89.8	158.6	88.1	155.0
	2038	886,102	0.7%	854,938	0.5%	135.8	170.7	138.2	165.6	90.4	159.8	88.5	155.8
	2039	892,363	0.7%	859,041	0.5%	136.8	171.9	138.9	166.4	91.1	160.9	88.9	156.5
	2040	899,259	0.8%			137.7	173.1			91.0	162.0		
CAGR[1]	Historical		0.4%		0.6%	0.5%	0.2%	0.6%	0.6%	4.0%	0.0%	5.1%	0.6%
	1st 10 Prj Yrs		1.3%		0.6%	1.2%	1.2%	0.6%	0.6%	1.4%	1.2%	0.8%	0.6%
	2nd 10 Prj Yrs		0.8%		0.5%	0.8%	0.8%	0.5%	0.5%	0.7%	0.8%	0.5%	0.5%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Keys Energy

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	747,355	-	745,892	-	-0.2%	76.9	-	85.7	-	11.3%	134.8	-	122.8		-8.9%
	2012	745,122	-0.3%	753,202	1.0%	1.1%	80.6	4.7%	76.9	-10.2%	-4.5%	136.7	1.4%	141.2	15.0%	3.3%
	2013	738,003	-1.0%	753,276	0.0%	2.1%	70.6	-12.3%	75.6	-1.7%	7.1%	129.6	-5.2%	130.1	-7.9%	0.4%
	2014	770,420	4.4%	753,723	0.1%	-2.2%	75.0	6.2%	77.2	2.1%	2.9%	132.7	2.4%	134.9	3.7%	1.7%
	2015	779,772	1.2%	767,942	1.9%	-1.5%	89.9	19.9%	77.9	0.9%	-13.4%	130.0	-2.1%	126.0	-6.6%	-3.1%
	2016	800,141	2.6%	786,510	2.4%	-1.7%	123.7	37.5%	81.7	4.9%	-33.9%	140.6	8.1%	140.0	11.1%	-0.4%
	2017	764,330	-4.5%	740,607	-5.8%	-3.1%	112.6	-8.9%	76.7	-6.0%	-31.9%	140.7	0.1%	136.0	-2.8%	-3.3%
	2018	746,631	-2.3%	741,530	0.1%	-0.7%	75.6	-32.8%	76.2	-0.8%	0.7%	135.2	-3.9%	141.0	3.6%	4.2%
	2019	786,598	5.4%	748,855	1.0%	-4.8%	114.3	51.1%	81.0	6.3%	-29.2%	142.3	5.2%	144.2	2.3%	1.4%
	2020	771,538	-1.9%	731,552	-2.3%	-5.2%	110.2	-3.6%	81.7	0.9%	-25.9%	136.4	-4.1%	133.0	-7.8%	-2.5%
Projected	2021	740,573	-4.0%	740,573	1.2%		75.2	-31.7%	75.2	-7.9%		134.4	-1.5%	134.4	1.0%	
	2022			751,865	1.5%				76.6	1.8%				135.9	1.1%	
	2023			763,197	1.5%				77.4	1.1%				138.4	1.9%	
	2024			781,561	2.4%				78.9	2.0%				141.3	2.1%	
	2025			794,278	1.6%				81.1	2.7%				143.3	1.5%	
	2026			803,153	1.1%				82.1	1.3%				144.7	1.0%	
	2027			810,349	0.9%				82.9	1.0%				145.9	0.8%	
	2028			817,636	0.9%				83.1	0.2%				147.1	0.8%	
	2029			823,340	0.7%				84.3	1.5%				148.2	0.8%	
	2030			829,429	0.7%				85.0	0.8%				149.3	0.7%	
	2031			835,504	0.7%				85.6	0.7%				150.4	0.7%	
	2032			842,584	0.8%				85.7	0.1%				151.5	0.8%	
	2033			848,560	0.7%				87.0	1.5%				152.8	0.8%	
	2034			855,416	0.8%				87.7	0.8%				154.0	0.8%	
	2035			862,314	0.8%				88.4	0.8%				155.2	0.8%	
	2036			869,787	0.9%				88.5	0.1%				156.5	0.8%	
	2037			875,588	0.7%				89.8	1.5%				157.6	0.7%	
	2038			881,796	0.7%				90.4	0.7%				158.7	0.7%	
	2039			887,746	0.7%				91.1	0.7%				159.8	0.7%	
	2040			894,323	0.7%				91.0	0.0%				160.9	0.7%	
CAGR [3]	2011-2020		0.4%		-0.2%			4.1%		-0.5%			0.1%		0.9%	
	2021-2030				1.3%					1.4%					1.2%	
	2031-2040				0.8%					0.7%					0.8%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Keys Energy

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	747,355	-	745,892	-	-0.2%	116.7	-	73.1%	139.7	-	61.1%
	2012	745,122	-0.3%	753,202	1.0%	1.1%	111.9	-4.1%	76.0%	137.0	-1.9%	62.1%
	2013	738,003	-1.0%	753,276	0.0%	2.1%	115.9	3.6%	72.7%	136.1	-0.7%	61.9%
	2014	770,420	4.4%	753,723	0.1%	-2.2%	115.1	-0.7%	76.4%	144.2	6.0%	61.0%
	2015	779,772	1.2%	767,942	1.9%	-1.5%	124.0	7.7%	71.8%	146.7	1.8%	60.7%
	2016	800,141	2.6%	786,510	2.4%	-1.7%	128.5	3.6%	71.1%	147.2	0.3%	62.1%
	2017	764,330	-4.5%	740,607	-5.8%	-3.1%	116.6	-9.2%	74.8%	148.0	0.6%	59.0%
	2018	746,631	-2.3%	741,530	0.1%	-0.7%	127.9	9.7%	66.6%	145.0	-2.0%	58.8%
	2019	786,598	5.4%	748,855	1.0%	-4.8%	122.4	-4.3%	73.4%	146.7	1.2%	61.2%
	2020	771,538	-1.9%	747,083	-0.2%	-3.2%	121.8	-0.5%	72.3%	142.8	-2.7%	61.7%
Projected	2021	740,573	-4.0%	740,573	-0.9%		114.3	-6.1%	74.0%	143.6	0.6%	58.9%
	2022	751,865	1.5%	751,865	1.5%		115.6	1.1%	74.3%	145.2	1.1%	59.1%
	2023	763,197	1.5%	763,197	1.5%		117.8	1.9%	74.0%	147.9	1.9%	58.9%
	2024	781,561	2.4%	781,561	2.4%		120.3	2.1%	74.2%	151.0	2.1%	59.1%
	2025	794,278	1.6%	794,278	1.6%		122.0	1.5%	74.3%	153.2	1.5%	59.2%
	2026	803,153	1.1%	803,153	1.1%		123.3	1.0%	74.4%	154.6	1.0%	59.3%
	2027	810,349	0.9%	810,349	0.9%		124.4	0.9%	74.4%	155.9	0.8%	59.3%
	2028	817,636	0.9%	817,636	0.9%		125.4	0.8%	74.4%	157.2	0.8%	59.4%
	2029	823,340	0.7%	823,340	0.7%		126.4	0.8%	74.3%	158.4	0.8%	59.3%
	2030	829,429	0.7%	829,429	0.7%		127.4	0.8%	74.3%	159.5	0.7%	59.4%
	2031	835,504	0.7%	835,504	0.7%		128.4	0.8%	74.3%	160.7	0.7%	59.4%
	2032	842,584	0.8%	842,584	0.8%		129.4	0.8%	74.3%	162.0	0.8%	59.4%
	2033	848,560	0.7%	848,560	0.7%		130.5	0.8%	74.2%	163.3	0.8%	59.3%
	2034	855,416	0.8%	855,416	0.8%		131.6	0.8%	74.2%	164.6	0.8%	59.3%
	2035	862,314	0.8%	862,314	0.8%		132.7	0.8%	74.2%	165.9	0.8%	59.3%
	2036	869,787	0.9%	869,787	0.9%		133.8	0.8%	74.2%	167.2	0.8%	59.4%
	2037	875,588	0.7%	875,588	0.7%		134.8	0.8%	74.1%	168.5	0.7%	59.3%
	2038	881,796	0.7%	881,796	0.7%		135.8	0.7%	74.1%	169.7	0.7%	59.3%
	2039	887,746	0.7%	887,746	0.7%		136.8	0.7%	74.1%	170.8	0.7%	59.3%
	2040	894,323	0.7%	894,323	0.7%		137.7	0.7%	74.1%	171.9	0.7%	59.4%
CAGR [1]	2011-2020		0.4%		0.0%			0.5%	72.8%		0.2%	60.9%
	2021-2030		1.3%		1.3%			1.2%	74.3%		1.2%	59.2%
	2031-2040		0.8%		0.8%			0.8%	74.2%		0.8%	59.3%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Keys Energy

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	49,625	48,449	56,147	65,165	69,232	71,432	78,079	77,082	70,539	60,811	54,188	52,785	753,536	747,355
	2012	51,397	53,175	59,574	57,998	67,590	69,438	74,466	76,175	67,524	65,601	48,607	53,915	745,460	745,122
	2013	55,836	50,949	51,639	62,662	64,933	70,122	72,098	74,100	67,540	67,252	57,589	57,667	752,389	738,003
	2014	53,092	53,415	56,611	60,541	67,688	69,346	79,381	79,668	68,170	65,644	50,922	52,962	757,440	770,420
	2015	53,715	47,581	63,128	67,941	69,700	73,252	81,282	80,654	72,991	68,760	64,072	63,175	806,252	779,772
	2016	52,882	49,348	62,070	61,116	70,437	75,779	82,211	79,138	71,154	66,855	54,673	60,964	786,625	800,141
	2017	55,757	52,183	57,213	60,944	71,292	74,888	81,754	80,336	47,471	64,871	54,508	52,247	753,464	764,330
	2018	48,532	53,364	53,366	60,374	61,922	70,634	79,380	77,032	70,400	68,516	58,974	54,326	756,820	746,631
	2019	51,368	54,207	58,778	62,591	72,145	77,287	80,821	78,346	69,239	71,166	56,483	54,901	787,332	786,598
	2020	53,841	53,598	58,247	61,066	60,655	72,736	76,588	80,314	71,943	62,284	52,403	51,750	755,426	771,538
Projected	2021	51,864	47,999	55,677	58,821	65,250	71,341	76,237	76,327	70,619	64,046	53,757	52,665	744,603	740,573
	2022	52,796	48,863	56,600	59,519	65,815	72,031	77,093	77,236	71,444	64,777	54,344	53,235	753,753	751,865
	2023	53,372	49,412	57,312	60,399	66,922	73,206	78,503	78,805	72,911	66,281	55,763	54,675	767,561	763,197
	2024	54,768	51,376	58,780	61,837	68,394	74,831	80,110	80,334	74,413	67,585	56,827	55,799	785,051	781,561
	2025	55,849	51,694	59,855	62,922	69,538	76,004	81,296	81,473	75,436	68,490	57,574	56,537	796,669	794,278
	2026	56,539	52,316	60,541	63,618	70,280	76,774	82,090	82,249	76,145	69,132	58,113	57,085	804,883	803,153
	2027	57,071	52,805	61,090	64,190	70,905	77,439	82,790	82,944	76,785	69,714	58,599	57,576	811,907	810,349
	2028	57,551	53,932	61,587	64,710	71,476	78,055	83,446	83,599	77,391	70,264	59,058	58,039	819,108	817,636
	2029	58,014	53,672	62,066	65,212	72,033	78,659	84,094	84,246	77,983	70,797	59,496	58,476	824,748	823,340
	2030	58,454	54,075	62,520	65,687	72,559	79,234	84,714	84,865	78,552	71,321	59,930	58,904	830,814	829,429
Projected	2031	58,886	54,471	62,969	66,159	73,085	79,812	85,340	85,494	79,134	71,849	60,369	59,340	836,907	835,504
	2032	59,332	55,587	63,442	66,659	73,644	80,429	86,009	86,168	79,757	72,414	60,837	59,801	844,078	842,584
	2033	59,801	55,314	63,936	67,180	74,225	81,071	86,707	86,869	80,404	72,996	61,318	60,275	850,097	848,560
	2034	60,285	55,759	64,445	67,715	74,822	81,730	87,421	87,586	81,063	73,596	61,811	60,756	856,990	855,416
	2035	60,775	56,206	64,957	68,252	75,419	82,388	88,135	88,301	81,719	74,179	62,290	61,223	863,843	862,314
	2036	61,253	57,370	65,458	68,777	76,004	83,035	88,834	89,001	82,362	74,755	62,763	61,683	871,295	869,787
	2037	61,721	57,069	65,942	69,284	76,567	83,655	89,505	89,670	82,974	75,299	63,207	62,116	877,010	875,588
	2038	62,164	57,473	66,402	69,766	77,103	84,247	90,146	90,312	83,561	75,819	63,631	62,533	883,156	881,796
	2039	62,590	57,862	66,840	70,227	77,617	84,813	90,761	90,927	84,125	76,325	64,044	62,940	889,073	887,746
	2040	63,007	58,990	67,270	70,679	78,122	85,370	91,365	91,533	84,679	76,822	64,450	63,340	895,626	894,323

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	6.6%	6.4%	7.5%	8.6%	9.2%	9.5%	10.4%	10.2%	9.4%	8.1%	7.2%	7.0%	100.0%
	2012	6.9%	7.1%	8.0%	7.8%	9.1%	9.3%	10.0%	10.2%	9.1%	8.8%	6.5%	7.2%	100.0%
	2013	7.4%	6.8%	6.9%	8.3%	8.6%	9.3%	9.6%	9.8%	9.0%	8.9%	7.7%	7.7%	100.0%
	2014	7.0%	7.1%	7.5%	8.0%	8.9%	9.2%	10.5%	10.5%	9.0%	8.7%	6.7%	7.0%	100.0%
	2015	6.7%	5.9%	7.8%	8.4%	8.6%	9.1%	10.1%	10.0%	9.1%	8.5%	7.9%	7.8%	100.0%
	2016	6.7%	6.3%	7.9%	7.8%	9.0%	9.6%	10.5%	10.1%	9.0%	8.5%	7.0%	7.8%	100.0%
	2017	7.4%	6.9%	7.6%	8.1%	9.5%	9.9%	10.9%	10.7%	6.3%	8.6%	7.2%	6.9%	100.0%
	2018	6.4%	7.1%	7.1%	8.0%	8.2%	9.3%	10.5%	10.2%	9.3%	9.1%	7.8%	7.2%	100.0%
	2019	6.5%	6.9%	7.5%	7.9%	9.2%	9.8%	10.3%	10.0%	8.8%	9.0%	7.2%	7.0%	100.0%
	2020	7.1%	7.1%	7.7%	8.1%	8.0%	9.6%	10.1%	10.6%	9.5%	8.2%	6.9%	6.9%	100.0%
Projected	2021	7.0%	6.4%	7.5%	7.9%	8.8%	9.6%	10.2%	10.3%	9.5%	8.6%	7.2%	7.1%	100.0%
	2022	7.0%	6.5%	7.5%	7.9%	8.7%	9.6%	10.2%	10.2%	9.5%	8.6%	7.2%	7.1%	100.0%
	2023	7.0%	6.4%	7.5%	7.9%	8.7%	9.5%	10.2%	10.3%	9.5%	8.6%	7.3%	7.1%	100.0%
	2024	7.0%	6.5%	7.5%	7.9%	8.7%	9.5%	10.2%	10.2%	9.5%	8.6%	7.2%	7.1%	100.0%
	2025	7.0%	6.5%	7.5%	7.9%	8.7%	9.5%	10.2%	10.2%	9.5%	8.6%	7.2%	7.1%	100.0%
	2026	7.0%	6.5%	7.5%	7.9%	8.7%	9.5%	10.2%	10.2%	9.5%	8.6%	7.2%	7.1%	100.0%
	2027	7.0%	6.5%	7.5%	7.9%	8.7%	9.5%	10.2%	10.2%	9.5%	8.6%	7.2%	7.1%	100.0%
	2028	7.0%	6.6%	7.5%	7.9%	8.7%	9.5%	10.2%	10.2%	9.4%	8.6%	7.2%	7.1%	100.0%
	2029	7.0%	6.5%	7.5%	7.9%	8.7%	9.5%	10.2%	10.2%	9.5%	8.6%	7.2%	7.1%	100.0%
	2030	7.0%	6.5%	7.5%	7.9%	8.7%	9.5%	10.2%	10.2%	9.5%	8.6%	7.2%	7.1%	100.0%
Avg.	2011-2020	6.9%	6.8%	7.5%	8.1%	8.8%	9.5%	10.3%	10.2%	8.8%	8.6%	7.2%	7.2%	100.0%
	2021-2030	7.0%	6.5%	7.5%	7.9%	8.7%	9.5%	10.2%	10.2%	9.5%	8.6%	7.2%	7.1%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - High Economic Case

Keys Energy

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	94.3	98.6	116.7	125.1	128.0	134.3	139.7	137.6	130.7	120.4	106.7	100.3	116.7	139.7
	2012	96.8	110.2	111.9	118.9	129.0	133.0	137.0	136.5	128.4	123.9	94.8	106.8	111.9	137.0
	2013	103.4	113.0	115.9	125.6	126.2	134.1	136.1	135.5	129.6	128.0	114.6	107.8	115.9	136.1
	2014	107.6	112.8	115.1	123.9	123.4	133.2	144.2	142.2	136.1	127.0	111.0	106.4	115.1	144.2
	2015	109.4	110.3	124.0	137.7	130.5	140.6	146.7	145.2	142.4	130.8	128.0	124.5	124.0	146.7
	2016	122.7	113.8	128.5	129.7	136.8	142.3	147.2	143.7	137.7	130.6	107.2	116.2	128.5	147.2
	2017	114.5	113.4	116.6	126.0	139.1	138.9	148.0	147.0	141.7	124.7	127.9	108.1	116.6	148.0
	2018	95.5	111.5	115.8	123.7	118.0	134.7	145.0	140.1	134.2	125.9	122.4	113.8	127.9	145.0
	2019	112.1	119.8	118.6	126.3	133.2	142.6	146.7	143.7	134.2	131.5	121.0	109.7	122.4	146.7
	2020	114.5	121.8	119.9	121.6	124.3	140.7	142.4	142.8	139.1	126.4	111.9	108.1	121.8	142.8
Projected	2021	108.3	111.9	114.3	124.9	131.3	138.5	143.6	141.7	135.0	127.1	112.6	110.0	114.3	143.6
	2022	110.2	114.0	115.6	126.3	132.8	140.0	145.2	143.2	136.5	128.6	113.9	111.2	115.6	145.2
	2023	111.4	115.2	117.8	128.7	135.3	142.6	147.9	145.9	139.1	131.0	116.1	113.4	117.8	147.9
	2024	113.6	117.5	120.3	131.3	138.1	145.6	151.0	148.9	142.0	133.7	118.5	116.5	120.3	151.0
	2025	116.7	120.7	122.0	133.3	140.1	147.7	153.2	151.1	144.1	135.7	120.3	118.0	122.0	153.2
	2026	118.2	122.2	123.3	134.6	141.5	149.1	154.6	152.6	145.4	137.0	121.5	119.1	123.3	154.6
	2027	119.3	123.4	124.4	135.7	142.7	150.4	155.9	153.9	146.7	138.2	122.6	119.3	124.4	155.9
	2028	119.5	123.6	125.4	136.8	143.9	151.6	157.2	155.1	147.8	139.3	123.6	121.1	125.4	157.2
	2029	121.4	125.5	126.4	137.9	145.0	152.7	158.4	156.3	148.9	140.4	124.6	122.1	126.4	158.4
	2030	122.3	126.5	127.4	138.9	146.1	153.8	159.5	157.4	150.0	141.5	125.6	123.0	127.4	159.5
Projected	2031	123.2	127.4	128.4	140.0	147.2	155.0	160.7	158.5	151.1	142.5	126.5	123.1	128.4	160.7
	2032	123.3	127.5	129.4	141.1	148.3	156.2	162.0	159.8	152.3	143.6	127.5	124.9	129.4	162.0
	2033	125.2	129.4	130.5	142.2	149.6	157.4	163.3	161.1	153.5	144.8	128.6	125.9	130.5	163.3
	2034	126.2	130.5	131.6	143.4	150.8	158.7	164.6	162.4	154.8	146.0	129.7	127.0	131.6	164.6
	2035	127.2	131.5	132.7	144.6	152.0	160.0	165.9	163.7	156.0	147.2	130.8	127.1	132.7	165.9
	2036	127.3	131.7	133.8	145.7	153.3	161.3	167.2	165.0	157.3	148.4	131.8	129.0	133.8	167.2
	2037	129.2	133.6	134.8	146.8	154.4	162.5	168.5	166.2	158.4	149.5	132.9	129.9	134.8	168.5
	2038	130.1	134.6	135.8	147.9	155.5	163.6	169.7	167.4	159.5	150.6	133.8	130.8	135.8	169.7
	2039	131.1	135.5	136.8	148.9	156.6	164.7	170.8	168.5	160.6	151.6	134.8	130.8	136.8	170.8
	2040	131.0	135.5	137.7	149.9	157.7	165.8	171.9	169.6	161.7	152.7	135.7	133.1	137.7	171.9

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	70.8%	73.1%	64.7%	72.3%	72.7%	73.9%	75.1%	75.3%	75.0%	67.9%	70.6%	70.8%	73.7%	61.1%
	2012	71.4%	69.3%	71.6%	67.7%	70.4%	72.5%	73.0%	75.0%	73.1%	71.2%	71.2%	67.9%	76.1%	62.1%
	2013	72.5%	67.1%	59.9%	69.3%	69.2%	72.6%	71.2%	73.5%	72.4%	70.6%	69.8%	71.9%	74.1%	61.9%
	2014	66.3%	70.4%	66.1%	67.9%	73.7%	72.3%	74.0%	75.3%	69.6%	69.5%	63.7%	66.9%	75.1%	61.0%
	2015	66.0%	64.2%	68.4%	68.5%	71.8%	72.4%	74.4%	74.6%	71.2%	70.7%	69.5%	68.2%	74.2%	60.7%
	2016	57.9%	62.3%	64.9%	65.5%	69.2%	74.0%	75.1%	74.0%	71.8%	68.8%	70.8%	70.5%	69.9%	62.1%
	2017	65.5%	68.5%	65.9%	67.2%	68.9%	74.9%	74.3%	73.5%	46.5%	69.9%	59.2%	65.0%	73.8%	59.0%
	2018	68.3%	71.2%	62.0%	67.8%	70.5%	72.8%	73.6%	73.9%	72.9%	73.1%	66.9%	64.2%	67.6%	58.8%
	2019	61.6%	67.4%	66.6%	68.8%	72.8%	75.3%	74.0%	73.3%	71.6%	72.7%	64.8%	67.3%	73.5%	61.2%
	2020	63.2%	63.2%	65.3%	69.7%	65.6%	71.8%	72.3%	75.6%	71.8%	66.2%	65.0%	64.4%	70.8%	61.7%
Projected	2021	64.4%	63.8%	65.5%	65.4%	66.8%	71.6%	71.4%	72.4%	72.6%	67.7%	66.3%	64.3%	74.4%	58.9%
	2022	64.4%	63.8%	65.8%	65.5%	66.6%	71.5%	71.4%	72.5%	72.7%	67.7%	66.3%	64.3%	74.4%	59.1%
	2023	64.4%	63.8%	65.4%	65.2%	66.5%	71.3%	71.3%	72.6%	72.8%	68.0%	66.7%	64.8%	74.4%	58.9%
	2024	64.8%	62.8%	65.7%	65.4%	66.6%	71.4%	71.3%	72.5%	72.8%	67.9%	66.6%	64.4%	74.5%	59.1%
	2025	64.3%	63.8%	65.9%	65.6%	66.7%	71.5%	71.3%	72.5%	72.7%	67.9%	66.5%	64.4%	74.5%	59.2%
	2026	64.3%	63.7%	66.0%	65.7%	66.8%	71.5%	71.4%	72.5%	72.7%	67.8%	66.4%	64.4%	74.5%	59.3%
	2027	64.3%	63.7%	66.0%	65.7%	66.8%	71.5%	71.4%	72.5%	72.7%	67.8%	66.4%	64.9%	74.5%	59.3%
	2028	64.7%	62.7%	66.0%	65.7%	66.8%	71.5%	71.4%	72.5%	72.7%	67.8%	66.4%	64.4%	74.6%	59.4%
	2029	64.2%	63.6%	66.0%	65.7%	66.8%	71.5%	71.4%	72.5%	72.7%	67.8%	66.3%	64.4%	74.5%	59.3%
	2030	64.2%	63.6%	66.0%	65.7%	66.8%	71.5%	71.4%	72.5%	72.7%	67.8%	66.3%	64.4%	74.4%	59.4%
Avg.	2011-2020	66.4%	67.7%	65.5%	68.5%	70.5%	73.2%	73.7%	74.4%	69.6%	70.1%	67.2%	67.7%	72.9%	60.9%
	2021-2030	64.4%	63.5%	65.8%	65.5%	66.7%	71.5%	71.4%	72.5%	72.7%	67.8%	66.4%	64.5%	74.5%	59.2%

FMPA 2021 Load Forecast - High Economic Case

Keys Energy

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	82.2	68.3	107.3	121.7	118.4	132.0	132.1	134.8	122.6	118.3	104.2	90.4	76.9	134.8
	2012	80.6	76.0	104.5	113.9	128.6	128.3	136.7	133.8	120.6	120.3	90.4	65.1	80.6	136.7
	2013	63.7	73.2	70.6	119.2	125.6	128.1	112.3	129.6	126.1	120.4	114.5	107.2	70.6	129.6
	2014	75.0	61.9	95.0	123.5	114.2	127.8	132.9	132.7	119.7	125.3	59.4	64.4	75.0	132.7
	2015	65.6	89.9	112.1	122.1	130.4	130.0	139.0	123.9	140.4	126.1	123.7	119.5	89.9	130.0
	2016	74.6	72.5	118.7	123.6	111.8	131.4	140.6	141.2	127.9	129.6	105.0	107.9	123.7	140.6
	2017	67.4	112.6	112.6	124.7	135.8	134.1	139.8	140.7	140.2	121.3	100.5	62.9	112.6	140.7
	2018	75.6	106.0	108.1	112.7	107.7	125.6	135.2	135.2	133.4	122.4	114.3	61.2	75.6	135.2
	2019	73.2	119.2	117.7	114.1	114.5	142.3	142.8	138.5	134.2	125.9	120.2	103.0	114.3	142.3
	2020	78.9	114.8	110.2	109.2	116.5	136.4	139.5	131.1	135.9	123.1	102.1	84.9	110.2	136.4
Projected	2021	75.2	88.6	102.0	117.6	122.7	132.6	135.7	134.4	129.7	123.8	102.8	86.5	75.2	134.4
	2022	76.6	90.2	103.2	118.9	124.1	134.1	137.2	135.9	131.2	125.2	103.9	87.4	76.6	135.9
	2023	77.4	91.2	105.2	121.2	126.4	136.6	139.8	138.4	133.6	127.6	105.9	89.1	77.4	138.4
	2024	78.9	93.0	107.4	123.7	129.0	139.4	142.7	141.3	136.4	130.2	108.1	91.6	78.9	141.3
	2025	81.1	95.5	108.9	125.5	130.9	141.4	144.8	143.3	138.4	132.1	109.7	92.7	81.1	143.3
	2026	82.1	96.7	110.0	126.7	132.2	142.8	146.2	144.7	139.7	133.4	110.8	93.6	82.1	144.7
	2027	82.9	97.6	111.0	127.8	133.4	144.0	147.4	145.9	140.9	134.6	111.8	93.8	82.9	145.9
	2028	83.1	97.8	111.9	128.9	134.4	145.1	148.6	147.1	142.0	135.6	112.8	95.2	83.1	147.1
	2029	84.3	99.3	112.9	129.9	135.5	146.2	149.7	148.2	143.0	136.7	113.7	96.0	84.3	148.2
	2030	85.0	100.1	113.7	130.8	136.5	147.3	150.8	149.3	144.1	137.7	114.6	96.7	85.0	149.3
Projected	2031	85.6	100.8	114.6	131.8	137.5	148.4	151.9	150.4	145.1	138.8	115.4	96.7	85.6	150.4
	2032	85.7	100.9	115.5	132.9	138.6	149.5	153.1	151.5	146.3	139.9	116.4	98.2	85.7	151.5
	2033	87.0	102.4	116.5	133.9	139.7	150.7	154.3	152.8	147.4	141.0	117.3	99.0	87.0	152.8
	2034	87.7	103.2	117.5	135.1	140.9	152.0	155.6	154.0	148.6	142.2	118.3	99.8	87.7	154.0
	2035	88.4	104.1	118.5	136.2	142.1	153.2	156.8	155.2	149.8	143.4	119.3	99.9	88.4	155.2
	2036	88.5	104.2	119.4	137.2	143.2	154.4	158.1	156.5	151.0	144.5	120.3	101.4	88.5	156.5
	2037	89.8	105.7	120.3	138.3	144.3	155.5	159.2	157.6	152.1	145.6	121.2	102.1	89.8	157.6
	2038	90.4	106.5	121.2	139.3	145.3	156.6	160.4	158.7	153.2	146.6	122.1	102.8	90.4	158.7
	2039	91.1	107.2	122.1	140.2	146.3	157.7	161.4	159.8	154.2	147.6	123.0	102.8	91.1	159.8
	2040	91.0	107.2	122.9	141.2	147.3	158.7	162.5	160.9	155.2	148.6	123.8	104.6	91.0	160.9

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	87.2%	69.3%	92.0%	97.3%	92.5%	98.3%	94.5%	97.9%	93.8%	98.2%	97.6%	90.2%	65.9%	96.5%
	2012	83.2%	68.9%	93.4%	95.8%	99.7%	96.5%	99.7%	98.1%	94.0%	97.1%	95.3%	61.0%	72.0%	99.7%
	2013	61.6%	64.8%	60.9%	94.9%	99.6%	95.5%	82.5%	95.6%	97.3%	94.1%	99.9%	99.4%	60.9%	95.2%
	2014	69.7%	54.9%	82.5%	99.7%	92.5%	96.0%	92.1%	93.3%	87.9%	98.6%	53.5%	60.6%	65.2%	92.0%
	2015	60.0%	81.6%	90.4%	88.6%	100.0%	92.5%	94.7%	85.3%	98.6%	96.4%	96.6%	96.0%	72.5%	88.6%
	2016	60.8%	63.7%	92.4%	95.3%	81.7%	92.4%	95.5%	98.3%	92.9%	99.2%	98.0%	92.9%	96.3%	95.5%
	2017	58.9%	99.3%	96.6%	99.0%	97.7%	96.5%	94.5%	95.7%	98.9%	97.3%	78.6%	58.2%	96.6%	95.1%
	2018	79.2%	95.0%	93.4%	91.1%	91.2%	93.3%	93.2%	96.6%	99.4%	97.2%	93.4%	53.8%	59.1%	93.2%
	2019	65.3%	99.5%	99.2%	90.4%	85.9%	99.8%	97.4%	96.4%	100.0%	95.7%	99.3%	93.9%	93.4%	97.0%
	2020	68.9%	94.3%	91.9%	89.8%	93.7%	97.0%	98.0%	91.8%	97.7%	97.4%	91.2%	78.6%	90.5%	95.6%
Projected	2021	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.1%	97.4%	91.2%	78.6%	65.8%	93.6%
	2022	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.1%	97.4%	91.2%	78.6%	66.2%	93.6%
	2023	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.0%	97.4%	91.2%	78.6%	65.7%	93.6%
	2024	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.0%	97.4%	91.2%	78.6%	65.6%	93.6%
	2025	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.0%	97.4%	91.2%	78.6%	66.4%	93.6%
	2026	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.0%	97.4%	91.2%	78.6%	66.6%	93.6%
	2027	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.8%	96.0%	97.4%	91.2%	78.6%	66.7%	93.6%
	2028	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.8%	96.0%	97.4%	91.2%	78.6%	66.2%	93.6%
	2029	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.8%	96.0%	97.4%	91.2%	78.6%	66.7%	93.6%
	2030	69.5%	79.1%	89.3%	94.2%	93.4%	95.7%	94.5%	94.8%	96.0%	97.4%	91.2%	78.6%	66.7%	93.6%
	2011-2020	69.5%	79.1%	89.3%	94.2%	93.5%	95.8%	94.2%	94.9%	96.1%	97.1%	90.4%	78.5%	77.2%	94.8%
	2021-2030	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.0%	97.4%	91.2%	78.6%	66.3%	93.6%

FMPA 2021 Load Forecast - High Economic Case - Keys

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service						Navy		Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	327,810		24,480		13,391		307,356		4,043		76.0		60,740		3,897		699,803		47,552	6.4%	747,355	
	2012	328,870	0.3%	24,669	0.8%	13,331	-0.4%	313,658	2.1%	4,149	2.6%	75.6	-0.6%	59,646	-1.8%	3,461	-11.2%	705,634	0.8%	39,488	5.3%	745,122	-0.3%
	2013	326,921	-0.6%	24,821	0.6%	13,171	-1.2%	309,858	-1.2%	4,203	1.3%	73.7	-2.5%	55,799	-6.4%	2,934	-15.2%	695,513	-1.4%	42,490	5.8%	738,003	-1.0%
	2014	355,491	8.7%	25,122	1.2%	14,150	7.4%	316,879	2.3%	4,206	0.1%	75.3	2.2%	51,776	-7.2%	2,850	-2.9%	726,995	4.5%	43,425	5.6%	770,420	4.4%
	2015	358,733	0.9%	25,394	1.1%	14,127	-0.2%	316,208	-0.2%	4,250	1.0%	74.4	-1.2%	52,303	1.0%	2,832	-0.6%	730,075	0.4%	49,697	6.4%	779,772	1.2%
	2016	373,053	4.0%	25,553	0.6%	14,599	3.3%	323,965	2.5%	4,333	1.9%	74.8	0.5%	52,594	0.6%	2,925	3.3%	752,537	3.1%	47,604	5.9%	800,141	2.6%
	2017	361,482	-3.1%	25,643	0.4%	14,097	-3.4%	321,231	-0.8%	4,446	2.6%	72.3	-3.4%	51,352	-2.4%	2,545	-13.0%	736,610	-2.1%	27,720	3.6%	764,330	-4.5%
	2018	341,600	-5.5%	25,642	0.0%	13,322	-5.5%	294,322	-8.4%	4,507	1.4%	65.3	-9.6%	47,622	-7.3%	2,810	10.4%	686,353	-6.8%	60,278	8.1%	746,631	-2.3%
	2019	376,615	10.3%	25,895	1.0%	14,544	9.2%	319,964	8.7%	4,405	-2.3%	72.6	11.2%	45,492	-4.5%	2,260	-19.6%	744,331	8.4%	42,267	5.4%	786,598	5.4%
	2020	386,191	2.5%	26,251	1.4%	14,712	1.2%	294,631	-7.9%	4,489	1.9%	65.6	-9.6%	40,305	-11.4%	2,149	-4.9%	723,277	-2.8%	48,262	6.3%	771,538	-1.9%
Projected	2021	368,557	-4.6%	26,388	0.5%	13,967	-5.1%	289,508	-1.7%	4,519	0.7%	64.1	-2.4%	39,440	-2.1%	2,400	11.7%	699,905	-3.2%	41,018	5.5%	740,923	-4.0%
	2022	371,816	0.9%	26,431	0.2%	14,067	0.7%	295,460	2.1%	4,536	0.4%	65.1	1.7%	39,354	-0.2%	2,376	-1.0%	709,006	1.3%	43,364	5.8%	752,370	1.5%
	2023	374,976	0.9%	26,504	0.3%	14,148	0.6%	302,759	2.5%	4,553	0.4%	66.5	2.1%	39,702	0.9%	2,352	-1.0%	719,790	1.5%	44,068	5.8%	763,859	1.5%
	2024	378,266	0.9%	26,576	0.3%	14,233	0.6%	315,482	4.2%	4,571	0.4%	69.0	3.8%	40,595	2.2%	2,329	-1.0%	736,671	2.3%	45,728	5.8%	782,399	2.4%
	2025	380,542	0.6%	26,646	0.3%	14,281	0.3%	325,404	3.1%	4,588	0.4%	70.9	2.8%	41,225	1.6%	2,305	-1.0%	749,476	1.7%	45,832	5.8%	795,308	1.6%
	2026	382,417	0.5%	26,713	0.3%	14,316	0.2%	331,823	2.0%	4,606	0.4%	72.0	1.6%	41,593	0.9%	2,282	-1.0%	758,116	1.2%	46,334	5.8%	804,450	1.1%
	2027	384,640	0.6%	26,777	0.2%	14,364	0.3%	336,478	1.4%	4,623	0.4%	72.8	1.0%	41,799	0.5%	2,260	-1.0%	765,176	0.9%	46,761	5.8%	811,937	0.9%
	2028	387,420	0.7%	26,839	0.2%	14,435	0.5%	340,120	1.1%	4,640	0.4%	73.3	0.7%	41,915	0.3%	2,237	-1.0%	771,692	0.9%	47,843	5.8%	819,535	0.9%
	2029	390,802	0.9%	26,899	0.2%	14,529	0.6%	343,024	0.9%	4,656	0.4%	73.7	0.5%	41,979	0.2%	2,215	-1.0%	778,019	0.8%	47,541	5.8%	825,560	0.7%
	2030	394,406	0.9%	26,956	0.2%	14,631	0.7%	345,465	0.7%	4,672	0.3%	73.9	0.4%	42,015	0.1%	2,192	-1.0%	784,079	0.8%	47,909	5.8%	831,988	0.8%
	2031	398,167	1.0%	27,011	0.2%	14,741	0.7%	347,642	0.6%	4,688	0.3%	74.2	0.3%	42,035	0.0%	2,171	-1.0%	790,014	0.8%	48,271	5.8%	838,285	0.8%
	2032	402,187	1.0%	27,065	0.2%	14,860	0.8%	349,853	0.6%	4,703	0.3%	74.4	0.3%	42,046	0.0%	2,149	-1.0%	796,236	0.8%	49,363	5.8%	845,599	0.9%
	2033	406,524	1.1%	27,116	0.2%	14,992	0.9%	352,037	0.6%	4,718	0.3%	74.6	0.3%	42,052	0.0%	2,127	-1.0%	802,740	0.8%	49,052	5.8%	851,792	0.7%
	2034	411,149	1.1%	27,166	0.2%	15,135	1.0%	354,117	0.6%	4,732	0.3%	74.8	0.3%	42,056	0.0%	2,106	-1.0%	809,427	0.8%	49,462	5.8%	858,889	0.8%
	2035	415,825	1.1%	27,214	0.2%	15,280	1.0%	356,117	0.6%	4,746	0.3%	75.0	0.3%	42,058	0.0%	2,085	-1.0%	816,085	0.8%	49,867	5.8%	865,953	0.8%
	2036	420,483	1.1%	27,261	0.2%	15,425	0.9%	358,034	0.5%	4,760	0.3%	75.2	0.3%	42,059	0.0%	2,064	-1.0%	822,641	0.8%	51,000	5.8%	873,641	0.9%
	2037	425,104	1.1%	27,306	0.2%	15,568	0.9%	359,790	0.5%	4,773	0.3%	75.4	0.2%	42,060	0.0%	2,043	-1.0%	828,998	0.8%	50,654	5.8%	879,651	0.7%
	2038	429,571	1.1%	27,349	0.2%	15,707	0.9%	361,424	0.5%	4,786	0.3%	75.5	0.2%	42,060	0.0%	2,023	-1.0%	835,078	0.7%	51,024	5.8%	886,102	0.7%
	2039	433,906	1.0%	27,392	0.2%	15,841	0.9%	363,011	0.4%	4,798	0.3%	75.7	0.2%	42,060	0.0%	2,003	-1.0%	840,980	0.7%	51,383	5.8%	892,363	0.7%
	2040	438,175	1.0%	27,433	0.1%	15,973	0.8%	364,551	0.4%	4,810	0.2%	75.8	0.2%	42,060	0.0%	1,983	-1.0%	846,769	0.7%	52,490	5.8%	899,259	0.8%
CAGR	2011-2020		1.8%		0.8%		1.1%		-0.5%		1.2%		-1.6%		-4.5%		-6.4%		0.4%		5.9%		0.4%
	2021-2030		0.8%		0.2%		0.5%		2.0%		0.4%		1.6%		0.7%		-1.0%		1.3%		5.8%		1.3%
	2031-2040		1.1%		0.2%		0.9%		0.5%		0.3%		0.2%		0.0%		-1.0%		0.8%		5.8%		0.8%

CAGR - Compound Average Growth Rate; data under Distribution Losses reflect averages.

FMPA 2021 Load Forecast - Mild Weather Case

Keys Energy

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	747,355	-	745,892	-	-0.2%	76.9	-	85.7	-	11.3%	134.8	-	122.8		-8.9%
	2012	745,122	-0.3%	753,202	1.0%	1.1%	80.6	4.7%	76.9	-10.2%	-4.5%	136.7	1.4%	141.2	15.0%	3.3%
	2013	738,003	-1.0%	753,276	0.0%	2.1%	70.6	-12.3%	75.6	-1.7%	7.1%	129.6	-5.2%	130.1	-7.9%	0.4%
	2014	770,420	4.4%	753,723	0.1%	-2.2%	75.0	6.2%	77.2	2.1%	2.9%	132.7	2.4%	134.9	3.7%	1.7%
	2015	779,772	1.2%	767,942	1.9%	-1.5%	89.9	19.9%	77.9	0.9%	-13.4%	130.0	-2.1%	126.0	-6.6%	-3.1%
	2016	800,141	2.6%	786,510	2.4%	-1.7%	123.7	37.5%	81.7	4.9%	-33.9%	140.6	8.1%	140.0	11.1%	-0.4%
	2017	764,330	-4.5%	740,607	-5.8%	-3.1%	112.6	-8.9%	76.7	-6.0%	-31.9%	140.7	0.1%	136.0	-2.8%	-3.3%
	2018	746,631	-2.3%	741,530	0.1%	-0.7%	75.6	-32.8%	76.2	-0.8%	0.7%	135.2	-3.9%	141.0	3.6%	4.2%
	2019	786,598	5.4%	748,855	1.0%	-4.8%	114.3	51.1%	81.0	6.3%	-29.2%	142.3	5.2%	144.2	2.3%	1.4%
	2020	771,538	-1.9%	747,083	-0.2%	-3.2%	110.2	-3.6%	81.7	0.9%	-25.9%	136.4	-4.1%	133.0	-7.8%	-2.5%
Projected	2021	723,876	-6.2%	723,876	-3.1%		73.6	-33.2%	73.6	-9.9%		128.2	-6.0%	128.2	-3.6%	
	2022			732,937	1.3%				74.7	1.6%				129.2	0.7%	
	2023			740,529	1.0%				75.2	0.7%				131.0	1.4%	
	2024			754,523	1.9%				76.3	1.4%				133.0	1.6%	
	2025			763,658	1.2%				78.0	2.2%				134.4	1.1%	
	2026			770,103	0.8%				78.7	1.0%				135.4	0.7%	
	2027			775,450	0.7%				79.3	0.7%				136.3	0.7%	
	2028			781,167	0.7%				79.3	0.0%				137.2	0.6%	
	2029			785,531	0.6%				80.4	1.3%				138.1	0.6%	
	2030			790,430	0.6%				80.9	0.6%				138.9	0.6%	
	2031			795,312	0.6%				81.4	0.6%				139.8	0.6%	
	2032			801,258	0.7%				81.3	-0.1%				140.8	0.7%	
	2033			806,185	0.6%				82.4	1.4%				141.8	0.7%	
	2034			812,035	0.7%				83.0	0.7%				142.8	0.7%	
	2035			817,905	0.7%				83.6	0.7%				143.9	0.7%	
	2036			824,422	0.8%				83.6	0.0%				144.9	0.7%	
	2037			829,366	0.6%				84.8	1.4%				145.9	0.7%	
	2038			834,776	0.7%				85.3	0.6%				146.9	0.7%	
	2039			840,040	0.6%				85.8	0.6%				147.8	0.6%	
	2040			845,944	0.7%				85.8	-0.1%				148.7	0.6%	
CAGR [3]	2011-2020		0.4%		0.0%			4.1%		-0.5%			0.1%		0.9%	
	2021-2030				1.0%					1.1%					0.9%	
	2031-2040				0.7%					0.6%					0.7%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Keys Energy

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	747,355	-	747,355	-	116.7	139.7	116.7	139.7	76.9	134.8	76.9	134.8
	2012	745,122	-0.3%	745,122	-0.3%	111.9	137.0	111.9	137.0	80.6	136.7	80.6	136.7
	2013	738,003	-1.0%	738,003	-1.0%	115.9	136.1	115.9	136.1	70.6	129.6	70.6	129.6
	2014	770,420	4.4%	770,420	4.4%	115.1	144.2	115.1	144.2	75.0	132.7	75.0	132.7
	2015	779,772	1.2%	779,772	1.2%	124.0	146.7	124.0	146.7	89.9	130.0	89.9	130.0
	2016	800,141	2.6%	800,141	2.6%	128.5	147.2	128.5	147.2	123.7	140.6	123.7	140.6
	2017	764,330	-4.5%	764,330	-4.5%	116.6	148.0	116.6	148.0	112.6	140.7	112.6	140.7
	2018	746,631	-2.3%	746,631	-2.3%	127.9	145.0	127.9	145.0	75.6	135.2	75.6	135.2
	2019	786,598	5.4%	786,598	5.4%	122.4	146.7	122.4	146.7	114.3	142.3	114.3	142.3
	2020	771,538	-1.9%	755,467	-4.0%	121.8	142.8	119.9	143.7	110.2	136.4	77.1	135.1
Projected	2021	723,876	-6.2%	755,470	0.0%	111.9	137.0	120.1	143.9	73.6	128.2	78.3	135.4
	2022	732,937	1.3%	758,127	0.4%	111.2	138.0	120.5	144.4	74.7	129.2	78.5	135.8
	2023	740,529	1.0%	759,991	0.2%	111.9	139.9	120.8	144.7	75.2	131.0	78.8	136.1
	2024	754,523	1.9%	762,410	0.3%	113.5	142.1	121.1	145.0	76.3	133.0	78.4	136.4
	2025	763,658	1.2%	763,510	0.1%	116.1	143.6	121.3	145.4	78.0	134.4	79.2	136.7
	2026	770,103	0.8%	765,436	0.3%	117.2	144.7	121.7	145.8	78.7	135.4	79.4	137.1
	2027	775,450	0.7%	767,567	0.3%	118.0	145.6	122.0	146.2	79.3	136.3	79.6	137.5
	2028	781,167	0.7%	770,473	0.4%	118.0	146.6	122.4	146.6	79.3	137.2	79.2	137.9
	2029	785,531	0.6%	772,143	0.2%	119.6	147.5	122.7	147.0	80.4	138.1	80.1	138.3
	2030	790,430	0.6%	774,464	0.3%	120.3	148.4	123.1	147.5	80.9	138.9	80.3	138.7
	2031	795,312	0.6%	777,367	0.4%	121.1	149.4	123.6	148.1	81.4	139.8	80.6	139.3
	2032	801,258	0.7%	781,362	0.5%	121.0	150.4	124.2	148.8	81.3	140.8	80.3	139.9
	2033	806,185	0.6%	784,297	0.4%	122.7	151.5	124.7	149.5	82.4	141.8	81.3	140.6
	2034	812,035	0.7%	787,891	0.5%	123.5	152.6	125.3	150.2	83.0	142.8	81.6	141.2
	2035	817,905	0.7%	791,382	0.4%	124.4	153.7	125.9	150.8	83.6	143.9	82.0	141.8
	2036	824,422	0.8%	795,437	0.5%	124.4	154.8	126.4	151.5	83.6	144.9	81.8	142.5
	2037	829,366	0.6%	798,171	0.3%	126.1	155.9	127.0	152.1	84.8	145.9	82.7	143.1
	2038	834,776	0.7%	801,445	0.4%	126.9	156.9	127.5	152.8	85.3	146.9	83.0	143.7
	2039	840,040	0.6%	804,628	0.4%	127.7	157.9	128.0	153.4	85.8	147.8	83.3	144.2
	2040	845,944	0.7%			127.6	158.9			85.8	148.7		
CAGR[1]	Historical		0.4%		0.6%	0.5%	0.2%	0.6%	0.6%	4.0%	0.0%	5.1%	0.6%
	1st 10 Prj Yrs		1.0%		0.2%	0.8%	0.9%	0.3%	0.3%	1.1%	0.9%	0.4%	0.3%
	2nd 10 Prj Yrs		0.7%		0.4%	0.6%	0.7%	0.4%	0.4%	0.6%	0.7%	0.4%	0.4%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Keys Energy

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	747,355	-	745,892	-	-0.2%	76.9	-	85.7	-	11.3%	134.8	-	122.8		-8.9%
	2012	745,122	-0.3%	753,202	1.0%	1.1%	80.6	4.7%	76.9	-10.2%	-4.5%	136.7	1.4%	141.2	15.0%	3.3%
	2013	738,003	-1.0%	753,276	0.0%	2.1%	70.6	-12.3%	75.6	-1.7%	7.1%	129.6	-5.2%	130.1	-7.9%	0.4%
	2014	770,420	4.4%	753,723	0.1%	-2.2%	75.0	6.2%	77.2	2.1%	2.9%	132.7	2.4%	134.9	3.7%	1.7%
	2015	779,772	1.2%	767,942	1.9%	-1.5%	89.9	19.9%	77.9	0.9%	-13.4%	130.0	-2.1%	126.0	-6.6%	-3.1%
	2016	800,141	2.6%	786,510	2.4%	-1.7%	123.7	37.5%	81.7	4.9%	-33.9%	140.6	8.1%	140.0	11.1%	-0.4%
	2017	764,330	-4.5%	740,607	-5.8%	-3.1%	112.6	-8.9%	76.7	-6.0%	-31.9%	140.7	0.1%	136.0	-2.8%	-3.3%
	2018	746,631	-2.3%	741,530	0.1%	-0.7%	75.6	-32.8%	76.2	-0.8%	0.7%	135.2	-3.9%	141.0	3.6%	4.2%
	2019	786,598	5.4%	748,855	1.0%	-4.8%	114.3	51.1%	81.0	6.3%	-29.2%	142.3	5.2%	144.2	2.3%	1.4%
	2020	771,538	-1.9%	731,552	-2.3%	-5.2%	110.2	-3.6%	81.7	0.9%	-25.9%	136.4	-4.1%	133.0	-7.8%	-2.5%
Projected	2021	723,526	-6.2%	723,526	-1.1%		73.6	-33.2%	73.6	-9.9%		128.1	-6.1%	128.1	-3.7%	
	2022			732,432	1.2%				74.7	1.6%				129.0	0.7%	
	2023			739,868	1.0%				75.2	0.7%				130.8	1.4%	
	2024			753,685	1.9%				76.3	1.4%				132.8	1.5%	
	2025			762,628	1.2%				78.0	2.2%				134.2	1.1%	
	2026			768,806	0.8%				78.7	1.0%				135.1	0.7%	
	2027			773,862	0.7%				79.3	0.7%				135.9	0.6%	
	2028			779,268	0.7%				79.3	0.0%				136.7	0.6%	
	2029			783,311	0.5%				80.4	1.3%				137.5	0.6%	
	2030			787,871	0.6%				80.9	0.6%				138.3	0.6%	
	2031			792,531	0.6%				81.4	0.6%				139.1	0.6%	
	2032			798,243	0.7%				81.3	-0.1%				140.0	0.6%	
	2033			802,952	0.6%				82.4	1.4%				141.0	0.7%	
	2034			808,562	0.7%				83.0	0.7%				142.0	0.7%	
	2035			814,266	0.7%				83.6	0.7%				143.0	0.7%	
	2036			820,569	0.8%				83.6	0.0%				144.0	0.7%	
	2037			825,303	0.6%				84.8	1.4%				144.9	0.7%	
	2038			830,470	0.6%				85.3	0.6%				145.8	0.6%	
	2039			835,423	0.6%				85.8	0.6%				146.7	0.6%	
	2040			841,009	0.7%				85.8	-0.1%				147.5	0.6%	
CAGR [3]	2011-2020		0.4%		-0.2%			4.1%		-0.5%			0.1%		0.9%	
	2021-2030				1.0%					1.1%					0.9%	
	2031-2040				0.7%					0.6%					0.7%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Keys Energy

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	747,355	-	745,892	-	-0.2%	116.7	-	73.1%	139.7	-	61.1%
	2012	745,122	-0.3%	753,202	1.0%	1.1%	111.9	-4.1%	76.0%	137.0	-1.9%	62.1%
	2013	738,003	-1.0%	753,276	0.0%	2.1%	115.9	3.6%	72.7%	136.1	-0.7%	61.9%
	2014	770,420	4.4%	753,723	0.1%	-2.2%	115.1	-0.7%	76.4%	144.2	6.0%	61.0%
	2015	779,772	1.2%	767,942	1.9%	-1.5%	124.0	7.7%	71.8%	146.7	1.8%	60.7%
	2016	800,141	2.6%	786,510	2.4%	-1.7%	128.5	3.6%	71.1%	147.2	0.3%	62.1%
	2017	764,330	-4.5%	740,607	-5.8%	-3.1%	116.6	-9.2%	74.8%	148.0	0.6%	59.0%
	2018	746,631	-2.3%	741,530	0.1%	-0.7%	127.9	9.7%	66.6%	145.0	-2.0%	58.8%
	2019	786,598	5.4%	748,855	1.0%	-4.8%	122.4	-4.3%	73.4%	146.7	1.2%	61.2%
	2020	771,538	-1.9%	731,552	-2.3%	-5.2%	121.8	-0.5%	72.3%	142.8	-2.7%	61.7%
Projected	2021	723,526	-6.2%	723,526	-1.1%		111.9	-8.1%	73.8%	136.9	-4.1%	60.3%
	2022	732,432	1.2%	732,432	1.2%		111.2	-0.7%	75.2%	137.9	0.7%	60.6%
	2023	739,868	1.0%	739,868	1.0%		111.9	0.7%	75.5%	139.8	1.4%	60.4%
	2024	753,685	1.9%	753,685	1.9%		113.5	1.4%	75.8%	141.9	1.5%	60.6%
	2025	762,628	1.2%	762,628	1.2%		116.1	2.2%	75.0%	143.4	1.1%	60.7%
	2026	768,806	0.8%	768,806	0.8%		117.2	1.0%	74.9%	144.4	0.7%	60.8%
	2027	773,862	0.7%	773,862	0.7%		118.0	0.7%	74.8%	145.3	0.6%	60.8%
	2028	779,268	0.7%	779,268	0.7%		118.0	0.0%	75.4%	146.1	0.6%	60.9%
	2029	783,311	0.5%	783,311	0.5%		119.6	1.3%	74.8%	147.0	0.6%	60.8%
	2030	787,871	0.6%	787,871	0.6%		120.3	0.6%	74.7%	147.8	0.6%	60.8%
	2031	792,531	0.6%	792,531	0.6%		121.1	0.6%	74.7%	148.7	0.6%	60.8%
	2032	798,243	0.7%	798,243	0.7%		121.0	-0.1%	75.3%	149.7	0.7%	60.9%
	2033	802,952	0.6%	802,952	0.6%		122.7	1.4%	74.7%	150.7	0.7%	60.8%
	2034	808,562	0.7%	808,562	0.7%		123.5	0.7%	74.7%	151.8	0.7%	60.8%
	2035	814,266	0.7%	814,266	0.7%		124.4	0.7%	74.7%	152.8	0.7%	60.8%
	2036	820,569	0.8%	820,569	0.8%		124.4	0.0%	75.3%	153.9	0.7%	60.9%
	2037	825,303	0.6%	825,303	0.6%		126.1	1.4%	74.7%	154.9	0.7%	60.8%
	2038	830,470	0.6%	830,470	0.6%		126.9	0.6%	74.7%	155.9	0.6%	60.8%
	2039	835,423	0.6%	835,423	0.6%		127.7	0.6%	74.7%	156.8	0.6%	60.8%
	2040	841,009	0.7%	841,009	0.7%		127.6	-0.1%	75.2%	157.7	0.6%	60.9%
CAGR [1]	2011-2020		0.4%		-0.2%			0.5%	72.8%		0.2%	60.9%
	2021-2030		1.0%		1.0%			0.8%	75.0%		0.9%	60.7%
	2031-2040		0.7%		0.7%			0.6%	74.9%		0.7%	60.8%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Keys Energy

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	49,625	48,449	56,147	65,165	69,232	71,432	78,079	77,082	70,539	60,811	54,188	52,785	753,536	747,355
	2012	51,397	53,175	59,574	57,998	67,590	69,438	74,466	76,175	67,524	65,601	48,607	53,915	745,460	745,122
	2013	55,836	50,949	51,639	62,662	64,933	70,122	72,098	74,100	67,540	67,252	57,589	57,667	752,389	738,003
	2014	53,092	53,415	56,611	60,541	67,688	69,346	79,381	79,668	68,170	65,644	50,922	52,962	757,440	770,420
	2015	53,715	47,581	63,128	67,941	69,700	73,252	81,282	80,654	72,991	68,760	64,072	63,175	806,252	779,772
	2016	52,882	49,348	62,070	61,116	70,437	75,779	82,211	79,138	71,154	66,855	54,673	60,964	786,625	800,141
	2017	55,757	52,183	57,213	60,944	71,292	74,888	81,754	80,336	47,471	64,871	54,508	52,247	753,464	764,330
	2018	48,532	53,364	53,366	60,374	61,922	70,634	79,380	77,032	70,400	68,516	58,974	54,326	756,820	746,631
	2019	51,368	54,207	58,778	62,591	72,145	77,287	80,821	78,346	69,239	71,166	56,483	54,901	787,332	786,598
	2020	53,841	53,598	58,247	61,066	60,655	72,736	76,588	80,314	71,943	62,284	52,403	51,077	754,753	771,538
Projected	2021	50,022	47,168	55,719	58,805	65,223	68,135	72,558	72,627	67,506	64,004	53,661	51,872	727,299	723,526
	2022	50,806	47,899	56,478	59,313	65,563	68,542	73,090	73,196	68,009	64,456	54,008	52,200	733,560	732,432
	2023	51,130	48,219	56,917	59,897	66,334	69,310	74,049	74,301	69,046	65,602	55,120	53,330	743,254	739,868
	2024	52,200	49,891	58,061	60,984	67,418	70,467	75,164	75,344	70,104	66,547	55,886	54,163	756,229	753,685
	2025	52,993	49,975	58,859	61,778	68,250	71,277	75,975	76,121	70,804	67,191	56,417	54,692	764,333	762,628
	2026	53,479	50,423	59,348	62,271	68,773	71,793	76,503	76,637	71,279	67,643	56,799	55,085	770,033	768,806
	2027	53,853	50,776	59,745	62,682	69,222	72,248	76,980	77,111	71,720	68,064	57,151	55,443	774,994	773,862
	2028	54,196	51,766	60,109	63,063	69,642	72,679	77,438	77,570	72,147	68,473	57,493	55,789	780,365	779,268
	2029	54,534	51,417	60,471	63,443	70,064	73,114	77,904	78,035	72,576	68,879	57,826	56,121	784,382	783,311
	2030	54,859	51,722	60,818	63,807	70,469	73,534	78,355	78,487	72,994	69,287	58,164	56,452	788,949	787,871
Projected	2031	55,185	52,026	61,170	64,178	70,883	73,968	78,825	78,959	73,434	69,708	58,515	56,799	793,649	792,531
	2032	55,530	53,033	61,552	64,584	71,337	74,446	79,341	79,480	73,919	70,171	58,900	57,175	799,467	798,243
	2033	55,902	52,701	61,960	65,015	71,820	74,953	79,890	80,033	74,432	70,658	59,301	57,567	804,233	802,952
	2034	56,290	53,065	62,387	65,466	72,323	75,480	80,460	80,604	74,961	71,165	59,720	57,969	809,890	808,562
	2035	56,688	53,435	62,821	65,921	72,830	76,012	81,034	81,180	75,492	71,661	60,127	58,362	815,562	814,266
	2036	57,078	54,499	63,247	66,371	73,330	76,538	81,599	81,745	76,014	72,153	60,531	58,750	821,854	820,569
	2037	57,461	54,155	63,660	66,804	73,812	77,041	82,140	82,286	76,510	72,617	60,911	59,116	826,513	825,303
	2038	57,823	54,492	64,052	67,217	74,271	77,522	82,658	82,804	76,987	73,061	61,273	59,469	831,628	830,470
	2039	58,171	54,816	64,427	67,612	74,712	77,982	83,155	83,301	77,445	73,495	61,628	59,814	836,557	835,423
	2040	58,514	55,851	64,795	68,000	75,145	78,435	83,644	83,791	77,897	73,922	61,977	60,155	842,126	841,009

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	6.6%	6.4%	7.5%	8.6%	9.2%	9.5%	10.4%	10.2%	9.4%	8.1%	7.2%	7.0%	100.0%
	2012	6.9%	7.1%	8.0%	7.8%	9.1%	9.3%	10.0%	10.2%	9.1%	8.8%	6.5%	7.2%	100.0%
	2013	7.4%	6.8%	6.9%	8.3%	8.6%	9.3%	9.6%	9.8%	9.0%	8.9%	7.7%	7.7%	100.0%
	2014	7.0%	7.1%	7.5%	8.0%	8.9%	9.2%	10.5%	10.5%	9.0%	8.7%	6.7%	7.0%	100.0%
	2015	6.7%	5.9%	7.8%	8.4%	8.6%	9.1%	10.1%	10.0%	9.1%	8.5%	7.9%	7.8%	100.0%
	2016	6.7%	6.3%	7.9%	7.8%	9.0%	9.6%	10.5%	10.1%	9.0%	8.5%	7.0%	7.8%	100.0%
	2017	7.4%	6.9%	7.6%	8.1%	9.5%	9.9%	10.9%	10.7%	6.3%	8.6%	7.2%	6.9%	100.0%
	2018	6.4%	7.1%	7.1%	8.0%	8.2%	9.3%	10.5%	10.2%	9.3%	9.1%	7.8%	7.2%	100.0%
	2019	6.5%	6.9%	7.5%	7.9%	9.2%	9.8%	10.3%	10.0%	8.8%	9.0%	7.2%	7.0%	100.0%
	2020	7.1%	7.1%	7.7%	8.1%	8.0%	9.6%	10.1%	10.6%	9.5%	8.3%	6.9%	6.8%	100.0%
Projected	2021	6.9%	6.5%	7.7%	8.1%	9.0%	9.4%	10.0%	10.0%	9.3%	8.8%	7.4%	7.1%	100.0%
	2022	6.9%	6.5%	7.7%	8.1%	8.9%	9.3%	10.0%	10.0%	9.3%	8.8%	7.4%	7.1%	100.0%
	2023	6.9%	6.5%	7.7%	8.1%	8.9%	9.3%	10.0%	10.0%	9.3%	8.8%	7.4%	7.2%	100.0%
	2024	6.9%	6.6%	7.7%	8.1%	8.9%	9.3%	9.9%	10.0%	9.3%	8.8%	7.4%	7.2%	100.0%
	2025	6.9%	6.5%	7.7%	8.1%	8.9%	9.3%	9.9%	10.0%	9.3%	8.8%	7.4%	7.2%	100.0%
	2026	6.9%	6.5%	7.7%	8.1%	8.9%	9.3%	9.9%	10.0%	9.3%	8.8%	7.4%	7.2%	100.0%
	2027	6.9%	6.6%	7.7%	8.1%	8.9%	9.3%	9.9%	9.9%	9.3%	8.8%	7.4%	7.2%	100.0%
	2028	6.9%	6.6%	7.7%	8.1%	8.9%	9.3%	9.9%	9.9%	9.2%	8.8%	7.4%	7.1%	100.0%
	2029	7.0%	6.6%	7.7%	8.1%	8.9%	9.3%	9.9%	9.9%	9.3%	8.8%	7.4%	7.2%	100.0%
	2030	7.0%	6.6%	7.7%	8.1%	8.9%	9.3%	9.9%	9.9%	9.3%	8.8%	7.4%	7.2%	100.0%
Avg.	2011-2020	6.9%	6.8%	7.5%	8.1%	8.8%	9.5%	10.3%	10.2%	8.8%	8.6%	7.2%	7.2%	100.0%
	2021-2030	6.9%	6.5%	7.7%	8.1%	8.9%	9.3%	9.9%	10.0%	9.3%	8.8%	7.4%	7.2%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Mild Weather Case

Keys Energy

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	94.3	98.6	116.7	125.1	128.0	134.3	139.7	137.6	130.7	120.4	106.7	100.3	116.7	139.7
	2012	96.8	110.2	111.9	118.9	129.0	133.0	137.0	136.5	128.4	123.9	94.8	106.8	111.9	137.0
	2013	103.4	113.0	115.9	125.6	126.2	134.1	136.1	135.5	129.6	128.0	114.6	107.8	115.9	136.1
	2014	107.6	112.8	115.1	123.9	123.4	133.2	144.2	142.2	136.1	127.0	111.0	106.4	115.1	144.2
	2015	109.4	110.3	124.0	137.7	130.5	140.6	146.7	145.2	142.4	130.8	128.0	124.5	124.0	146.7
	2016	122.7	113.8	128.5	129.7	136.8	142.3	147.2	143.7	137.7	130.6	107.2	116.2	128.5	147.2
	2017	114.5	113.4	116.6	126.0	139.1	138.9	148.0	147.0	141.7	124.7	127.9	108.1	116.6	148.0
	2018	95.5	111.5	115.8	123.7	118.0	134.7	145.0	140.1	134.2	125.9	122.4	113.8	127.9	145.0
	2019	112.1	119.8	118.6	126.3	133.2	142.6	146.7	143.7	134.2	131.5	121.0	109.7	122.4	146.7
	2020	114.5	121.8	119.9	121.6	124.3	140.7	142.4	142.8	139.1	126.4	111.9	105.7	121.8	142.8
Projected	2021	105.9	109.5	109.0	119.1	125.2	132.0	136.9	135.1	128.8	121.2	107.4	107.3	111.9	136.9
	2022	107.5	111.2	109.8	119.9	126.1	133.0	137.9	136.0	129.7	122.1	108.2	108.0	111.2	137.9
	2023	108.2	111.9	111.3	121.6	127.8	134.8	139.8	137.9	131.5	123.8	109.7	109.6	111.9	139.8
	2024	109.8	113.5	113.0	123.4	129.8	136.8	141.9	140.0	133.5	125.7	111.4	112.1	113.5	141.9
	2025	112.3	116.1	114.3	124.8	131.2	138.3	143.4	141.5	134.9	127.0	112.6	113.1	116.1	143.4
	2026	113.3	117.2	115.1	125.6	132.1	139.2	144.4	142.4	135.8	127.9	113.4	113.9	117.2	144.4
	2027	114.2	118.0	115.9	126.4	133.0	140.1	145.3	143.3	136.6	128.7	114.2	113.9	118.0	145.3
	2028	114.1	118.0	116.6	127.2	133.8	140.9	146.1	144.2	137.4	129.5	114.9	115.4	118.0	146.1
	2029	115.7	119.6	117.4	128.0	134.6	141.8	147.0	145.0	138.2	130.3	115.7	116.2	119.6	147.0
	2030	116.4	120.3	118.1	128.8	135.4	142.6	147.8	145.8	139.0	131.1	116.4	116.9	120.3	147.8
Projected	2031	117.1	121.1	118.8	129.5	136.2	143.4	148.7	146.7	139.8	131.9	117.1	116.8	121.1	148.7
	2032	117.0	121.0	119.7	130.4	137.1	144.3	149.7	147.7	140.8	132.8	117.9	118.4	121.0	149.7
	2033	118.6	122.7	120.5	131.3	138.1	145.3	150.7	148.7	141.7	133.7	118.8	119.3	122.7	150.7
	2034	119.5	123.5	121.4	132.3	139.1	146.4	151.8	149.7	142.7	134.7	119.6	120.1	123.5	151.8
	2035	120.3	124.4	122.3	133.2	140.1	147.4	152.8	150.8	143.7	135.6	120.5	120.1	124.4	152.8
	2036	120.3	124.4	123.2	134.2	141.1	148.4	153.9	151.8	144.7	136.6	121.4	121.8	124.4	153.9
	2037	122.0	126.1	124.0	135.1	142.0	149.4	154.9	152.8	145.7	137.5	122.2	122.5	126.1	154.9
	2038	122.8	126.9	124.8	135.9	142.9	150.3	155.9	153.8	146.6	138.4	123.0	123.3	126.9	155.9
	2039	123.5	127.7	125.6	136.7	143.8	151.2	156.8	154.7	147.4	139.2	123.8	123.2	127.7	156.8
	2040	123.4	127.6	126.4	137.6	144.7	152.1	157.7	155.6	148.3	140.1	124.6	125.3	127.6	157.7

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	70.8%	73.1%	64.7%	72.3%	72.7%	73.9%	75.1%	75.3%	75.0%	67.9%	70.6%	70.8%	73.7%	61.1%
	2012	71.4%	69.3%	71.6%	67.7%	70.4%	72.5%	73.0%	75.0%	73.1%	71.2%	71.2%	67.9%	76.1%	62.1%
	2013	72.5%	67.1%	59.9%	69.3%	69.2%	72.6%	71.2%	73.5%	72.4%	70.6%	69.8%	71.9%	74.1%	61.9%
	2014	66.3%	70.4%	66.1%	67.9%	73.7%	72.3%	74.0%	75.3%	69.6%	69.5%	63.7%	66.9%	75.1%	61.0%
	2015	66.0%	64.2%	68.4%	68.5%	71.8%	72.4%	74.4%	74.6%	71.2%	70.7%	69.5%	68.2%	74.2%	60.7%
	2016	57.9%	62.3%	64.9%	65.5%	69.2%	74.0%	75.1%	74.0%	71.8%	68.8%	70.8%	70.5%	69.9%	62.1%
	2017	65.5%	68.5%	65.9%	67.2%	68.9%	74.9%	74.3%	73.5%	46.5%	69.9%	59.2%	65.0%	73.8%	59.0%
	2018	68.3%	71.2%	62.0%	67.8%	70.5%	72.8%	73.6%	73.9%	72.9%	73.1%	66.9%	64.2%	67.6%	58.8%
	2019	61.6%	67.4%	66.6%	68.8%	72.8%	75.3%	74.0%	73.3%	71.6%	72.7%	64.8%	67.3%	73.5%	61.2%
	2020	63.2%	63.2%	65.3%	69.7%	65.6%	71.8%	72.3%	75.6%	71.8%	66.2%	65.0%	65.0%	70.8%	61.7%
Projected	2021	63.5%	64.1%	68.7%	68.6%	70.0%	71.7%	71.2%	72.3%	72.8%	71.0%	69.4%	65.0%	74.2%	60.3%
	2022	63.5%	64.1%	69.1%	68.7%	69.9%	71.6%	71.3%	72.3%	72.8%	71.0%	69.3%	64.9%	75.3%	60.6%
	2023	63.5%	64.1%	68.7%	68.4%	69.8%	71.4%	71.2%	72.4%	73.0%	71.2%	69.8%	65.4%	75.8%	60.4%
	2024	63.9%	63.1%	69.0%	68.6%	69.8%	71.5%	71.2%	72.3%	73.0%	71.2%	69.7%	65.0%	76.0%	60.6%
	2025	63.4%	64.1%	69.2%	68.8%	69.9%	71.6%	71.2%	72.3%	72.9%	71.1%	69.6%	65.0%	75.2%	60.7%
	2026	63.4%	64.0%	69.3%	68.8%	70.0%	71.6%	71.2%	72.3%	72.9%	71.1%	69.5%	65.0%	75.0%	60.8%
	2027	63.4%	64.0%	69.3%	68.9%	70.0%	71.6%	71.2%	72.3%	72.9%	71.1%	69.5%	65.4%	74.9%	60.8%
	2028	63.8%	63.0%	69.3%	68.8%	70.0%	71.6%	71.2%	72.3%	72.9%	71.1%	69.5%	65.0%	75.5%	60.9%
	2029	63.4%	64.0%	69.3%	68.8%	70.0%	71.6%	71.2%	72.3%	72.9%	71.0%	69.4%	64.9%	74.9%	60.8%
	2030	63.4%	64.0%	69.2%	68.8%	70.0%	71.6%	71.2%	72.3%	72.9%	71.0%	69.4%	64.9%	74.8%	60.8%
Avg.	2011-2020	66.4%	67.7%	65.5%	68.5%	70.5%	73.2%	73.7%	74.4%	69.6%	70.1%	67.2%	67.8%	72.9%	60.9%
	2021-2030	63.5%	63.9%	69.1%	68.7%	69.9%	71.6%	71.2%	72.3%	72.9%	71.1%	69.5%	65.0%	75.2%	60.7%

FMPA 2021 Load Forecast - Mild Weather Case

Keys Energy

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	82.2	68.3	107.3	121.7	118.4	132.0	132.1	134.8	122.6	118.3	104.2	90.4	76.9	134.8
	2012	80.6	76.0	104.5	113.9	128.6	128.3	136.7	133.8	120.6	120.3	90.4	65.1	80.6	136.7
	2013	63.7	73.2	70.6	119.2	125.6	128.1	112.3	129.6	126.1	120.4	114.5	107.2	70.6	129.6
	2014	75.0	61.9	95.0	123.5	114.2	127.8	132.9	132.7	119.7	125.3	59.4	64.4	75.0	132.7
	2015	65.6	89.9	112.1	122.1	130.4	130.0	139.0	123.9	140.4	126.1	123.7	119.5	89.9	130.0
	2016	74.6	72.5	118.7	123.6	111.8	131.4	140.6	141.2	127.9	129.6	105.0	107.9	123.7	140.6
	2017	67.4	112.6	112.6	124.7	135.8	134.1	139.8	140.7	140.2	121.3	100.5	62.9	112.6	140.7
	2018	75.6	106.0	108.1	112.7	107.7	125.6	135.2	135.2	133.4	122.4	114.3	61.2	75.6	135.2
	2019	73.2	119.2	117.7	114.1	114.5	142.3	142.8	138.5	134.2	125.9	120.2	103.0	114.3	142.3
	2020	78.9	114.8	110.2	109.2	116.5	136.4	139.5	131.1	135.9	123.1	102.1	83.1	110.2	136.4
Projected	2021	73.6	86.6	97.3	112.1	117.0	126.4	129.4	128.1	123.7	118.0	98.0	84.4	73.6	128.1
	2022	74.7	88.0	98.0	112.9	117.8	127.3	130.4	129.0	124.6	118.9	98.7	84.9	74.7	129.0
	2023	75.2	88.6	99.4	114.5	119.4	129.1	132.1	130.8	126.3	120.5	100.1	86.2	75.2	130.8
	2024	76.3	89.8	100.9	116.3	121.3	131.0	134.1	132.8	128.2	122.4	101.6	88.1	76.3	132.8
	2025	78.0	91.9	102.0	117.5	122.6	132.4	135.6	134.2	129.5	123.7	102.7	88.9	78.0	134.2
	2026	78.7	92.7	102.8	118.3	123.4	133.3	136.5	135.1	130.4	124.6	103.5	89.6	78.7	135.1
	2027	79.3	93.4	103.4	119.1	124.2	134.1	137.3	135.9	131.2	125.3	104.2	89.5	79.3	135.9
	2028	79.3	93.4	104.1	119.8	125.0	134.9	138.1	136.7	132.0	126.1	104.9	90.7	79.3	136.7
	2029	80.4	94.6	104.8	120.5	125.8	135.7	138.9	137.5	132.8	126.9	105.5	91.3	80.4	137.5
	2030	80.9	95.2	105.4	121.3	126.5	136.5	139.7	138.3	133.5	127.7	106.2	91.9	80.9	138.3
Projected	2031	81.4	95.8	106.1	122.0	127.3	137.3	140.6	139.1	134.3	128.4	106.9	91.8	81.4	139.1
	2032	81.3	95.7	106.8	122.8	128.1	138.2	141.5	140.0	135.2	129.3	107.6	93.1	81.3	140.0
	2033	82.4	97.1	107.6	123.7	129.0	139.1	142.5	141.0	136.1	130.2	108.4	93.7	82.4	141.0
	2034	83.0	97.8	108.4	124.6	130.0	140.1	143.5	142.0	137.1	131.1	109.2	94.4	83.0	142.0
	2035	83.6	98.5	109.2	125.4	130.9	141.1	144.5	143.0	138.0	132.1	110.0	94.4	83.6	143.0
	2036	83.6	98.5	110.0	126.3	131.8	142.1	145.5	144.0	139.0	133.0	110.7	95.7	83.6	144.0
	2037	84.8	99.8	110.7	127.2	132.7	143.0	146.4	144.9	139.9	133.9	111.5	96.3	84.8	144.9
	2038	85.3	100.5	111.4	128.0	133.5	143.9	147.3	145.8	140.7	134.7	112.2	96.9	85.3	145.8
	2039	85.8	101.1	112.1	128.8	134.3	144.7	148.2	146.7	141.6	135.6	113.0	96.8	85.8	146.7
	2040	85.8	101.0	112.8	129.5	135.1	145.6	149.1	147.5	142.4	136.4	113.7	98.5	85.8	147.5

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	87.2%	69.3%	92.0%	97.3%	92.5%	98.3%	94.5%	97.9%	93.8%	98.2%	97.6%	90.2%	65.9%	96.5%
	2012	83.2%	68.9%	93.4%	95.8%	99.7%	96.5%	99.7%	98.1%	94.0%	97.1%	95.3%	61.0%	72.0%	99.7%
	2013	61.6%	64.8%	60.9%	94.9%	99.6%	95.5%	82.5%	95.6%	97.3%	94.1%	99.9%	99.4%	60.9%	95.2%
	2014	69.7%	54.9%	82.5%	99.7%	92.5%	96.0%	92.1%	93.3%	87.9%	98.6%	53.5%	60.6%	65.2%	92.0%
	2015	60.0%	81.6%	90.4%	88.6%	100.0%	92.5%	94.7%	85.3%	98.6%	96.4%	96.6%	96.0%	72.5%	88.6%
	2016	60.8%	63.7%	92.4%	95.3%	81.7%	92.4%	95.5%	98.3%	92.9%	99.2%	98.0%	92.9%	96.3%	95.5%
	2017	58.9%	99.3%	96.6%	99.0%	97.7%	96.5%	94.5%	95.7%	98.9%	97.3%	78.6%	58.2%	96.6%	95.1%
	2018	79.2%	95.0%	93.4%	91.1%	91.2%	93.3%	93.2%	96.6%	99.4%	97.2%	93.4%	53.8%	59.1%	93.2%
	2019	65.3%	99.5%	99.2%	90.4%	85.9%	99.8%	97.4%	96.4%	100.0%	95.7%	99.3%	93.9%	93.4%	97.0%
	2020	68.9%	94.3%	91.9%	89.8%	93.7%	97.0%	98.0%	91.8%	97.7%	97.4%	91.2%	78.6%	90.5%	95.6%
Projected	2021	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.1%	97.4%	91.2%	78.6%	65.7%	93.6%
	2022	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.0%	97.4%	91.2%	78.6%	67.2%	93.6%
	2023	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.0%	97.4%	91.2%	78.6%	67.2%	93.6%
	2024	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.0%	97.4%	91.2%	78.6%	67.2%	93.6%
	2025	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.0%	97.4%	91.2%	78.6%	67.2%	93.6%
	2026	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.8%	96.0%	97.4%	91.2%	78.6%	67.2%	93.6%
	2027	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.8%	96.0%	97.4%	91.2%	78.6%	67.2%	93.6%
	2028	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.8%	96.0%	97.4%	91.2%	78.6%	67.2%	93.6%
	2029	69.5%	79.1%	89.3%	94.2%	93.4%	95.7%	94.5%	94.8%	96.0%	97.4%	91.2%	78.6%	67.2%	93.6%
	2030	69.5%	79.1%	89.3%	94.2%	93.4%	95.7%	94.5%	94.8%	96.0%	97.4%	91.2%	78.6%	67.2%	93.6%
	2011-2020	69.5%	79.1%	89.3%	94.2%	93.5%	95.8%	94.2%	94.9%	96.1%	97.1%	90.4%	78.5%	77.2%	94.8%
	2021-2030	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.0%	97.4%	91.2%	78.6%	67.0%	93.6%

FMPA 2021 Load Forecast - Mild Weather Case - Keys

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service						Navy		Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	327,810		24,480		13,391		307,356		4,043		76.0		60,740		3,897		699,803		47,552	6.4%	747,355	
	2012	328,870	0.3%	24,669	0.8%	13,331	-0.4%	313,658	2.1%	4,149	2.6%	75.6	-0.6%	59,646	-1.8%	3,461	-11.2%	705,634	0.8%	39,488	5.3%	745,122	-0.3%
	2013	326,921	-0.6%	24,821	0.6%	13,171	-1.2%	309,858	-1.2%	4,203	1.3%	73.7	-2.5%	55,799	-6.4%	2,934	-15.2%	695,513	-1.4%	42,490	5.8%	738,003	-1.0%
	2014	355,491	8.7%	25,122	1.2%	14,150	7.4%	316,879	2.3%	4,206	0.1%	75.3	2.2%	51,776	-7.2%	2,850	-2.9%	726,995	4.5%	43,425	5.6%	770,420	4.4%
	2015	358,733	0.9%	25,394	1.1%	14,127	-0.2%	316,208	-0.2%	4,250	1.0%	74.4	-1.2%	52,303	1.0%	2,832	-0.6%	730,075	0.4%	49,697	6.4%	779,772	1.2%
	2016	373,053	4.0%	25,553	0.6%	14,599	3.3%	323,965	2.5%	4,333	1.9%	74.8	0.5%	52,594	0.6%	2,925	3.3%	752,537	3.1%	47,604	5.9%	800,141	2.6%
	2017	361,482	-3.1%	25,643	0.4%	14,097	-3.4%	321,231	-0.8%	4,446	2.6%	72.3	-3.4%	51,352	-2.4%	2,545	-13.0%	736,610	-2.1%	27,720	3.6%	764,330	-4.5%
	2018	341,600	-5.5%	25,642	0.0%	13,322	-5.5%	294,322	-8.4%	4,507	1.4%	65.3	-9.6%	47,622	-7.3%	2,810	10.4%	686,353	-6.8%	60,278	8.1%	746,631	-2.3%
	2019	376,615	10.3%	25,895	1.0%	14,544	9.2%	319,964	8.7%	4,405	-2.3%	72.6	11.2%	45,492	-4.5%	2,260	-19.6%	744,331	8.4%	42,267	5.4%	786,598	5.4%
	2020	386,191	2.5%	26,251	1.4%	14,712	1.2%	294,631	-7.9%	4,489	1.9%	65.6	-9.6%	40,305	-11.4%	2,149	-4.9%	723,277	-2.8%	48,262	6.3%	771,538	-1.9%
Projected	2021	357,217	-7.5%	26,388	0.5%	13,537	-8.0%	286,496	-2.8%	4,519	0.7%	63.4	-3.4%	38,936	-3.4%	2,400	11.7%	685,049	-5.3%	38,827	5.4%	723,876	-6.2%
	2022	358,127	0.3%	26,431	0.2%	13,549	0.1%	291,054	1.6%	4,536	0.4%	64.2	1.2%	38,781	-0.4%	2,376	-1.0%	690,338	0.8%	42,599	5.8%	732,937	1.3%
	2023	359,079	0.3%	26,504	0.3%	13,548	0.0%	296,907	2.0%	4,553	0.4%	65.2	1.6%	39,122	0.9%	2,352	-1.0%	697,460	1.0%	43,069	5.8%	740,529	1.0%
	2024	359,877	0.2%	26,576	0.3%	13,541	-0.1%	307,851	3.7%	4,571	0.4%	67.3	3.3%	40,002	2.2%	2,329	-1.0%	710,059	1.8%	44,464	5.9%	754,523	1.9%
	2025	360,389	0.1%	26,646	0.3%	13,525	-0.1%	315,964	2.6%	4,588	0.4%	68.9	2.2%	40,624	1.6%	2,305	-1.0%	719,281	1.3%	44,377	5.8%	763,658	1.2%
	2026	360,988	0.2%	26,713	0.3%	13,514	-0.1%	321,110	1.6%	4,606	0.4%	69.7	1.2%	40,987	0.9%	2,282	-1.0%	725,367	0.8%	44,736	5.8%	770,103	0.8%
	2027	362,094	0.3%	26,777	0.2%	13,523	0.1%	324,861	1.2%	4,623	0.4%	70.3	0.8%	41,190	0.5%	2,260	-1.0%	730,405	0.7%	45,045	5.8%	775,450	0.7%
	2028	363,839	0.5%	26,839	0.2%	13,556	0.3%	327,781	0.9%	4,640	0.4%	70.6	0.5%	41,304	0.3%	2,237	-1.0%	735,161	0.7%	46,005	5.9%	781,167	0.7%
	2029	366,229	0.7%	26,899	0.2%	13,615	0.4%	330,091	0.7%	4,656	0.4%	70.9	0.3%	41,368	0.2%	2,215	-1.0%	739,903	0.6%	45,629	5.8%	785,531	0.6%
	2030	368,886	0.7%	26,956	0.2%	13,685	0.5%	332,036	0.6%	4,672	0.3%	71.1	0.2%	41,403	0.1%	2,192	-1.0%	744,517	0.6%	45,913	5.8%	790,430	0.6%
	2031	371,734	0.8%	27,011	0.2%	13,762	0.6%	333,789	0.5%	4,688	0.3%	71.2	0.2%	41,423	0.0%	2,171	-1.0%	749,116	0.6%	46,196	5.8%	795,312	0.6%
	2032	374,859	0.8%	27,065	0.2%	13,850	0.6%	335,627	0.6%	4,703	0.3%	71.4	0.2%	41,434	0.0%	2,149	-1.0%	754,068	0.7%	47,190	5.9%	801,258	0.7%
	2033	378,307	0.9%	27,116	0.2%	13,951	0.7%	337,480	0.6%	4,718	0.3%	71.5	0.2%	41,440	0.0%	2,127	-1.0%	759,354	0.7%	46,831	5.8%	806,185	0.6%
	2034	382,046	1.0%	27,166	0.2%	14,063	0.8%	339,267	0.5%	4,732	0.3%	71.7	0.2%	41,444	0.0%	2,106	-1.0%	764,863	0.7%	47,172	5.8%	812,035	0.7%
	2035	385,853	1.0%	27,214	0.2%	14,178	0.8%	341,009	0.5%	4,746	0.3%	71.8	0.2%	41,446	0.0%	2,085	-1.0%	770,393	0.7%	47,513	5.8%	817,905	0.7%
	2036	389,659	1.0%	27,261	0.2%	14,294	0.8%	342,697	0.5%	4,760	0.3%	72.0	0.2%	41,447	0.0%	2,064	-1.0%	775,867	0.7%	48,556	5.9%	824,422	0.8%
	2037	393,444	1.0%	27,306	0.2%	14,409	0.8%	344,253	0.5%	4,773	0.3%	72.1	0.2%	41,448	0.0%	2,043	-1.0%	781,189	0.7%	48,177	5.8%	829,366	0.6%
	2038	397,099	0.9%	27,349	0.2%	14,519	0.8%	345,715	0.4%	4,786	0.3%	72.2	0.2%	41,448	0.0%	2,023	-1.0%	786,285	0.7%	48,491	5.8%	834,776	0.7%
	2039	400,643	0.9%	27,392	0.2%	14,626	0.7%	347,151	0.4%	4,798	0.3%	72.4	0.2%	41,448	0.0%	2,003	-1.0%	791,244	0.6%	48,796	5.8%	840,040	0.6%
	2040	404,135	0.9%	27,433	0.1%	14,732	0.7%	348,559	0.4%	4,810	0.2%	72.5	0.2%	41,448	0.0%	1,983	-1.0%	796,124	0.6%	49,820	5.9%	845,944	0.7%
CAGR	2011-2020		1.8%		0.8%		1.1%		-0.5%		1.2%		-1.6%		-4.5%		-6.4%		0.4%		5.9%		0.4%
	2021-2030		0.4%		0.2%		0.1%		1.7%		0.4%		1.3%		0.7%		-1.0%		0.9%		5.8%		1.0%
	2031-2040		0.9%		0.2%		0.8%		0.5%		0.3%		0.2%		0.0%		-1.0%		0.7%		5.8%		0.7%

CAGR - Compound Average Growth Rate; data under Distribution Losses reflect averages.

FMPA 2021 Load Forecast - Severe Weather Case

Keys Energy

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	747,355	-	745,892	-	-0.2%	76.9	-	85.7	-	11.3%	134.8	-	122.8		-8.9%
	2012	745,122	-0.3%	753,202	1.0%	1.1%	80.6	4.7%	76.9	-10.2%	-4.5%	136.7	1.4%	141.2	15.0%	3.3%
	2013	738,003	-1.0%	753,276	0.0%	2.1%	70.6	-12.3%	75.6	-1.7%	7.1%	129.6	-5.2%	130.1	-7.9%	0.4%
	2014	770,420	4.4%	753,723	0.1%	-2.2%	75.0	6.2%	77.2	2.1%	2.9%	132.7	2.4%	134.9	3.7%	1.7%
	2015	779,772	1.2%	767,942	1.9%	-1.5%	89.9	19.9%	77.9	0.9%	-13.4%	130.0	-2.1%	126.0	-6.6%	-3.1%
	2016	800,141	2.6%	786,510	2.4%	-1.7%	123.7	37.5%	81.7	4.9%	-33.9%	140.6	8.1%	140.0	11.1%	-0.4%
	2017	764,330	-4.5%	740,607	-5.8%	-3.1%	112.6	-8.9%	76.7	-6.0%	-31.9%	140.7	0.1%	136.0	-2.8%	-3.3%
	2018	746,631	-2.3%	741,530	0.1%	-0.7%	75.6	-32.8%	76.2	-0.8%	0.7%	135.2	-3.9%	141.0	3.6%	4.2%
	2019	786,598	5.4%	748,855	1.0%	-4.8%	114.3	51.1%	81.0	6.3%	-29.2%	142.3	5.2%	144.2	2.3%	1.4%
	2020	771,538	-1.9%	747,083	-0.2%	-3.2%	110.2	-3.6%	81.7	0.9%	-25.9%	136.4	-4.1%	133.0	-7.8%	-2.5%
Projected	2021	760,832	-1.4%	760,832	1.8%		78.3	-29.0%	78.3	-4.2%		140.8	3.2%	140.8	5.8%	
	2022			770,105	1.2%				79.5	1.5%				141.8	0.7%	
	2023			777,994	1.0%				80.0	0.6%				143.8	1.4%	
	2024			792,330	1.8%				81.0	1.3%				145.9	1.5%	
	2025			801,684	1.2%				82.8	2.2%				147.5	1.1%	
	2026			808,296	0.8%				83.5	0.9%				148.6	0.7%	
	2027			813,827	0.7%				84.1	0.7%				149.5	0.7%	
	2028			819,764	0.7%				84.1	-0.1%				150.5	0.6%	
	2029			824,373	0.6%				85.2	1.4%				151.5	0.6%	
	2030			829,534	0.6%				85.7	0.6%				152.4	0.6%	
	2031			834,689	0.6%				86.3	0.6%				153.4	0.6%	
	2032			840,943	0.7%				86.2	-0.1%				154.4	0.7%	
	2033			846,188	0.6%				87.4	1.4%				155.6	0.7%	
	2034			852,385	0.7%				88.1	0.7%				156.7	0.7%	
	2035			858,603	0.7%				88.7	0.7%				157.9	0.7%	
	2036			865,475	0.8%				88.7	0.0%				159.0	0.7%	
	2037			870,751	0.6%				90.0	1.4%				160.1	0.7%	
	2038			876,489	0.7%				90.6	0.7%				161.2	0.7%	
	2039			882,073	0.6%				91.1	0.6%				162.2	0.6%	
	2040			888,300	0.7%				91.0	-0.1%				163.2	0.6%	
CAGR [3]	2011-2020		0.4%		0.0%			4.1%		-0.5%			0.1%		0.9%	
	2021-2030				1.0%					1.0%					0.9%	
	2031-2040				0.7%					0.6%					0.7%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Keys Energy

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	747,355	-	747,355	-	116.7	139.7	116.7	139.7	76.9	134.8	76.9	134.8
	2012	745,122	-0.3%	745,122	-0.3%	111.9	137.0	111.9	137.0	80.6	136.7	80.6	136.7
	2013	738,003	-1.0%	738,003	-1.0%	115.9	136.1	115.9	136.1	70.6	129.6	70.6	129.6
	2014	770,420	4.4%	770,420	4.4%	115.1	144.2	115.1	144.2	75.0	132.7	75.0	132.7
	2015	779,772	1.2%	779,772	1.2%	124.0	146.7	124.0	146.7	89.9	130.0	89.9	130.0
	2016	800,141	2.6%	800,141	2.6%	128.5	147.2	128.5	147.2	123.7	140.6	123.7	140.6
	2017	764,330	-4.5%	764,330	-4.5%	116.6	148.0	116.6	148.0	112.6	140.7	112.6	140.7
	2018	746,631	-2.3%	746,631	-2.3%	127.9	145.0	127.9	145.0	75.6	135.2	75.6	135.2
	2019	786,598	5.4%	786,598	5.4%	122.4	146.7	122.4	146.7	114.3	142.3	114.3	142.3
	2020	771,538	-1.9%	789,698	0.4%	121.8	142.8	129.4	155.1	110.2	136.4	81.8	145.8
Projected	2021	760,832	-1.4%	792,806	0.4%	119.7	150.4	129.6	155.3	78.3	140.8	83.0	146.1
	2022	770,105	1.2%	795,595	0.4%	120.6	151.6	130.1	155.9	79.5	141.8	83.4	146.6
	2023	777,994	1.0%	797,545	0.2%	122.2	153.6	130.3	156.2	80.0	143.8	83.6	146.9
	2024	792,330	1.8%	800,095	0.3%	124.1	155.9	130.6	156.5	81.0	145.9	83.2	147.2
	2025	801,684	1.2%	801,224	0.1%	125.4	157.6	130.9	156.9	82.8	147.5	84.0	147.5
	2026	808,296	0.8%	803,244	0.3%	126.3	158.7	131.3	157.3	83.5	148.6	84.2	147.9
	2027	813,827	0.7%	805,483	0.3%	127.1	159.8	131.7	157.7	84.1	149.5	84.4	148.3
	2028	819,764	0.7%	808,563	0.4%	127.9	160.8	132.1	158.2	84.1	150.5	84.1	148.8
	2029	824,373	0.6%	810,306	0.2%	128.8	161.8	132.4	158.7	85.2	151.5	84.9	149.2
	2030	829,534	0.6%	812,755	0.3%	129.6	162.8	132.9	159.2	85.7	152.4	85.2	149.7
	2031	834,689	0.6%	815,817	0.4%	130.4	163.9	133.4	159.8	86.3	153.4	85.5	150.3
	2032	840,943	0.7%	820,050	0.5%	131.3	165.0	134.0	160.6	86.2	154.4	85.3	151.0
	2033	846,188	0.6%	823,138	0.4%	132.2	166.2	134.6	161.3	87.4	155.6	86.2	151.7
	2034	852,385	0.7%	826,939	0.5%	133.2	167.4	135.3	162.1	88.1	156.7	86.6	152.4
	2035	858,603	0.7%	830,632	0.4%	134.2	168.7	135.9	162.8	88.7	157.9	87.0	153.1
	2036	865,475	0.8%	834,939	0.5%	135.2	169.9	136.5	163.5	88.7	159.0	86.8	153.8
	2037	870,751	0.6%	837,819	0.3%	136.1	171.1	137.1	164.2	90.0	160.1	87.8	154.4
	2038	876,489	0.7%	841,284	0.4%	137.0	172.2	137.6	164.9	90.6	161.2	88.1	155.1
	2039	882,073	0.6%	844,652	0.4%	137.9	173.3	138.2	165.6	91.1	162.2	88.5	155.7
	2040	888,300	0.7%			138.8	174.4			91.0	163.2		
CAGR[1]	Historical		0.4%		0.6%	0.5%	0.2%	0.6%	0.6%	4.0%	0.0%	5.1%	0.6%
	1st 10 Prj Yrs		1.0%		0.3%	0.9%	0.9%	0.3%	0.3%	1.0%	0.9%	0.4%	0.3%
	2nd 10 Prj Yrs		0.7%		0.4%	0.7%	0.7%	0.4%	0.4%	0.6%	0.7%	0.4%	0.4%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Keys Energy

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	747,355	-	745,892	-	-0.2%	76.9	-	85.7	-	11.3%	134.8	-	122.8		-8.9%
	2012	745,122	-0.3%	753,202	1.0%	1.1%	80.6	4.7%	76.9	-10.2%	-4.5%	136.7	1.4%	141.2	15.0%	3.3%
	2013	738,003	-1.0%	753,276	0.0%	2.1%	70.6	-12.3%	75.6	-1.7%	7.1%	129.6	-5.2%	130.1	-7.9%	0.4%
	2014	770,420	4.4%	753,723	0.1%	-2.2%	75.0	6.2%	77.2	2.1%	2.9%	132.7	2.4%	134.9	3.7%	1.7%
	2015	779,772	1.2%	767,942	1.9%	-1.5%	89.9	19.9%	77.9	0.9%	-13.4%	130.0	-2.1%	126.0	-6.6%	-3.1%
	2016	800,141	2.6%	786,510	2.4%	-1.7%	123.7	37.5%	81.7	4.9%	-33.9%	140.6	8.1%	140.0	11.1%	-0.4%
	2017	764,330	-4.5%	740,607	-5.8%	-3.1%	112.6	-8.9%	76.7	-6.0%	-31.9%	140.7	0.1%	136.0	-2.8%	-3.3%
	2018	746,631	-2.3%	741,530	0.1%	-0.7%	75.6	-32.8%	76.2	-0.8%	0.7%	135.2	-3.9%	141.0	3.6%	4.2%
	2019	786,598	5.4%	748,855	1.0%	-4.8%	114.3	51.1%	81.0	6.3%	-29.2%	142.3	5.2%	144.2	2.3%	1.4%
	2020	771,538	-1.9%	731,552	-2.3%	-5.2%	110.2	-3.6%	81.7	0.9%	-25.9%	136.4	-4.1%	133.0	-7.8%	-2.5%
Projected	2021	760,482	-1.4%	760,482	4.0%		78.3	-29.0%	78.3	-4.2%		140.7	3.1%	140.7	5.8%	
	2022			769,600	1.2%				79.5	1.5%				141.7	0.7%	
	2023			777,333	1.0%				80.0	0.6%				143.6	1.3%	
	2024			791,492	1.8%				81.0	1.3%				145.7	1.5%	
	2025			800,654	1.2%				82.8	2.2%				147.3	1.0%	
	2026			806,999	0.8%				83.5	0.9%				148.3	0.7%	
	2027			812,239	0.6%				84.1	0.7%				149.2	0.6%	
	2028			817,865	0.7%				84.1	-0.1%				150.0	0.6%	
	2029			822,153	0.5%				85.2	1.4%				150.9	0.6%	
	2030			826,974	0.6%				85.7	0.6%				151.8	0.6%	
	2031			831,908	0.6%				86.3	0.6%				152.7	0.6%	
	2032			837,928	0.7%				86.2	-0.1%				153.7	0.7%	
	2033			842,956	0.6%				87.4	1.4%				154.8	0.7%	
	2034			848,912	0.7%				88.1	0.7%				155.9	0.7%	
	2035			854,964	0.7%				88.7	0.7%				157.0	0.7%	
	2036			861,621	0.8%				88.7	0.0%				158.1	0.7%	
	2037			866,688	0.6%				90.0	1.4%				159.2	0.7%	
	2038			872,183	0.6%				90.6	0.7%				160.2	0.6%	
	2039			877,456	0.6%				91.1	0.6%				161.1	0.6%	
	2040			883,365	0.7%				91.0	-0.1%				162.1	0.6%	
CAGR [3]	2011-2020		0.4%		-0.2%			4.1%		-0.5%			0.1%		0.9%	
	2021-2030				0.9%					1.0%					0.8%	
	2031-2040				0.7%					0.6%					0.7%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Keys Energy

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	747,355	-	745,892	-	-0.2%	116.7	-	73.1%	139.7	-	61.1%
	2012	745,122	-0.3%	753,202	1.0%	1.1%	111.9	-4.1%	76.0%	137.0	-1.9%	62.1%
	2013	738,003	-1.0%	753,276	0.0%	2.1%	115.9	3.6%	72.7%	136.1	-0.7%	61.9%
	2014	770,420	4.4%	753,723	0.1%	-2.2%	115.1	-0.7%	76.4%	144.2	6.0%	61.0%
	2015	779,772	1.2%	767,942	1.9%	-1.5%	124.0	7.7%	71.8%	146.7	1.8%	60.7%
	2016	800,141	2.6%	786,510	2.4%	-1.7%	128.5	3.6%	71.1%	147.2	0.3%	62.1%
	2017	764,330	-4.5%	740,607	-5.8%	-3.1%	116.6	-9.2%	74.8%	148.0	0.6%	59.0%
	2018	746,631	-2.3%	741,530	0.1%	-0.7%	127.9	9.7%	66.6%	145.0	-2.0%	58.8%
	2019	786,598	5.4%	748,855	1.0%	-4.8%	122.4	-4.3%	73.4%	146.7	1.2%	61.2%
	2020	771,538	-1.9%	747,083	-0.2%	-3.2%	121.8	-0.5%	72.3%	142.8	-2.7%	61.7%
Projected	2021	760,482	-1.4%	760,482	1.8%		119.7	-1.7%	72.5%	150.4	5.3%	57.7%
	2022	769,600	1.2%	769,600	1.2%		120.6	0.7%	72.9%	151.4	0.7%	58.0%
	2023	777,333	1.0%	777,333	1.0%		122.2	1.4%	72.6%	153.5	1.3%	57.8%
	2024	791,492	1.8%	791,492	1.8%		124.1	1.5%	72.8%	155.7	1.5%	58.0%
	2025	800,654	1.2%	800,654	1.2%		125.4	1.1%	72.9%	157.4	1.0%	58.1%
	2026	806,999	0.8%	806,999	0.8%		126.3	0.7%	72.9%	158.4	0.7%	58.1%
	2027	812,239	0.6%	812,239	0.6%		127.1	0.7%	72.9%	159.4	0.6%	58.2%
	2028	817,865	0.7%	817,865	0.7%		127.9	0.6%	73.0%	160.3	0.6%	58.2%
	2029	822,153	0.5%	822,153	0.5%		128.8	0.6%	72.9%	161.3	0.6%	58.2%
	2030	826,974	0.6%	826,974	0.6%		129.6	0.6%	72.9%	162.2	0.6%	58.2%
	2031	831,908	0.6%	831,908	0.6%		130.4	0.6%	72.8%	163.2	0.6%	58.2%
	2032	837,928	0.7%	837,928	0.7%		131.3	0.7%	72.9%	164.3	0.7%	58.2%
	2033	842,956	0.6%	842,956	0.6%		132.2	0.7%	72.8%	165.4	0.7%	58.2%
	2034	848,912	0.7%	848,912	0.7%		133.2	0.7%	72.7%	166.6	0.7%	58.2%
	2035	854,964	0.7%	854,964	0.7%		134.2	0.7%	72.7%	167.8	0.7%	58.2%
	2036	861,621	0.8%	861,621	0.8%		135.2	0.7%	72.8%	169.0	0.7%	58.2%
	2037	866,688	0.6%	866,688	0.6%		136.1	0.7%	72.7%	170.1	0.7%	58.2%
	2038	872,183	0.6%	872,183	0.6%		137.0	0.7%	72.7%	171.2	0.6%	58.2%
	2039	877,456	0.6%	877,456	0.6%		137.9	0.6%	72.6%	172.2	0.6%	58.2%
	2040	883,365	0.7%	883,365	0.7%		138.8	0.6%	72.7%	173.2	0.6%	58.2%
CAGR [1]	2011-2020		0.4%		0.0%			0.5%	72.8%		0.2%	60.9%
	2021-2030		0.9%		0.9%			0.9%	72.8%		0.8%	58.1%
	2031-2040		0.7%		0.7%			0.7%	72.7%		0.7%	58.2%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Keys Energy

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	49,625	48,449	56,147	65,165	69,232	71,432	78,079	77,082	70,539	60,811	54,188	52,785	753,536	747,355
	2012	51,397	53,175	59,574	57,998	67,590	69,438	74,466	76,175	67,524	65,601	48,607	53,915	745,460	745,122
	2013	55,836	50,949	51,639	62,662	64,933	70,122	72,098	74,100	67,540	67,252	57,589	57,667	752,389	738,003
	2014	53,092	53,415	56,611	60,541	67,688	69,346	79,381	79,668	68,170	65,644	50,922	52,962	757,440	770,420
	2015	53,715	47,581	63,128	67,941	69,700	73,252	81,282	80,654	72,991	68,760	64,072	63,175	806,252	779,772
	2016	52,882	49,348	62,070	61,116	70,437	75,779	82,211	79,138	71,154	66,855	54,673	60,964	786,625	800,141
	2017	55,757	52,183	57,213	60,944	71,292	74,888	81,754	80,336	47,471	64,871	54,508	52,247	753,464	764,330
	2018	48,532	53,364	53,366	60,374	61,922	70,634	79,380	77,032	70,400	68,516	58,974	54,326	756,820	746,631
	2019	51,368	54,207	58,778	62,591	72,145	77,287	80,821	78,346	69,239	71,166	56,483	54,901	787,332	786,598
	2020	53,841	53,598	58,247	61,066	60,655	72,736	76,588	80,314	71,943	62,284	52,403	52,930	756,606	771,538
Projected	2021	55,239	49,553	55,607	58,805	65,223	74,671	79,992	80,071	73,704	63,937	53,661	53,751	764,214	760,482
	2022	56,080	50,293	56,357	59,313	65,563	75,120	80,577	80,695	74,252	64,389	54,008	54,089	770,735	769,600
	2023	56,420	50,604	56,787	59,897	66,334	75,950	81,611	81,884	75,359	65,525	55,120	55,241	780,733	777,333
	2024	57,534	52,271	57,902	60,984	67,418	77,197	82,808	83,005	76,488	66,463	55,886	56,088	794,043	791,492
	2025	58,349	52,330	58,679	61,778	68,250	78,073	83,682	83,840	77,235	67,102	56,417	56,628	802,363	800,654
	2026	58,851	52,769	59,156	62,271	68,773	78,632	84,254	84,400	77,746	67,551	56,799	57,029	808,231	806,999
	2027	59,244	53,121	59,545	62,682	69,222	79,129	84,775	84,918	78,224	67,970	57,151	57,398	813,379	812,239
	2028	59,614	54,124	59,905	63,063	69,642	79,602	85,281	85,425	78,691	68,379	57,493	57,756	818,974	817,865
	2029	59,986	53,784	60,265	63,443	70,064	80,082	85,799	85,942	79,163	68,784	57,826	58,101	823,237	822,153
	2030	60,348	54,106	60,612	63,807	70,469	80,547	86,302	86,446	79,624	69,193	58,164	58,446	828,066	826,974
Projected	2031	60,714	54,431	60,965	64,178	70,883	81,027	86,825	86,972	80,110	69,615	58,515	58,807	833,041	831,908
	2032	61,102	55,467	61,348	64,584	71,337	81,555	87,401	87,554	80,646	70,078	58,900	59,199	839,168	837,928
	2033	61,521	55,153	61,758	65,015	71,820	82,115	88,013	88,170	81,212	70,565	59,301	59,608	844,254	842,956
	2034	61,962	55,545	62,187	65,466	72,323	82,699	88,650	88,809	81,797	71,074	59,720	60,028	850,258	848,912
	2035	62,413	55,945	62,623	65,921	72,830	83,287	89,290	89,451	82,383	71,570	60,127	60,439	856,279	854,964
	2036	62,855	57,045	63,052	66,371	73,330	83,868	89,921	90,082	82,961	72,064	60,531	60,845	862,925	861,621
	2037	63,291	56,722	63,468	66,804	73,812	84,426	90,527	90,688	83,511	72,529	60,911	61,228	867,916	866,688
	2038	63,704	57,088	63,863	67,217	74,271	84,959	91,107	91,268	84,039	72,974	61,273	61,597	873,360	872,183
	2039	64,102	57,440	64,240	67,612	74,712	85,470	91,664	91,826	84,548	73,409	61,628	61,959	878,607	877,456
	2040	64,493	58,510	64,611	68,000	75,145	85,973	92,213	92,376	85,049	73,837	61,977	62,315	884,499	883,365

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	6.6%	6.4%	7.5%	8.6%	9.2%	9.5%	10.4%	10.2%	9.4%	8.1%	7.2%	7.0%	100.0%
	2012	6.9%	7.1%	8.0%	7.8%	9.1%	9.3%	10.0%	10.2%	9.1%	8.8%	6.5%	7.2%	100.0%
	2013	7.4%	6.8%	6.9%	8.3%	8.6%	9.3%	9.6%	9.8%	9.0%	8.9%	7.7%	7.7%	100.0%
	2014	7.0%	7.1%	7.5%	8.0%	8.9%	9.2%	10.5%	10.5%	9.0%	8.7%	6.7%	7.0%	100.0%
	2015	6.7%	5.9%	7.8%	8.4%	8.6%	9.1%	10.1%	10.0%	9.1%	8.5%	7.9%	7.8%	100.0%
	2016	6.7%	6.3%	7.9%	7.8%	9.0%	9.6%	10.5%	10.1%	9.0%	8.5%	7.0%	7.8%	100.0%
	2017	7.4%	6.9%	7.6%	8.1%	9.5%	9.9%	10.9%	10.7%	6.3%	8.6%	7.2%	6.9%	100.0%
	2018	6.4%	7.1%	7.1%	8.0%	8.2%	9.3%	10.5%	10.2%	9.3%	9.1%	7.8%	7.2%	100.0%
	2019	6.5%	6.9%	7.5%	7.9%	9.2%	9.8%	10.3%	10.0%	8.8%	9.0%	7.2%	7.0%	100.0%
	2020	7.1%	7.1%	7.7%	8.1%	8.0%	9.6%	10.1%	10.6%	9.5%	8.2%	6.9%	7.0%	100.0%
Projected	2021	7.2%	6.5%	7.3%	7.7%	8.5%	9.8%	10.5%	10.5%	9.6%	8.4%	7.0%	7.0%	100.0%
	2022	7.3%	6.5%	7.3%	7.7%	8.5%	9.7%	10.5%	10.5%	9.6%	8.4%	7.0%	7.0%	100.0%
	2023	7.2%	6.5%	7.3%	7.7%	8.5%	9.7%	10.5%	10.5%	9.7%	8.4%	7.1%	7.1%	100.0%
	2024	7.2%	6.6%	7.3%	7.7%	8.5%	9.7%	10.4%	10.5%	9.6%	8.4%	7.0%	7.1%	100.0%
	2025	7.3%	6.5%	7.3%	7.7%	8.5%	9.7%	10.4%	10.4%	9.6%	8.4%	7.0%	7.1%	100.0%
	2026	7.3%	6.5%	7.3%	7.7%	8.5%	9.7%	10.4%	10.4%	9.6%	8.4%	7.0%	7.1%	100.0%
	2027	7.3%	6.5%	7.3%	7.7%	8.5%	9.7%	10.4%	10.4%	9.6%	8.4%	7.0%	7.1%	100.0%
	2028	7.3%	6.6%	7.3%	7.7%	8.5%	9.7%	10.4%	10.4%	9.6%	8.3%	7.0%	7.1%	100.0%
	2029	7.3%	6.5%	7.3%	7.7%	8.5%	9.7%	10.4%	10.4%	9.6%	8.4%	7.0%	7.1%	100.0%
	2030	7.3%	6.5%	7.3%	7.7%	8.5%	9.7%	10.4%	10.4%	9.6%	8.4%	7.0%	7.1%	100.0%
Avg.	2011-2020	6.9%	6.8%	7.5%	8.1%	8.8%	9.5%	10.3%	10.2%	8.8%	8.6%	7.2%	7.3%	100.0%
	2021-2030	7.3%	6.5%	7.3%	7.7%	8.5%	9.7%	10.4%	10.5%	9.6%	8.4%	7.0%	7.1%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Severe Weather Case

Keys Energy

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	94.3	98.6	116.7	125.1	128.0	134.3	139.7	137.6	130.7	120.4	106.7	100.3	116.7	139.7
	2012	96.8	110.2	111.9	118.9	129.0	133.0	137.0	136.5	128.4	123.9	94.8	106.8	111.9	137.0
	2013	103.4	113.0	115.9	125.6	126.2	134.1	136.1	135.5	129.6	128.0	114.6	107.8	115.9	136.1
	2014	107.6	112.8	115.1	123.9	123.4	133.2	144.2	142.2	136.1	127.0	111.0	106.4	115.1	144.2
	2015	109.4	110.3	124.0	137.7	130.5	140.6	146.7	145.2	142.4	130.8	128.0	124.5	124.0	146.7
	2016	122.7	113.8	128.5	129.7	136.8	142.3	147.2	143.7	137.7	130.6	107.2	116.2	128.5	147.2
	2017	114.5	113.4	116.6	126.0	139.1	138.9	148.0	147.0	141.7	124.7	127.9	108.1	116.6	148.0
	2018	95.5	111.5	115.8	123.7	118.0	134.7	145.0	140.1	134.2	125.9	122.4	113.8	127.9	145.0
	2019	112.1	119.8	118.6	126.3	133.2	142.6	146.7	143.7	134.2	131.5	121.0	109.7	122.4	146.7
	2020	114.5	121.8	119.9	121.6	124.3	140.7	142.4	142.8	139.1	126.4	111.9	112.4	121.8	142.8
Projected	2021	112.6	116.5	119.7	130.8	137.5	145.0	150.4	148.3	141.4	133.1	118.0	114.1	119.7	150.4
	2022	114.4	118.2	120.6	131.7	138.5	146.0	151.4	149.4	142.4	134.1	118.8	114.9	120.6	151.4
	2023	115.1	119.0	122.2	133.5	140.3	148.0	153.5	151.4	144.3	135.9	120.4	116.4	122.2	153.5
	2024	116.6	120.6	124.1	135.5	142.5	150.2	155.7	153.7	146.5	137.9	122.3	118.9	124.1	155.7
	2025	119.1	123.2	125.4	136.9	144.0	151.8	157.4	155.3	148.0	139.4	123.6	120.0	125.4	157.4
	2026	120.2	124.3	126.3	137.9	145.0	152.8	158.4	156.3	149.0	140.4	124.5	120.8	126.3	158.4
	2027	121.1	125.2	127.1	138.7	145.9	153.7	159.4	157.3	149.9	141.2	125.3	120.8	127.1	159.4
	2028	121.0	125.1	127.9	139.6	146.8	154.6	160.3	158.2	150.8	142.1	126.1	122.4	127.9	160.3
	2029	122.7	126.8	128.8	140.4	147.7	155.6	161.3	159.1	151.7	143.0	126.9	123.2	128.8	161.3
	2030	123.4	127.6	129.6	141.3	148.6	156.5	162.2	160.1	152.6	143.9	127.7	123.9	129.6	162.2
Projected	2031	124.2	128.4	130.4	142.2	149.5	157.4	163.2	161.0	153.5	144.7	128.5	123.9	130.4	163.2
	2032	124.1	128.3	131.3	143.1	150.5	158.4	164.3	162.1	154.5	145.7	129.4	125.6	131.3	164.3
	2033	125.8	130.1	132.2	144.1	151.5	159.5	165.4	163.2	155.6	146.7	130.3	126.5	132.2	165.4
	2034	126.8	131.1	133.2	145.2	152.7	160.7	166.6	164.4	156.7	147.8	131.3	127.4	133.2	166.6
	2035	127.7	132.0	134.2	146.2	153.8	161.8	167.8	165.6	157.8	148.9	132.3	127.4	134.2	167.8
	2036	127.7	132.0	135.2	147.3	154.9	163.0	169.0	166.7	158.9	150.0	133.2	129.2	135.2	169.0
	2037	129.5	133.9	136.1	148.3	155.9	164.0	170.1	167.8	160.0	151.0	134.1	130.1	136.1	170.1
	2038	130.3	134.8	137.0	149.2	156.9	165.1	171.2	168.9	161.0	151.9	135.0	130.9	137.0	171.2
	2039	131.2	135.6	137.9	150.1	157.9	166.1	172.2	169.9	161.9	152.9	135.9	130.8	137.9	172.2
	2040	131.0	135.5	138.8	151.1	158.9	167.0	173.2	170.9	162.9	153.8	136.7	133.1	138.8	173.2

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	70.8%	73.1%	64.7%	72.3%	72.7%	73.9%	75.1%	75.3%	75.0%	67.9%	70.6%	70.8%	73.7%	61.6%
	2012	71.4%	69.3%	71.6%	67.7%	70.4%	72.5%	73.0%	75.0%	73.1%	71.2%	71.2%	67.9%	76.1%	62.1%
	2013	72.5%	67.1%	59.9%	69.3%	69.2%	72.6%	71.2%	73.5%	72.4%	70.6%	69.8%	71.9%	74.1%	63.1%
	2014	66.3%	70.4%	66.1%	67.9%	73.7%	72.3%	74.0%	75.3%	69.6%	69.5%	63.7%	66.9%	75.1%	60.0%
	2015	66.0%	64.2%	68.4%	68.5%	71.8%	72.4%	74.4%	74.6%	71.2%	70.7%	69.5%	68.2%	74.2%	62.7%
	2016	57.9%	62.3%	64.9%	65.5%	69.2%	74.0%	75.1%	74.0%	71.8%	68.8%	70.8%	70.5%	69.9%	61.0%
	2017	65.5%	68.5%	65.9%	67.2%	68.9%	74.9%	74.3%	73.5%	46.5%	69.9%	59.2%	65.0%	73.8%	58.1%
	2018	68.3%	71.2%	62.0%	67.8%	70.5%	72.8%	73.6%	73.9%	72.9%	73.1%	66.9%	64.2%	67.6%	59.6%
	2019	61.6%	67.4%	66.6%	68.8%	72.8%	75.3%	74.0%	73.3%	71.6%	72.7%	64.8%	67.3%	73.5%	61.3%
	2020	63.2%	63.2%	65.3%	69.7%	65.6%	71.8%	72.3%	75.6%	71.8%	66.2%	65.0%	63.3%	70.9%	60.5%
Projected	2021	65.9%	63.3%	62.4%	62.5%	63.8%	71.5%	71.5%	72.5%	72.4%	64.5%	63.2%	63.3%	72.9%	58.0%
	2022	65.9%	63.3%	62.8%	62.5%	63.6%	71.4%	71.5%	72.6%	72.4%	64.5%	63.1%	63.3%	73.0%	58.1%
	2023	65.9%	63.3%	62.5%	62.3%	63.5%	71.3%	71.5%	72.7%	72.5%	64.8%	63.6%	63.8%	72.9%	58.1%
	2024	66.3%	62.3%	62.7%	62.5%	63.6%	71.4%	71.5%	72.6%	72.5%	64.8%	63.5%	63.4%	73.1%	58.2%
	2025	65.8%	63.2%	62.9%	62.7%	63.7%	71.5%	71.5%	72.6%	72.5%	64.7%	63.4%	63.4%	73.0%	58.2%
	2026	65.8%	63.2%	63.0%	62.7%	63.8%	71.5%	71.5%	72.6%	72.5%	64.7%	63.4%	63.4%	73.1%	58.2%
	2027	65.8%	63.1%	63.0%	62.8%	63.8%	71.5%	71.5%	72.6%	72.5%	64.7%	63.4%	63.9%	73.0%	58.3%
	2028	66.2%	62.2%	62.9%	62.8%	63.8%	71.5%	71.5%	72.6%	72.5%	64.7%	63.3%	63.4%	73.1%	58.3%
	2029	65.7%	63.1%	62.9%	62.7%	63.8%	71.5%	71.5%	72.6%	72.5%	64.7%	63.3%	63.4%	73.0%	58.3%
	2030	65.7%	63.1%	62.9%	62.7%	63.8%	71.5%	71.5%	72.6%	72.5%	64.6%	63.3%	63.4%	73.0%	58.3%
Avg.	2011-2020	66.4%	67.7%	65.5%	68.5%	70.5%	73.2%	73.7%	74.4%	69.6%	70.1%	67.2%	67.6%	72.9%	61.0%
	2021-2030	65.9%	63.0%	62.8%	62.6%	63.7%	71.5%	71.5%	72.6%	72.5%	64.7%	63.3%	63.5%	73.0%	58.2%

FMPA 2021 Load Forecast - Severe Weather Case

Keys Energy

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	82.2	68.3	107.3	121.7	118.4	132.0	132.1	134.8	122.6	118.3	104.2	90.4	76.9	134.8
	2012	80.6	76.0	104.5	113.9	128.6	128.3	136.7	133.8	120.6	120.3	90.4	65.1	80.6	136.7
	2013	63.7	73.2	70.6	119.2	125.6	128.1	112.3	129.6	126.1	120.4	114.5	107.2	70.6	129.6
	2014	75.0	61.9	95.0	123.5	114.2	127.8	132.9	132.7	119.7	125.3	59.4	64.4	75.0	132.7
	2015	65.6	89.9	112.1	122.1	130.4	130.0	139.0	123.9	140.4	126.1	123.7	119.5	89.9	130.0
	2016	74.6	72.5	118.7	123.6	111.8	131.4	140.6	141.2	127.9	129.6	105.0	107.9	123.7	140.6
	2017	67.4	112.6	112.6	124.7	135.8	134.1	139.8	140.7	140.2	121.3	100.5	62.9	112.6	140.7
	2018	75.6	106.0	108.1	112.7	107.7	125.6	135.2	135.2	133.4	122.4	114.3	61.2	75.6	135.2
	2019	73.2	119.2	117.7	114.1	114.5	142.3	142.8	138.5	134.2	125.9	120.2	103.0	114.3	142.3
	2020	78.9	114.8	110.2	109.2	116.5	136.4	139.5	131.1	135.9	123.1	102.1	88.4	110.2	136.4
Projected	2021	78.3	92.1	106.8	123.2	128.5	138.9	142.2	140.7	135.8	129.7	107.6	89.7	78.3	140.7
	2022	79.5	93.6	107.6	124.0	129.4	139.9	143.2	141.7	136.8	130.6	108.4	90.3	79.5	141.7
	2023	80.0	94.2	109.1	125.7	131.1	141.7	145.1	143.6	138.6	132.3	109.9	91.5	80.0	143.6
	2024	81.0	95.4	110.8	127.6	133.1	143.8	147.2	145.7	140.7	134.3	111.5	93.5	81.0	145.7
	2025	82.8	97.5	111.9	128.9	134.5	145.3	148.8	147.3	142.2	135.7	112.7	94.3	82.8	147.3
	2026	83.5	98.4	112.7	129.8	135.4	146.3	149.8	148.3	143.1	136.7	113.5	95.0	83.5	148.3
	2027	84.1	99.1	113.5	130.7	136.3	147.2	150.7	149.2	144.0	137.5	114.3	94.9	84.1	149.2
	2028	84.1	99.0	114.2	131.5	137.1	148.1	151.6	150.0	144.8	138.4	115.0	96.2	84.1	150.0
	2029	85.2	100.4	114.9	132.3	138.0	148.9	152.5	150.9	145.7	139.2	115.8	96.8	85.2	150.9
	2030	85.7	101.0	115.7	133.1	138.8	149.8	153.4	151.8	146.5	140.1	116.5	97.4	85.7	151.8
Projected	2031	86.3	101.6	116.4	133.9	139.7	150.7	154.3	152.7	147.4	140.9	117.2	97.4	86.3	152.7
	2032	86.2	101.5	117.2	134.8	140.6	151.7	155.3	153.7	148.4	141.9	118.0	98.7	86.2	153.7
	2033	87.4	103.0	118.0	135.7	141.6	152.7	156.4	154.8	149.4	142.9	118.9	99.4	87.4	154.8
	2034	88.1	103.7	118.9	136.7	142.6	153.8	157.5	155.9	150.5	143.9	119.8	100.2	88.1	155.9
	2035	88.7	104.5	119.8	137.7	143.7	154.9	158.6	157.0	151.5	145.0	120.7	100.2	88.7	157.0
	2036	88.7	104.5	120.7	138.7	144.7	156.0	159.7	158.1	152.6	146.0	121.5	101.6	88.7	158.1
	2037	90.0	105.9	121.5	139.6	145.7	157.0	160.8	159.2	153.6	147.0	122.4	102.3	90.0	159.2
	2038	90.6	106.6	122.3	140.5	146.6	158.0	161.8	160.2	154.6	147.9	123.2	102.9	90.6	160.2
	2039	91.1	107.3	123.1	141.4	147.5	159.0	162.8	161.1	155.5	148.9	124.0	102.8	91.1	161.1
	2040	91.0	107.2	123.9	142.2	148.4	159.9	163.7	162.1	156.4	149.8	124.8	104.6	91.0	162.1

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	87.2%	69.3%	92.0%	97.3%	92.5%	98.3%	94.5%	97.9%	93.8%	98.2%	97.6%	90.2%	65.9%	96.5%
	2012	83.2%	68.9%	93.4%	95.8%	99.7%	96.5%	99.7%	98.1%	94.0%	97.1%	95.3%	61.0%	72.0%	99.7%
	2013	61.6%	64.8%	60.9%	94.9%	99.6%	95.5%	82.5%	95.6%	97.3%	94.1%	99.9%	99.4%	60.9%	95.2%
	2014	69.7%	54.9%	82.5%	99.7%	92.5%	96.0%	92.1%	93.3%	87.9%	98.6%	53.5%	60.6%	65.2%	92.0%
	2015	60.0%	81.6%	90.4%	88.6%	100.0%	92.5%	94.7%	85.3%	98.6%	96.4%	96.6%	96.0%	72.5%	88.6%
	2016	60.8%	63.7%	92.4%	95.3%	81.7%	92.4%	95.5%	98.3%	92.9%	99.2%	98.0%	92.9%	96.3%	95.5%
	2017	58.9%	99.3%	96.6%	99.0%	97.7%	96.5%	94.5%	95.7%	98.9%	97.3%	78.6%	58.2%	96.6%	95.1%
	2018	79.2%	95.0%	93.4%	91.1%	91.2%	93.3%	93.2%	96.6%	99.4%	97.2%	93.4%	53.8%	59.1%	93.2%
	2019	65.3%	99.5%	99.2%	90.4%	85.9%	99.8%	97.4%	96.4%	100.0%	95.7%	99.3%	93.9%	93.4%	97.0%
	2020	68.9%	94.3%	91.9%	89.8%	93.7%	97.0%	98.0%	91.8%	97.7%	97.4%	91.2%	78.6%	90.5%	95.6%
Projected	2021	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.1%	97.4%	91.2%	78.6%	65.4%	93.6%
	2022	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.1%	97.4%	91.2%	78.6%	65.9%	93.6%
	2023	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.0%	97.4%	91.2%	78.6%	65.4%	93.6%
	2024	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.0%	97.4%	91.2%	78.6%	65.3%	93.6%
	2025	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.0%	97.4%	91.2%	78.6%	66.0%	93.6%
	2026	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.0%	97.4%	91.2%	78.6%	66.1%	93.6%
	2027	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.8%	96.0%	97.4%	91.2%	78.6%	66.2%	93.6%
	2028	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.8%	96.0%	97.4%	91.2%	78.6%	65.7%	93.6%
	2029	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.8%	96.0%	97.4%	91.2%	78.6%	66.2%	93.6%
	2030	69.5%	79.1%	89.3%	94.2%	93.4%	95.7%	94.5%	94.8%	96.0%	97.4%	91.2%	78.6%	66.2%	93.6%
	2011-2020	69.5%	79.1%	89.3%	94.2%	93.5%	95.8%	94.2%	94.9%	96.1%	97.1%	90.4%	78.5%	77.2%	94.8%
	2021-2030	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.0%	97.4%	91.2%	78.6%	65.8%	93.6%

FMPA 2021 Load Forecast - Severe Weather Case - Keys

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

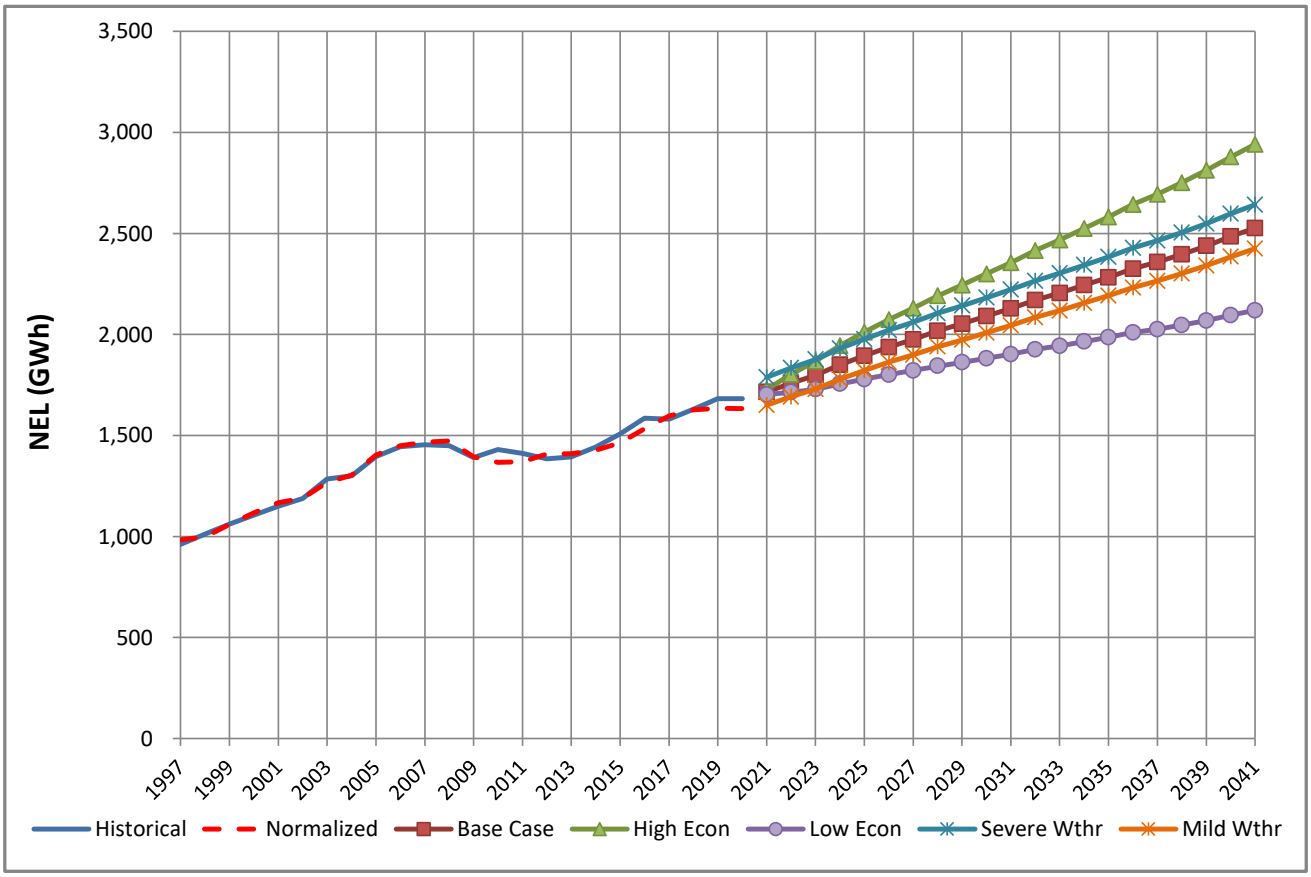
		Residential						General Service						Navy		Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	327,810		24,480		13,391		307,356		4,043		76.0		60,740		3,897		699,803		47,552	6.4%	747,355	
	2012	328,870	0.3%	24,669	0.8%	13,331	-0.4%	313,658	2.1%	4,149	2.6%	75.6	-0.6%	59,646	-1.8%	3,461	-11.2%	705,634	0.8%	39,488	5.3%	745,122	-0.3%
	2013	326,921	-0.6%	24,821	0.6%	13,171	-1.2%	309,858	-1.2%	4,203	1.3%	73.7	-2.5%	55,799	-6.4%	2,934	-15.2%	695,513	-1.4%	42,490	5.8%	738,003	-1.0%
	2014	355,491	8.7%	25,122	1.2%	14,150	7.4%	316,879	2.3%	4,206	0.1%	75.3	2.2%	51,776	-7.2%	2,850	-2.9%	726,995	4.5%	43,425	5.6%	770,420	4.4%
	2015	358,733	0.9%	25,394	1.1%	14,127	-0.2%	316,208	-0.2%	4,250	1.0%	74.4	-1.2%	52,303	1.0%	2,832	-0.6%	730,075	0.4%	49,697	6.4%	779,772	1.2%
	2016	373,053	4.0%	25,553	0.6%	14,599	3.3%	323,965	2.5%	4,333	1.9%	74.8	0.5%	52,594	0.6%	2,925	3.3%	752,537	3.1%	47,604	5.9%	800,141	2.6%
	2017	361,482	-3.1%	25,643	0.4%	14,097	-3.4%	321,231	-0.8%	4,446	2.6%	72.3	-3.4%	51,352	-2.4%	2,545	-13.0%	736,610	-2.1%	27,720	3.6%	764,330	-4.5%
	2018	341,600	-5.5%	25,642	0.0%	13,322	-5.5%	294,322	-8.4%	4,507	1.4%	65.3	-9.6%	47,622	-7.3%	2,810	10.4%	686,353	-6.8%	60,278	8.1%	746,631	-2.3%
	2019	376,615	10.3%	25,895	1.0%	14,544	9.2%	319,964	8.7%	4,405	-2.3%	72.6	11.2%	45,492	-4.5%	2,260	-19.6%	744,331	8.4%	42,267	5.4%	786,598	5.4%
	2020	386,191	2.5%	26,251	1.4%	14,712	1.2%	294,631	-7.9%	4,489	1.9%	65.6	-9.6%	40,305	-11.4%	2,149	-4.9%	723,277	-2.8%	48,262	6.3%	771,538	-1.9%
Projected	2021	382,913	-0.8%	26,388	0.5%	14,511	-1.4%	292,380	-0.8%	4,519	0.7%	64.7	-1.4%	40,012	-0.7%	2,400	11.7%	717,704	-0.8%	43,128	5.7%	760,832	-1.4%
	2022	385,907	0.8%	26,431	0.2%	14,600	0.6%	298,076	1.9%	4,536	0.4%	65.7	1.6%	39,994	0.0%	2,376	-1.0%	726,353	1.2%	43,751	5.7%	770,105	1.2%
	2023	386,922	0.3%	26,504	0.3%	14,599	0.0%	304,123	2.0%	4,553	0.4%	66.8	1.6%	40,351	0.9%	2,352	-1.0%	733,749	1.0%	44,245	5.7%	777,994	1.0%
	2024	387,789	0.2%	26,576	0.3%	14,591	0.0%	315,311	3.7%	4,571	0.4%	69.0	3.3%	41,258	2.2%	2,329	-1.0%	746,686	1.8%	45,644	5.8%	792,330	1.8%
	2025	388,340	0.1%	26,646	0.3%	14,574	-0.1%	323,600	2.6%	4,588	0.4%	70.5	2.2%	41,897	1.6%	2,305	-1.0%	756,143	1.3%	45,541	5.7%	801,684	1.2%
	2026	388,987	0.2%	26,713	0.3%	14,562	-0.1%	328,860	1.6%	4,606	0.4%	71.4	1.2%	42,270	0.9%	2,282	-1.0%	762,400	0.8%	45,896	5.7%	808,296	0.8%
	2027	390,183	0.3%	26,777	0.2%	14,572	0.1%	332,697	1.2%	4,623	0.4%	72.0	0.8%	42,480	0.5%	2,260	-1.0%	767,620	0.7%	46,207	5.7%	813,827	0.7%
	2028	392,068	0.5%	26,839	0.2%	14,608	0.3%	335,683	0.9%	4,640	0.4%	72.4	0.5%	42,597	0.3%	2,237	-1.0%	772,585	0.6%	47,179	5.8%	819,764	0.7%
	2029	394,645	0.7%	26,899	0.2%	14,672	0.4%	338,047	0.7%	4,656	0.4%	72.6	0.3%	42,663	0.2%	2,215	-1.0%	777,569	0.6%	46,804	5.7%	824,373	0.6%
	2030	397,509	0.7%	26,956	0.2%	14,747	0.5%	340,037	0.6%	4,672	0.3%	72.8	0.2%	42,699	0.1%	2,192	-1.0%	782,438	0.6%	47,096	5.7%	829,534	0.6%
	2031	400,580	0.8%	27,011	0.2%	14,830	0.6%	341,832	0.5%	4,688	0.3%	72.9	0.2%	42,719	0.0%	2,171	-1.0%	787,301	0.6%	47,388	5.7%	834,689	0.6%
	2032	403,948	0.8%	27,065	0.2%	14,925	0.6%	343,715	0.6%	4,703	0.3%	73.1	0.2%	42,731	0.0%	2,149	-1.0%	792,542	0.7%	48,400	5.8%	840,943	0.7%
	2033	407,666	0.9%	27,116	0.2%	15,034	0.7%	345,612	0.6%	4,718	0.3%	73.3	0.2%	42,737	0.0%	2,127	-1.0%	798,142	0.7%	48,046	5.7%	846,188	0.6%
	2034	411,697	1.0%	27,166	0.2%	15,155	0.8%	347,442	0.5%	4,732	0.3%	73.4	0.2%	42,740	0.0%	2,106	-1.0%	803,985	0.7%	48,400	5.7%	852,385	0.7%
	2035	415,798	1.0%	27,214	0.2%	15,279	0.8%	349,226	0.5%	4,746	0.3%	73.6	0.2%	42,742	0.0%	2,085	-1.0%	809,852	0.7%	48,751	5.7%	858,603	0.7%
	2036	419,899	1.0%	27,261	0.2%	15,403	0.8%	350,954	0.5%	4,760	0.3%	73.7	0.2%	42,744	0.0%	2,064	-1.0%	815,661	0.7%	49,814	5.8%	865,475	0.8%
	2037	423,978	1.0%	27,306	0.2%	15,527	0.8%	352,547	0.5%	4,773	0.3%	73.9	0.2%	42,745	0.0%	2,043	-1.0%	821,313	0.7%	49,438	5.7%	870,751	0.6%
	2038	427,915	0.9%	27,349	0.2%	15,646	0.8%	354,044	0.4%	4,786	0.3%	74.0	0.2%	42,745	0.0%	2,023	-1.0%	826,727	0.7%	49,763	5.7%	876,489	0.7%
	2039	431,733	0.9%	27,392	0.2%	15,762	0.7%	355,514	0.4%	4,798	0.3%	74.1	0.2%	42,745	0.0%	2,003	-1.0%	831,995	0.6%	50,078	5.7%	882,073	0.6%
	2040	435,496	0.9%	27,433	0.1%	15,875	0.7%	356,956	0.4%	4,810	0.2%	74.2	0.2%	42,745	0.0%	1,983	-1.0%	837,179	0.6%	51,121	5.8%	888,300	0.7%
CAGR	2011-2020		1.8%		0.8%		1.1%		-0.5%		1.2%		-1.6%		-4.5%		-6.4%		0.4%		5.9%		0.4%
	2021-2030		0.4%		0.2%		0.2%		1.7%		0.4%		1.3%		0.7%		-1.0%		1.0%		5.7%		1.0%
	2031-2040		0.9%		0.2%		0.8%		0.5%		0.3%		0.2%		0.0%		-1.0%		0.7%		5.7%		0.7%

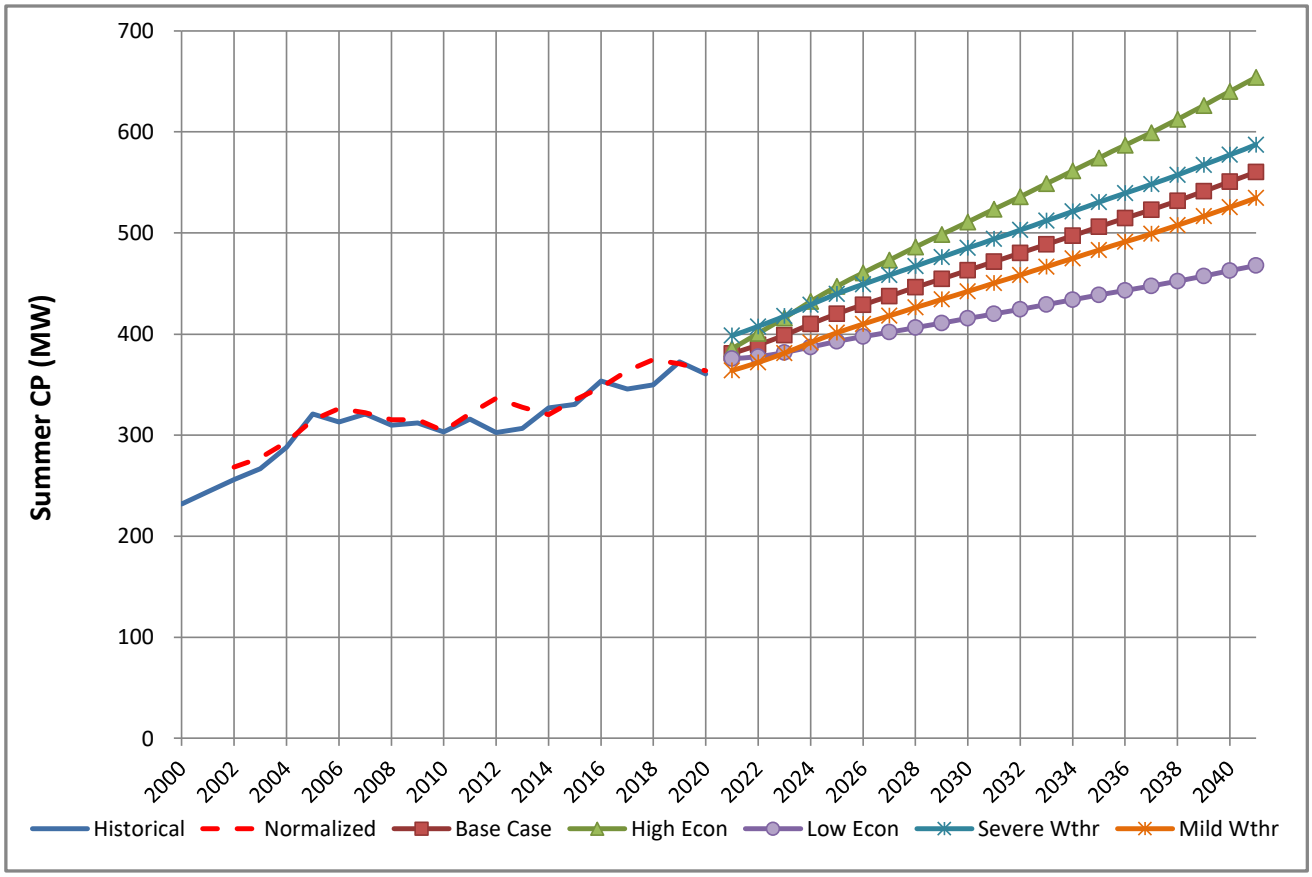
CAGR - Compound Average Growth Rate; data under Distribution Losses reflect averages.

FMPA 2021 Load Forecast

Kissimmee

Historical and Projected NEL and Annual Coincident Peak Demand





FMPA 2021 Load Forecast - Low Economic Case

Kissimmee Utility Auth.

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	1,410,602	-	1,369,867	-	-2.9%	297.8	-	268.3	-	-9.9%	316.0	-	316.7		0.2%
	2012	1,384,319	-1.9%	1,407,870	2.8%	1.7%	245.8	-17.5%	235.6	-12.2%	-4.2%	302.6	-4.2%	333.5	5.3%	10.2%
	2013	1,393,491	0.7%	1,409,290	0.1%	1.1%	242.8	-1.2%	216.5	-8.1%	-10.8%	306.8	1.4%	324.7	-2.6%	5.8%
	2014	1,442,316	3.5%	1,426,705	1.2%	-1.1%	241.4	-0.6%	271.5	25.4%	12.5%	326.9	6.5%	317.4	-2.2%	-2.9%
	2015	1,508,124	4.6%	1,464,205	2.6%	-2.9%	264.5	9.6%	222.6	-18.0%	-15.8%	330.5	1.1%	335.0	5.5%	1.4%
	2016	1,585,494	5.1%	1,533,718	4.7%	-3.3%	275.8	4.3%	249.1	11.9%	-9.7%	353.7	7.0%	347.2	3.6%	-1.8%
	2017	1,580,568	-0.3%	1,597,033	4.1%	1.0%	266.8	-3.2%	249.4	0.1%	-6.5%	345.7	-2.3%	363.8	4.8%	5.2%
	2018	1,629,958	3.1%	1,626,613	1.9%	-0.2%	292.2	9.5%	263.7	5.7%	-9.7%	349.9	1.2%	374.8	3.0%	7.1%
	2019	1,681,579	3.2%	1,634,567	0.5%	-2.8%	290.9	-0.4%	293.2	11.2%	0.8%	372.5	6.5%	370.7	-1.1%	-0.5%
	2020	1,682,173	0.0%	1,633,599	-0.1%	-2.9%	301.5	3.6%	277.5	-5.4%	-8.0%	360.5	-3.2%	363.6	-1.9%	0.9%
Projected	2021	1,703,184	1.2%	1,703,184	4.3%		299.9	-0.5%	299.9	8.1%		375.8	4.2%	375.8	3.4%	
	2022			1,714,499	0.7%				301.6	0.6%				377.7	0.5%	
	2023			1,728,813	0.8%				303.5	0.6%				381.8	1.1%	
	2024			1,755,702	1.6%				306.6	1.0%				387.2	1.4%	
	2025			1,778,379	1.3%				312.3	1.9%				392.7	1.4%	
	2026			1,800,959	1.3%				316.5	1.3%				397.4	1.2%	
	2027			1,821,037	1.1%				320.0	1.1%				401.8	1.1%	
	2028			1,844,414	1.3%				322.4	0.7%				406.4	1.1%	
	2029			1,861,751	0.9%				327.2	1.5%				410.9	1.1%	
	2030			1,881,718	1.1%				330.6	1.0%				415.4	1.1%	
	2031			1,902,315	1.1%				334.2	1.1%				419.9	1.1%	
	2032			1,925,526	1.2%				336.5	0.7%				424.5	1.1%	
	2033			1,943,557	0.9%				341.4	1.4%				429.3	1.1%	
	2034			1,964,638	1.1%				345.1	1.1%				433.9	1.1%	
	2035			1,985,411	1.1%				348.7	1.0%				438.6	1.1%	
	2036			2,009,316	1.2%				351.1	0.7%				443.1	1.0%	
	2037			2,025,595	0.8%				355.8	1.3%				447.5	1.0%	
	2038			2,046,163	1.0%				359.2	1.0%				452.3	1.1%	
	2039			2,068,926	1.1%				363.2	1.1%				457.5	1.1%	
	2040			2,095,356	1.3%				365.9	0.8%				462.6	1.1%	
CAGR [3]	2011-2020		2.0%		2.0%			0.1%		0.4%			1.5%		1.5%	
	2021-2030				1.1%					1.1%					1.1%	
	2031-2040				1.1%					1.0%					1.1%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Kissimmee Utility Auth.

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	1,410,602	-	1,410,602	-	297.8	316.0	297.8	316.0	297.8	316.0	297.8	316.0
	2012	1,384,319	-1.9%	1,384,319	-1.9%	246.5	310.4	246.5	310.4	245.8	302.6	245.8	302.6
	2013	1,393,491	0.7%	1,393,491	0.7%	242.8	314.1	242.8	314.1	242.8	306.8	242.8	306.8
	2014	1,442,316	3.5%	1,442,316	3.5%	250.2	326.9	250.2	326.9	241.4	326.9	241.4	326.9
	2015	1,508,124	4.6%	1,508,124	4.6%	264.5	334.8	264.5	334.8	264.5	330.5	264.5	330.5
	2016	1,585,494	5.1%	1,585,494	5.1%	281.7	353.7	281.7	353.7	275.8	353.7	275.8	353.7
	2017	1,580,568	-0.3%	1,580,568	-0.3%	269.7	352.5	269.7	352.5	266.8	345.7	266.8	345.7
	2018	1,629,958	3.1%	1,629,958	3.1%	298.2	355.6	298.2	355.6	292.2	349.9	292.2	349.9
	2019	1,681,579	3.2%	1,681,579	3.2%	290.9	374.5	290.9	374.5	290.9	372.5	290.9	372.5
	2020	1,682,173	0.0%	1,658,169	-1.4%	306.6	370.8	299.4	369.0	301.5	360.5	290.3	364.9
Projected	2021	1,703,184	1.2%	1,654,498	-0.2%	309.0	379.6	299.1	369.5	299.9	375.8	290.1	365.4
	2022	1,714,499	0.7%	1,662,468	0.5%	310.7	381.5	300.5	371.5	301.6	377.7	291.4	367.4
	2023	1,728,813	0.8%	1,672,960	0.6%	312.7	385.7	302.3	374.0	303.5	381.8	293.1	369.9
	2024	1,755,702	1.6%	1,690,986	1.1%	315.9	391.1	303.7	377.8	306.6	387.2	294.5	373.6
	2025	1,778,379	1.3%	1,706,737	0.9%	321.7	396.7	308.1	382.1	312.3	392.7	298.7	377.8
	2026	1,800,959	1.3%	1,726,174	1.1%	326.0	401.4	311.6	386.4	316.5	397.4	302.2	382.1
	2027	1,821,037	1.1%	1,744,067	1.0%	329.6	405.9	314.9	390.4	320.0	401.8	305.4	386.0
	2028	1,844,414	1.3%	1,764,094	1.1%	332.1	410.6	316.9	394.3	322.4	406.4	307.3	389.9
	2029	1,861,751	0.9%	1,778,303	0.8%	337.0	415.0	321.1	398.1	327.2	410.9	311.4	393.6
	2030	1,881,718	1.1%	1,795,415	1.0%	340.5	419.6	324.1	402.1	330.6	415.4	314.3	397.6
	2031	1,902,315	1.1%	1,814,031	1.0%	344.3	424.2	327.4	406.3	334.2	419.9	317.5	401.8
	2032	1,925,526	1.2%	1,836,095	1.2%	346.7	428.8	329.7	410.7	336.5	424.5	319.7	406.1
	2033	1,943,557	0.9%	1,852,483	0.9%	351.7	433.6	334.3	415.1	341.4	429.3	324.2	410.5
	2034	1,964,638	1.1%	1,871,480	1.0%	355.5	438.3	337.8	419.3	345.1	433.9	327.5	414.7
	2035	1,985,411	1.1%	1,890,240	1.0%	359.2	443.1	341.1	423.6	348.7	438.6	330.7	418.9
	2036	2,009,316	1.2%	1,912,077	1.2%	361.7	447.6	343.3	427.8	351.1	443.1	332.9	423.1
	2037	2,025,595	0.8%	1,927,074	0.8%	366.5	452.0	347.8	431.9	355.8	447.5	337.2	427.1
	2038	2,046,163	1.0%	1,946,175	1.0%	370.1	456.9	351.1	436.4	359.2	452.3	340.4	431.6
	2039	2,068,926	1.1%	1,966,938	1.1%	374.1	462.1	354.8	441.2	363.2	457.5	344.0	436.3
	2040	2,095,356	1.3%			376.9	467.3			365.9	462.6		
CAGR[1]	Historical		2.0%		2.2%	0.3%	1.8%	-0.3%	2.1%	2.6%	2.2%	2.4%	3.0%
	1st 10 Prj Yrs		1.1%		0.8%	1.1%	1.1%	0.8%	0.8%	1.1%	1.1%	0.8%	0.8%
	2nd 10 Prj Yrs		1.1%		1.0%	1.0%	1.1%	1.0%	1.0%	1.0%	1.1%	1.0%	1.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Kissimmee Utility Auth.

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	1,410,602	-	1,369,867	-	-2.9%	297.8	-	268.3	-	-9.9%	316.0	-	316.7		0.2%
	2012	1,384,319	-1.9%	1,407,870	2.8%	1.7%	245.8	-17.5%	235.6	-12.2%	-4.2%	302.6	-4.2%	333.5	5.3%	10.2%
	2013	1,393,491	0.7%	1,409,290	0.1%	1.1%	242.8	-1.2%	216.5	-8.1%	-10.8%	306.8	1.4%	324.7	-2.6%	5.8%
	2014	1,442,316	3.5%	1,426,705	1.2%	-1.1%	241.4	-0.6%	271.5	25.4%	12.5%	326.9	6.5%	317.4	-2.2%	-2.9%
	2015	1,508,124	4.6%	1,464,205	2.6%	-2.9%	264.5	9.6%	222.6	-18.0%	-15.8%	330.5	1.1%	335.0	5.5%	1.4%
	2016	1,585,494	5.1%	1,533,718	4.7%	-3.3%	275.8	4.3%	249.1	11.9%	-9.7%	353.7	7.0%	347.2	3.6%	-1.8%
	2017	1,580,568	-0.3%	1,597,033	4.1%	1.0%	266.8	-3.2%	249.4	0.1%	-6.5%	345.7	-2.3%	363.8	4.8%	5.2%
	2018	1,629,958	3.1%	1,626,613	1.9%	-0.2%	292.2	9.5%	263.7	5.7%	-9.7%	349.9	1.2%	374.8	3.0%	7.1%
	2019	1,681,579	3.2%	1,634,567	0.5%	-2.8%	290.9	-0.4%	293.2	11.2%	0.8%	372.5	6.5%	370.7	-1.1%	-0.5%
	2020	1,682,173	0.0%	1,617,303	-1.1%	-3.9%	301.5	3.6%	277.5	-5.4%	-8.0%	360.5	-3.2%	363.6	-1.9%	0.9%
Projected	2021	1,692,792	0.6%	1,692,792	4.7%		299.9	-0.5%	299.9	8.1%		373.3	3.6%	373.3	2.7%	
	2022			1,699,652	0.4%				301.6	0.6%				374.2	0.2%	
	2023			1,709,836	0.6%				303.5	0.6%				377.3	0.8%	
	2024			1,731,751	1.3%				306.6	1.0%				381.5	1.1%	
	2025			1,746,532	0.9%				312.3	1.9%				385.1	1.0%	
	2026			1,759,940	0.8%				316.5	1.3%				387.6	0.7%	
	2027			1,769,618	0.5%				320.0	1.1%				389.6	0.5%	
	2028			1,781,330	0.7%				322.4	0.7%				391.5	0.5%	
	2029			1,786,194	0.3%				327.2	1.5%				392.9	0.4%	
	2030			1,792,966	0.4%				330.6	1.0%				394.3	0.4%	
	2031			1,800,728	0.4%				334.2	1.1%				395.8	0.4%	
	2032			1,811,857	0.6%				336.5	0.7%				397.5	0.4%	
	2033			1,819,038	0.4%				341.4	1.4%				399.7	0.5%	
	2034			1,829,604	0.6%				345.1	1.1%				401.8	0.5%	
	2035			1,840,338	0.6%				348.7	1.0%				404.1	0.6%	
	2036			1,854,170	0.8%				351.1	0.7%				406.3	0.5%	
	2037			1,860,920	0.4%				355.8	1.3%				408.3	0.5%	
	2038			1,871,777	0.6%				359.2	1.0%				410.8	0.6%	
	2039			1,884,691	0.7%				363.2	1.1%				413.7	0.7%	
	2040			1,900,995	0.9%				365.9	0.8%				416.5	0.7%	
CAGR [3]	2011-2020		2.0%		1.9%			0.1%		0.4%			1.5%		1.5%	
	2021-2030				0.6%					1.1%					0.6%	
	2031-2040				0.6%					1.0%					0.6%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Kissimmee Utility Auth.

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	1,410,602	-	1,369,867	-	-2.9%	297.8	-	54.1%	316.0	-	51.0%
	2012	1,384,319	-1.9%	1,407,870	2.8%	1.7%	246.5	-17.2%	64.1%	310.4	-1.8%	50.9%
	2013	1,393,491	0.7%	1,409,290	0.1%	1.1%	242.8	-1.5%	65.5%	314.1	1.2%	50.6%
	2014	1,442,316	3.5%	1,426,705	1.2%	-1.1%	250.2	3.0%	65.8%	326.9	4.1%	50.4%
	2015	1,508,124	4.6%	1,464,205	2.6%	-2.9%	264.5	5.7%	65.1%	334.8	2.4%	51.4%
	2016	1,585,494	5.1%	1,533,718	4.7%	-3.3%	281.7	6.5%	64.2%	353.7	5.6%	51.2%
	2017	1,580,568	-0.3%	1,597,033	4.1%	1.0%	269.7	-4.3%	66.9%	352.5	-0.3%	51.2%
	2018	1,629,958	3.1%	1,626,613	1.9%	-0.2%	298.2	10.6%	62.4%	355.6	0.9%	52.3%
	2019	1,681,579	3.2%	1,634,567	0.5%	-2.8%	290.9	-2.5%	66.0%	374.5	5.3%	51.3%
	2020	1,682,173	0.0%	1,633,599	-0.1%	-2.9%	306.6	5.4%	62.6%	370.8	-1.0%	51.8%
Projected	2021	1,692,792	0.6%	1,692,792	3.6%		309.0	0.8%	62.5%	377.2	1.7%	51.2%
	2022	1,699,652	0.4%	1,699,652	0.4%		310.7	0.6%	62.4%	378.0	0.2%	51.3%
	2023	1,709,836	0.6%	1,709,836	0.6%		312.7	0.6%	62.4%	381.2	0.8%	51.2%
	2024	1,731,751	1.3%	1,731,751	1.3%		315.9	1.0%	62.6%	385.4	1.1%	51.3%
	2025	1,746,532	0.9%	1,746,532	0.9%		321.7	1.9%	62.0%	389.1	1.0%	51.2%
	2026	1,759,940	0.8%	1,759,940	0.8%		326.0	1.3%	61.6%	391.7	0.7%	51.3%
	2027	1,769,618	0.5%	1,769,618	0.5%		329.6	1.1%	61.3%	393.7	0.5%	51.3%
	2028	1,781,330	0.7%	1,781,330	0.7%		332.1	0.7%	61.2%	395.6	0.5%	51.4%
	2029	1,786,194	0.3%	1,786,194	0.3%		337.0	1.5%	60.5%	397.1	0.4%	51.4%
	2030	1,792,966	0.4%	1,792,966	0.4%		340.5	1.0%	60.1%	398.5	0.4%	51.4%
	2031	1,800,728	0.4%	1,800,728	0.4%		344.3	1.1%	59.7%	400.1	0.4%	51.4%
	2032	1,811,857	0.6%	1,811,857	0.6%		346.7	0.7%	59.7%	401.8	0.4%	51.5%
	2033	1,819,038	0.4%	1,819,038	0.4%		351.7	1.4%	59.0%	404.0	0.5%	51.4%
	2034	1,829,604	0.6%	1,829,604	0.6%		355.5	1.1%	58.7%	406.2	0.5%	51.4%
	2035	1,840,338	0.6%	1,840,338	0.6%		359.2	1.0%	58.5%	408.6	0.6%	51.4%
	2036	1,854,170	0.8%	1,854,170	0.8%		361.7	0.7%	58.5%	410.8	0.5%	51.5%
	2037	1,860,920	0.4%	1,860,920	0.4%		366.5	1.3%	58.0%	412.9	0.5%	51.5%
	2038	1,871,777	0.6%	1,871,777	0.6%		370.1	1.0%	57.7%	415.4	0.6%	51.4%
	2039	1,884,691	0.7%	1,884,691	0.7%		374.1	1.1%	57.5%	418.3	0.7%	51.4%
	2040	1,900,995	0.9%	1,900,995	0.9%		376.9	0.8%	57.6%	421.2	0.7%	51.5%
CAGR [1]	2011-2020		2.0%		2.0%			0.3%	63.7%		1.8%	51.2%
	2021-2030		0.6%		0.6%			1.1%	61.7%		0.6%	51.3%
	2031-2040		0.6%		0.6%			1.0%	58.5%		0.6%	51.4%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Kissimmee Utility Auth.

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	99,949	87,150	96,959	114,800	119,139	136,792	148,878	150,303	135,051	106,394	92,689	94,453	1,382,557	1,410,602
	2012	98,998	91,687	105,713	108,522	129,597	128,011	151,954	145,222	131,080	118,873	90,328	100,484	1,400,469	1,384,319
	2013	96,990	91,621	100,924	110,040	120,175	137,093	140,057	152,823	134,082	123,911	98,852	102,468	1,409,036	1,393,491
	2014	109,914	91,439	99,187	110,495	130,165	135,158	149,881	155,803	135,044	121,145	96,769	104,597	1,439,597	1,442,316
	2015	103,693	96,660	113,854	126,671	140,753	149,474	155,903	153,768	144,838	127,152	118,417	115,346	1,546,528	1,508,124
	2016	108,578	101,700	113,245	116,616	138,131	156,564	174,908	163,529	151,309	129,038	104,268	111,658	1,569,544	1,585,494
	2017	109,483	97,224	111,883	127,009	150,065	147,185	167,510	172,702	152,542	138,906	110,375	114,326	1,599,211	1,580,568
	2018	125,154	109,916	111,569	122,878	136,385	157,417	165,976	171,539	165,517	149,266	121,372	115,408	1,652,396	1,629,958
	2019	116,681	106,266	116,281	128,221	156,605	164,036	173,582	172,266	161,596	155,160	113,613	114,112	1,678,418	1,681,579
	2020	115,574	110,638	132,394	125,558	141,895	161,210	171,359	178,850	161,809	141,418	113,700	122,606	1,677,011	1,682,173
Projected	2021	124,930	110,859	120,875	125,629	150,220	163,402	180,354	177,824	160,975	143,461	114,668	123,089	1,696,287	1,692,792
	2022	125,448	111,334	121,182	125,924	150,494	163,642	180,738	178,285	161,387	143,903	114,958	123,634	1,700,929	1,699,652
	2023	126,053	111,903	121,599	126,498	151,493	164,760	182,221	179,936	162,876	145,324	116,165	125,187	1,714,017	1,709,836
	2024	127,580	115,975	122,987	127,928	153,182	166,613	184,236	181,879	164,695	146,710	117,159	126,703	1,735,647	1,731,751
	2025	129,141	114,651	124,137	129,164	154,751	168,217	186,049	183,637	166,214	147,993	118,027	128,041	1,750,021	1,746,532
	2026	130,480	115,803	124,951	130,037	155,891	169,333	187,321	184,845	167,217	148,819	118,505	129,022	1,762,224	1,759,940
	2027	131,493	116,690	125,444	130,609	156,728	170,150	188,315	185,813	168,031	149,514	118,872	129,958	1,771,617	1,769,618
	2028	132,481	120,341	125,862	131,113	157,510	170,906	189,260	186,728	168,785	150,173	119,181	130,872	1,783,213	1,781,330
	2029	133,442	118,390	126,178	131,506	158,161	171,498	190,016	187,440	169,335	150,679	119,353	131,662	1,787,662	1,786,194
	2030	134,294	119,141	126,397	131,818	158,748	172,041	190,754	188,162	169,917	151,325	119,652	132,587	1,794,836	1,792,966
Projected	2031	135,273	119,986	126,710	132,208	159,405	172,647	191,536	188,902	170,496	151,997	119,971	133,475	1,802,607	1,800,728
	2032	136,226	123,655	127,062	132,643	160,117	173,335	192,418	189,758	171,200	152,784	120,402	134,449	1,814,049	1,811,857
	2033	137,273	121,739	127,551	133,217	160,988	174,214	193,508	190,818	172,095	153,694	120,931	135,498	1,821,525	1,819,038
	2034	138,386	122,707	128,101	133,837	161,892	175,118	194,604	191,868	172,967	154,566	121,430	136,484	1,831,961	1,829,604
	2035	139,446	123,641	128,649	134,468	162,821	176,074	195,779	193,022	173,958	155,533	122,019	137,574	1,842,984	1,840,338
	2036	140,594	127,540	129,246	135,126	163,752	177,004	196,885	194,072	174,826	156,357	122,481	138,501	1,856,382	1,854,170
	2037	141,585	125,499	129,733	135,686	164,582	177,843	197,914	195,071	175,669	157,171	122,949	139,448	1,863,149	1,860,920
	2038	142,614	126,415	130,286	136,329	165,532	178,842	199,149	196,298	176,744	158,192	123,585	140,595	1,874,581	1,871,777
	2039	143,846	127,497	130,994	137,120	166,653	180,016	200,565	197,684	177,944	159,322	124,292	141,803	1,887,737	1,884,691
	2040	145,135	131,606	131,737	137,938	167,795	181,202	201,983	199,059	179,124	160,425	124,972	142,977	1,903,953	1,900,995

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	7.2%	6.3%	7.0%	8.3%	8.6%	9.9%	10.8%	10.9%	9.8%	7.7%	6.7%	6.8%	100.0%
	2012	7.1%	6.5%	7.5%	7.7%	9.3%	9.1%	10.9%	10.4%	9.4%	8.5%	6.4%	7.2%	100.0%
	2013	6.9%	6.5%	7.2%	7.8%	8.5%	9.7%	9.9%	10.8%	9.5%	8.8%	7.0%	7.3%	100.0%
	2014	7.6%	6.4%	6.9%	7.7%	9.0%	9.4%	10.4%	10.8%	9.4%	8.4%	6.7%	7.3%	100.0%
	2015	6.7%	6.3%	7.4%	8.2%	9.1%	9.7%	10.1%	9.9%	9.4%	8.2%	7.7%	7.5%	100.0%
	2016	6.9%	6.5%	7.2%	7.4%	8.8%	10.0%	11.1%	10.4%	9.6%	8.2%	6.6%	7.1%	100.0%
	2017	6.8%	6.1%	7.0%	7.9%	9.4%	9.2%	10.5%	10.8%	9.5%	8.7%	6.9%	7.1%	100.0%
	2018	7.6%	6.7%	6.8%	7.4%	8.3%	9.5%	10.0%	10.4%	10.0%	9.0%	7.3%	7.0%	100.0%
	2019	7.0%	6.3%	6.9%	7.6%	9.3%	9.8%	10.3%	10.3%	9.6%	9.2%	6.8%	6.8%	100.0%
	2020	6.9%	6.6%	7.9%	7.5%	8.5%	9.6%	10.2%	10.7%	9.6%	8.4%	6.8%	7.3%	100.0%
Projected	2021	7.4%	6.5%	7.1%	7.4%	8.9%	9.6%	10.6%	10.5%	9.5%	8.5%	6.8%	7.3%	100.0%
	2022	7.4%	6.5%	7.1%	7.4%	8.8%	9.6%	10.6%	10.5%	9.5%	8.5%	6.8%	7.3%	100.0%
	2023	7.4%	6.5%	7.1%	7.4%	8.8%	9.6%	10.6%	10.5%	9.5%	8.5%	6.8%	7.3%	100.0%
	2024	7.4%	6.7%	7.1%	7.4%	8.8%	9.6%	10.6%	10.5%	9.5%	8.5%	6.8%	7.3%	100.0%
	2025	7.4%	6.6%	7.1%	7.4%	8.8%	9.6%	10.6%	10.5%	9.5%	8.5%	6.7%	7.3%	100.0%
	2026	7.4%	6.6%	7.1%	7.4%	8.8%	9.6%	10.6%	10.5%	9.5%	8.4%	6.7%	7.3%	100.0%
	2027	7.4%	6.6%	7.1%	7.4%	8.8%	9.6%	10.6%	10.5%	9.5%	8.4%	6.7%	7.3%	100.0%
	2028	7.4%	6.7%	7.1%	7.4%	8.8%	9.6%	10.6%	10.5%	9.5%	8.4%	6.7%	7.3%	100.0%
	2029	7.5%	6.6%	7.1%	7.4%	8.8%	9.6%	10.6%	10.5%	9.5%	8.4%	6.7%	7.4%	100.0%
	2030	7.5%	6.6%	7.0%	7.3%	8.8%	9.6%	10.6%	10.5%	9.5%	8.4%	6.7%	7.4%	100.0%
Avg.	2011-2020	7.1%	6.4%	7.2%	7.8%	8.9%	9.6%	10.4%	10.5%	9.6%	8.5%	6.9%	7.1%	100.0%
	2021-2030	7.4%	6.6%	7.1%	7.4%	8.8%	9.6%	10.6%	10.5%	9.5%	8.4%	6.7%	7.3%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Low Economic Case

Kissimmee Utility Auth.

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	266.3	201.6	205.5	271.0	275.6	308.9	309.0	316.0	285.0	244.7	209.1	187.5	297.8	316.0
	2012	246.5	229.6	218.8	256.8	280.1	292.7	306.5	310.4	295.6	281.7	179.0	194.4	246.5	310.4
	2013	186.6	237.7	242.8	247.5	274.7	298.6	300.5	314.1	294.5	275.6	234.7	209.0	242.8	314.1
	2014	250.2	202.2	206.5	279.5	292.2	304.8	309.7	326.9	304.5	282.4	216.3	218.6	250.2	326.9
	2015	200.8	264.5	254.2	270.1	312.0	334.8	325.3	330.4	325.5	293.1	281.7	242.9	264.5	334.8
	2016	244.0	250.9	261.3	292.5	309.6	343.0	353.7	348.8	324.3	298.5	232.0	241.6	281.7	353.7
	2017	224.9	227.4	269.7	319.1	340.0	332.9	351.9	352.5	341.0	321.8	247.6	221.5	269.7	352.5
	2018	298.2	261.6	245.0	268.4	307.3	345.6	343.8	355.6	351.9	335.0	290.9	240.9	298.2	355.6
	2019	230.8	264.2	270.3	293.2	356.1	374.5	362.7	355.8	360.1	324.6	278.2	230.7	290.9	374.5
	2020	254.3	255.7	306.6	316.2	337.7	368.7	359.4	369.5	370.8	323.4	254.9	242.9	306.6	370.8
Projected	2021	309.0	262.1	286.4	310.9	346.0	363.3	369.4	377.2	358.2	330.6	256.4	244.3	309.0	377.2
	2022	310.7	263.6	288.0	311.9	347.2	364.1	370.2	378.0	359.0	331.8	258.0	245.8	310.7	378.0
	2023	312.7	265.2	289.8	314.9	350.6	367.1	373.3	381.2	362.0	334.8	260.6	248.3	312.7	381.2
	2024	315.9	267.9	292.8	318.7	354.9	371.1	377.5	385.4	365.9	338.6	265.4	252.9	315.9	385.4
	2025	321.7	272.9	298.2	322.4	359.1	374.7	381.1	389.1	369.4	342.4	269.0	256.3	321.7	389.1
	2026	326.0	276.5	302.2	325.2	362.4	377.0	383.5	391.7	371.7	345.3	272.0	259.2	326.0	391.7
	2027	329.6	279.6	305.6	327.6	365.2	378.9	385.5	393.7	373.5	347.9	274.0	261.1	329.6	393.7
	2028	332.1	281.7	307.8	330.1	368.1	380.6	387.3	395.6	375.1	350.5	278.1	265.0	332.1	395.6
	2029	337.0	285.9	312.4	332.3	370.7	381.9	388.6	397.1	376.4	352.8	281.0	267.7	337.0	397.1
	2030	340.5	288.8	315.7	334.5	373.3	383.2	390.0	398.5	377.6	355.3	284.1	270.7	340.5	398.5
Projected	2031	344.3	292.0	319.2	336.7	376.0	384.6	391.4	400.1	378.9	357.9	286.0	272.5	344.3	400.1
	2032	346.7	294.0	321.3	339.1	378.8	386.2	393.1	401.8	380.5	360.6	290.1	276.5	346.7	401.8
	2033	351.7	298.3	326.0	341.7	381.9	388.2	395.2	404.0	382.4	363.6	293.3	279.5	351.7	404.0
	2034	355.5	301.5	329.5	344.3	384.9	390.2	397.3	406.2	384.4	366.5	296.3	282.4	355.5	406.2
	2035	359.2	304.7	332.9	347.1	388.1	392.4	399.6	408.6	386.5	369.5	298.4	284.4	359.2	408.6
	2036	361.7	306.8	335.3	349.6	391.1	394.5	401.7	410.8	388.5	372.3	302.4	288.2	361.7	410.8
	2037	366.5	310.9	339.7	352.1	393.9	396.4	403.7	412.9	390.4	375.0	305.3	291.0	366.5	412.9
	2038	370.1	313.9	343.0	354.9	397.2	398.8	406.1	415.4	392.7	378.1	308.7	294.1	370.1	415.4
	2039	374.1	317.3	346.8	358.0	400.8	401.5	408.9	418.3	395.3	381.5	311.0	296.4	374.1	418.3
	2040	376.9	319.7	349.4	361.2	404.4	404.1	411.7	421.2	397.9	384.9	317.8	302.9	376.9	421.2

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	50.4%	64.3%	63.4%	58.8%	58.1%	61.5%	64.8%	63.9%	65.8%	58.4%	61.6%	67.7%	53.0%	50.0%
	2012	54.0%	57.4%	64.9%	58.7%	62.2%	60.7%	66.6%	62.9%	61.6%	56.7%	70.1%	69.5%	64.9%	51.5%
	2013	69.9%	57.4%	55.9%	61.8%	58.8%	63.8%	62.6%	65.4%	63.2%	60.4%	58.5%	65.9%	66.3%	51.2%
	2014	59.1%	67.3%	64.6%	54.9%	59.9%	61.6%	65.0%	64.1%	61.6%	57.7%	62.1%	64.3%	65.7%	50.3%
	2015	69.4%	54.4%	60.2%	65.1%	60.6%	62.0%	64.4%	62.6%	61.8%	58.3%	58.4%	63.8%	66.7%	52.7%
	2016	59.8%	58.2%	58.2%	55.4%	60.0%	63.4%	66.5%	63.0%	64.8%	58.1%	62.4%	62.1%	63.6%	50.7%
	2017	65.4%	63.6%	55.8%	55.3%	59.3%	61.4%	64.0%	65.8%	62.1%	58.0%	61.9%	69.4%	67.7%	51.8%
	2018	56.4%	62.5%	61.2%	63.6%	59.6%	63.3%	64.9%	64.8%	65.3%	59.9%	57.9%	64.4%	63.2%	53.0%
	2019	67.9%	59.9%	57.8%	60.7%	59.1%	60.8%	64.3%	65.1%	62.3%	64.2%	56.7%	66.5%	65.9%	51.2%
	2020	61.1%	62.2%	58.0%	55.2%	56.5%	60.7%	64.1%	65.1%	60.6%	58.8%	62.0%	67.8%	62.4%	51.6%
Projected	2021	54.3%	63.0%	56.7%	56.1%	58.3%	62.5%	65.6%	63.4%	62.4%	58.3%	62.1%	67.7%	62.7%	51.3%
	2022	54.3%	62.9%	56.6%	56.1%	58.3%	62.4%	65.6%	63.4%	62.4%	58.3%	61.9%	67.6%	62.5%	51.4%
	2023	54.2%	62.8%	56.4%	55.8%	58.1%	62.3%	65.6%	63.4%	62.5%	58.3%	61.9%	67.8%	62.6%	51.3%
	2024	54.3%	62.2%	56.5%	55.7%	58.0%	62.3%	65.6%	63.4%	62.5%	58.2%	61.3%	67.3%	62.7%	51.4%
	2025	54.0%	62.5%	55.9%	55.6%	57.9%	62.4%	65.6%	63.4%	62.5%	58.1%	60.9%	67.1%	62.1%	51.3%
	2026	53.8%	62.3%	55.6%	55.5%	57.8%	62.4%	65.6%	63.4%	62.5%	57.9%	60.5%	66.9%	61.7%	51.4%
	2027	53.6%	62.1%	55.2%	55.4%	57.7%	62.4%	65.7%	63.4%	62.5%	57.8%	60.3%	66.9%	61.4%	51.4%
	2028	53.6%	61.4%	55.0%	55.2%	57.5%	62.4%	65.7%	63.4%	62.5%	57.6%	59.5%	66.4%	61.3%	51.5%
	2029	53.2%	61.6%	54.3%	55.0%	57.3%	62.4%	65.7%	63.4%	62.5%	57.4%	59.0%	66.1%	60.5%	51.4%
	2030	53.0%	61.4%	53.8%	54.7%	57.2%	62.4%	65.7%	63.5%	62.5%	57.2%	58.5%	65.8%	60.2%	51.4%
Avg.	2011-2020	61.3%	60.7%	60.0%	58.9%	59.4%	61.9%	64.7%	64.3%	62.9%	59.1%	61.2%	66.1%	63.9%	51.4%
	2021-2030	53.8%	62.2%	55.6%	55.5%	57.8%	62.4%	65.7%	63.4%	62.5%	57.9%	60.6%	67.0%	61.8%	51.4%

FMPA 2021 Load Forecast - Low Economic Case

Kissimmee Utility Auth.

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	266.3	201.6	205.5	266.9	275.6	308.9	298.6	316.0	282.2	243.1	208.8	175.6	297.8	316.0
	2012	245.8	229.6	211.6	249.9	275.5	291.1	302.6	300.1	290.4	277.8	177.1	192.0	245.8	302.6
	2013	165.7	237.7	242.8	235.6	274.7	298.6	298.9	306.8	285.5	268.8	233.0	206.2	242.8	306.8
	2014	241.4	190.5	189.9	278.5	291.0	304.8	295.4	326.9	290.5	280.1	174.1	183.4	241.4	326.9
	2015	188.3	264.5	234.5	264.5	290.7	330.5	306.4	327.5	317.8	289.7	275.8	239.9	264.5	330.5
	2016	242.4	250.9	247.9	288.3	302.1	343.0	353.7	348.8	308.8	298.3	224.5	229.7	275.8	353.7
	2017	215.2	227.4	266.8	319.1	340.0	331.9	339.8	345.7	331.9	313.8	247.6	214.5	266.8	345.7
	2018	292.2	248.6	241.9	261.1	298.0	334.5	339.4	349.9	343.5	335.0	290.9	213.9	292.2	349.9
	2019	228.5	258.1	267.1	288.1	345.1	372.5	362.7	351.8	360.1	323.1	278.2	230.7	290.9	372.5
	2020	254.3	255.7	301.5	287.9	331.6	360.5	359.4	360.5	365.9	319.4	246.1	232.7	301.5	360.5
Projected	2021	299.9	258.6	278.0	302.7	339.4	360.3	363.1	373.3	349.6	326.5	247.5	234.0	299.9	373.3
	2022	301.6	260.1	279.5	303.6	340.5	361.1	363.9	374.2	350.3	327.6	249.1	235.5	301.6	374.2
	2023	303.5	261.7	281.3	306.5	343.8	364.1	366.9	377.3	353.2	330.7	251.6	237.9	303.5	377.3
	2024	306.6	264.4	284.2	310.2	348.0	368.1	371.0	381.5	357.0	334.4	256.3	242.3	306.6	381.5
	2025	312.3	269.3	289.4	313.8	352.1	371.6	374.5	385.1	360.3	338.1	259.7	245.6	312.3	385.1
	2026	316.5	272.9	293.3	316.5	355.3	373.9	376.9	387.6	362.6	341.0	262.6	248.3	316.5	387.6
	2027	320.0	276.0	296.6	318.8	358.1	375.7	378.7	389.6	364.2	343.5	264.6	250.1	320.0	389.6
	2028	322.4	278.0	298.8	321.2	360.9	377.4	380.4	391.5	365.8	346.0	268.5	253.8	322.4	391.5
	2029	327.2	282.1	303.2	323.3	363.4	378.7	381.7	392.9	366.9	348.3	271.3	256.5	327.2	392.9
	2030	330.6	285.1	306.4	325.4	365.9	380.0	383.0	394.3	368.1	350.8	274.3	259.3	330.6	394.3
Projected	2031	334.2	288.2	309.8	327.5	368.5	381.3	384.4	395.8	369.3	353.3	276.1	261.1	334.2	395.8
	2032	336.5	290.2	311.9	329.8	371.2	382.8	386.0	397.5	370.7	356.0	280.1	264.9	336.5	397.5
	2033	341.4	294.4	316.4	332.3	374.2	384.8	388.0	399.7	372.5	358.9	283.2	267.8	341.4	399.7
	2034	345.1	297.6	319.8	334.8	377.2	386.8	390.0	401.8	374.4	361.8	286.1	270.5	345.1	401.8
	2035	348.7	300.7	323.1	337.5	380.3	389.0	392.2	404.1	376.4	364.7	288.1	272.4	348.7	404.1
	2036	351.1	302.8	325.4	339.9	383.2	391.0	394.3	406.3	378.3	367.5	292.0	276.0	351.1	406.3
	2037	355.8	306.8	329.7	342.3	386.0	392.9	396.2	408.3	380.1	370.2	294.8	278.7	355.8	408.3
	2038	359.2	309.8	332.9	345.0	389.2	395.2	398.5	410.8	382.3	373.2	298.0	281.8	359.2	410.8
	2039	363.2	313.2	336.6	348.0	392.7	397.8	401.2	413.7	384.8	376.5	300.3	283.9	363.2	413.7
	2040	365.9	315.5	339.1	351.0	396.2	400.5	403.9	416.5	387.3	379.9	306.9	290.2	365.9	416.5

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	100.0%	100.0%	100.0%	98.5%	100.0%	100.0%	96.6%	100.0%	99.0%	99.3%	99.9%	93.6%	100.0%	100.0%
	2012	99.7%	100.0%	96.7%	97.3%	98.4%	99.5%	98.7%	96.7%	98.2%	98.6%	98.9%	98.8%	99.7%	97.5%
	2013	88.8%	100.0%	100.0%	95.2%	100.0%	100.0%	99.5%	97.7%	96.9%	97.5%	99.3%	98.7%	100.0%	97.7%
	2014	96.5%	94.2%	91.9%	99.7%	99.6%	100.0%	95.4%	100.0%	95.4%	99.2%	80.5%	83.9%	96.5%	100.0%
	2015	93.8%	100.0%	92.3%	97.9%	93.2%	98.7%	94.2%	99.1%	97.6%	98.8%	97.9%	98.8%	100.0%	98.7%
	2016	99.3%	100.0%	94.8%	98.6%	97.6%	100.0%	100.0%	100.0%	95.2%	99.9%	96.8%	95.1%	97.9%	100.0%
	2017	95.7%	100.0%	98.9%	100.0%	100.0%	99.7%	96.6%	98.0%	97.3%	97.5%	100.0%	96.8%	98.9%	98.0%
	2018	98.0%	95.0%	98.7%	97.3%	97.0%	96.8%	98.7%	98.4%	97.6%	100.0%	100.0%	88.8%	98.0%	98.4%
	2019	99.0%	97.7%	98.8%	98.2%	96.9%	99.5%	100.0%	98.9%	100.0%	99.5%	100.0%	100.0%	100.0%	99.5%
	2020	100.0%	100.0%	98.3%	91.0%	98.2%	97.8%	100.0%	97.6%	98.7%	98.8%	96.6%	95.8%	98.3%	97.2%
Projected	2021	97.1%	98.7%	97.1%	97.4%	98.1%	99.2%	98.3%	99.0%	97.6%	98.8%	96.6%	95.8%	97.1%	99.0%
	2022	97.1%	98.7%	97.1%	97.3%	98.1%	99.2%	98.3%	99.0%	97.6%	98.8%	96.6%	95.8%	97.1%	99.0%
	2023	97.1%	98.7%	97.1%	97.3%	98.1%	99.2%	98.3%	99.0%	97.6%	98.8%	96.6%	95.8%	97.1%	99.0%
	2024	97.1%	98.7%	97.1%	97.3%	98.1%	99.2%	98.3%	99.0%	97.6%	98.8%	96.6%	95.8%	97.1%	99.0%
	2025	97.1%	98.7%	97.1%	97.3%	98.1%	99.2%	98.3%	99.0%	97.6%	98.8%	96.6%	95.8%	97.1%	99.0%
	2026	97.1%	98.7%	97.1%	97.3%	98.0%	99.2%	98.3%	99.0%	97.5%	98.7%	96.6%	95.8%	97.1%	99.0%
	2027	97.1%	98.7%	97.1%	97.3%	98.0%	99.2%	98.2%	99.0%	97.5%	98.7%	96.6%	95.8%	97.1%	99.0%
	2028	97.1%	98.7%	97.1%	97.3%	98.0%	99.2%	98.2%	99.0%	97.5%	98.7%	96.6%	95.8%	97.1%	99.0%
	2029	97.1%	98.7%	97.1%	97.3%	98.0%	99.2%	98.2%	98.9%	97.5%	98.7%	96.6%	95.8%	97.1%	98.9%
	2030	97.1%	98.7%	97.1%	97.3%	98.0%	99.1%	98.2%	98.9%	97.5%	98.7%	96.6%	95.8%	97.1%	98.9%
	2011-2020	97.1%	98.7%	97.1%	97.4%	98.1%	99.2%	98.0%	98.6%	97.6%	98.9%	97.0%	95.0%	98.9%	98.7%
	2021-2030	97.1%	98.7%	97.1%	97.3%	98.0%	99.2%	98.3%	99.0%	97.5%	98.7%	96.6%	95.8%	97.1%	99.0%

FMPA 2021 Load Forecast - Low Economic Case - KUA

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service Non-Demand						General Service Demand						Lights		City		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	733,223		53,562		13,689		170,573		8,465		20.2		435,830		846		515		16,149		3,539		1,359,313		51,289	3.6%	1,410,602	
	2012	702,353	-4.2%	54,675	2.1%	12,846	-6.2%	166,918	-2.1%	8,470	0.1%	19.7	-2.2%	437,819	0.5%	862	1.9%	508	-1.4%	16,326	1.1%	4,174	18.0%	1,327,589	-2.3%	56,730	4.1%	1,384,319	-1.9%
	2013	709,471	1.0%	55,713	1.9%	12,734	-0.9%	165,185	-1.0%	8,506	0.4%	19.4	-1.5%	443,065	1.2%	856	-0.6%	517	1.8%	16,616	1.8%	3,414	-18.2%	1,337,750	0.8%	55,741	4.0%	1,393,491	0.7%
	2014	741,059	4.5%	56,781	1.9%	13,051	2.5%	171,701	3.9%	8,634	1.5%	19.9	2.4%	448,067	1.1%	831	-3.0%	540	4.3%	16,769	0.9%	3,414	0.0%	1,381,011	3.2%	61,305	4.3%	1,442,316	3.5%
	2015	785,853	6.0%	58,298	2.7%	13,480	3.3%	178,421	3.9%	8,746	1.3%	20.4	2.6%	457,858	2.2%	833	0.3%	549	1.8%	17,137	2.2%	3,450	1.1%	1,442,719	4.5%	65,406	4.3%	1,508,124	4.6%
	2016	833,290	6.0%	60,178	3.2%	13,847	2.7%	189,100	6.0%	8,885	1.6%	21.3	4.3%	473,045	3.3%	843	1.1%	561	2.2%	17,675	3.1%	3,448	-0.1%	1,516,558	5.1%	68,935	4.3%	1,585,494	5.1%
	2017	827,838	-0.7%	61,988	3.0%	13,355	-3.6%	185,698	-1.8%	8,920	0.4%	20.8	-2.2%	474,636	0.3%	862	2.3%	551	-1.9%	18,096	2.4%	3,441	-0.2%	1,509,708	-0.5%	70,861	4.5%	1,580,568	-0.3%
	2018	864,038	4.4%	64,042	3.3%	13,492	1.0%	189,263	1.9%	9,051	1.5%	20.9	0.4%	487,739	2.8%	875	1.5%	557	1.2%	18,478	2.1%	3,512	2.1%	1,563,030	3.5%	66,928	4.1%	1,629,958	3.1%
	2019	915,636	6.0%	66,750	4.2%	13,717	1.7%	193,485	2.2%	9,247	2.2%	20.9	0.1%	492,400	1.0%	901	2.9%	547	-1.9%	18,912	2.3%	3,303	-6.0%	1,623,736	3.9%	57,843	3.4%	1,681,579	3.2%
	2020	956,188	4.4%	69,349	3.9%	13,788	0.5%	184,116	-4.8%	9,495	2.7%	19.4	-7.3%	467,739	-5.0%	917	1.8%	510	-6.7%	19,475	3.0%	3,225	-2.3%	1,630,743	0.4%	51,430	3.1%	1,682,173	0.0%
Projected	2021	959,018	0.3%	71,440	3.0%	13,424	-2.6%	183,420	-0.4%	9,697	2.1%	18.9	-2.5%	474,891	1.5%	918	0.1%	517	1.4%	19,578	0.5%	3,225	0.0%	1,640,132	0.6%	63,052	3.7%	1,703,184	1.2%
	2022	966,776	0.8%	72,252	1.1%	13,381	-0.3%	183,548	0.1%	9,690	-0.1%	18.9	0.1%	475,018	0.0%	919	0.1%	517	-0.1%	19,578	0.0%	3,225	0.0%	1,648,146	0.5%	66,353	3.9%	1,714,499	0.7%
	2023	974,001	0.7%	73,429	1.6%	13,264	-0.9%	185,063	0.8%	9,715	0.3%	19.1	0.6%	479,989	1.0%	923	0.4%	520	0.6%	19,578	0.0%	3,225	0.0%	1,661,857	0.8%	66,957	3.9%	1,728,813	0.8%
	2024	984,076	1.0%	74,696	1.7%	13,174	-0.7%	188,679	2.0%	9,778	0.7%	19.3	1.3%	489,497	2.0%	927	0.5%	528	1.5%	19,578	0.0%	3,225	0.0%	1,685,055	1.4%	70,647	4.0%	1,755,702	1.6%
	2025	997,492	1.4%	76,007	1.8%	13,124	-0.4%	191,522	1.5%	9,852	0.8%	19.4	0.7%	497,646	1.7%	932	0.5%	534	1.2%	19,578	0.0%	3,225	0.0%	1,709,463	1.4%	68,915	3.9%	1,778,379	1.3%
	2026	1,010,857	1.3%	77,326	1.7%	13,073	-0.4%	193,475	1.0%	9,932	0.8%	19.5	0.2%	504,066	1.3%	936	0.5%	538	0.8%	19,578	0.0%	3,225	0.0%	1,731,202	1.3%	69,757	3.9%	1,800,959	1.3%
	2027	1,023,521	1.3%	78,627	1.7%	13,017	-0.4%	194,924	0.7%	10,016	0.8%	19.5	-0.1%	509,266	1.0%	940	0.4%	542	0.6%	19,578	0.0%	3,225	0.0%	1,750,514	1.1%	70,523	3.9%	1,821,037	1.1%
	2028	1,037,474	1.4%	79,943	1.7%	12,978	-0.3%	196,153	0.6%	10,101	0.8%	19.4	-0.2%	513,796	0.9%	944	0.4%	544	0.5%	19,578	0.0%	3,225	0.0%	1,770,227	1.1%	74,188	4.0%	1,844,414	1.3%
	2029	1,051,645	1.4%	81,267	1.7%	12,941	-0.3%	197,241	0.6%	10,185	0.8%	19.4	-0.3%	517,977	0.8%	948	0.4%	546	0.4%	19,578	0.0%	3,225	0.0%	1,789,667	1.1%	72,085	3.9%	1,861,751	0.9%
	2030	1,065,849	1.4%	82,592	1.6%	12,905	-0.3%	198,231	0.5%	10,268	0.8%	19.3	-0.3%	521,980	0.8%	952	0.4%	548	0.4%	19,578	0.0%	3,225	0.0%	1,808,863	1.1%	72,855	3.9%	1,881,718	1.1%
	2031	1,080,975	1.4%	83,899	1.6%	12,884	-0.2%	199,141	0.5%	10,351	0.8%	19.2	-0.3%	525,756	0.7%	956	0.4%	550	0.3%	19,578	0.0%	3,225	0.0%	1,828,675	1.1%	73,640	3.9%	1,902,315	1.1%
	2032	1,095,969	1.4%	85,165	1.5%	12,869	-0.1%	200,022	0.4%	10,427	0.7%	19.2	-0.3%	529,319	0.7%	960	0.4%	552	0.3%	19,578	0.0%	3,225	0.0%	1,848,113	1.1%	77,412	4.0%	1,925,526	1.2%
	2033	1,111,771	1.4%	86,431	1.5%	12,863	0.0%	200,927	0.5%	10,503	0.7%	19.1	-0.3%	532,830	0.7%	963	0.4%	553	0.3%	19,578	0.0%	3,225	0.0%	1,868,332	1.1%	75,226	3.9%	1,943,557	0.9%
	2034	1,127,741	1.4%	87,699	1.5%	12,859	0.0%	201,820	0.4%	10,580	0.7%	19.1	-0.3%	536,245	0.6%	967	0.4%	555	0.3%	19,578	0.0%	3,225	0.0%	1,888,609	1.1%	76,028	3.9%	1,964,638	1.1%
	2035	1,143,439	1.4%	88,972	1.5%	12,852	-0.1%	202,704	0.4%	10,658	0.7%	19.0	-0.3%	539,639	0.6%	970	0.4%	556	0.3%	19,578	0.0%	3,225	0.0%	1,908,585	1.1%	76,825	3.9%	1,985,411	1.1%
	2036	1,159,200	1.4%	90,239	1.4%	12,846	0.0%	203,576	0.4%	10,737	0.7%	19.0	-0.3%	542,996	0.6%	973	0.3%	558	0.3%	19,578	0.0%	3,225	0.0%	1,928,574	1.0%	80,742	4.0%	2,009,316	1.2%
	2037	1,173,759	1.3%	91,489	1.4%	12,830	-0.1%	204,411	0.4%	10,816	0.7%	18.9	-0.3%	546,269	0.6%	977	0.3%	559	0.3%	19,578	0.0%	3,225	0.0%	1,947,243	1.0%	78,352	3.9%	2,025,595	0.8%
	2038	1,189,486	1.3%	92,747	1.4%	12,825	0.0%	205,212	0.4%	10,893	0.7%	18.8	-0.3%	549,510	0.6%	980	0.3%	561	0.3%	19,578	0.0%	3,225	0.0%	1,967,011	1.0%	79,152	3.9%	2,046,163	1.0%
	2039	1,207,329	1.5%	94,016	1.4%	12,842	0.1%	206,006	0.4%	10,970	0.7%	18.8	-0.3%	552,757	0.6%	983	0.3%	562	0.3%	19,578	0.0%	3,225	0.0%	1,988,896	1.1%	80,030	3.9%	2,068,926	1.1%
	2040	1,225,565	1.5%	95,301	1.4%	12,860	0.1%	206,801	0.4%	11,048	0.7%	18.7	-0.3%	556,012	0.6%	986	0.3%	564	0.3%	19,578	0.0%	3,225	0.0%	2,011,182	1.1%	84,175	4.0%	2,095,356	1.3%
CAGR	2011-2020		3.0%		2.9%		0.1%		0.9%		1.3%		-0.4%		0.8%		0.9%		-0.1%		2.1%		-1.0%		2.0%		4.0%		2.0%
	2021-2030		1.2%		1.6%		-0.4%		0.9%		0.6%		0.2%		1.1%		0.4%		0.6%		0.0%		0.0%		1.1%		3.9%		1.1%
	2031-2040		1.4%		1.4%		0.0%		0.4%		0.7%		-0.3%		0.6%		0.3%		0.3%		0.0%		0.0%		1.1%		3.9%		1.1%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - High Economic Case

Kissimmee Utility Auth.

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	1,410,602	-	1,369,867	-	-2.9%	297.8	-	268.3	-	-9.9%	316.0	-	316.7		0.2%
	2012	1,384,319	-1.9%	1,407,870	2.8%	1.7%	245.8	-17.5%	235.6	-12.2%	-4.2%	302.6	-4.2%	333.5	5.3%	10.2%
	2013	1,393,491	0.7%	1,409,290	0.1%	1.1%	242.8	-1.2%	216.5	-8.1%	-10.8%	306.8	1.4%	324.7	-2.6%	5.8%
	2014	1,442,316	3.5%	1,426,705	1.2%	-1.1%	241.4	-0.6%	271.5	25.4%	12.5%	326.9	6.5%	317.4	-2.2%	-2.9%
	2015	1,508,124	4.6%	1,464,205	2.6%	-2.9%	264.5	9.6%	222.6	-18.0%	-15.8%	330.5	1.1%	335.0	5.5%	1.4%
	2016	1,585,494	5.1%	1,533,718	4.7%	-3.3%	275.8	4.3%	249.1	11.9%	-9.7%	353.7	7.0%	347.2	3.6%	-1.8%
	2017	1,580,568	-0.3%	1,597,033	4.1%	1.0%	266.8	-3.2%	249.4	0.1%	-6.5%	345.7	-2.3%	363.8	4.8%	5.2%
	2018	1,629,958	3.1%	1,626,613	1.9%	-0.2%	292.2	9.5%	263.7	5.7%	-9.7%	349.9	1.2%	374.8	3.0%	7.1%
	2019	1,681,579	3.2%	1,634,567	0.5%	-2.8%	290.9	-0.4%	293.2	11.2%	0.8%	372.5	6.5%	370.7	-1.1%	-0.5%
	2020	1,682,173	0.0%	1,633,599	-0.1%	-2.9%	301.5	3.6%	277.5	-5.4%	-8.0%	360.5	-3.2%	363.6	-1.9%	0.9%
Projected	2021	1,727,640	2.7%	1,727,640	5.8%		300.9	-0.2%	300.9	8.4%		385.6	7.0%	385.6	6.0%	
	2022			1,802,645	4.3%				315.0	4.7%				400.6	3.9%	
	2023			1,867,828	3.6%				325.7	3.4%				416.0	3.8%	
	2024			1,944,645	4.1%				337.5	3.6%				432.3	3.9%	
	2025			2,010,861	3.4%				351.2	4.1%				447.2	3.5%	
	2026			2,072,977	3.1%				362.4	3.2%				460.6	3.0%	
	2027			2,130,535	2.8%				372.5	2.8%				473.3	2.8%	
	2028			2,191,056	2.8%				381.1	2.3%				486.1	2.7%	
	2029			2,243,840	2.4%				392.5	3.0%				498.5	2.6%	
	2030			2,299,338	2.5%				402.1	2.4%				511.0	2.5%	
	2031			2,355,510	2.4%				412.0	2.5%				523.5	2.4%	
	2032			2,414,871	2.5%				420.1	2.0%				536.0	2.4%	
	2033			2,467,817	2.2%				431.5	2.7%				548.8	2.4%	
	2034			2,524,789	2.3%				441.5	2.3%				561.5	2.3%	
	2035			2,581,538	2.2%				451.3	2.2%				574.3	2.3%	
	2036			2,642,599	2.4%				459.7	1.9%				586.9	2.2%	
	2037			2,693,865	1.9%				471.0	2.5%				599.3	2.1%	
	2038			2,751,202	2.1%				480.8	2.1%				612.5	2.2%	
	2039			2,812,039	2.2%				491.3	2.2%				626.2	2.2%	
	2040			2,878,366	2.4%				500.3	1.8%				640.1	2.2%	
CAGR [3]	2011-2020		2.0%		2.0%			0.1%		0.4%			1.5%		1.5%	
	2021-2030				3.2%					3.3%					3.2%	
	2031-2040				2.3%					2.2%					2.3%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Kissimmee Utility Auth.

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	1,410,602	-	1,410,602	-	297.8	316.0	297.8	316.0	297.8	316.0	297.8	316.0
	2012	1,384,319	-1.9%	1,384,319	-1.9%	246.5	310.4	246.5	310.4	245.8	302.6	245.8	302.6
	2013	1,393,491	0.7%	1,393,491	0.7%	242.8	314.1	242.8	314.1	242.8	306.8	242.8	306.8
	2014	1,442,316	3.5%	1,442,316	3.5%	250.2	326.9	250.2	326.9	241.4	326.9	241.4	326.9
	2015	1,508,124	4.6%	1,508,124	4.6%	264.5	334.8	264.5	334.8	264.5	330.5	264.5	330.5
	2016	1,585,494	5.1%	1,585,494	5.1%	281.7	353.7	281.7	353.7	275.8	353.7	275.8	353.7
	2017	1,580,568	-0.3%	1,580,568	-0.3%	269.7	352.5	269.7	352.5	266.8	345.7	266.8	345.7
	2018	1,629,958	3.1%	1,629,958	3.1%	298.2	355.6	298.2	355.6	292.2	349.9	292.2	349.9
	2019	1,681,579	3.2%	1,681,579	3.2%	290.9	374.5	290.9	374.5	290.9	372.5	290.9	372.5
	2020	1,682,173	0.0%	1,681,259	0.0%	306.6	370.8	300.3	378.4	301.5	360.5	291.2	374.2
Projected	2021	1,727,640	2.7%	1,739,245	3.4%	310.0	389.5	312.3	392.1	300.9	385.6	302.8	387.7
	2022	1,802,645	4.3%	1,798,929	3.4%	324.5	404.7	322.8	405.8	315.0	400.6	313.0	401.3
	2023	1,867,828	3.6%	1,860,428	3.4%	335.5	420.2	333.9	419.7	325.7	416.0	323.8	415.0
	2024	1,944,645	4.1%	1,922,902	3.4%	347.7	436.7	343.4	433.0	337.5	432.3	333.0	428.2
	2025	2,010,861	3.4%	1,977,965	2.9%	361.8	451.8	355.1	446.1	351.2	447.2	344.4	441.2
	2026	2,072,977	3.1%	2,035,239	2.9%	373.4	465.3	365.6	459.0	362.4	460.6	354.5	453.9
	2027	2,130,535	2.8%	2,089,535	2.7%	383.8	478.1	375.4	471.1	372.5	473.3	364.0	465.9
	2028	2,191,056	2.8%	2,145,683	2.7%	392.6	491.0	383.5	483.1	381.1	486.1	371.9	477.7
	2029	2,243,840	2.4%	2,194,253	2.3%	404.3	503.6	394.3	494.8	392.5	498.5	382.4	489.3
	2030	2,299,338	2.5%	2,246,022	2.4%	414.2	516.2	403.5	506.6	402.1	511.0	391.3	501.0
	2031	2,355,510	2.4%	2,299,585	2.4%	424.4	528.8	413.1	518.9	412.0	523.5	400.6	513.1
	2032	2,414,871	2.5%	2,357,575	2.5%	432.7	541.4	421.3	531.3	420.1	536.0	408.5	525.4
	2033	2,467,817	2.2%	2,408,471	2.2%	444.5	554.3	432.6	543.7	431.5	548.8	419.5	537.6
	2034	2,524,789	2.3%	2,462,767	2.3%	454.8	567.2	442.4	556.0	441.5	561.5	429.0	549.8
	2035	2,581,538	2.2%	2,516,933	2.2%	464.9	580.1	452.1	568.4	451.3	574.3	438.3	562.1
	2036	2,642,599	2.4%	2,575,518	2.3%	473.5	592.8	460.3	580.7	459.7	586.9	446.3	574.2
	2037	2,693,865	1.9%	2,625,092	1.9%	485.2	605.4	471.5	592.9	471.0	599.3	457.2	586.4
	2038	2,751,202	2.1%	2,680,636	2.1%	495.3	618.7	481.3	605.8	480.8	612.5	466.7	599.1
	2039	2,812,039	2.2%	2,738,961	2.2%	506.1	632.6	491.7	619.2	491.3	626.2	476.8	612.3
	2040	2,878,366	2.4%			515.4	646.6			500.3	640.1		
CAGR[1]	Historical		2.0%		2.2%	0.3%	1.8%	-0.3%	2.1%	2.6%	2.2%	2.4%	3.0%
	1st 10 Prj Yrs		3.2%		3.0%	3.3%	3.2%	3.1%	3.0%	3.3%	3.2%	3.1%	3.0%
	2nd 10 Prj Yrs		2.3%		2.2%	2.2%	2.3%	2.2%	2.3%	2.2%	2.3%	2.2%	2.3%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Kissimmee Utility Auth.

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	1,410,602	-	1,369,867	-	-2.9%	297.8	-	268.3	-	-9.9%	316.0	-	316.7		0.2%
	2012	1,384,319	-1.9%	1,407,870	2.8%	1.7%	245.8	-17.5%	235.6	-12.2%	-4.2%	302.6	-4.2%	333.5	5.3%	10.2%
	2013	1,393,491	0.7%	1,409,290	0.1%	1.1%	242.8	-1.2%	216.5	-8.1%	-10.8%	306.8	1.4%	324.7	-2.6%	5.8%
	2014	1,442,316	3.5%	1,426,705	1.2%	-1.1%	241.4	-0.6%	271.5	25.4%	12.5%	326.9	6.5%	317.4	-2.2%	-2.9%
	2015	1,508,124	4.6%	1,464,205	2.6%	-2.9%	264.5	9.6%	222.6	-18.0%	-15.8%	330.5	1.1%	335.0	5.5%	1.4%
	2016	1,585,494	5.1%	1,533,718	4.7%	-3.3%	275.8	4.3%	249.1	11.9%	-9.7%	353.7	7.0%	347.2	3.6%	-1.8%
	2017	1,580,568	-0.3%	1,597,033	4.1%	1.0%	266.8	-3.2%	249.4	0.1%	-6.5%	345.7	-2.3%	363.8	4.8%	5.2%
	2018	1,629,958	3.1%	1,626,613	1.9%	-0.2%	292.2	9.5%	263.7	5.7%	-9.7%	349.9	1.2%	374.8	3.0%	7.1%
	2019	1,681,579	3.2%	1,634,567	0.5%	-2.8%	290.9	-0.4%	293.2	11.2%	0.8%	372.5	6.5%	370.7	-1.1%	-0.5%
	2020	1,682,173	0.0%	1,617,303	-1.1%	-3.9%	301.5	3.6%	277.5	-5.4%	-8.0%	360.5	-3.2%	363.6	-1.9%	0.9%
Projected	2021	1,717,248	2.1%	1,717,248	6.2%		300.9	-0.2%	300.9	8.4%		383.1	6.3%	383.1	5.4%	
	2022			1,787,797	4.1%				315.0	4.7%				397.1	3.7%	
	2023			1,848,851	3.4%				325.7	3.4%				411.5	3.6%	
	2024			1,920,694	3.9%				337.5	3.6%				426.6	3.7%	
	2025			1,979,014	3.0%				351.2	4.1%				439.6	3.1%	
	2026			2,031,957	2.7%				362.4	3.2%				450.8	2.5%	
	2027			2,079,116	2.3%				372.5	2.8%				461.1	2.3%	
	2028			2,127,972	2.3%				381.1	2.3%				471.1	2.2%	
	2029			2,168,283	1.9%				392.5	3.0%				480.5	2.0%	
	2030			2,210,586	2.0%				402.1	2.4%				489.9	2.0%	
	2031			2,253,922	2.0%				412.0	2.5%				499.3	1.9%	
	2032			2,301,202	2.1%				420.1	2.0%				509.0	1.9%	
	2033			2,343,297	1.8%				431.5	2.7%				519.2	2.0%	
	2034			2,389,755	2.0%				441.5	2.3%				529.3	2.0%	
	2035			2,436,464	2.0%				451.3	2.2%				539.8	2.0%	
	2036			2,487,453	2.1%				459.7	1.9%				550.0	1.9%	
	2037			2,529,190	1.7%				471.0	2.5%				560.2	1.8%	
	2038			2,576,817	1.9%				480.8	2.1%				571.0	1.9%	
	2039			2,627,804	2.0%				491.3	2.2%				582.4	2.0%	
	2040			2,684,005	2.1%				500.3	1.8%				594.0	2.0%	
CAGR [3]	2011-2020		2.0%		1.9%			0.1%		0.4%			1.5%		1.5%	
	2021-2030				2.8%					3.3%					2.8%	
	2031-2040				2.0%					2.2%					1.9%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Kissimmee Utility Auth.

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	1,410,602	-	1,369,867	-	-2.9%	297.8	-	54.1%	316.0	-	51.0%
	2012	1,384,319	-1.9%	1,407,870	2.8%	1.7%	246.5	-17.2%	64.1%	310.4	-1.8%	50.9%
	2013	1,393,491	0.7%	1,409,290	0.1%	1.1%	242.8	-1.5%	65.5%	314.1	1.2%	50.6%
	2014	1,442,316	3.5%	1,426,705	1.2%	-1.1%	250.2	3.0%	65.8%	326.9	4.1%	50.4%
	2015	1,508,124	4.6%	1,464,205	2.6%	-2.9%	264.5	5.7%	65.1%	334.8	2.4%	51.4%
	2016	1,585,494	5.1%	1,533,718	4.7%	-3.3%	281.7	6.5%	64.2%	353.7	5.6%	51.2%
	2017	1,580,568	-0.3%	1,597,033	4.1%	1.0%	269.7	-4.3%	66.9%	352.5	-0.3%	51.2%
	2018	1,629,958	3.1%	1,626,613	1.9%	-0.2%	298.2	10.6%	62.4%	355.6	0.9%	52.3%
	2019	1,681,579	3.2%	1,634,567	0.5%	-2.8%	290.9	-2.5%	66.0%	374.5	5.3%	51.3%
	2020	1,682,173	0.0%	1,633,599	-0.1%	-2.9%	306.6	5.4%	62.6%	370.8	-1.0%	51.8%
Projected	2021	1,717,248	2.1%	1,717,248	5.1%		310.0	1.1%	63.2%	387.0	4.4%	50.7%
	2022	1,787,797	4.1%	1,787,797	4.1%		324.5	4.7%	62.9%	401.2	3.7%	50.9%
	2023	1,848,851	3.4%	1,848,851	3.4%		335.5	3.4%	62.9%	415.7	3.6%	50.8%
	2024	1,920,694	3.9%	1,920,694	3.9%		347.7	3.6%	63.1%	431.0	3.7%	50.9%
	2025	1,979,014	3.0%	1,979,014	3.0%		361.8	4.1%	62.4%	444.2	3.1%	50.9%
	2026	2,031,957	2.7%	2,031,957	2.7%		373.4	3.2%	62.1%	455.5	2.5%	50.9%
	2027	2,079,116	2.3%	2,079,116	2.3%		383.8	2.8%	61.8%	465.9	2.3%	50.9%
	2028	2,127,972	2.3%	2,127,972	2.3%		392.6	2.3%	61.9%	476.0	2.2%	51.0%
	2029	2,168,283	1.9%	2,168,283	1.9%		404.3	3.0%	61.2%	485.6	2.0%	51.0%
	2030	2,210,586	2.0%	2,210,586	2.0%		414.2	2.4%	60.9%	495.1	2.0%	51.0%
	2031	2,253,922	2.0%	2,253,922	2.0%		424.4	2.5%	60.6%	504.7	1.9%	51.0%
	2032	2,301,202	2.1%	2,301,202	2.1%		432.7	2.0%	60.7%	514.4	1.9%	51.1%
	2033	2,343,297	1.8%	2,343,297	1.8%		444.5	2.7%	60.2%	524.7	2.0%	51.0%
	2034	2,389,755	2.0%	2,389,755	2.0%		454.8	2.3%	60.0%	535.1	2.0%	51.0%
	2035	2,436,464	2.0%	2,436,464	2.0%		464.9	2.2%	59.8%	545.6	2.0%	51.0%
	2036	2,487,453	2.1%	2,487,453	2.1%		473.5	1.9%	60.0%	556.0	1.9%	51.1%
	2037	2,529,190	1.7%	2,529,190	1.7%		485.2	2.5%	59.5%	566.3	1.8%	51.0%
	2038	2,576,817	1.9%	2,576,817	1.9%		495.3	2.1%	59.4%	577.2	1.9%	51.0%
	2039	2,627,804	2.0%	2,627,804	2.0%		506.1	2.2%	59.3%	588.8	2.0%	50.9%
	2040	2,684,005	2.1%	2,684,005	2.1%		515.4	1.8%	59.5%	600.5	2.0%	51.0%
CAGR [1]	2011-2020		2.0%		2.0%			0.3%	63.7%		1.8%	51.2%
	2021-2030		2.8%		2.8%			3.3%	62.3%		2.8%	50.9%
	2031-2040		2.0%		2.0%			2.2%	59.9%		2.0%	51.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Kissimmee Utility Auth.

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	99,949	87,150	96,959	114,800	119,139	136,792	148,878	150,303	135,051	106,394	92,689	94,453	1,382,557	1,410,602
	2012	98,998	91,687	105,713	108,522	129,597	128,011	151,954	145,222	131,080	118,873	90,328	100,484	1,400,469	1,384,319
	2013	96,990	91,621	100,924	110,040	120,175	137,093	140,057	152,823	134,082	123,911	98,852	102,468	1,409,036	1,393,491
	2014	109,914	91,439	99,187	110,495	130,165	135,158	149,881	155,803	135,044	121,145	96,769	104,597	1,439,597	1,442,316
	2015	103,693	96,660	113,854	126,671	140,753	149,474	155,903	153,768	144,838	127,152	118,417	115,346	1,546,528	1,508,124
	2016	108,578	101,700	113,245	116,616	138,131	156,564	174,908	163,529	151,309	129,038	104,268	111,658	1,569,544	1,585,494
	2017	109,483	97,224	111,883	127,009	150,065	147,185	167,510	172,702	152,542	138,906	110,375	114,326	1,599,211	1,580,568
	2018	125,154	109,916	111,569	122,878	136,385	157,417	165,976	171,539	165,517	149,266	121,372	115,408	1,652,396	1,629,958
	2019	116,681	106,266	116,281	128,221	156,605	164,036	173,582	172,266	161,596	155,160	113,613	114,112	1,678,418	1,681,579
	2020	115,574	110,638	132,394	125,558	141,895	161,210	171,359	178,850	161,809	141,418	113,700	122,606	1,677,011	1,682,173
Projected	2021	125,347	111,602	122,093	127,320	152,774	166,778	184,743	182,794	166,074	148,538	119,103	128,273	1,735,439	1,717,248
	2022	131,075	116,582	127,156	132,409	158,657	173,019	191,610	189,449	171,926	153,645	122,901	132,390	1,800,820	1,787,797
	2023	135,401	120,434	131,085	136,609	164,054	179,015	198,549	196,478	178,290	159,388	127,461	137,488	1,864,251	1,848,851
	2024	140,641	128,065	135,977	141,639	170,085	185,670	205,892	203,613	184,774	164,851	131,566	142,249	1,935,022	1,920,694
	2025	145,551	129,374	140,206	146,013	175,412	191,402	212,270	209,823	190,298	169,654	135,147	146,443	1,991,593	1,979,014
	2026	149,857	133,129	143,793	149,730	179,979	196,302	217,750	215,152	195,022	173,762	138,160	150,099	2,042,734	2,031,957
	2027	153,657	136,468	146,905	152,998	184,074	200,729	222,770	220,076	199,419	177,626	140,981	153,629	2,089,331	2,079,116
	2028	157,356	143,040	149,878	156,136	188,046	205,026	227,671	224,883	203,701	181,408	143,708	157,100	2,137,952	2,127,972
	2029	160,989	142,912	152,707	159,116	191,829	209,093	232,307	229,408	207,705	184,967	146,242	160,388	2,177,664	2,168,283
	2030	164,456	145,973	155,398	161,981	195,514	213,084	236,906	233,934	211,744	188,678	148,916	163,830	2,220,413	2,210,586
Projected	2031	168,070	149,141	158,191	164,926	199,269	217,134	241,541	238,465	215,762	192,395	151,590	167,209	2,263,692	2,253,922
	2032	171,635	155,867	161,005	167,900	203,064	221,256	246,268	243,108	219,906	196,229	154,379	170,681	2,311,297	2,301,202
	2033	175,305	155,516	163,973	171,034	207,046	225,603	251,247	248,001	224,284	200,225	157,295	174,258	2,353,787	2,343,297
	2034	179,073	158,825	167,021	174,229	211,077	229,988	256,240	252,887	228,636	204,176	160,171	177,758	2,400,082	2,389,755
	2035	182,776	162,094	170,065	177,437	215,141	234,443	261,342	257,913	233,148	208,264	163,175	181,405	2,447,204	2,436,464
	2036	186,609	169,334	173,181	180,689	219,220	238,877	266,370	262,818	237,512	212,177	166,018	184,848	2,497,652	2,487,453
	2037	190,246	168,654	176,164	183,824	223,182	243,212	271,319	267,680	241,866	216,101	168,888	188,339	2,539,475	2,529,190
	2038	193,958	171,945	179,259	187,098	227,342	247,804	276,598	272,903	246,582	220,356	172,027	192,141	2,588,014	2,576,817
	2039	197,990	175,500	182,607	190,613	231,781	252,688	282,182	278,399	251,521	224,798	175,290	196,055	2,639,423	2,627,804
	2040	202,131	183,333	186,031	194,196	236,289	257,637	287,824	283,936	256,484	229,251	178,553	199,962	2,695,628	2,684,005

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	7.2%	6.3%	7.0%	8.3%	8.6%	9.9%	10.8%	10.9%	9.8%	7.7%	6.7%	6.8%	100.0%
	2012	7.1%	6.5%	7.5%	7.7%	9.3%	9.1%	10.9%	10.4%	9.4%	8.5%	6.4%	7.2%	100.0%
	2013	6.9%	6.5%	7.2%	7.8%	8.5%	9.7%	9.9%	10.8%	9.5%	8.8%	7.0%	7.3%	100.0%
	2014	7.6%	6.4%	6.9%	7.7%	9.0%	9.4%	10.4%	10.8%	9.4%	8.4%	6.7%	7.3%	100.0%
	2015	6.7%	6.3%	7.4%	8.2%	9.1%	9.7%	10.1%	9.9%	9.4%	8.2%	7.7%	7.5%	100.0%
	2016	6.9%	6.5%	7.2%	7.4%	8.8%	10.0%	11.1%	10.4%	9.6%	8.2%	6.6%	7.1%	100.0%
	2017	6.8%	6.1%	7.0%	7.9%	9.4%	9.2%	10.5%	10.8%	9.5%	8.7%	6.9%	7.1%	100.0%
	2018	7.6%	6.7%	6.8%	7.4%	8.3%	9.5%	10.0%	10.4%	10.0%	9.0%	7.3%	7.0%	100.0%
	2019	7.0%	6.3%	6.9%	7.6%	9.3%	9.8%	10.3%	10.3%	9.6%	9.2%	6.8%	6.8%	100.0%
	2020	6.9%	6.6%	7.9%	7.5%	8.5%	9.6%	10.2%	10.7%	9.6%	8.4%	6.8%	7.3%	100.0%
Projected	2021	7.2%	6.4%	7.0%	7.3%	8.8%	9.6%	10.6%	10.5%	9.6%	8.6%	6.9%	7.4%	100.0%
	2022	7.3%	6.5%	7.1%	7.4%	8.8%	9.6%	10.6%	10.5%	9.5%	8.5%	6.8%	7.4%	100.0%
	2023	7.3%	6.5%	7.0%	7.3%	8.8%	9.6%	10.7%	10.5%	9.6%	8.5%	6.8%	7.4%	100.0%
	2024	7.3%	6.6%	7.0%	7.3%	8.8%	9.6%	10.6%	10.5%	9.5%	8.5%	6.8%	7.4%	100.0%
	2025	7.3%	6.5%	7.0%	7.3%	8.8%	9.6%	10.7%	10.5%	9.6%	8.5%	6.8%	7.4%	100.0%
	2026	7.3%	6.5%	7.0%	7.3%	8.8%	9.6%	10.7%	10.5%	9.5%	8.5%	6.8%	7.3%	100.0%
	2027	7.4%	6.5%	7.0%	7.3%	8.8%	9.6%	10.7%	10.5%	9.5%	8.5%	6.7%	7.4%	100.0%
	2028	7.4%	6.7%	7.0%	7.3%	8.8%	9.6%	10.6%	10.5%	9.5%	8.5%	6.7%	7.3%	100.0%
	2029	7.4%	6.6%	7.0%	7.3%	8.8%	9.6%	10.7%	10.5%	9.5%	8.5%	6.7%	7.4%	100.0%
	2030	7.4%	6.6%	7.0%	7.3%	8.8%	9.6%	10.7%	10.5%	9.5%	8.5%	6.7%	7.4%	100.0%
Avg.	2011-2020	7.1%	6.4%	7.2%	7.8%	8.9%	9.6%	10.4%	10.5%	9.6%	8.5%	6.9%	7.1%	100.0%
	2021-2030	7.3%	6.5%	7.0%	7.3%	8.8%	9.6%	10.7%	10.5%	9.5%	8.5%	6.8%	7.4%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - High Economic Case

Kissimmee Utility Auth.

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	266.3	201.6	205.5	271.0	275.6	308.9	309.0	316.0	285.0	244.7	209.1	187.5	297.8	316.0
	2012	246.5	229.6	218.8	256.8	280.1	292.7	306.5	310.4	295.6	281.7	179.0	194.4	246.5	310.4
	2013	186.6	237.7	242.8	247.5	274.7	298.6	300.5	314.1	294.5	275.6	234.7	209.0	242.8	314.1
	2014	250.2	202.2	206.5	279.5	292.2	304.8	309.7	326.9	304.5	282.4	216.3	218.6	250.2	326.9
	2015	200.8	264.5	254.2	270.1	312.0	334.8	325.3	330.4	325.5	293.1	281.7	242.9	264.5	334.8
	2016	244.0	250.9	261.3	292.5	309.6	343.0	353.7	348.8	324.3	298.5	232.0	241.6	281.7	353.7
	2017	224.9	227.4	269.7	319.1	340.0	332.9	351.9	352.5	341.0	321.8	247.6	221.5	269.7	352.5
	2018	298.2	261.6	245.0	268.4	307.3	345.6	343.8	355.6	351.9	335.0	290.9	240.9	298.2	355.6
	2019	230.8	264.2	270.3	293.2	356.1	374.5	362.7	355.8	360.1	324.6	278.2	230.7	290.9	374.5
	2020	254.3	255.7	306.6	316.2	337.7	368.7	359.4	369.5	370.8	323.4	255.7	243.7	306.6	370.8
Projected	2021	310.0	262.9	287.3	319.0	355.1	372.8	379.1	387.0	367.6	339.2	267.7	255.1	310.0	387.0
	2022	324.5	275.3	300.8	331.0	368.4	386.4	393.0	401.2	381.0	352.1	276.8	263.8	324.5	401.2
	2023	335.5	284.6	311.0	343.3	382.2	400.4	407.2	415.7	394.8	365.1	286.8	273.4	335.5	415.7
	2024	347.7	294.9	322.3	356.2	396.6	415.1	422.1	431.0	409.2	378.5	298.5	284.5	347.7	431.0
	2025	361.8	306.9	335.4	367.7	409.5	427.7	435.0	444.2	421.7	390.6	308.0	293.5	361.8	444.2
	2026	373.4	316.7	346.1	377.7	420.7	438.5	446.1	455.5	432.3	401.2	316.6	301.7	373.4	455.5
	2027	383.8	325.5	355.7	387.0	431.3	448.5	456.2	465.9	442.1	411.1	323.9	308.7	383.8	465.9
	2028	392.6	333.0	363.9	396.2	441.7	458.1	466.1	476.0	451.6	420.9	333.5	317.9	392.6	476.0
	2029	404.3	342.9	374.7	405.0	451.7	467.2	475.4	485.6	460.5	430.3	341.7	325.6	404.3	485.6
	2030	414.2	351.3	383.9	413.9	461.7	476.3	484.6	495.1	469.4	439.9	350.1	333.6	414.2	495.1
Projected	2031	424.4	359.9	393.4	422.7	471.7	485.4	493.9	504.7	478.3	449.5	357.0	340.2	424.4	504.7
	2032	432.7	367.1	401.1	431.7	481.8	494.7	503.4	514.4	487.5	459.2	366.7	349.4	432.7	514.4
	2033	444.5	377.0	412.0	441.0	492.3	504.5	513.5	524.7	497.1	469.3	375.2	357.6	444.5	524.7
	2034	454.8	385.7	421.5	450.3	502.8	514.4	523.5	535.1	506.8	479.3	383.5	365.5	454.8	535.1
	2035	464.9	394.3	430.9	459.7	513.4	524.5	533.9	545.6	516.7	489.5	390.7	372.3	464.9	545.6
	2036	473.5	401.6	438.9	469.0	523.9	534.4	544.0	556.0	526.5	499.5	400.3	381.5	473.5	556.0
	2037	485.2	411.5	449.7	478.2	534.2	544.2	554.0	566.3	536.1	509.3	408.6	389.4	485.2	566.3
	2038	495.3	420.1	459.1	488.0	545.2	554.7	564.7	577.2	546.4	519.8	417.6	397.9	495.3	577.2
	2039	506.1	429.3	469.1	498.2	556.8	565.7	576.0	588.8	557.3	530.8	425.2	405.2	506.1	588.8
	2040	515.4	437.1	477.7	508.6	568.5	576.9	587.4	600.5	568.3	541.9	439.1	418.4	515.4	600.5

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	50.4%	64.3%	63.4%	58.8%	58.1%	61.5%	64.8%	63.9%	65.8%	58.4%	61.6%	67.7%	53.0%	51.0%
	2012	54.0%	57.4%	64.9%	58.7%	62.2%	60.7%	66.6%	62.9%	61.6%	56.7%	70.1%	69.5%	64.9%	50.9%
	2013	69.9%	57.4%	55.9%	61.8%	58.8%	63.8%	62.6%	65.4%	63.2%	60.4%	58.5%	65.9%	66.3%	50.6%
	2014	59.1%	67.3%	64.6%	54.9%	59.9%	61.6%	65.0%	64.1%	61.6%	57.7%	62.1%	64.3%	65.7%	50.4%
	2015	69.4%	54.4%	60.2%	65.1%	60.6%	62.0%	64.4%	62.6%	61.8%	58.3%	58.4%	63.8%	66.7%	51.4%
	2016	59.8%	58.2%	58.2%	55.4%	60.0%	63.4%	66.5%	63.0%	64.8%	58.1%	62.4%	62.1%	63.6%	51.2%
	2017	65.4%	63.6%	55.8%	55.3%	59.3%	61.4%	64.0%	65.8%	62.1%	58.0%	61.9%	69.4%	67.7%	51.2%
	2018	56.4%	62.5%	61.2%	63.6%	59.6%	63.3%	64.9%	64.8%	65.3%	59.9%	57.9%	64.4%	63.2%	52.3%
	2019	67.9%	59.9%	57.8%	60.7%	59.1%	60.8%	64.3%	65.1%	62.3%	64.2%	56.7%	66.5%	65.9%	51.3%
	2020	61.1%	62.2%	58.0%	55.2%	56.5%	60.7%	64.1%	65.1%	60.6%	58.8%	61.8%	67.6%	62.4%	51.8%
Projected	2021	54.4%	63.2%	57.1%	55.4%	57.8%	62.1%	65.5%	63.5%	62.7%	58.9%	61.8%	67.6%	63.9%	50.7%
	2022	54.3%	63.0%	56.8%	55.6%	57.9%	62.2%	65.5%	63.5%	62.7%	58.7%	61.7%	67.5%	63.3%	50.9%
	2023	54.2%	63.0%	56.6%	55.3%	57.7%	62.1%	65.5%	63.5%	62.7%	58.7%	61.7%	67.6%	63.4%	50.8%
	2024	54.4%	62.4%	56.7%	55.2%	57.6%	62.1%	65.6%	63.5%	62.7%	58.5%	61.2%	67.2%	63.5%	50.9%
	2025	54.1%	62.7%	56.2%	55.2%	57.6%	62.2%	65.6%	63.5%	62.7%	58.4%	60.9%	67.1%	62.8%	50.9%
	2026	53.9%	62.6%	55.8%	55.1%	57.5%	62.2%	65.6%	63.5%	62.7%	58.2%	60.6%	66.9%	62.5%	50.9%
	2027	53.8%	62.4%	55.5%	54.9%	57.4%	62.2%	65.6%	63.5%	62.7%	58.1%	60.4%	66.9%	62.1%	50.9%
	2028	53.9%	61.7%	55.4%	54.7%	57.2%	62.2%	65.7%	63.5%	62.7%	57.9%	59.8%	66.4%	62.2%	51.0%
	2029	53.5%	62.0%	54.8%	54.6%	57.1%	62.2%	65.7%	63.5%	62.6%	57.8%	59.4%	66.2%	61.5%	51.0%
	2030	53.4%	61.8%	54.4%	54.4%	56.9%	62.1%	65.7%	63.5%	62.7%	57.7%	59.1%	66.0%	61.2%	51.0%
Avg.	2011-2020	61.3%	60.7%	60.0%	58.9%	59.4%	61.9%	64.7%	64.3%	62.9%	59.1%	61.1%	66.1%	63.9%	51.2%
	2021-2030	54.0%	62.5%	55.9%	55.0%	57.5%	62.1%	65.6%	63.5%	62.7%	58.3%	60.7%	66.9%	62.7%	50.9%

FMPA 2021 Load Forecast - High Economic Case

Kissimmee Utility Auth.

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	266.3	201.6	205.5	266.9	275.6	308.9	298.6	316.0	282.2	243.1	208.8	175.6	297.8	316.0
	2012	245.8	229.6	211.6	249.9	275.5	291.1	302.6	300.1	290.4	277.8	177.1	192.0	245.8	302.6
	2013	165.7	237.7	242.8	235.6	274.7	298.6	298.9	306.8	285.5	268.8	233.0	206.2	242.8	306.8
	2014	241.4	190.5	189.9	278.5	291.0	304.8	295.4	326.9	290.5	280.1	174.1	183.4	241.4	326.9
	2015	188.3	264.5	234.5	264.5	290.7	330.5	306.4	327.5	317.8	289.7	275.8	239.9	264.5	330.5
	2016	242.4	250.9	247.9	288.3	302.1	343.0	353.7	348.8	308.8	298.3	224.5	229.7	275.8	353.7
	2017	215.2	227.4	266.8	319.1	340.0	331.9	339.8	345.7	331.9	313.8	247.6	214.5	266.8	345.7
	2018	292.2	248.6	241.9	261.1	298.0	334.5	339.4	349.9	343.5	335.0	290.9	213.9	292.2	349.9
	2019	228.5	258.1	267.1	288.1	345.1	372.5	362.7	351.8	360.1	323.1	278.2	230.7	290.9	372.5
	2020	254.3	255.7	301.5	287.9	331.6	360.5	359.4	360.5	365.9	319.4	246.9	233.5	301.5	360.5
Projected	2021	300.9	259.5	278.9	310.5	348.2	369.8	372.6	383.1	358.7	335.0	258.5	244.4	300.9	383.1
	2022	315.0	271.7	292.0	322.2	361.3	383.3	386.2	397.1	371.8	347.7	267.3	252.7	315.0	397.1
	2023	325.7	280.9	301.9	334.2	374.8	397.1	400.2	411.5	385.2	360.5	277.0	261.9	325.7	411.5
	2024	337.5	291.0	312.8	346.7	388.9	411.7	414.9	426.6	399.3	373.8	288.2	272.5	337.5	426.6
	2025	351.2	302.9	325.5	357.9	401.5	424.2	427.5	439.6	411.4	385.8	297.4	281.2	351.2	439.6
	2026	362.4	312.5	335.9	367.6	412.5	434.9	438.3	450.8	421.7	396.2	305.7	289.1	362.4	450.8
	2027	372.5	321.3	345.3	376.6	422.9	444.7	448.2	461.1	431.2	406.0	312.8	295.7	372.5	461.1
	2028	381.1	328.7	353.2	385.6	433.0	454.3	457.9	471.1	440.4	415.6	322.1	304.5	381.1	471.1
	2029	392.5	338.4	363.7	394.1	442.8	463.3	467.0	480.5	449.0	424.9	329.9	311.9	392.5	480.5
	2030	402.1	346.7	372.6	402.7	452.6	472.3	476.0	489.9	457.6	434.3	338.1	319.6	402.1	489.9
Projected	2031	412.0	355.2	381.8	411.2	462.4	481.3	485.1	499.3	466.3	443.8	344.7	325.9	412.0	499.3
	2032	420.1	362.3	389.3	419.9	472.3	490.5	494.4	509.0	475.1	453.4	354.1	334.8	420.1	509.0
	2033	431.5	372.1	399.9	429.0	482.5	500.2	504.3	519.2	484.5	463.3	362.3	342.5	431.5	519.2
	2034	441.5	380.7	409.1	438.0	492.8	509.9	514.1	529.3	493.9	473.2	370.3	350.1	441.5	529.3
	2035	451.3	389.2	418.2	447.2	503.2	519.9	524.2	539.8	503.5	483.2	377.2	356.7	451.3	539.8
	2036	459.7	396.4	426.0	456.2	513.5	529.8	534.1	550.0	513.0	493.1	386.5	365.4	459.7	550.0
	2037	471.0	406.2	436.5	465.1	523.6	539.5	543.9	560.2	522.3	502.8	394.5	373.0	471.0	560.2
	2038	480.8	414.6	445.6	474.5	534.3	549.8	554.4	571.0	532.3	513.1	403.2	381.2	480.8	571.0
	2039	491.3	423.7	455.3	484.5	545.7	560.8	565.4	582.4	542.9	523.9	410.6	388.2	491.3	582.4
	2040	500.3	431.4	463.7	494.6	557.1	571.9	576.6	594.0	553.6	534.9	424.0	400.9	500.3	594.0

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	100.0%	100.0%	100.0%	98.5%	100.0%	100.0%	96.6%	100.0%	99.0%	99.3%	99.9%	93.6%	100.0%	100.0%
	2012	99.7%	100.0%	96.7%	97.3%	98.4%	99.5%	98.7%	96.7%	98.2%	98.6%	98.9%	98.8%	99.7%	97.5%
	2013	88.8%	100.0%	100.0%	95.2%	100.0%	100.0%	99.5%	97.7%	96.9%	97.5%	99.3%	98.7%	100.0%	97.7%
	2014	96.5%	94.2%	91.9%	99.7%	99.6%	100.0%	95.4%	100.0%	95.4%	99.2%	80.5%	83.9%	96.5%	100.0%
	2015	93.8%	100.0%	92.3%	97.9%	93.2%	98.7%	94.2%	99.1%	97.6%	98.8%	97.9%	98.8%	100.0%	98.7%
	2016	99.3%	100.0%	94.8%	98.6%	97.6%	100.0%	100.0%	100.0%	95.2%	99.9%	96.8%	95.1%	97.9%	100.0%
	2017	95.7%	100.0%	98.9%	100.0%	100.0%	99.7%	96.6%	98.0%	97.3%	97.5%	100.0%	96.8%	98.9%	98.0%
	2018	98.0%	95.0%	98.7%	97.3%	97.0%	96.8%	98.7%	98.4%	97.6%	100.0%	100.0%	88.8%	98.0%	98.4%
	2019	99.0%	97.7%	98.8%	98.2%	96.9%	99.5%	100.0%	98.9%	100.0%	99.5%	100.0%	100.0%	100.0%	99.5%
	2020	100.0%	100.0%	98.3%	91.0%	98.2%	97.8%	100.0%	97.6%	98.7%	98.8%	96.6%	95.8%	98.3%	97.2%
Projected	2021	97.1%	98.7%	97.1%	97.4%	98.1%	99.2%	98.3%	99.0%	97.6%	98.8%	96.6%	95.8%	97.1%	99.0%
	2022	97.1%	98.7%	97.1%	97.3%	98.1%	99.2%	98.3%	99.0%	97.6%	98.8%	96.6%	95.8%	97.1%	99.0%
	2023	97.1%	98.7%	97.1%	97.3%	98.1%	99.2%	98.3%	99.0%	97.6%	98.8%	96.6%	95.8%	97.1%	99.0%
	2024	97.1%	98.7%	97.1%	97.3%	98.1%	99.2%	98.3%	99.0%	97.6%	98.8%	96.6%	95.8%	97.1%	99.0%
	2025	97.1%	98.7%	97.1%	97.3%	98.1%	99.2%	98.3%	99.0%	97.6%	98.8%	96.6%	95.8%	97.1%	99.0%
	2026	97.1%	98.7%	97.1%	97.3%	98.1%	99.2%	98.3%	99.0%	97.6%	98.7%	96.6%	95.8%	97.1%	99.0%
	2027	97.1%	98.7%	97.1%	97.3%	98.0%	99.2%	98.3%	99.0%	97.5%	98.7%	96.6%	95.8%	97.1%	99.0%
	2028	97.1%	98.7%	97.1%	97.3%	98.0%	99.2%	98.2%	99.0%	97.5%	98.7%	96.6%	95.8%	97.1%	99.0%
	2029	97.1%	98.7%	97.1%	97.3%	98.0%	99.2%	98.2%	99.0%	97.5%	98.7%	96.6%	95.8%	97.1%	99.0%
	2030	97.1%	98.7%	97.1%	97.3%	98.0%	99.2%	98.2%	99.0%	97.5%	98.7%	96.6%	95.8%	97.1%	99.0%
	2011-2020	97.1%	98.7%	97.1%	97.4%	98.1%	99.2%	98.0%	98.6%	97.6%	98.9%	97.0%	95.0%	98.9%	98.7%
	2021-2030	97.1%	98.7%	97.1%	97.3%	98.1%	99.2%	98.3%	99.0%	97.6%	98.8%	96.6%	95.8%	97.1%	99.0%

FMPA 2021 Load Forecast - High Economic Case - KUA

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service Non-Demand						General Service Demand						Lights		City		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	733,223		53,562		13,689		170,573		8,465		20.2		435,830		846		515		16,149		3,539		1,359,313		51,289	3.6%	1,410,602	
	2012	702,353	-4.2%	54,675	2.1%	12,846	-6.2%	166,918	-2.1%	8,470	0.1%	19.7	-2.2%	437,819	0.5%	862	1.9%	508	-1.4%	16,326	1.1%	4,174	18.0%	1,327,589	-2.3%	56,730	4.1%	1,384,319	-1.9%
	2013	709,471	1.0%	55,713	1.9%	12,734	-0.9%	165,185	-1.0%	8,506	0.4%	19.4	-1.5%	443,065	1.2%	856	-0.6%	517	1.8%	16,616	1.8%	3,414	-18.2%	1,337,750	0.8%	55,741	4.0%	1,393,491	0.7%
	2014	741,059	4.5%	56,781	1.9%	13,051	2.5%	171,701	3.9%	8,634	1.5%	19.9	2.4%	448,067	1.1%	831	-3.0%	540	4.3%	16,769	0.9%	3,414	0.0%	1,381,011	3.2%	61,305	4.3%	1,442,316	3.5%
	2015	785,853	6.0%	58,298	2.7%	13,480	3.3%	178,421	3.9%	8,746	1.3%	20.4	2.6%	457,858	2.2%	833	0.3%	549	1.8%	17,137	2.2%	3,450	1.1%	1,442,719	4.5%	65,406	4.3%	1,508,124	4.6%
	2016	833,290	6.0%	60,178	3.2%	13,847	2.7%	189,100	6.0%	8,885	1.6%	21.3	4.3%	473,045	3.3%	843	1.1%	561	2.2%	17,675	3.1%	3,448	-0.1%	1,516,558	5.1%	68,935	4.3%	1,585,494	5.1%
	2017	827,838	-0.7%	61,988	3.0%	13,355	-3.6%	185,698	-1.8%	8,920	0.4%	20.8	-2.2%	474,636	0.3%	862	2.3%	551	-1.9%	18,096	2.4%	3,441	-0.2%	1,509,708	-0.5%	70,861	4.5%	1,580,568	-0.3%
	2018	864,038	4.4%	64,042	3.3%	13,492	1.0%	189,263	1.9%	9,051	1.5%	20.9	0.4%	487,739	2.8%	875	1.5%	557	1.2%	18,478	2.1%	3,512	2.1%	1,563,030	3.5%	66,928	4.1%	1,629,958	3.1%
	2019	915,636	6.0%	66,750	4.2%	13,717	1.7%	193,485	2.2%	9,247	2.2%	20.9	0.1%	492,400	1.0%	901	2.9%	547	-1.9%	18,912	2.3%	3,303	-6.0%	1,623,736	3.9%	57,843	3.4%	1,681,579	3.2%
	2020	956,188	4.4%	69,349	3.9%	13,788	0.5%	184,116	-4.8%	9,495	2.7%	19.4	-7.3%	467,739	-5.0%	917	1.8%	510	-6.7%	19,475	3.0%	3,225	-2.3%	1,630,743	0.4%	51,430	3.1%	1,682,173	0.0%
Projected	2021	974,488	1.9%	72,400	4.4%	13,460	-2.4%	184,899	0.4%	9,729	2.5%	19.0	-2.0%	481,160	2.9%	924	0.8%	521	2.1%	19,578	0.5%	3,225	0.0%	1,663,351	2.0%	64,289	3.7%	1,727,640	2.7%
	2022	1,024,785	5.2%	75,840	4.8%	13,512	0.4%	188,462	1.9%	9,947	2.2%	18.9	-0.3%	496,500	3.2%	942	1.9%	527	1.3%	19,578	0.0%	3,225	0.0%	1,732,550	4.2%	70,095	3.9%	1,802,645	4.3%
	2023	1,069,633	4.4%	78,837	4.0%	13,568	0.4%	192,045	1.9%	10,159	2.1%	18.9	-0.2%	510,749	2.9%	955	1.5%	535	1.4%	19,578	0.0%	3,225	0.0%	1,795,230	3.6%	72,598	3.9%	1,867,828	3.6%
	2024	1,117,512	4.5%	81,724	3.7%	13,674	0.8%	197,471	2.8%	10,344	1.8%	19.1	1.0%	528,387	3.5%	967	1.3%	546	2.1%	19,578	0.0%	3,225	0.0%	1,866,173	4.0%	78,472	4.0%	1,944,645	4.1%
	2025	1,164,085	4.2%	84,568	3.5%	13,765	0.7%	201,942	2.3%	10,522	1.7%	19.2	0.5%	543,947	2.9%	979	1.2%	556	1.7%	19,578	0.0%	3,225	0.0%	1,932,777	3.6%	78,083	3.9%	2,010,861	3.4%
	2026	1,207,148	3.7%	87,378	3.3%	13,815	0.4%	205,377	1.7%	10,696	1.7%	19.2	0.0%	557,230	2.4%	990	1.1%	563	1.3%	19,578	0.0%	3,225	0.0%	1,992,558	3.1%	80,419	3.9%	2,072,977	3.1%
	2027	1,248,039	3.4%	90,141	3.2%	13,845	0.2%	208,202	1.4%	10,868	1.6%	19.2	-0.2%	568,883	2.1%	1,000	1.0%	569	1.1%	19,578	0.0%	3,225	0.0%	2,047,927	2.8%	82,608	3.9%	2,130,535	2.8%
	2028	1,289,745	3.3%	92,911	3.1%	13,881	0.3%	210,734	1.2%	11,036	1.5%	19.1	-0.3%	579,574	1.9%	1,010	1.0%	574	0.9%	19,578	0.0%	3,225	0.0%	2,102,856	2.7%	88,199	4.0%	2,191,056	2.8%
	2029	1,331,328	3.2%	95,691	3.0%	13,913	0.2%	213,067	1.1%	11,200	1.5%	19.0	-0.4%	589,705	1.7%	1,019	0.9%	579	0.8%	19,578	0.0%	3,225	0.0%	2,156,903	2.6%	86,937	3.9%	2,243,840	2.4%
	2030	1,372,716	3.1%	98,474	2.9%	13,940	0.2%	215,256	1.0%	11,361	1.4%	18.9	-0.4%	599,498	1.7%	1,028	0.9%	583	0.7%	19,578	0.0%	3,225	0.0%	2,210,274	2.5%	89,065	3.9%	2,299,338	2.5%
	2031	1,415,245	3.1%	101,246	2.8%	13,978	0.3%	217,327	1.0%	11,518	1.4%	18.9	-0.4%	608,927	1.6%	1,037	0.9%	587	0.7%	19,578	0.0%	3,225	0.0%	2,264,302	2.4%	91,208	3.9%	2,355,510	2.4%
	2032	1,457,625	3.0%	103,978	2.7%	14,019	0.3%	219,338	0.9%	11,667	1.3%	18.8	-0.4%	618,020	1.5%	1,046	0.8%	591	0.7%	19,578	0.0%	3,225	0.0%	2,317,787	2.4%	97,085	4.0%	2,414,871	2.5%
	2033	1,501,158	3.0%	106,719	2.6%	14,066	0.3%	221,354	0.9%	11,814	1.3%	18.7	-0.3%	626,990	1.5%	1,054	0.8%	595	0.6%	19,578	0.0%	3,225	0.0%	2,372,306	2.4%	95,511	3.9%	2,467,817	2.2%
	2034	1,545,165	2.9%	109,480	2.6%	14,114	0.3%	223,339	0.9%	11,961	1.2%	18.7	-0.3%	635,797	1.4%	1,062	0.8%	598	0.6%	19,578	0.0%	3,225	0.0%	2,427,104	2.3%	97,684	3.9%	2,524,789	2.3%
	2035	1,589,056	2.8%	112,265	2.5%	14,154	0.3%	225,297	0.9%	12,109	1.2%	18.6	-0.4%	644,524	1.4%	1,071	0.8%	602	0.6%	19,578	0.0%	3,225	0.0%	2,481,680	2.2%	99,857	3.9%	2,581,538	2.2%
	2036	1,633,267	2.8%	115,058	2.5%	14,195	0.3%	227,226	0.9%	12,257	1.2%	18.5	-0.4%	653,171	1.3%	1,079	0.7%	606	0.6%	19,578	0.0%	3,225	0.0%	2,536,469	2.2%	106,130	4.0%	2,642,599	2.4%
	2037	1,676,131	2.6%	117,852	2.4%	14,222	0.2%	229,103	0.8%	12,403	1.2%	18.5	-0.4%	661,690	1.3%	1,086	0.7%	609	0.6%	19,578	0.0%	3,225	0.0%	2,589,727	2.1%	104,138	3.9%	2,693,865	1.9%
	2038	1,720,974	2.7%	120,678	2.4%	14,261	0.3%	230,930	0.8%	12,548	1.2%	18.4	-0.4%	670,146	1.3%	1,094	0.7%	613	0.6%	19,578	0.0%	3,225	0.0%	2,644,854	2.1%	106,349	3.9%	2,751,202	2.1%
	2039	1,769,213	2.8%	123,535	2.4%	14,322	0.4%	232,741	0.8%	12,692	1.2%	18.3	-0.4%	678,596	1.3%	1,102	0.7%	616	0.6%	19,578	0.0%	3,225	0.0%	2,703,353	2.2%	108,686	3.9%	2,812,039	2.2%
	2040	1,818,448	2.8%	126,433	2.3%	14,383	0.4%	234,545	0.8%	12,837	1.1%	18.3	-0.4%	687,052	1.2%	1,109	0.7%	619	0.6%	19,578	0.0%	3,225	0.0%	2,762,849	2.2%	115,518	4.0%	2,878,366	2.4%
CAGR	2011-2020		3.0%		2.9%		0.1%		0.9%		1.3%		-0.4%		0.8%		0.9%		-0.1%		2.1%		-1.0%		2.0%		4.0%		2.0%
	2021-2030		3.9%		3.5%		0.4%		1.7%		1.7%		0.0%		2.5%		1.2%		1.3%		0.0%		0.0%		3.2%		3.9%		3.2%
	2031-2040		2.8%		2.5%		0.3%		0.9%		1.2%		-0.4%		1.4%		0.7%		0.6%		0.0%		0.0%		2.2%		3.9%		2.3%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - Mild Weather Case

Kissimmee Utility Auth.

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	1,410,602	-	1,369,867	-	-2.9%	297.8	-	268.3	-	-9.9%	316.0	-	316.7		0.2%
	2012	1,384,319	-1.9%	1,407,870	2.8%	1.7%	245.8	-17.5%	235.6	-12.2%	-4.2%	302.6	-4.2%	333.5	5.3%	10.2%
	2013	1,393,491	0.7%	1,409,290	0.1%	1.1%	242.8	-1.2%	216.5	-8.1%	-10.8%	306.8	1.4%	324.7	-2.6%	5.8%
	2014	1,442,316	3.5%	1,426,705	1.2%	-1.1%	241.4	-0.6%	271.5	25.4%	12.5%	326.9	6.5%	317.4	-2.2%	-2.9%
	2015	1,508,124	4.6%	1,464,205	2.6%	-2.9%	264.5	9.6%	222.6	-18.0%	-15.8%	330.5	1.1%	335.0	5.5%	1.4%
	2016	1,585,494	5.1%	1,533,718	4.7%	-3.3%	275.8	4.3%	249.1	11.9%	-9.7%	353.7	7.0%	347.2	3.6%	-1.8%
	2017	1,580,568	-0.3%	1,597,033	4.1%	1.0%	266.8	-3.2%	249.4	0.1%	-6.5%	345.7	-2.3%	363.8	4.8%	5.2%
	2018	1,629,958	3.1%	1,626,613	1.9%	-0.2%	292.2	9.5%	263.7	5.7%	-9.7%	349.9	1.2%	374.8	3.0%	7.1%
	2019	1,681,579	3.2%	1,634,567	0.5%	-2.8%	290.9	-0.4%	293.2	11.2%	0.8%	372.5	6.5%	370.7	-1.1%	-0.5%
	2020	1,682,173	0.0%	1,633,599	-0.1%	-2.9%	301.5	3.6%	277.5	-5.4%	-8.0%	360.5	-3.2%	363.6	-1.9%	0.9%
Projected	2021	1,650,987	-1.9%	1,650,987	1.1%		272.9	-9.5%	272.9	-1.7%		363.8	0.9%	363.8	0.1%	
	2022			1,691,339	2.4%				279.9	2.6%				371.9	2.2%	
	2023			1,729,401	2.3%				285.5	2.0%				381.2	2.5%	
	2024			1,779,137	2.9%				292.4	2.4%				391.5	2.7%	
	2025			1,821,715	2.4%				301.0	3.0%				401.2	2.5%	
	2026			1,862,209	2.2%				307.9	2.3%				409.8	2.1%	
	2027			1,899,268	2.0%				314.0	2.0%				418.0	2.0%	
	2028			1,939,264	2.1%				319.0	1.6%				426.2	2.0%	
	2029			1,972,673	1.7%				326.1	2.2%				434.2	1.9%	
	2030			2,008,592	1.8%				331.8	1.8%				442.2	1.9%	
	2031			2,045,083	1.8%				337.8	1.8%				450.3	1.8%	
	2032			2,084,313	1.9%				342.5	1.4%				458.4	1.8%	
	2033			2,118,045	1.6%				349.6	2.1%				466.7	1.8%	
	2034			2,155,049	1.7%				355.7	1.7%				474.8	1.8%	
	2035			2,191,771	1.7%				361.5	1.7%				483.1	1.7%	
	2036			2,232,044	1.8%				366.4	1.3%				491.2	1.7%	
	2037			2,264,107	1.4%				373.4	1.9%				499.1	1.6%	
	2038			2,301,005	1.6%				379.2	1.6%				507.6	1.7%	
	2039			2,340,534	1.7%				385.5	1.7%				516.5	1.8%	
	2040			2,384,374	1.9%				390.8	1.4%				525.5	1.7%	
CAGR [3]	2011-2020		2.0%		2.0%			0.1%		0.4%			1.5%		1.5%	
	2021-2030				2.2%					2.2%					2.2%	
	2031-2040				1.7%					1.6%					1.7%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Kissimmee Utility Auth.

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	1,410,602	-	1,410,602	-	297.8	316.0	297.8	316.0	297.8	316.0	297.8	316.0
	2012	1,384,319	-1.9%	1,384,319	-1.9%	246.5	310.4	246.5	310.4	245.8	302.6	245.8	302.6
	2013	1,393,491	0.7%	1,393,491	0.7%	242.8	314.1	242.8	314.1	242.8	306.8	242.8	306.8
	2014	1,442,316	3.5%	1,442,316	3.5%	250.2	326.9	250.2	326.9	241.4	326.9	241.4	326.9
	2015	1,508,124	4.6%	1,508,124	4.6%	264.5	334.8	264.5	334.8	264.5	330.5	264.5	330.5
	2016	1,585,494	5.1%	1,585,494	5.1%	281.7	353.7	281.7	353.7	275.8	353.7	275.8	353.7
	2017	1,580,568	-0.3%	1,580,568	-0.3%	269.7	352.5	269.7	352.5	266.8	345.7	266.8	345.7
	2018	1,629,958	3.1%	1,629,958	3.1%	298.2	355.6	298.2	355.6	292.2	349.9	292.2	349.9
	2019	1,681,579	3.2%	1,681,579	3.2%	290.9	374.5	290.9	374.5	290.9	372.5	290.9	372.5
	2020	1,682,173	0.0%	1,609,757	-4.3%	306.6	370.8	273.8	357.7	301.5	360.5	265.5	353.7
Projected	2021	1,650,987	-1.9%	1,635,080	1.6%	281.1	367.5	279.0	364.4	272.9	363.8	270.6	360.4
	2022	1,691,339	2.4%	1,667,443	2.0%	288.3	375.6	284.4	371.9	279.9	371.9	275.7	367.8
	2023	1,729,401	2.3%	1,701,820	2.1%	294.1	385.0	290.1	379.7	285.5	381.2	281.3	375.5
	2024	1,779,137	2.9%	1,740,243	2.3%	301.2	395.4	295.1	387.8	292.4	391.5	286.2	383.5
	2025	1,821,715	2.4%	1,773,974	1.9%	310.1	405.3	302.2	396.0	301.0	401.2	293.0	391.6
	2026	1,862,209	2.2%	1,810,555	2.1%	317.2	414.0	308.5	404.2	307.9	409.8	299.1	399.7
	2027	1,899,268	2.0%	1,844,904	1.9%	323.5	422.2	314.3	411.8	314.0	418.0	304.8	407.2
	2028	1,939,264	2.1%	1,881,106	2.0%	328.6	430.5	318.9	419.3	319.0	426.2	309.2	414.6
	2029	1,972,673	1.7%	1,910,935	1.6%	335.9	438.6	325.5	426.6	326.1	434.2	315.6	421.9
	2030	2,008,592	1.8%	1,943,627	1.7%	341.8	446.7	330.9	434.1	331.8	442.2	320.8	429.3
	2031	2,045,083	1.8%	1,977,837	1.8%	348.0	454.9	336.6	441.9	337.8	450.3	326.4	437.0
	2032	2,084,313	1.9%	2,015,806	1.9%	352.8	463.0	341.3	449.8	342.5	458.4	330.9	444.8
	2033	2,118,045	1.6%	2,047,667	1.6%	360.1	471.4	348.2	457.7	349.6	466.7	337.7	452.7
	2034	2,155,049	1.7%	2,082,378	1.7%	366.4	479.7	354.1	465.5	355.7	474.8	343.3	460.4
	2035	2,191,771	1.7%	2,116,900	1.7%	372.4	488.0	359.8	473.4	361.5	483.1	348.9	468.2
	2036	2,232,044	1.8%	2,154,921	1.8%	377.5	496.2	364.5	481.2	366.4	491.2	353.5	475.8
	2037	2,264,107	1.4%	2,185,404	1.4%	384.6	504.2	371.3	488.9	373.4	499.1	360.1	483.4
	2038	2,301,005	1.6%	2,220,674	1.6%	390.6	512.7	377.1	497.0	379.2	507.6	365.6	491.5
	2039	2,340,534	1.7%	2,257,973	1.7%	397.2	521.8	383.3	505.6	385.5	516.5	371.7	499.9
	2040	2,384,374	1.9%			402.5	530.8			390.8	525.5		
CAGR[1]	Historical		2.0%		2.2%	0.3%	1.8%	-0.3%	2.1%	2.6%	2.2%	2.4%	3.0%
	1st 10 Prj Yrs		2.2%		1.9%	2.2%	2.2%	1.9%	2.0%	2.2%	2.2%	1.9%	2.0%
	2nd 10 Prj Yrs		1.7%		1.7%	1.6%	1.7%	1.6%	1.7%	1.6%	1.7%	1.6%	1.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Kissimmee Utility Auth.

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	1,410,602	-	1,369,867	-	-2.9%	297.8	-	268.3	-	-9.9%	316.0	-	316.7		0.2%
	2012	1,384,319	-1.9%	1,407,870	2.8%	1.7%	245.8	-17.5%	235.6	-12.2%	-4.2%	302.6	-4.2%	333.5	5.3%	10.2%
	2013	1,393,491	0.7%	1,409,290	0.1%	1.1%	242.8	-1.2%	216.5	-8.1%	-10.8%	306.8	1.4%	324.7	-2.6%	5.8%
	2014	1,442,316	3.5%	1,426,705	1.2%	-1.1%	241.4	-0.6%	271.5	25.4%	12.5%	326.9	6.5%	317.4	-2.2%	-2.9%
	2015	1,508,124	4.6%	1,464,205	2.6%	-2.9%	264.5	9.6%	222.6	-18.0%	-15.8%	330.5	1.1%	335.0	5.5%	1.4%
	2016	1,585,494	5.1%	1,533,718	4.7%	-3.3%	275.8	4.3%	249.1	11.9%	-9.7%	353.7	7.0%	347.2	3.6%	-1.8%
	2017	1,580,568	-0.3%	1,597,033	4.1%	1.0%	266.8	-3.2%	249.4	0.1%	-6.5%	345.7	-2.3%	363.8	4.8%	5.2%
	2018	1,629,958	3.1%	1,626,613	1.9%	-0.2%	292.2	9.5%	263.7	5.7%	-9.7%	349.9	1.2%	374.8	3.0%	7.1%
	2019	1,681,579	3.2%	1,634,567	0.5%	-2.8%	290.9	-0.4%	293.2	11.2%	0.8%	372.5	6.5%	370.7	-1.1%	-0.5%
	2020	1,682,173	0.0%	1,617,303	-1.1%	-3.9%	301.5	3.6%	277.5	-5.4%	-8.0%	360.5	-3.2%	363.6	-1.9%	0.9%
Projected	2021	1,640,595	-2.5%	1,640,595	1.4%		272.9	-9.5%	272.9	-1.7%		361.3	0.2%	361.3	-0.6%	
	2022			1,676,491	2.2%				279.9	2.6%				368.3	1.9%	
	2023			1,710,424	2.0%				285.5	2.0%				376.7	2.3%	
	2024			1,755,187	2.6%				292.4	2.4%				385.8	2.4%	
	2025			1,789,868	2.0%				301.0	3.0%				393.6	2.0%	
	2026			1,821,190	1.7%				307.9	2.3%				400.0	1.6%	
	2027			1,847,849	1.5%				314.0	2.0%				405.7	1.4%	
	2028			1,876,180	1.5%				319.0	1.6%				411.2	1.4%	
	2029			1,897,115	1.1%				326.1	2.2%				416.2	1.2%	
	2030			1,919,839	1.2%				331.8	1.8%				421.1	1.2%	
	2031			1,943,495	1.2%				337.8	1.8%				426.1	1.2%	
	2032			1,970,644	1.4%				342.5	1.4%				431.4	1.2%	
	2033			1,993,526	1.2%				349.6	2.1%				437.1	1.3%	
	2034			2,020,015	1.3%				355.7	1.7%				442.7	1.3%	
	2035			2,046,697	1.3%				361.5	1.7%				448.6	1.3%	
	2036			2,076,899	1.5%				366.4	1.3%				454.4	1.3%	
	2037			2,099,432	1.1%				373.4	1.9%				460.0	1.2%	
	2038			2,126,620	1.3%				379.2	1.6%				466.1	1.3%	
	2039			2,156,300	1.4%				385.5	1.7%				472.7	1.4%	
	2040			2,190,013	1.6%				390.8	1.4%				479.3	1.4%	
CAGR [3]	2011-2020		2.0%		1.9%			0.1%		0.4%			1.5%		1.5%	
	2021-2030				1.8%					2.2%					1.7%	
	2031-2040				1.3%					1.6%					1.3%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Kissimmee Utility Auth.

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	1,410,602	-	1,369,867	-	-2.9%	297.8	-	54.1%	316.0	-	51.0%
	2012	1,384,319	-1.9%	1,407,870	2.8%	1.7%	246.5	-17.2%	64.1%	310.4	-1.8%	50.9%
	2013	1,393,491	0.7%	1,409,290	0.1%	1.1%	242.8	-1.5%	65.5%	314.1	1.2%	50.6%
	2014	1,442,316	3.5%	1,426,705	1.2%	-1.1%	250.2	3.0%	65.8%	326.9	4.1%	50.4%
	2015	1,508,124	4.6%	1,464,205	2.6%	-2.9%	264.5	5.7%	65.1%	334.8	2.4%	51.4%
	2016	1,585,494	5.1%	1,533,718	4.7%	-3.3%	281.7	6.5%	64.2%	353.7	5.6%	51.2%
	2017	1,580,568	-0.3%	1,597,033	4.1%	1.0%	269.7	-4.3%	66.9%	352.5	-0.3%	51.2%
	2018	1,629,958	3.1%	1,626,613	1.9%	-0.2%	298.2	10.6%	62.4%	355.6	0.9%	52.3%
	2019	1,681,579	3.2%	1,634,567	0.5%	-2.8%	290.9	-2.5%	66.0%	374.5	5.3%	51.3%
	2020	1,682,173	0.0%	1,617,303	-1.1%	-3.9%	306.6	5.4%	62.6%	370.8	-1.0%	51.8%
Projected	2021	1,640,595	-2.5%	1,640,595	1.4%		281.1	-8.3%	66.6%	365.0	-1.6%	51.3%
	2022	1,676,491	2.2%	1,676,491	2.2%		288.3	2.6%	66.4%	372.1	1.9%	51.4%
	2023	1,710,424	2.0%	1,710,424	2.0%		294.1	2.0%	66.4%	380.5	2.3%	51.3%
	2024	1,755,187	2.6%	1,755,187	2.6%		301.2	2.4%	66.5%	389.8	2.4%	51.4%
	2025	1,789,868	2.0%	1,789,868	2.0%		310.1	3.0%	65.9%	397.7	2.0%	51.4%
	2026	1,821,190	1.7%	1,821,190	1.7%		317.2	2.3%	65.5%	404.2	1.6%	51.4%
	2027	1,847,849	1.5%	1,847,849	1.5%		323.5	2.0%	65.2%	410.0	1.4%	51.5%
	2028	1,876,180	1.5%	1,876,180	1.5%		328.6	1.6%	65.2%	415.5	1.4%	51.5%
	2029	1,897,115	1.1%	1,897,115	1.1%		335.9	2.2%	64.5%	420.6	1.2%	51.5%
	2030	1,919,839	1.2%	1,919,839	1.2%		341.8	1.8%	64.1%	425.6	1.2%	51.5%
	2031	1,943,495	1.2%	1,943,495	1.2%		348.0	1.8%	63.8%	430.7	1.2%	51.5%
	2032	1,970,644	1.4%	1,970,644	1.4%		352.8	1.4%	63.8%	436.0	1.2%	51.6%
	2033	1,993,526	1.2%	1,993,526	1.2%		360.1	2.1%	63.2%	441.8	1.3%	51.5%
	2034	2,020,015	1.3%	2,020,015	1.3%		366.4	1.7%	62.9%	447.6	1.3%	51.5%
	2035	2,046,697	1.3%	2,046,697	1.3%		372.4	1.7%	62.7%	453.5	1.3%	51.5%
	2036	2,076,899	1.5%	2,076,899	1.5%		377.5	1.3%	62.8%	459.4	1.3%	51.6%
	2037	2,099,432	1.1%	2,099,432	1.1%		384.6	1.9%	62.3%	465.1	1.2%	51.5%
	2038	2,126,620	1.3%	2,126,620	1.3%		390.6	1.6%	62.1%	471.3	1.3%	51.5%
	2039	2,156,300	1.4%	2,156,300	1.4%		397.2	1.7%	62.0%	478.0	1.4%	51.5%
	2040	2,190,013	1.6%	2,190,013	1.6%		402.5	1.4%	62.1%	484.7	1.4%	51.6%
CAGR [1]	2011-2020		2.0%		1.9%			0.3%	63.7%		1.8%	51.2%
	2021-2030		1.8%		1.8%			2.2%	65.6%		1.7%	51.4%
	2031-2040		1.3%		1.3%			1.6%	62.8%		1.3%	51.5%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Kissimmee Utility Auth.

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	99,949	87,150	96,959	114,800	119,139	136,792	148,878	150,303	135,051	106,394	92,689	94,453	1,382,557	1,410,602
	2012	98,998	91,687	105,713	108,522	129,597	128,011	151,954	145,222	131,080	118,873	90,328	100,484	1,400,469	1,384,319
	2013	96,990	91,621	100,924	110,040	120,175	137,093	140,057	152,823	134,082	123,911	98,852	102,468	1,409,036	1,393,491
	2014	109,914	91,439	99,187	110,495	130,165	135,158	149,881	155,803	135,044	121,145	96,769	104,597	1,439,597	1,442,316
	2015	103,693	96,660	113,854	126,671	140,753	149,474	155,903	153,768	144,838	127,152	118,417	115,346	1,546,528	1,508,124
	2016	108,578	101,700	113,245	116,616	138,131	156,564	174,908	163,529	151,309	129,038	104,268	111,658	1,569,544	1,585,494
	2017	109,483	97,224	111,883	127,009	150,065	147,185	167,510	172,702	152,542	138,906	110,375	114,326	1,599,211	1,580,568
	2018	125,154	109,916	111,569	122,878	136,385	157,417	165,976	171,539	165,517	149,266	121,372	115,408	1,652,396	1,629,958
	2019	116,681	106,266	116,281	128,221	156,605	164,036	173,582	172,266	161,596	155,160	113,613	114,112	1,678,418	1,681,579
	2020	115,574	110,638	132,394	125,558	141,895	161,210	171,359	178,850	161,809	141,418	113,700	113,519	1,667,925	1,682,173
Projected	2021	110,312	102,093	120,960	126,476	151,499	158,679	173,901	171,658	156,381	145,006	116,892	116,344	1,650,200	1,640,595
	2022	112,967	104,501	123,593	129,176	154,586	161,772	177,313	175,003	159,340	147,752	118,937	118,474	1,683,413	1,676,491
	2023	115,073	106,475	125,734	131,563	157,783	165,169	181,292	179,105	163,067	151,300	121,821	121,536	1,719,918	1,710,424
	2024	118,019	111,908	128,854	134,791	161,639	169,229	185,708	183,382	166,998	154,683	124,365	124,405	1,763,982	1,755,187
	2025	120,798	111,752	131,508	137,593	165,082	172,712	189,547	187,113	170,311	157,689	126,588	126,923	1,797,615	1,789,868
	2026	123,194	113,929	133,672	139,886	167,931	175,553	192,691	190,150	172,984	160,116	128,328	129,018	1,827,452	1,821,190
	2027	125,210	115,784	135,433	141,803	170,391	178,016	195,475	192,873	175,403	162,358	129,919	131,029	1,853,694	1,847,849
	2028	127,156	120,466	137,083	143,622	172,764	180,382	198,168	195,504	177,729	164,538	131,433	132,995	1,881,840	1,876,180
	2029	129,046	119,313	138,607	145,304	174,974	182,552	200,638	197,897	179,818	166,529	132,781	134,817	1,902,276	1,897,115
	2030	130,814	120,951	140,012	146,887	177,101	184,656	203,074	200,286	181,931	168,662	134,261	136,769	1,925,404	1,919,839
Projected	2031	132,692	122,673	141,509	148,548	179,298	186,819	205,546	202,686	184,033	170,810	135,749	138,678	1,949,040	1,943,495
	2032	134,540	127,409	143,036	150,246	181,542	189,059	208,115	205,200	186,259	173,075	137,354	140,672	1,976,508	1,970,644
	2033	136,479	126,166	144,706	152,094	183,958	191,501	210,904	207,930	188,688	175,477	139,066	142,746	1,999,715	1,993,526
	2034	138,484	128,003	146,441	153,991	186,409	193,968	213,697	210,646	191,088	177,831	140,739	144,752	2,026,048	2,020,015
	2035	140,438	129,807	148,170	155,896	188,886	196,495	216,580	213,480	193,624	180,303	142,524	146,877	2,053,079	2,046,697
	2036	142,486	134,873	149,961	157,841	191,377	199,003	219,402	216,214	196,038	182,622	144,167	148,838	2,082,821	2,076,899
	2037	144,390	133,430	151,636	159,680	193,759	201,422	222,151	218,904	198,434	184,938	145,825	150,827	2,105,395	2,099,432
	2038	146,338	135,237	153,393	161,625	196,296	204,033	225,144	221,862	201,102	187,513	147,695	153,040	2,133,278	2,126,620
	2039	148,495	137,223	155,342	163,761	199,053	206,864	228,361	225,020	203,933	190,233	149,664	155,335	2,163,284	2,156,300
	2040	150,721	142,630	157,346	165,944	201,854	209,730	231,604	228,189	206,762	192,942	151,616	157,607	2,196,945	2,190,013

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	7.2%	6.3%	7.0%	8.3%	8.6%	9.9%	10.8%	10.9%	9.8%	7.7%	6.7%	6.8%	100.0%
	2012	7.1%	6.5%	7.5%	7.7%	9.3%	9.1%	10.9%	10.4%	9.4%	8.5%	6.4%	7.2%	100.0%
	2013	6.9%	6.5%	7.2%	7.8%	8.5%	9.7%	9.9%	10.8%	9.5%	8.8%	7.0%	7.3%	100.0%
	2014	7.6%	6.4%	6.9%	7.7%	9.0%	9.4%	10.4%	10.8%	9.4%	8.4%	6.7%	7.3%	100.0%
	2015	6.7%	6.3%	7.4%	8.2%	9.1%	9.7%	10.1%	9.9%	9.4%	8.2%	7.7%	7.5%	100.0%
	2016	6.9%	6.5%	7.2%	7.4%	8.8%	10.0%	11.1%	10.4%	9.6%	8.2%	6.6%	7.1%	100.0%
	2017	6.8%	6.1%	7.0%	7.9%	9.4%	9.2%	10.5%	10.8%	9.5%	8.7%	6.9%	7.1%	100.0%
	2018	7.6%	6.7%	6.8%	7.4%	8.3%	9.5%	10.0%	10.4%	10.0%	9.0%	7.3%	7.0%	100.0%
	2019	7.0%	6.3%	6.9%	7.6%	9.3%	9.8%	10.3%	10.3%	9.6%	9.2%	6.8%	6.8%	100.0%
	2020	6.9%	6.6%	7.9%	7.5%	8.5%	9.7%	10.3%	10.7%	9.7%	8.5%	6.8%	6.8%	100.0%
Projected	2021	6.7%	6.2%	7.3%	7.7%	9.2%	9.6%	10.5%	10.4%	9.5%	8.8%	7.1%	7.1%	100.0%
	2022	6.7%	6.2%	7.3%	7.7%	9.2%	9.6%	10.5%	10.4%	9.5%	8.8%	7.1%	7.0%	100.0%
	2023	6.7%	6.2%	7.3%	7.6%	9.2%	9.6%	10.5%	10.4%	9.5%	8.8%	7.1%	7.1%	100.0%
	2024	6.7%	6.3%	7.3%	7.6%	9.2%	9.6%	10.5%	10.4%	9.5%	8.8%	7.1%	7.1%	100.0%
	2025	6.7%	6.2%	7.3%	7.7%	9.2%	9.6%	10.5%	10.4%	9.5%	8.8%	7.0%	7.1%	100.0%
	2026	6.7%	6.2%	7.3%	7.7%	9.2%	9.6%	10.5%	10.4%	9.5%	8.8%	7.0%	7.1%	100.0%
	2027	6.8%	6.2%	7.3%	7.6%	9.2%	9.6%	10.5%	10.4%	9.5%	8.8%	7.0%	7.1%	100.0%
	2028	6.8%	6.4%	7.3%	7.6%	9.2%	9.6%	10.5%	10.4%	9.4%	8.7%	7.0%	7.1%	100.0%
	2029	6.8%	6.3%	7.3%	7.6%	9.2%	9.6%	10.5%	10.4%	9.5%	8.8%	7.0%	7.1%	100.0%
	2030	6.8%	6.3%	7.3%	7.6%	9.2%	9.6%	10.5%	10.4%	9.4%	8.8%	7.0%	7.1%	100.0%
Avg.	2011-2020	7.1%	6.4%	7.2%	7.8%	8.9%	9.6%	10.4%	10.5%	9.6%	8.5%	6.9%	7.1%	100.0%
	2021-2030	6.7%	6.3%	7.3%	7.6%	9.2%	9.6%	10.5%	10.4%	9.5%	8.8%	7.0%	7.1%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Mild Weather Case

Kissimmee Utility Auth.

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	266.3	201.6	205.5	271.0	275.6	308.9	309.0	316.0	285.0	244.7	209.1	187.5	297.8	316.0
	2012	246.5	229.6	218.8	256.8	280.1	292.7	306.5	310.4	295.6	281.7	179.0	194.4	246.5	310.4
	2013	186.6	237.7	242.8	247.5	274.7	298.6	300.5	314.1	294.5	275.6	234.7	209.0	242.8	314.1
	2014	250.2	202.2	206.5	279.5	292.2	304.8	309.7	326.9	304.5	282.4	216.3	218.6	250.2	326.9
	2015	200.8	264.5	254.2	270.1	312.0	334.8	325.3	330.4	325.5	293.1	281.7	242.9	264.5	334.8
	2016	244.0	250.9	261.3	292.5	309.6	343.0	353.7	348.8	324.3	298.5	232.0	241.6	281.7	353.7
	2017	224.9	227.4	269.7	319.1	340.0	332.9	351.9	352.5	341.0	321.8	247.6	221.5	269.7	352.5
	2018	298.2	261.6	245.0	268.4	307.3	345.6	343.8	355.6	351.9	335.0	290.9	240.9	298.2	355.6
	2019	230.8	264.2	270.3	293.2	356.1	374.5	362.7	355.8	360.1	324.6	278.2	230.7	290.9	374.5
	2020	254.3	255.7	306.6	316.2	337.7	368.7	359.4	369.5	370.8	323.4	231.9	221.0	306.6	370.8
Projected	2021	281.1	238.4	260.5	300.9	335.0	351.6	357.6	365.0	346.7	320.0	237.9	226.7	281.1	365.0
	2022	288.3	244.6	267.3	307.1	341.9	358.4	364.5	372.1	353.4	326.6	242.7	231.3	288.3	372.1
	2023	294.1	249.5	272.6	314.3	350.0	366.5	372.7	380.5	361.3	334.3	248.5	236.8	294.1	380.5
	2024	301.2	255.5	279.2	322.3	358.9	375.3	381.7	389.8	370.1	342.4	255.8	243.8	301.2	389.8
	2025	310.1	263.0	287.4	329.4	367.0	382.9	389.5	397.7	377.5	350.0	261.7	249.4	310.1	397.7
	2026	317.2	269.0	294.0	335.5	373.8	389.1	395.8	404.2	383.6	356.3	266.9	254.3	317.2	404.2
	2027	323.5	274.4	299.8	341.0	380.1	394.6	401.4	410.0	388.9	362.1	271.1	258.3	323.5	410.0
	2028	328.6	278.7	304.6	346.5	386.3	399.8	406.8	415.5	394.1	367.9	277.1	264.1	328.6	415.5
	2029	335.9	284.9	311.3	351.6	392.2	404.6	411.7	420.6	398.8	373.4	282.0	268.7	335.9	420.6
	2030	341.8	289.9	316.8	356.8	398.1	409.4	416.6	425.6	403.4	379.0	287.1	273.6	341.8	425.6
Projected	2031	348.0	295.2	322.6	361.9	404.0	414.1	421.5	430.7	408.1	384.8	291.1	277.4	348.0	430.7
	2032	352.8	299.3	327.0	367.2	410.1	419.2	426.6	436.0	413.0	390.6	297.1	283.1	352.8	436.0
	2033	360.1	305.5	333.8	372.8	416.4	424.6	432.2	441.8	418.3	396.7	302.3	288.1	360.1	441.8
	2034	366.4	310.8	339.6	378.3	422.7	430.1	437.8	447.6	423.7	402.7	307.3	292.8	366.4	447.6
	2035	372.4	315.9	345.2	384.0	429.2	435.8	443.6	453.5	429.2	408.9	311.4	296.8	372.4	453.5
	2036	377.5	320.1	349.9	389.6	435.5	441.3	449.3	459.4	434.6	414.8	317.3	302.4	377.5	459.4
	2037	384.6	326.2	356.5	395.0	441.7	446.7	454.8	465.1	439.9	420.7	322.3	307.1	384.6	465.1
	2038	390.6	331.3	362.1	400.8	448.3	452.6	460.9	471.3	445.7	427.0	327.7	312.3	390.6	471.3
	2039	397.2	336.9	368.1	407.1	455.4	458.9	467.4	478.0	452.0	433.7	332.1	316.5	397.2	478.0
	2040	402.5	341.4	373.1	413.4	462.5	465.3	473.9	484.7	458.2	440.5	341.3	325.3	402.5	484.7

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	50.4%	64.3%	63.4%	58.8%	58.1%	61.5%	64.8%	63.9%	65.8%	58.4%	61.6%	67.7%	53.0%	51.0%
	2012	54.0%	57.4%	64.9%	58.7%	62.2%	60.7%	66.6%	62.9%	61.6%	56.7%	70.1%	69.5%	64.9%	50.9%
	2013	69.9%	57.4%	55.9%	61.8%	58.8%	63.8%	62.6%	65.4%	63.2%	60.4%	58.5%	65.9%	66.3%	50.6%
	2014	59.1%	67.3%	64.6%	54.9%	59.9%	61.6%	65.0%	64.1%	61.6%	57.7%	62.1%	64.3%	65.7%	50.4%
	2015	69.4%	54.4%	60.2%	65.1%	60.6%	62.0%	64.4%	62.6%	61.8%	58.3%	58.4%	63.8%	66.7%	51.4%
	2016	59.8%	58.2%	58.2%	55.4%	60.0%	63.4%	66.5%	63.0%	64.8%	58.1%	62.4%	62.1%	63.6%	51.2%
	2017	65.4%	63.6%	55.8%	55.3%	59.3%	61.4%	64.0%	65.8%	62.1%	58.0%	61.9%	69.4%	67.7%	51.2%
	2018	56.4%	62.5%	61.2%	63.6%	59.6%	63.3%	64.9%	64.8%	65.3%	59.9%	57.9%	64.4%	63.2%	52.3%
	2019	67.9%	59.9%	57.8%	60.7%	59.1%	60.8%	64.3%	65.1%	62.3%	64.2%	56.7%	66.5%	65.9%	51.3%
	2020	61.1%	62.2%	58.0%	55.2%	56.5%	60.7%	64.1%	65.1%	60.6%	58.8%	68.1%	69.0%	62.1%	51.8%
Projected	2021	52.7%	63.7%	62.4%	58.4%	60.8%	62.7%	65.4%	63.2%	62.6%	60.9%	68.2%	69.0%	67.0%	51.3%
	2022	52.7%	63.6%	62.2%	58.4%	60.8%	62.7%	65.4%	63.2%	62.6%	60.8%	68.1%	68.9%	66.6%	51.4%
	2023	52.6%	63.5%	62.0%	58.1%	60.6%	62.6%	65.4%	63.3%	62.7%	60.8%	68.1%	69.0%	66.8%	51.3%
	2024	52.7%	62.9%	62.0%	58.1%	60.5%	62.6%	65.4%	63.2%	62.7%	60.7%	67.5%	68.6%	66.9%	51.4%
	2025	52.4%	63.2%	61.5%	58.0%	60.5%	62.6%	65.4%	63.2%	62.7%	60.6%	67.2%	68.4%	66.2%	51.4%
	2026	52.2%	63.0%	61.1%	57.9%	60.4%	62.7%	65.4%	63.2%	62.6%	60.4%	66.8%	68.2%	65.8%	51.4%
	2027	52.0%	62.8%	60.7%	57.8%	60.3%	62.7%	65.5%	63.2%	62.6%	60.3%	66.6%	68.2%	65.4%	51.5%
	2028	52.0%	62.1%	60.5%	57.6%	60.1%	62.7%	65.5%	63.2%	62.6%	60.1%	65.9%	67.7%	65.4%	51.5%
	2029	51.6%	62.3%	59.8%	57.4%	60.0%	62.7%	65.5%	63.2%	62.6%	59.9%	65.4%	67.4%	64.7%	51.5%
	2030	51.4%	62.1%	59.4%	57.2%	59.8%	62.7%	65.5%	63.2%	62.6%	59.8%	64.9%	67.2%	64.3%	51.5%
Avg.	2011-2020	61.3%	60.7%	60.0%	58.9%	59.4%	61.9%	64.7%	64.3%	62.9%	59.1%	61.8%	66.3%	63.9%	51.2%
	2021-2030	52.2%	62.9%	61.2%	57.9%	60.4%	62.7%	65.4%	63.2%	62.6%	60.4%	66.9%	68.2%	65.9%	51.4%

FMPA 2021 Load Forecast - Mild Weather Case

Kissimmee Utility Auth.

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	266.3	201.6	205.5	266.9	275.6	308.9	298.6	316.0	282.2	243.1	208.8	175.6	297.8	316.0
	2012	245.8	229.6	211.6	249.9	275.5	291.1	302.6	300.1	290.4	277.8	177.1	192.0	245.8	302.6
	2013	165.7	237.7	242.8	235.6	274.7	298.6	298.9	306.8	285.5	268.8	233.0	206.2	242.8	306.8
	2014	241.4	190.5	189.9	278.5	291.0	304.8	295.4	326.9	290.5	280.1	174.1	183.4	241.4	326.9
	2015	188.3	264.5	234.5	264.5	290.7	330.5	306.4	327.5	317.8	289.7	275.8	239.9	264.5	330.5
	2016	242.4	250.9	247.9	288.3	302.1	343.0	353.7	348.8	308.8	298.3	224.5	229.7	275.8	353.7
	2017	215.2	227.4	266.8	319.1	340.0	331.9	339.8	345.7	331.9	313.8	247.6	214.5	266.8	345.7
	2018	292.2	248.6	241.9	261.1	298.0	334.5	339.4	349.9	343.5	335.0	290.9	213.9	292.2	349.9
	2019	228.5	258.1	267.1	288.1	345.1	372.5	362.7	351.8	360.1	323.1	278.2	230.7	290.9	372.5
	2020	254.3	255.7	301.5	287.9	331.6	360.5	359.4	360.5	365.9	319.4	223.9	211.7	301.5	360.5
Projected	2021	272.9	235.3	252.9	293.0	328.5	348.8	351.5	361.3	338.4	316.0	229.7	217.2	272.9	361.3
	2022	279.9	241.4	259.4	298.9	335.3	355.5	358.2	368.3	344.9	322.6	234.3	221.5	279.9	368.3
	2023	285.5	246.2	264.6	306.0	343.2	363.5	366.3	376.7	352.6	330.1	239.9	226.8	285.5	376.7
	2024	292.4	252.1	271.0	313.7	351.9	372.3	375.2	385.8	361.1	338.2	247.0	233.6	292.4	385.8
	2025	301.0	259.6	279.0	320.7	359.8	379.8	382.7	393.6	368.3	345.6	252.7	238.9	301.0	393.6
	2026	307.9	265.5	285.4	326.5	366.5	385.9	388.9	400.0	374.2	351.8	257.7	243.6	307.9	400.0
	2027	314.0	270.8	291.0	331.9	372.7	391.3	394.4	405.7	379.3	357.6	261.8	247.5	314.0	405.7
	2028	319.0	275.1	295.6	337.1	378.8	396.5	399.6	411.2	384.3	363.3	267.6	253.0	319.0	411.2
	2029	326.1	281.2	302.2	342.1	384.5	401.2	404.4	416.2	388.8	368.7	272.3	257.5	326.1	416.2
	2030	331.8	286.1	307.5	347.1	390.3	405.9	409.1	421.1	393.2	374.2	277.2	262.1	331.8	421.1
Projected	2031	337.8	291.3	313.1	352.1	396.0	410.6	413.9	426.1	397.7	379.8	281.1	265.7	337.8	426.1
	2032	342.5	295.4	317.4	357.2	401.9	415.5	418.9	431.4	402.4	385.6	286.9	271.2	342.5	431.4
	2033	349.6	301.5	324.0	362.6	408.1	420.9	424.4	437.1	407.6	391.6	291.9	275.9	349.6	437.1
	2034	355.7	306.7	329.6	367.9	414.3	426.3	429.8	442.7	412.8	397.5	296.7	280.5	355.7	442.7
	2035	361.5	311.8	335.1	373.4	420.6	431.9	435.5	448.6	418.1	403.6	300.7	284.3	361.5	448.6
	2036	366.4	316.0	339.6	378.8	426.8	437.4	441.0	454.4	423.3	409.5	306.4	289.7	366.4	454.4
	2037	373.4	322.0	346.0	384.0	432.8	442.7	446.4	460.0	428.5	415.3	311.2	294.2	373.4	460.0
	2038	379.2	327.0	351.4	389.7	439.3	448.6	452.3	466.1	434.1	421.5	316.4	299.1	379.2	466.1
	2039	385.5	332.5	357.3	395.8	446.2	454.9	458.7	472.7	440.1	428.1	320.7	303.2	385.5	472.7
	2040	390.8	337.0	362.1	401.9	453.2	461.2	465.1	479.3	446.1	434.8	329.6	311.6	390.8	479.3

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	100.0%	100.0%	100.0%	98.5%	100.0%	100.0%	96.6%	100.0%	99.0%	99.3%	99.9%	93.6%	100.0%	100.0%
	2012	99.7%	100.0%	96.7%	97.3%	98.4%	99.5%	98.7%	96.7%	98.2%	98.6%	98.9%	98.8%	99.7%	97.5%
	2013	88.8%	100.0%	100.0%	95.2%	100.0%	100.0%	99.5%	97.7%	96.9%	97.5%	99.3%	98.7%	100.0%	97.7%
	2014	96.5%	94.2%	91.9%	99.7%	99.6%	100.0%	95.4%	100.0%	95.4%	99.2%	80.5%	83.9%	96.5%	100.0%
	2015	93.8%	100.0%	92.3%	97.9%	93.2%	98.7%	94.2%	99.1%	97.6%	98.8%	97.9%	98.8%	100.0%	98.7%
	2016	99.3%	100.0%	94.8%	98.6%	97.6%	100.0%	100.0%	100.0%	95.2%	99.9%	96.8%	95.1%	97.9%	100.0%
	2017	95.7%	100.0%	98.9%	100.0%	100.0%	99.7%	96.6%	98.0%	97.3%	97.5%	100.0%	96.8%	98.9%	98.0%
	2018	98.0%	95.0%	98.7%	97.3%	97.0%	96.8%	98.7%	98.4%	97.6%	100.0%	100.0%	88.8%	98.0%	98.4%
	2019	99.0%	97.7%	98.8%	98.2%	96.9%	99.5%	100.0%	98.9%	100.0%	99.5%	100.0%	100.0%	100.0%	99.5%
	2020	100.0%	100.0%	98.3%	91.0%	98.2%	97.8%	100.0%	97.6%	98.7%	98.8%	96.6%	95.8%	98.3%	97.2%
Projected	2021	97.1%	98.7%	97.1%	97.4%	98.1%	99.2%	98.3%	99.0%	97.6%	98.8%	96.6%	95.8%	97.1%	99.0%
	2022	97.1%	98.7%	97.1%	97.3%	98.1%	99.2%	98.3%	99.0%	97.6%	98.8%	96.6%	95.8%	97.1%	99.0%
	2023	97.1%	98.7%	97.1%	97.3%	98.1%	99.2%	98.3%	99.0%	97.6%	98.8%	96.6%	95.8%	97.1%	99.0%
	2024	97.1%	98.7%	97.1%	97.3%	98.1%	99.2%	98.3%	99.0%	97.6%	98.8%	96.6%	95.8%	97.1%	99.0%
	2025	97.1%	98.7%	97.1%	97.3%	98.1%	99.2%	98.3%	99.0%	97.6%	98.8%	96.6%	95.8%	97.1%	99.0%
	2026	97.1%	98.7%	97.1%	97.3%	98.1%	99.2%	98.3%	99.0%	97.5%	98.7%	96.6%	95.8%	97.1%	99.0%
	2027	97.1%	98.7%	97.1%	97.3%	98.0%	99.2%	98.2%	99.0%	97.5%	98.7%	96.6%	95.8%	97.1%	99.0%
	2028	97.1%	98.7%	97.1%	97.3%	98.0%	99.2%	98.2%	99.0%	97.5%	98.7%	96.6%	95.8%	97.1%	99.0%
	2029	97.1%	98.7%	97.1%	97.3%	98.0%	99.2%	98.2%	99.0%	97.5%	98.7%	96.6%	95.8%	97.1%	99.0%
	2030	97.1%	98.7%	97.1%	97.3%	98.0%	99.1%	98.2%	98.9%	97.5%	98.7%	96.6%	95.8%	97.1%	98.9%
	2011-2020	97.1%	98.7%	97.1%	97.4%	98.1%	99.2%	98.0%	98.6%	97.6%	98.9%	97.0%	95.0%	98.9%	98.7%
	2021-2030	97.1%	98.7%	97.1%	97.3%	98.1%	99.2%	98.3%	99.0%	97.5%	98.7%	96.6%	95.8%	97.1%	99.0%

FMPA 2021 Load Forecast - Mild Weather Case - KUA

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service Non-Demand						General Service Demand						Lights		City		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	733,223		53,562		13,689		170,573		8,465		20.2		435,830		846		515		16,149		3,539		1,359,313		51,289	3.6%	1,410,602	
	2012	702,353	-4.2%	54,675	2.1%	12,846	-6.2%	166,918	-2.1%	8,470	0.1%	19.7	-2.2%	437,819	0.5%	862	1.9%	508	-1.4%	16,326	1.1%	4,174	18.0%	1,327,589	-2.3%	56,730	4.1%	1,384,319	-1.9%
	2013	709,471	1.0%	55,713	1.9%	12,734	-0.9%	165,185	-1.0%	8,506	0.4%	19.4	-1.5%	443,065	1.2%	856	-0.6%	517	1.8%	16,616	1.8%	3,414	-18.2%	1,337,750	0.8%	55,741	4.0%	1,393,491	0.7%
	2014	741,059	4.5%	56,781	1.9%	13,051	2.5%	171,701	3.9%	8,634	1.5%	19.9	2.4%	448,067	1.1%	831	-3.0%	540	4.3%	16,769	0.9%	3,414	0.0%	1,381,011	3.2%	61,305	4.3%	1,442,316	3.5%
	2015	785,853	6.0%	58,298	2.7%	13,480	3.3%	178,421	3.9%	8,746	1.3%	20.4	2.6%	457,858	2.2%	833	0.3%	549	1.8%	17,137	2.2%	3,450	1.1%	1,442,719	4.5%	65,406	4.3%	1,508,124	4.6%
	2016	833,290	6.0%	60,178	3.2%	13,847	2.7%	189,100	6.0%	8,885	1.6%	21.3	4.3%	473,045	3.3%	843	1.1%	561	2.2%	17,675	3.1%	3,448	-0.1%	1,516,558	5.1%	68,935	4.3%	1,585,494	5.1%
	2017	827,838	-0.7%	61,988	3.0%	13,355	-3.6%	185,698	-1.8%	8,920	0.4%	20.8	-2.2%	474,636	0.3%	862	2.3%	551	-1.9%	18,096	2.4%	3,441	-0.2%	1,509,708	-0.5%	70,861	4.5%	1,580,568	-0.3%
	2018	864,038	4.4%	64,042	3.3%	13,492	1.0%	189,263	1.9%	9,051	1.5%	20.9	0.4%	487,739	2.8%	875	1.5%	557	1.2%	18,478	2.1%	3,512	2.1%	1,563,030	3.5%	66,928	4.1%	1,629,958	3.1%
	2019	915,636	6.0%	66,750	4.2%	13,717	1.7%	193,485	2.2%	9,247	2.2%	20.9	0.1%	492,400	1.0%	901	2.9%	547	-1.9%	18,912	2.3%	3,303	-6.0%	1,623,736	3.9%	57,843	3.4%	1,681,579	3.2%
	2020	956,188	4.4%	69,349	3.9%	13,788	0.5%	184,116	-4.8%	9,495	2.7%	19.4	-7.3%	467,739	-5.0%	917	1.8%	510	-6.7%	19,475	3.0%	3,225	-2.3%	1,630,743	0.4%	51,430	3.1%	1,682,173	0.0%
Projected	2021	913,750	-4.4%	71,920	3.7%	12,705	-7.9%	179,394	-2.6%	9,713	2.3%	18.5	-4.8%	473,592	1.3%	921	0.4%	514	0.8%	19,578	0.5%	3,225	0.0%	1,589,539	-2.5%	61,448	3.7%	1,650,987	-1.9%
	2022	937,361	2.6%	74,046	3.0%	12,659	-0.4%	180,826	0.8%	9,820	1.1%	18.4	-0.3%	480,454	1.4%	930	1.0%	516	0.4%	19,578	0.0%	3,225	0.0%	1,621,445	2.0%	69,894	4.1%	1,691,339	2.4%
	2023	961,711	2.6%	76,135	2.8%	12,632	-0.2%	183,338	1.4%	9,943	1.2%	18.4	0.1%	490,074	2.0%	940	1.0%	522	1.0%	19,578	0.0%	3,225	0.0%	1,657,927	2.3%	71,474	4.1%	1,729,401	2.3%
	2024	988,759	2.8%	78,213	2.7%	12,642	0.1%	187,777	2.4%	10,070	1.3%	18.6	1.1%	503,643	2.8%	948	0.9%	531	1.8%	19,578	0.0%	3,225	0.0%	1,702,982	2.7%	76,155	4.3%	1,779,137	2.9%
	2025	1,016,720	2.8%	80,289	2.7%	12,663	0.2%	191,381	1.9%	10,199	1.3%	18.8	0.6%	515,532	2.4%	956	0.9%	539	1.5%	19,578	0.0%	3,225	0.0%	1,746,436	2.6%	75,279	4.1%	1,821,715	2.4%
	2026	1,042,997	2.6%	82,352	2.6%	12,665	0.0%	194,052	1.4%	10,330	1.3%	18.8	0.1%	525,453	1.9%	964	0.8%	545	1.1%	19,578	0.0%	3,225	0.0%	1,785,304	2.2%	76,904	4.1%	1,862,209	2.2%
	2027	1,067,913	2.4%	84,384	2.5%	12,655	-0.1%	196,180	1.1%	10,462	1.3%	18.8	-0.2%	533,959	1.6%	971	0.8%	550	0.8%	19,578	0.0%	3,225	0.0%	1,820,855	2.0%	78,412	4.1%	1,899,268	2.0%
	2028	1,093,828	2.4%	86,430	2.4%	12,656	0.0%	198,060	1.0%	10,592	1.2%	18.7	-0.3%	541,664	1.4%	979	0.7%	554	0.7%	19,578	0.0%	3,225	0.0%	1,856,355	1.9%	82,909	4.3%	1,939,264	2.1%
	2029	1,119,741	2.4%	88,482	2.4%	12,655	0.0%	199,779	0.9%	10,720	1.2%	18.6	-0.3%	548,936	1.3%	986	0.7%	557	0.6%	19,578	0.0%	3,225	0.0%	1,891,259	1.9%	81,414	4.1%	1,972,673	1.7%
	2030	1,145,562	2.3%	90,536	2.3%	12,653	0.0%	201,380	0.8%	10,846	1.2%	18.6	-0.4%	555,957	1.3%	992	0.7%	560	0.6%	19,578	0.0%	3,225	0.0%	1,925,703	1.8%	82,889	4.1%	2,008,592	1.8%
	2031	1,172,322	2.3%	92,576	2.3%	12,663	0.1%	202,887	0.7%	10,970	1.1%	18.5	-0.4%	562,693	1.2%	999	0.7%	563	0.5%	19,578	0.0%	3,225	0.0%	1,960,706	1.8%	84,377	4.1%	2,045,083	1.8%
	2032	1,198,948	2.3%	94,577	2.2%	12,677	0.1%	204,352	0.7%	11,087	1.1%	18.4	-0.3%	569,163	1.1%	1,005	0.6%	566	0.5%	19,578	0.0%	3,225	0.0%	1,995,267	1.8%	89,046	4.3%	2,084,313	1.9%
	2033	1,226,485	2.3%	96,583	2.1%	12,699	0.2%	205,834	0.7%	11,203	1.0%	18.4	-0.3%	575,553	1.1%	1,012	0.6%	569	0.5%	19,578	0.0%	3,225	0.0%	2,030,676	1.8%	87,370	4.1%	2,118,045	1.6%
	2034	1,254,248	2.3%	98,597	2.1%	12,721	0.2%	207,295	0.7%	11,319	1.0%	18.3	-0.3%	581,823	1.1%	1,018	0.6%	572	0.5%	19,578	0.0%	3,225	0.0%	2,066,170	1.7%	88,879	4.1%	2,155,049	1.7%
	2035	1,281,793	2.2%	100,623	2.1%	12,739	0.1%	208,741	0.7%	11,436	1.0%	18.3	-0.3%	588,048	1.1%	1,024	0.6%	574	0.5%	19,578	0.0%	3,225	0.0%	2,101,386	1.7%	90,385	4.1%	2,191,771	1.7%
	2036	1,309,546	2.2%	102,654	2.0%	12,757	0.1%	210,169	0.7%	11,554	1.0%	18.2	-0.3%	594,225	1.1%	1,030	0.6%	577	0.5%	19,578	0.0%	3,225	0.0%	2,136,743	1.7%	95,301	4.3%	2,232,044	1.8%
	2037	1,336,115	2.0%	104,679	2.0%	12,764	0.1%	211,554	0.7%	11,672	1.0%	18.1	-0.4%	600,301	1.0%	1,036	0.6%	580	0.5%	19,578	0.0%	3,225	0.0%	2,170,773	1.6%	93,334	4.1%	2,264,107	1.4%
	2038	1,364,117	2.1%	106,723	2.0%	12,782	0.1%	212,899	0.6%	11,787	1.0%	18.1	-0.4%	606,329	1.0%	1,041	0.6%	582	0.4%	19,578	0.0%	3,225	0.0%	2,206,148	1.6%	94,857	4.1%	2,301,005	1.6%
	2039	1,394,641	2.2%	108,785	1.9%	12,820	0.3%	214,235	0.6%	11,903	1.0%	18.0	-0.4%	612,372	1.0%	1,047	0.6%	585	0.4%	19,578	0.0%	3,225	0.0%	2,244,051	1.7%	96,483	4.1%	2,340,534	1.7%
	2040	1,425,801	2.2%	110,876	1.9%	12,859	0.3%	215,570	0.6%	12,019	1.0%	17.9	-0.3%	618,432	1.0%	1,053	0.5%	587	0.4%	19,578	0.0%	3,225	0.0%	2,282,606	1.7%	101,768	4.3%	2,384,374	1.9%
CAGR	2011-2020		3.0%		2.9%		0.1%		0.9%		1.3%		-0.4%		0.8%		0.9%		-0.1%		2.1%		-1.0%		2.0%		4.0%		2.0%
	2021-2030		2.5%		2.6%		0.0%		1.3%		1.2%		0.1%		1.8%		0.8%		1.0%		0.0%		0.0%		2.2%		4.1%		2.2%
	2031-2040		2.2%		2.0%		0.2%		0.7%		1.0%		-0.3%		1.1%		0.6%		0.5%		0.0%		0.0%		1.7%		4.2%		1.7%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - Severe Weather Case

Kissimmee Utility Auth.

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	1,410,602	-	1,369,867	-	-2.9%	297.8	-	268.3	-	-9.9%	316.0	-	316.7		0.2%
	2012	1,384,319	-1.9%	1,407,870	2.8%	1.7%	245.8	-17.5%	235.6	-12.2%	-4.2%	302.6	-4.2%	333.5	5.3%	10.2%
	2013	1,393,491	0.7%	1,409,290	0.1%	1.1%	242.8	-1.2%	216.5	-8.1%	-10.8%	306.8	1.4%	324.7	-2.6%	5.8%
	2014	1,442,316	3.5%	1,426,705	1.2%	-1.1%	241.4	-0.6%	271.5	25.4%	12.5%	326.9	6.5%	317.4	-2.2%	-2.9%
	2015	1,508,124	4.6%	1,464,205	2.6%	-2.9%	264.5	9.6%	222.6	-18.0%	-15.8%	330.5	1.1%	335.0	5.5%	1.4%
	2016	1,585,494	5.1%	1,533,718	4.7%	-3.3%	275.8	4.3%	249.1	11.9%	-9.7%	353.7	7.0%	347.2	3.6%	-1.8%
	2017	1,580,568	-0.3%	1,597,033	4.1%	1.0%	266.8	-3.2%	249.4	0.1%	-6.5%	345.7	-2.3%	363.8	4.8%	5.2%
	2018	1,629,958	3.1%	1,626,613	1.9%	-0.2%	292.2	9.5%	263.7	5.7%	-9.7%	349.9	1.2%	374.8	3.0%	7.1%
	2019	1,681,579	3.2%	1,634,567	0.5%	-2.8%	290.9	-0.4%	293.2	11.2%	0.8%	372.5	6.5%	370.7	-1.1%	-0.5%
	2020	1,682,173	0.0%	1,633,599	-0.1%	-2.9%	301.5	3.6%	277.5	-5.4%	-8.0%	360.5	-3.2%	363.6	-1.9%	0.9%
Projected	2021	1,787,891	6.3%	1,787,891	9.4%		332.8	10.4%	332.8	19.9%		398.5	10.6%	398.5	9.6%	
	2022			1,834,366	2.6%				341.8	2.7%				407.5	2.2%	
	2023			1,875,980	2.3%				348.8	2.1%				417.7	2.5%	
	2024			1,930,106	2.9%				357.0	2.3%				429.0	2.7%	
	2025			1,976,476	2.4%				367.9	3.1%				439.7	2.5%	
	2026			2,020,775	2.2%				376.5	2.3%				449.2	2.2%	
	2027			2,061,385	2.0%				384.2	2.0%				458.2	2.0%	
	2028			2,105,402	2.1%				390.2	1.6%				467.3	2.0%	
	2029			2,142,103	1.7%				399.4	2.4%				476.1	1.9%	
	2030			2,181,631	1.8%				406.7	1.8%				485.1	1.9%	
	2031			2,221,864	1.8%				414.4	1.9%				494.0	1.8%	
	2032			2,265,200	2.0%				420.2	1.4%				502.9	1.8%	
	2033			2,302,358	1.6%				429.5	2.2%				512.1	1.8%	
	2034			2,343,222	1.8%				437.2	1.8%				521.2	1.8%	
	2035			2,383,757	1.7%				444.8	1.7%				530.4	1.8%	
	2036			2,428,336	1.9%				450.8	1.4%				539.3	1.7%	
	2037			2,463,637	1.5%				459.9	2.0%				548.1	1.6%	
	2038			2,504,395	1.7%				467.4	1.6%				557.5	1.7%	
	2039			2,548,132	1.7%				475.6	1.8%				567.4	1.8%	
	2040			2,596,754	1.9%				482.1	1.4%				577.3	1.8%	
CAGR [3]	2011-2020		2.0%		2.0%			0.1%		0.4%			1.5%		1.5%	
	2021-2030				2.2%					2.3%					2.2%	
	2031-2040				1.7%					1.7%					1.7%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Kissimmee Utility Auth.

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	1,410,602	-	1,410,602	-	297.8	316.0	297.8	316.0	297.8	316.0	297.8	316.0
	2012	1,384,319	-1.9%	1,384,319	-1.9%	246.5	310.4	246.5	310.4	245.8	302.6	245.8	302.6
	2013	1,393,491	0.7%	1,393,491	0.7%	242.8	314.1	242.8	314.1	242.8	306.8	242.8	306.8
	2014	1,442,316	3.5%	1,442,316	3.5%	250.2	326.9	250.2	326.9	241.4	326.9	241.4	326.9
	2015	1,508,124	4.6%	1,508,124	4.6%	264.5	334.8	264.5	334.8	264.5	330.5	264.5	330.5
	2016	1,585,494	5.1%	1,585,494	5.1%	281.7	353.7	281.7	353.7	275.8	353.7	275.8	353.7
	2017	1,580,568	-0.3%	1,580,568	-0.3%	269.7	352.5	269.7	352.5	266.8	345.7	266.8	345.7
	2018	1,629,958	3.1%	1,629,958	3.1%	298.2	355.6	298.2	355.6	292.2	349.9	292.2	349.9
	2019	1,681,579	3.2%	1,681,579	3.2%	290.9	374.5	290.9	374.5	290.9	372.5	290.9	372.5
	2020	1,682,173	0.0%	1,736,963	3.3%	306.6	370.8	330.2	390.7	301.5	360.5	320.2	386.3
Projected	2021	1,787,891	6.3%	1,766,267	1.7%	342.8	402.6	336.9	398.1	332.8	398.5	326.7	393.7
	2022	1,834,366	2.6%	1,801,566	2.0%	352.1	411.6	343.5	406.3	341.8	407.5	333.1	401.8
	2023	1,875,980	2.3%	1,839,149	2.1%	359.3	421.9	350.8	414.9	348.8	417.7	340.1	410.3
	2024	1,930,106	2.9%	1,881,196	2.3%	367.8	433.4	356.8	423.8	357.0	429.0	346.0	419.1
	2025	1,976,476	2.4%	1,918,130	2.0%	379.0	444.2	365.9	432.9	367.9	439.7	354.8	428.1
	2026	2,020,775	2.2%	1,958,185	2.1%	387.9	453.7	373.7	441.9	376.5	449.2	362.3	437.0
	2027	2,061,385	2.0%	1,995,847	1.9%	395.7	462.8	381.0	450.3	384.2	458.2	369.5	445.3
	2028	2,105,402	2.1%	2,035,613	2.0%	402.0	472.0	386.6	458.6	390.2	467.3	374.8	453.5
	2029	2,142,103	1.7%	2,068,346	1.6%	411.4	481.0	395.1	466.7	399.4	476.1	383.1	461.5
	2030	2,181,631	1.8%	2,104,227	1.7%	419.0	490.0	401.9	474.9	406.7	485.1	389.7	469.7
	2031	2,221,864	1.8%	2,141,836	1.8%	426.9	499.0	409.2	483.5	414.4	494.0	396.7	478.1
	2032	2,265,200	2.0%	2,183,620	2.0%	432.8	508.0	414.9	492.3	420.2	502.9	402.3	486.8
	2033	2,302,358	1.6%	2,218,637	1.6%	442.4	517.3	423.9	501.0	429.5	512.1	411.1	495.5
	2034	2,343,222	1.8%	2,256,830	1.7%	450.4	526.5	431.4	509.6	437.2	521.2	418.3	504.0
	2035	2,383,757	1.7%	2,294,806	1.7%	458.2	535.7	438.6	518.4	444.8	530.4	425.3	512.6
	2036	2,428,336	1.9%	2,336,698	1.8%	464.4	544.8	444.4	526.9	450.8	539.3	430.9	521.1
	2037	2,463,637	1.5%	2,370,178	1.4%	473.8	553.7	453.3	535.4	459.9	548.1	439.5	529.5
	2038	2,504,395	1.7%	2,408,999	1.6%	481.5	563.1	460.6	544.5	467.4	557.5	446.6	538.4
	2039	2,548,132	1.7%	2,450,113	1.7%	489.9	573.1	468.5	553.9	475.6	567.4	454.3	547.7
	2040	2,596,754	1.9%			496.6	583.2			482.1	577.3		
CAGR[1]	Historical		2.0%		2.2%	0.3%	1.8%	-0.3%	2.1%	2.6%	2.2%	2.4%	3.0%
	1st 10 Prj Yrs		2.2%		2.0%	2.3%	2.2%	2.0%	2.0%	2.3%	2.2%	2.0%	2.0%
	2nd 10 Prj Yrs		1.7%		1.7%	1.7%	1.7%	1.7%	1.7%	1.7%	1.7%	1.7%	1.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Kissimmee Utility Auth.

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	1,410,602	-	1,369,867	-	-2.9%	297.8	-	268.3	-	-9.9%	316.0	-	316.7		0.2%
	2012	1,384,319	-1.9%	1,407,870	2.8%	1.7%	245.8	-17.5%	235.6	-12.2%	-4.2%	302.6	-4.2%	333.5	5.3%	10.2%
	2013	1,393,491	0.7%	1,409,290	0.1%	1.1%	242.8	-1.2%	216.5	-8.1%	-10.8%	306.8	1.4%	324.7	-2.6%	5.8%
	2014	1,442,316	3.5%	1,426,705	1.2%	-1.1%	241.4	-0.6%	271.5	25.4%	12.5%	326.9	6.5%	317.4	-2.2%	-2.9%
	2015	1,508,124	4.6%	1,464,205	2.6%	-2.9%	264.5	9.6%	222.6	-18.0%	-15.8%	330.5	1.1%	335.0	5.5%	1.4%
	2016	1,585,494	5.1%	1,533,718	4.7%	-3.3%	275.8	4.3%	249.1	11.9%	-9.7%	353.7	7.0%	347.2	3.6%	-1.8%
	2017	1,580,568	-0.3%	1,597,033	4.1%	1.0%	266.8	-3.2%	249.4	0.1%	-6.5%	345.7	-2.3%	363.8	4.8%	5.2%
	2018	1,629,958	3.1%	1,626,613	1.9%	-0.2%	292.2	9.5%	263.7	5.7%	-9.7%	349.9	1.2%	374.8	3.0%	7.1%
	2019	1,681,579	3.2%	1,634,567	0.5%	-2.8%	290.9	-0.4%	293.2	11.2%	0.8%	372.5	6.5%	370.7	-1.1%	-0.5%
	2020	1,682,173	0.0%	1,617,303	-1.1%	-3.9%	301.5	3.6%	277.5	-5.4%	-8.0%	360.5	-3.2%	363.6	-1.9%	0.9%
Projected	2021	1,777,498	5.7%	1,777,498	9.9%		332.8	10.4%	332.8	19.9%		396.1	9.9%	396.1	8.9%	
	2022			1,819,519	2.4%				341.8	2.7%				403.9	2.0%	
	2023			1,857,003	2.1%				348.8	2.1%				413.2	2.3%	
	2024			1,906,155	2.6%				357.0	2.3%				423.3	2.5%	
	2025			1,944,629	2.0%				367.9	3.1%				432.2	2.1%	
	2026			1,979,756	1.8%				376.5	2.3%				439.4	1.7%	
	2027			2,009,966	1.5%				384.2	2.0%				446.0	1.5%	
	2028			2,042,318	1.6%				390.2	1.6%				452.3	1.4%	
	2029			2,066,545	1.2%				399.4	2.4%				458.1	1.3%	
	2030			2,092,878	1.3%				406.7	1.8%				464.0	1.3%	
	2031			2,120,277	1.3%				414.4	1.9%				469.8	1.3%	
	2032			2,151,531	1.5%				420.2	1.4%				475.9	1.3%	
	2033			2,177,839	1.2%				429.5	2.2%				482.5	1.4%	
	2034			2,208,188	1.4%				437.2	1.8%				489.1	1.4%	
	2035			2,238,684	1.4%				444.8	1.7%				495.9	1.4%	
	2036			2,273,191	1.5%				450.8	1.4%				502.5	1.3%	
	2037			2,298,962	1.1%				459.9	2.0%				508.9	1.3%	
	2038			2,330,009	1.4%				467.4	1.6%				516.0	1.4%	
	2039			2,363,898	1.5%				475.6	1.8%				523.6	1.5%	
	2040			2,402,393	1.6%				482.1	1.4%				531.2	1.5%	
CAGR [3]	2011-2020		2.0%		1.9%			0.1%		0.4%			1.5%		1.5%	
	2021-2030				1.8%					2.3%					1.8%	
	2031-2040				1.4%					1.7%					1.4%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Kissimmee Utility Auth.

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	1,410,602	-	1,369,867	-	-2.9%	297.8	-	54.1%	316.0	-	51.0%
	2012	1,384,319	-1.9%	1,407,870	2.8%	1.7%	246.5	-17.2%	64.1%	310.4	-1.8%	50.9%
	2013	1,393,491	0.7%	1,409,290	0.1%	1.1%	242.8	-1.5%	65.5%	314.1	1.2%	50.6%
	2014	1,442,316	3.5%	1,426,705	1.2%	-1.1%	250.2	3.0%	65.8%	326.9	4.1%	50.4%
	2015	1,508,124	4.6%	1,464,205	2.6%	-2.9%	264.5	5.7%	65.1%	334.8	2.4%	51.4%
	2016	1,585,494	5.1%	1,533,718	4.7%	-3.3%	281.7	6.5%	64.2%	353.7	5.6%	51.2%
	2017	1,580,568	-0.3%	1,597,033	4.1%	1.0%	269.7	-4.3%	66.9%	352.5	-0.3%	51.2%
	2018	1,629,958	3.1%	1,626,613	1.9%	-0.2%	298.2	10.6%	62.4%	355.6	0.9%	52.3%
	2019	1,681,579	3.2%	1,634,567	0.5%	-2.8%	290.9	-2.5%	66.0%	374.5	5.3%	51.3%
	2020	1,682,173	0.0%	1,633,599	-0.1%	-2.9%	306.6	5.4%	62.6%	370.8	-1.0%	51.8%
Projected	2021	1,777,498	5.7%	1,777,498	8.8%		342.8	11.8%	59.2%	400.1	7.9%	50.7%
	2022	1,819,519	2.4%	1,819,519	2.4%		352.1	2.7%	59.0%	408.1	2.0%	50.9%
	2023	1,857,003	2.1%	1,857,003	2.1%		359.3	2.1%	59.0%	417.4	2.3%	50.8%
	2024	1,906,155	2.6%	1,906,155	2.6%		367.8	2.3%	59.2%	427.7	2.5%	50.9%
	2025	1,944,629	2.0%	1,944,629	2.0%		379.0	3.1%	58.6%	436.6	2.1%	50.8%
	2026	1,979,756	1.8%	1,979,756	1.8%		387.9	2.3%	58.3%	444.0	1.7%	50.9%
	2027	2,009,966	1.5%	2,009,966	1.5%		395.7	2.0%	58.0%	450.6	1.5%	50.9%
	2028	2,042,318	1.6%	2,042,318	1.6%		402.0	1.6%	58.0%	457.1	1.4%	51.0%
	2029	2,066,545	1.2%	2,066,545	1.2%		411.4	2.4%	57.3%	463.0	1.3%	51.0%
	2030	2,092,878	1.3%	2,092,878	1.3%		419.0	1.8%	57.0%	468.9	1.3%	51.0%
	2031	2,120,277	1.3%	2,120,277	1.3%		426.9	1.9%	56.7%	474.8	1.3%	51.0%
	2032	2,151,531	1.5%	2,151,531	1.5%		432.8	1.4%	56.7%	481.0	1.3%	51.1%
	2033	2,177,839	1.2%	2,177,839	1.2%		442.4	2.2%	56.2%	487.7	1.4%	51.0%
	2034	2,208,188	1.4%	2,208,188	1.4%		450.4	1.8%	56.0%	494.4	1.4%	51.0%
	2035	2,238,684	1.4%	2,238,684	1.4%		458.2	1.7%	55.8%	501.3	1.4%	51.0%
	2036	2,273,191	1.5%	2,273,191	1.5%		464.4	1.4%	55.9%	508.0	1.3%	51.1%
	2037	2,298,962	1.1%	2,298,962	1.1%		473.8	2.0%	55.4%	514.5	1.3%	51.0%
	2038	2,330,009	1.4%	2,330,009	1.4%		481.5	1.6%	55.2%	521.7	1.4%	51.0%
	2039	2,363,898	1.5%	2,363,898	1.5%		489.9	1.8%	55.1%	529.3	1.5%	51.0%
	2040	2,402,393	1.6%	2,402,393	1.6%		496.6	1.4%	55.2%	537.1	1.5%	51.1%
CAGR [1]	2011-2020		2.0%		2.0%			0.3%	63.7%		1.8%	51.2%
	2021-2030		1.8%		1.8%			2.3%	58.4%		1.8%	50.9%
	2031-2040		1.4%		1.4%			1.7%	55.8%		1.4%	51.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Kissimmee Utility Auth.

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	99,949	87,150	96,959	114,800	119,139	136,792	148,878	150,303	135,051	106,394	92,689	94,453	1,382,557	1,410,602
	2012	98,998	91,687	105,713	108,522	129,597	128,011	151,954	145,222	131,080	118,873	90,328	100,484	1,400,469	1,384,319
	2013	96,990	91,621	100,924	110,040	120,175	137,093	140,057	152,823	134,082	123,911	98,852	102,468	1,409,036	1,393,491
	2014	109,914	91,439	99,187	110,495	130,165	135,158	149,881	155,803	135,044	121,145	96,769	104,597	1,439,597	1,442,316
	2015	103,693	96,660	113,854	126,671	140,753	149,474	155,903	153,768	144,838	127,152	118,417	115,346	1,546,528	1,508,124
	2016	108,578	101,700	113,245	116,616	138,131	156,564	174,908	163,529	151,309	129,038	104,268	111,658	1,569,544	1,585,494
	2017	109,483	97,224	111,883	127,009	150,065	147,185	167,510	172,702	152,542	138,906	110,375	114,326	1,599,211	1,580,568
	2018	125,154	109,916	111,569	122,878	136,385	157,417	165,976	171,539	165,517	149,266	121,372	115,408	1,652,396	1,629,958
	2019	116,681	106,266	116,281	128,221	156,605	164,036	173,582	172,266	161,596	155,160	113,613	114,112	1,678,418	1,681,579
	2020	115,574	110,638	132,394	125,558	141,895	161,210	171,359	178,850	161,809	141,418	113,700	132,789	1,687,195	1,682,173
Projected	2021	142,850	122,164	122,459	126,476	151,499	171,902	191,714	189,477	171,049	147,117	116,892	136,164	1,789,764	1,777,498
	2022	146,553	125,285	125,223	129,176	154,586	175,313	195,577	193,267	174,367	149,925	118,937	138,723	1,826,932	1,819,519
	2023	149,450	127,777	127,438	131,563	157,783	179,035	200,025	197,852	178,494	153,536	121,821	142,344	1,867,117	1,857,003
	2024	153,350	134,130	130,608	134,791	161,639	183,478	204,960	202,645	182,855	156,987	124,365	145,775	1,915,581	1,906,155
	2025	157,116	134,279	133,336	137,593	165,082	187,328	209,307	206,880	186,581	160,060	126,588	148,818	1,952,969	1,944,629
	2026	160,443	137,055	135,582	139,886	167,931	190,496	212,905	210,369	189,623	162,549	128,328	151,376	1,986,544	1,979,756
	2027	163,300	139,462	137,426	141,803	170,391	193,268	216,126	213,531	192,405	164,856	129,919	153,855	2,016,342	2,009,966
	2028	166,113	145,083	139,171	143,622	172,764	195,949	219,270	216,613	195,104	167,102	131,433	156,294	2,048,518	2,042,318
	2029	168,885	144,157	140,794	145,304	174,974	198,427	222,178	219,443	197,553	169,157	132,781	158,567	2,072,221	2,066,545
	2030	171,499	146,366	142,298	146,887	177,101	200,840	225,059	222,282	200,040	171,359	134,261	160,998	2,098,991	2,092,878
Projected	2031	174,279	148,693	143,903	148,548	179,298	203,315	227,980	225,131	202,512	173,575	135,749	163,371	2,126,354	2,120,277
	2032	177,008	154,426	145,538	150,246	181,542	205,867	230,999	228,097	205,114	175,909	137,354	165,840	2,157,939	2,151,531
	2033	179,853	153,399	147,323	152,094	183,958	208,630	234,254	231,295	207,931	178,384	139,066	168,403	2,184,589	2,177,839
	2034	182,789	155,868	149,174	153,991	186,409	211,416	237,507	234,471	210,710	180,808	140,739	170,880	2,214,761	2,208,188
	2035	185,643	158,285	151,018	155,896	188,886	214,263	240,855	237,774	213,637	183,353	142,524	173,499	2,245,633	2,238,684
	2036	188,633	164,429	152,928	157,841	191,377	217,088	244,133	240,963	216,424	185,740	144,167	175,919	2,279,641	2,273,191
	2037	191,413	163,139	154,713	159,680	193,759	219,814	247,328	244,100	219,191	188,126	145,825	178,374	2,305,460	2,298,962
	2038	194,259	165,564	156,588	161,625	196,296	222,751	250,798	247,542	222,262	190,777	147,695	181,104	2,337,262	2,330,009
	2039	197,415	168,236	158,671	163,761	199,053	225,930	254,525	251,212	225,519	193,579	149,664	183,933	2,371,498	2,363,898
	2040	200,673	174,836	160,813	165,944	201,854	229,148	258,280	254,894	228,773	196,368	151,616	186,734	2,409,935	2,402,393

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	7.2%	6.3%	7.0%	8.3%	8.6%	9.9%	10.8%	10.9%	9.8%	7.7%	6.7%	6.8%	100.0%
	2012	7.1%	6.5%	7.5%	7.7%	9.3%	9.1%	10.9%	10.4%	9.4%	8.5%	6.4%	7.2%	100.0%
	2013	6.9%	6.5%	7.2%	7.8%	8.5%	9.7%	9.9%	10.8%	9.5%	8.8%	7.0%	7.3%	100.0%
	2014	7.6%	6.4%	6.9%	7.7%	9.0%	9.4%	10.4%	10.8%	9.4%	8.4%	6.7%	7.3%	100.0%
	2015	6.7%	6.3%	7.4%	8.2%	9.1%	9.7%	10.1%	9.9%	9.4%	8.2%	7.7%	7.5%	100.0%
	2016	6.9%	6.5%	7.2%	7.4%	8.8%	10.0%	11.1%	10.4%	9.6%	8.2%	6.6%	7.1%	100.0%
	2017	6.8%	6.1%	7.0%	7.9%	9.4%	9.2%	10.5%	10.8%	9.5%	8.7%	6.9%	7.1%	100.0%
	2018	7.6%	6.7%	6.8%	7.4%	8.3%	9.5%	10.0%	10.4%	10.0%	9.0%	7.3%	7.0%	100.0%
	2019	7.0%	6.3%	6.9%	7.6%	9.3%	9.8%	10.3%	10.3%	9.6%	9.2%	6.8%	6.8%	100.0%
	2020	6.9%	6.6%	7.8%	7.4%	8.4%	9.6%	10.2%	10.6%	9.6%	8.4%	6.7%	7.9%	100.0%
Projected	2021	8.0%	6.8%	6.8%	7.1%	8.5%	9.6%	10.7%	10.6%	9.6%	8.2%	6.5%	7.6%	100.0%
	2022	8.0%	6.9%	6.9%	7.1%	8.5%	9.6%	10.7%	10.6%	9.5%	8.2%	6.5%	7.6%	100.0%
	2023	8.0%	6.8%	6.8%	7.0%	8.5%	9.6%	10.7%	10.6%	9.6%	8.2%	6.5%	7.6%	100.0%
	2024	8.0%	7.0%	6.8%	7.0%	8.4%	9.6%	10.7%	10.6%	9.5%	8.2%	6.5%	7.6%	100.0%
	2025	8.0%	6.9%	6.8%	7.0%	8.5%	9.6%	10.7%	10.6%	9.6%	8.2%	6.5%	7.6%	100.0%
	2026	8.1%	6.9%	6.8%	7.0%	8.5%	9.6%	10.7%	10.6%	9.5%	8.2%	6.5%	7.6%	100.0%
	2027	8.1%	6.9%	6.8%	7.0%	8.5%	9.6%	10.7%	10.6%	9.5%	8.2%	6.4%	7.6%	100.0%
	2028	8.1%	7.1%	6.8%	7.0%	8.4%	9.6%	10.7%	10.6%	9.5%	8.2%	6.4%	7.6%	100.0%
	2029	8.1%	7.0%	6.8%	7.0%	8.4%	9.6%	10.7%	10.6%	9.5%	8.2%	6.4%	7.7%	100.0%
	2030	8.2%	7.0%	6.8%	7.0%	8.4%	9.6%	10.7%	10.6%	9.5%	8.2%	6.4%	7.7%	100.0%
Avg.	2011-2020	7.1%	6.4%	7.2%	7.8%	8.9%	9.6%	10.4%	10.5%	9.6%	8.5%	6.9%	7.2%	100.0%
	2021-2030	8.1%	6.9%	6.8%	7.0%	8.4%	9.6%	10.7%	10.6%	9.5%	8.2%	6.5%	7.6%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Severe Weather Case

Kissimmee Utility Auth.

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	266.3	201.6	205.5	271.0	275.6	308.9	309.0	316.0	285.0	244.7	209.1	187.5	297.8	316.0
	2012	246.5	229.6	218.8	256.8	280.1	292.7	306.5	310.4	295.6	281.7	179.0	194.4	246.5	310.4
	2013	186.6	237.7	242.8	247.5	274.7	298.6	300.5	314.1	294.5	275.6	234.7	209.0	242.8	314.1
	2014	250.2	202.2	206.5	279.5	292.2	304.8	309.7	326.9	304.5	282.4	216.3	218.6	250.2	326.9
	2015	200.8	264.5	254.2	270.1	312.0	334.8	325.3	330.4	325.5	293.1	281.7	242.9	264.5	334.8
	2016	244.0	250.9	261.3	292.5	309.6	343.0	353.7	348.8	324.3	298.5	232.0	241.6	281.7	353.7
	2017	224.9	227.4	269.7	319.1	340.0	332.9	351.9	352.5	341.0	321.8	247.6	221.5	269.7	352.5
	2018	298.2	261.6	245.0	268.4	307.3	345.6	343.8	355.6	351.9	335.0	290.9	240.9	298.2	355.6
	2019	230.8	264.2	270.3	293.2	356.1	374.5	362.7	355.8	360.1	324.6	278.2	230.7	290.9	374.5
	2020	254.3	255.7	306.6	316.2	337.7	368.7	359.4	369.5	370.8	323.4	282.8	269.5	306.6	370.8
Projected	2021	342.8	290.8	317.8	329.8	367.1	385.4	392.0	400.1	380.1	350.7	290.5	276.8	342.8	400.1
	2022	352.1	298.6	326.3	336.7	374.8	393.1	399.7	408.1	387.6	358.1	296.5	282.5	352.1	408.1
	2023	359.3	304.8	333.1	344.7	383.7	402.0	408.9	417.4	396.4	366.6	303.4	289.1	359.3	417.4
	2024	367.8	311.9	340.9	353.5	393.6	411.9	418.9	427.7	406.1	375.6	312.7	298.0	367.8	427.7
	2025	379.0	321.5	351.3	361.4	402.6	420.4	427.6	436.6	414.5	384.0	320.0	304.9	379.0	436.6
	2026	387.9	329.0	359.5	368.2	410.2	427.5	434.8	444.0	421.4	391.1	326.5	311.1	387.9	444.0
	2027	395.7	335.6	366.8	374.4	417.3	433.7	441.2	450.6	427.6	397.7	331.6	316.0	395.7	450.6
	2028	402.0	341.0	372.6	380.6	424.3	439.9	447.5	457.1	433.5	404.3	339.4	323.5	402.0	457.1
	2029	411.4	349.0	381.4	386.5	431.0	445.5	453.2	463.0	439.0	410.5	345.7	329.4	411.4	463.0
	2030	419.0	355.4	388.4	392.3	437.7	451.0	458.9	468.9	444.5	416.9	352.2	335.6	419.0	468.9
Projected	2031	426.9	362.1	395.7	398.2	444.4	456.7	464.7	474.8	450.0	423.4	357.1	340.3	426.9	474.8
	2032	432.8	367.1	401.2	404.2	451.2	462.5	470.7	481.0	455.7	430.0	365.0	347.8	432.8	481.0
	2033	442.4	375.2	410.1	410.5	458.4	468.8	477.2	487.7	461.9	436.9	371.6	354.1	442.4	487.7
	2034	450.4	382.0	417.5	416.8	465.6	475.2	483.7	494.4	468.1	443.7	378.0	360.2	450.4	494.4
	2035	458.2	388.6	424.7	423.2	472.8	481.7	490.4	501.3	474.6	450.6	383.1	365.1	458.2	501.3
	2036	464.4	393.9	430.4	429.5	480.0	488.1	496.9	508.0	480.8	457.4	390.9	372.5	464.4	508.0
	2037	473.8	401.8	439.2	435.6	486.9	494.3	503.3	514.5	486.9	464.0	397.2	378.5	473.8	514.5
	2038	481.5	408.4	446.3	442.3	494.4	501.1	510.2	521.7	493.6	471.1	404.2	385.2	481.5	521.7
	2039	489.9	415.5	454.1	449.3	502.4	508.5	517.7	529.3	500.8	478.7	409.7	390.5	489.9	529.3
	2040	496.6	421.2	460.3	456.4	510.4	515.8	525.2	537.1	508.0	486.3	421.4	401.6	496.6	537.1

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	50.4%	64.3%	63.4%	58.8%	58.1%	61.5%	64.8%	63.9%	65.8%	58.4%	61.6%	67.7%	53.0%	50.0%
	2012	54.0%	57.4%	64.9%	58.7%	62.2%	60.7%	66.6%	62.9%	61.6%	56.7%	70.1%	69.5%	64.9%	51.5%
	2013	69.9%	57.4%	55.9%	61.8%	58.8%	63.8%	62.6%	65.4%	63.2%	60.4%	58.5%	65.9%	66.3%	51.2%
	2014	59.1%	67.3%	64.6%	54.9%	59.9%	61.6%	65.0%	64.1%	61.6%	57.7%	62.1%	64.3%	65.7%	50.3%
	2015	69.4%	54.4%	60.2%	65.1%	60.6%	62.0%	64.4%	62.6%	61.8%	58.3%	58.4%	63.8%	66.7%	52.7%
	2016	59.8%	58.2%	58.2%	55.4%	60.0%	63.4%	66.5%	63.0%	64.8%	58.1%	62.4%	62.1%	63.6%	50.7%
	2017	65.4%	63.6%	55.8%	55.3%	59.3%	61.4%	64.0%	65.8%	62.1%	58.0%	61.9%	69.4%	67.7%	51.8%
	2018	56.4%	62.5%	61.2%	63.6%	59.6%	63.3%	64.9%	64.8%	65.3%	59.9%	57.9%	64.4%	63.2%	53.0%
	2019	67.9%	59.9%	57.8%	60.7%	59.1%	60.8%	64.3%	65.1%	62.3%	64.2%	56.7%	66.5%	65.9%	51.2%
	2020	61.1%	62.2%	58.0%	55.2%	56.5%	60.7%	64.1%	65.1%	60.6%	58.8%	55.8%	66.2%	62.8%	51.9%
Projected	2021	56.0%	62.5%	51.8%	53.3%	55.5%	61.9%	65.7%	63.6%	62.5%	56.4%	55.9%	66.1%	59.6%	51.1%
	2022	55.9%	62.4%	51.6%	53.3%	55.4%	61.9%	65.8%	63.7%	62.5%	56.3%	55.7%	66.0%	59.2%	51.1%
	2023	55.9%	62.4%	51.4%	53.0%	55.3%	61.8%	65.8%	63.7%	62.5%	56.3%	55.8%	66.2%	59.3%	51.1%
	2024	56.0%	61.8%	51.5%	53.0%	55.2%	61.9%	65.8%	63.7%	62.5%	56.2%	55.2%	65.8%	59.5%	51.1%
	2025	55.7%	62.2%	51.0%	52.9%	55.1%	61.9%	65.8%	63.7%	62.5%	56.0%	54.9%	65.6%	58.8%	51.1%
	2026	55.6%	62.0%	50.7%	52.8%	55.0%	61.9%	65.8%	63.7%	62.5%	55.9%	54.6%	65.4%	58.5%	51.1%
	2027	55.5%	61.8%	50.4%	52.6%	54.9%	61.9%	65.8%	63.7%	62.5%	55.7%	54.4%	65.4%	58.2%	51.1%
	2028	55.5%	61.1%	50.2%	52.4%	54.7%	61.9%	65.9%	63.7%	62.5%	55.6%	53.8%	64.9%	58.2%	51.2%
	2029	55.2%	61.5%	49.6%	52.2%	54.6%	61.9%	65.9%	63.7%	62.5%	55.4%	53.3%	64.7%	57.5%	51.1%
	2030	55.0%	61.3%	49.2%	52.0%	54.4%	61.8%	65.9%	63.7%	62.5%	55.2%	52.9%	64.5%	57.2%	51.1%
Avg.	2011-2020	61.3%	60.7%	60.0%	58.9%	59.4%	61.9%	64.7%	64.3%	62.9%	59.1%	60.5%	66.0%	64.0%	51.4%
	2021-2030	55.6%	61.9%	50.7%	52.7%	55.0%	61.9%	65.8%	63.7%	62.5%	55.9%	54.7%	65.5%	58.6%	51.1%

FMPA 2021 Load Forecast - Severe Weather Case

Kissimmee Utility Auth.

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	266.3	201.6	205.5	266.9	275.6	308.9	298.6	316.0	282.2	243.1	208.8	175.6	297.8	316.0
	2012	245.8	229.6	211.6	249.9	275.5	291.1	302.6	300.1	290.4	277.8	177.1	192.0	245.8	302.6
	2013	165.7	237.7	242.8	235.6	274.7	298.6	298.9	306.8	285.5	268.8	233.0	206.2	242.8	306.8
	2014	241.4	190.5	189.9	278.5	291.0	304.8	295.4	326.9	290.5	280.1	174.1	183.4	241.4	326.9
	2015	188.3	264.5	234.5	264.5	290.7	330.5	306.4	327.5	317.8	289.7	275.8	239.9	264.5	330.5
	2016	242.4	250.9	247.9	288.3	302.1	343.0	353.7	348.8	308.8	298.3	224.5	229.7	275.8	353.7
	2017	215.2	227.4	266.8	319.1	340.0	331.9	339.8	345.7	331.9	313.8	247.6	214.5	266.8	345.7
	2018	292.2	248.6	241.9	261.1	298.0	334.5	339.4	349.9	343.5	335.0	290.9	213.9	292.2	349.9
	2019	228.5	258.1	267.1	288.1	345.1	372.5	362.7	351.8	360.1	323.1	278.2	230.7	290.9	372.5
	2020	254.3	255.7	301.5	287.9	331.6	360.5	359.4	360.5	365.9	319.4	273.1	258.2	301.5	360.5
Projected	2021	332.8	287.0	308.4	321.1	360.0	382.3	385.3	396.1	370.9	346.4	280.5	265.2	332.8	396.1
	2022	341.8	294.7	316.7	327.7	367.5	389.9	392.9	403.9	378.2	353.7	286.3	270.7	341.8	403.9
	2023	348.8	300.8	323.3	335.5	376.3	398.7	401.8	413.2	386.8	362.0	293.0	277.0	348.8	413.2
	2024	357.0	307.9	330.8	344.1	386.0	408.5	411.7	423.3	396.2	370.9	301.9	285.4	357.0	423.3
	2025	367.9	317.3	341.0	351.8	394.7	417.0	420.2	432.2	404.4	379.2	309.0	292.1	367.9	432.2
	2026	376.5	324.7	348.9	358.4	402.2	423.9	427.2	439.4	411.1	386.3	315.2	298.1	376.5	439.4
	2027	384.2	331.3	356.0	364.4	409.1	430.1	433.5	446.0	417.0	392.7	320.2	302.8	384.2	446.0
	2028	390.2	336.5	361.6	370.4	416.0	436.2	439.6	452.3	422.8	399.2	327.8	309.9	390.2	452.3
	2029	399.4	344.4	370.1	376.0	422.5	441.7	445.2	458.1	428.1	405.3	333.8	315.6	399.4	458.1
	2030	406.7	350.7	376.9	381.7	429.1	447.2	450.8	464.0	433.3	411.6	340.1	321.5	406.7	464.0
Projected	2031	414.4	357.3	384.0	387.4	435.6	452.8	456.4	469.8	438.6	418.0	344.8	326.0	414.4	469.8
	2032	420.2	362.3	389.4	393.2	442.3	458.5	462.3	475.9	444.2	424.5	352.4	333.2	420.2	475.9
	2033	429.5	370.3	398.0	399.3	449.3	464.8	468.6	482.5	450.2	431.3	358.8	339.2	429.5	482.5
	2034	437.2	377.0	405.2	405.4	456.3	471.1	474.9	489.1	456.2	438.0	365.0	345.1	437.2	489.1
	2035	444.8	383.5	412.2	411.6	463.4	477.5	481.5	495.9	462.4	444.9	369.9	349.8	444.8	495.9
	2036	450.8	388.7	417.8	417.7	470.4	483.8	487.8	502.5	468.4	451.5	377.4	356.8	450.8	502.5
	2037	459.9	396.6	426.2	423.6	477.2	490.0	494.1	508.9	474.3	458.0	383.6	362.6	459.9	508.9
	2038	467.4	403.1	433.2	430.1	484.5	496.7	500.9	516.0	480.8	465.1	390.3	369.0	467.4	516.0
	2039	475.6	410.1	440.8	436.9	492.3	504.0	508.2	523.6	487.8	472.5	395.6	374.0	475.6	523.6
	2040	482.1	415.7	446.8	443.8	500.2	511.2	515.5	531.2	494.7	480.1	406.9	384.7	482.1	531.2

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	100.0%	100.0%	100.0%	98.5%	100.0%	100.0%	96.6%	100.0%	99.0%	99.3%	99.9%	93.6%	100.0%	100.0%
	2012	99.7%	100.0%	96.7%	97.3%	98.4%	99.5%	98.7%	96.7%	98.2%	98.6%	98.9%	98.8%	99.7%	97.5%
	2013	88.8%	100.0%	100.0%	95.2%	100.0%	100.0%	99.5%	97.7%	96.9%	97.5%	99.3%	98.7%	100.0%	97.7%
	2014	96.5%	94.2%	91.9%	99.7%	99.6%	100.0%	95.4%	100.0%	95.4%	99.2%	80.5%	83.9%	96.5%	100.0%
	2015	93.8%	100.0%	92.3%	97.9%	93.2%	98.7%	94.2%	99.1%	97.6%	98.8%	97.9%	98.8%	100.0%	98.7%
	2016	99.3%	100.0%	94.8%	98.6%	97.6%	100.0%	100.0%	100.0%	95.2%	99.9%	96.8%	95.1%	97.9%	100.0%
	2017	95.7%	100.0%	98.9%	100.0%	100.0%	99.7%	96.6%	98.0%	97.3%	97.5%	100.0%	96.8%	98.9%	98.0%
	2018	98.0%	95.0%	98.7%	97.3%	97.0%	96.8%	98.7%	98.4%	97.6%	100.0%	100.0%	88.8%	98.0%	98.4%
	2019	99.0%	97.7%	98.8%	98.2%	96.9%	99.5%	100.0%	98.9%	100.0%	99.5%	100.0%	100.0%	100.0%	99.5%
	2020	100.0%	100.0%	98.3%	91.0%	98.2%	97.8%	100.0%	97.6%	98.7%	98.8%	96.6%	95.8%	98.3%	97.2%
Projected	2021	97.1%	98.7%	97.1%	97.4%	98.1%	99.2%	98.3%	99.0%	97.6%	98.8%	96.6%	95.8%	97.1%	99.0%
	2022	97.1%	98.7%	97.1%	97.3%	98.1%	99.2%	98.3%	99.0%	97.6%	98.8%	96.6%	95.8%	97.1%	99.0%
	2023	97.1%	98.7%	97.1%	97.3%	98.1%	99.2%	98.3%	99.0%	97.6%	98.8%	96.6%	95.8%	97.1%	99.0%
	2024	97.1%	98.7%	97.1%	97.3%	98.1%	99.2%	98.3%	99.0%	97.6%	98.8%	96.6%	95.8%	97.1%	99.0%
	2025	97.1%	98.7%	97.1%	97.3%	98.1%	99.2%	98.3%	99.0%	97.6%	98.8%	96.6%	95.8%	97.1%	99.0%
	2026	97.1%	98.7%	97.1%	97.3%	98.1%	99.2%	98.3%	99.0%	97.5%	98.7%	96.6%	95.8%	97.1%	99.0%
	2027	97.1%	98.7%	97.1%	97.3%	98.0%	99.2%	98.3%	99.0%	97.5%	98.7%	96.6%	95.8%	97.1%	99.0%
	2028	97.1%	98.7%	97.1%	97.3%	98.0%	99.2%	98.2%	99.0%	97.5%	98.7%	96.6%	95.8%	97.1%	99.0%
	2029	97.1%	98.7%	97.1%	97.3%	98.0%	99.2%	98.2%	99.0%	97.5%	98.7%	96.6%	95.8%	97.1%	99.0%
	2030	97.1%	98.7%	97.1%	97.3%	98.0%	99.2%	98.2%	98.9%	97.5%	98.7%	96.6%	95.8%	97.1%	98.9%
	2011-2020	97.1%	98.7%	97.1%	97.4%	98.1%	99.2%	98.0%	98.6%	97.6%	98.9%	97.0%	95.0%	98.9%	98.7%
	2021-2030	97.1%	98.7%	97.1%	97.3%	98.1%	99.2%	98.3%	99.0%	97.5%	98.7%	96.6%	95.8%	97.1%	99.0%

FMPA 2021 Load Forecast - Severe Weather Case - KUA

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

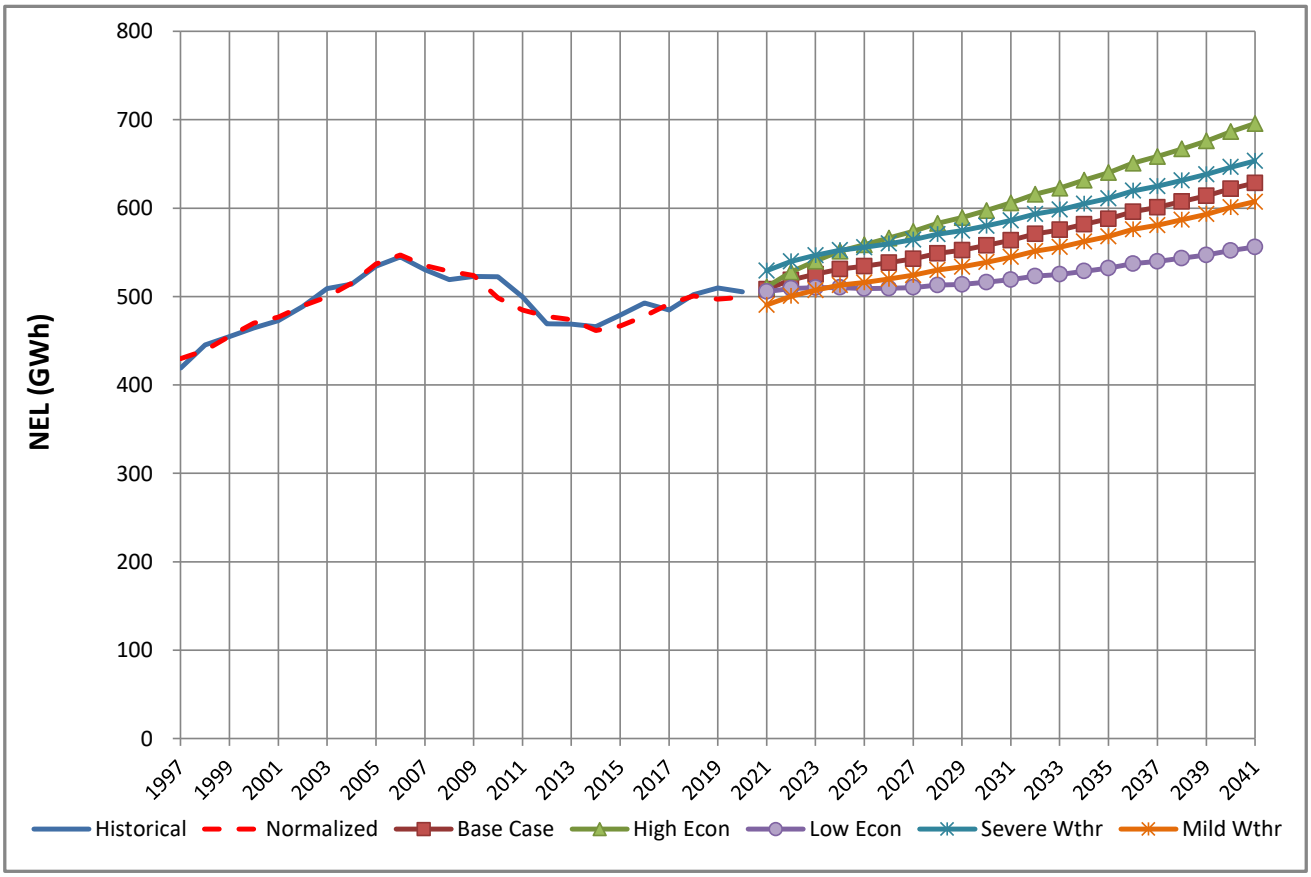
		Residential						General Service Non-Demand						General Service Demand						Lights		City		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	733,223		53,562		13,689		170,573		8,465		20.2		435,830		846		515		16,149		3,539		1,359,313		51,289	3.6%	1,410,602	
	2012	702,353	-4.2%	54,675	2.1%	12,846	-6.2%	166,918	-2.1%	8,470	0.1%	19.7	-2.2%	437,819	0.5%	862	1.9%	508	-1.4%	16,326	1.1%	4,174	18.0%	1,327,589	-2.3%	56,730	4.1%	1,384,319	-1.9%
	2013	709,471	1.0%	55,713	1.9%	12,734	-0.9%	165,185	-1.0%	8,506	0.4%	19.4	-1.5%	443,065	1.2%	856	-0.6%	517	1.8%	16,616	1.8%	3,414	-18.2%	1,337,750	0.8%	55,741	4.0%	1,393,491	0.7%
	2014	741,059	4.5%	56,781	1.9%	13,051	2.5%	171,701	3.9%	8,634	1.5%	19.9	2.4%	448,067	1.1%	831	-3.0%	540	4.3%	16,769	0.9%	3,414	0.0%	1,381,011	3.2%	61,305	4.3%	1,442,316	3.5%
	2015	785,853	6.0%	58,298	2.7%	13,480	3.3%	178,421	3.9%	8,746	1.3%	20.4	2.6%	457,858	2.2%	833	0.3%	549	1.8%	17,137	2.2%	3,450	1.1%	1,442,719	4.5%	65,406	4.3%	1,508,124	4.6%
	2016	833,290	6.0%	60,178	3.2%	13,847	2.7%	189,100	6.0%	8,885	1.6%	21.3	4.3%	473,045	3.3%	843	1.1%	561	2.2%	17,675	3.1%	3,448	-0.1%	1,516,558	5.1%	68,935	4.3%	1,585,494	5.1%
	2017	827,838	-0.7%	61,988	3.0%	13,355	-3.6%	185,698	-1.8%	8,920	0.4%	20.8	-2.2%	474,636	0.3%	862	2.3%	551	-1.9%	18,096	2.4%	3,441	-0.2%	1,509,708	-0.5%	70,861	4.5%	1,580,568	-0.3%
	2018	864,038	4.4%	64,042	3.3%	13,492	1.0%	189,263	1.9%	9,051	1.5%	20.9	0.4%	487,739	2.8%	875	1.5%	557	1.2%	18,478	2.1%	3,512	2.1%	1,563,030	3.5%	66,928	4.1%	1,629,958	3.1%
	2019	915,636	6.0%	66,750	4.2%	13,717	1.7%	193,485	2.2%	9,247	2.2%	20.9	0.1%	492,400	1.0%	901	2.9%	547	-1.9%	18,912	2.3%	3,303	-6.0%	1,623,736	3.9%	57,843	3.4%	1,681,579	3.2%
	2020	956,188	4.4%	69,349	3.9%	13,788	0.5%	184,116	-4.8%	9,495	2.7%	19.4	-7.3%	467,739	-5.0%	917	1.8%	510	-6.7%	19,475	3.0%	3,225	-2.3%	1,630,743	0.4%	51,430	3.1%	1,682,173	0.0%
Projected	2021	1,026,514	7.4%	71,920	3.7%	14,273	3.5%	189,164	2.7%	9,713	2.3%	19.5	0.4%	482,598	3.2%	921	0.4%	524	2.7%	19,578	0.5%	3,225	0.0%	1,721,080	5.5%	66,811	3.7%	1,787,891	6.3%
	2022	1,061,148	3.4%	74,046	3.0%	14,331	0.4%	191,508	1.2%	9,820	1.1%	19.5	0.1%	491,463	1.8%	930	1.0%	528	0.8%	19,578	0.0%	3,225	0.0%	1,766,922	2.7%	67,444	3.7%	1,834,366	2.6%
	2023	1,088,692	2.6%	76,135	2.8%	14,300	-0.2%	194,177	1.4%	9,943	1.2%	19.5	0.1%	501,323	2.0%	940	1.0%	534	1.0%	19,578	0.0%	3,225	0.0%	1,806,994	2.3%	68,986	3.7%	1,875,980	2.3%
	2024	1,119,309	2.8%	78,213	2.7%	14,311	0.1%	198,875	2.4%	10,070	1.3%	19.7	1.1%	515,195	2.8%	948	0.9%	543	1.8%	19,578	0.0%	3,225	0.0%	1,856,182	2.7%	73,924	3.8%	1,930,106	2.9%
	2025	1,150,970	2.8%	80,289	2.7%	14,335	0.2%	202,691	1.9%	10,199	1.3%	19.9	0.6%	527,350	2.4%	956	0.9%	552	1.5%	19,578	0.0%	3,225	0.0%	1,903,814	2.6%	72,662	3.7%	1,976,476	2.4%
	2026	1,180,731	2.6%	82,352	2.6%	14,338	0.0%	205,517	1.4%	10,330	1.3%	19.9	0.1%	537,494	1.9%	964	0.8%	558	1.1%	19,578	0.0%	3,225	0.0%	1,946,546	2.2%	74,229	3.7%	2,020,775	2.2%
	2027	1,208,932	2.4%	84,384	2.5%	14,327	-0.1%	207,770	1.1%	10,462	1.3%	19.9	-0.2%	546,193	1.6%	971	0.8%	562	0.8%	19,578	0.0%	3,225	0.0%	1,985,699	2.0%	75,686	3.7%	2,061,385	2.0%
	2028	1,238,269	2.4%	86,430	2.4%	14,327	0.0%	209,761	1.0%	10,592	1.2%	19.8	-0.3%	554,073	1.4%	979	0.7%	566	0.7%	19,578	0.0%	3,225	0.0%	2,024,906	2.0%	80,496	3.8%	2,105,402	2.1%
	2029	1,267,612	2.4%	88,482	2.4%	14,326	0.0%	211,580	0.9%	10,720	1.2%	19.7	-0.3%	561,511	1.3%	986	0.7%	570	0.6%	19,578	0.0%	3,225	0.0%	2,063,507	1.9%	78,596	3.7%	2,142,103	1.7%
	2030	1,296,833	2.3%	90,536	2.3%	14,324	0.0%	213,276	0.8%	10,846	1.2%	19.7	-0.4%	568,692	1.3%	992	0.7%	573	0.6%	19,578	0.0%	3,225	0.0%	2,101,604	1.8%	80,026	3.7%	2,181,631	1.8%
	2031	1,327,136	2.3%	92,576	2.3%	14,336	0.1%	214,872	0.7%	10,970	1.1%	19.6	-0.4%	575,581	1.2%	999	0.7%	576	0.5%	19,578	0.0%	3,225	0.0%	2,140,393	1.8%	81,472	3.7%	2,221,864	1.8%
	2032	1,357,277	2.3%	94,577	2.2%	14,351	0.1%	216,423	0.7%	11,087	1.1%	19.5	-0.3%	582,199	1.1%	1,005	0.6%	579	0.5%	19,578	0.0%	3,225	0.0%	2,178,703	1.8%	86,497	3.8%	2,265,200	2.0%
	2033	1,388,448	2.3%	96,583	2.1%	14,376	0.2%	217,992	0.7%	11,203	1.0%	19.5	-0.3%	588,736	1.1%	1,012	0.6%	582	0.5%	19,578	0.0%	3,225	0.0%	2,217,980	1.8%	84,378	3.7%	2,302,358	1.6%
	2034	1,419,887	2.3%	98,597	2.1%	14,401	0.2%	219,540	0.7%	11,319	1.0%	19.4	-0.3%	595,148	1.1%	1,018	0.6%	585	0.5%	19,578	0.0%	3,225	0.0%	2,257,378	1.8%	85,844	3.7%	2,343,222	1.8%
	2035	1,451,061	2.2%	100,623	2.1%	14,421	0.1%	221,072	0.7%	11,436	1.0%	19.3	-0.3%	601,516	1.1%	1,024	0.6%	588	0.5%	19,578	0.0%	3,225	0.0%	2,296,451	1.7%	87,306	3.7%	2,383,757	1.7%
	2036	1,482,495	2.2%	102,654	2.0%	14,442	0.1%	222,583	0.7%	11,554	1.0%	19.3	-0.3%	607,834	1.1%	1,030	0.6%	590	0.5%	19,578	0.0%	3,225	0.0%	2,335,715	1.7%	92,622	3.8%	2,428,336	1.9%
	2037	1,512,568	2.0%	104,679	2.0%	14,450	0.1%	224,050	0.7%	11,672	1.0%	19.2	-0.4%	614,048	1.0%	1,036	0.6%	593	0.5%	19,578	0.0%	3,225	0.0%	2,373,470	1.6%	90,168	3.7%	2,463,637	1.5%
	2038	1,544,253	2.1%	106,723	2.0%	14,470	0.1%	225,474	0.6%	11,787	1.0%	19.1	-0.4%	620,214	1.0%	1,041	0.6%	596	0.4%	19,578	0.0%	3,225	0.0%	2,412,745	1.7%	91,650	3.7%	2,504,395	1.7%
	2039	1,578,810	2.2%	108,785	1.9%	14,513	0.3%	226,889	0.6%	11,903	1.0%	19.1	-0.4%	626,396	1.0%	1,047	0.6%	598	0.4%	19,578	0.0%	3,225	0.0%	2,454,899	1.7%	93,234	3.7%	2,548,132	1.7%
	2040	1,614,092	2.2%	110,876	1.9%	14,558	0.3%	228,303	0.6%	12,019	1.0%	19.0	-0.3%	632,594	1.0%	1,053	0.5%	601	0.4%	19,578	0.0%	3,225	0.0%	2,497,793	1.7%	98,961	3.8%	2,596,754	1.9%
CAGR	2011-2020		3.0%		2.9%		0.1%		0.9%		1.3%		-0.4%		0.8%		0.9%		-0.1%		2.1%		-1.0%		2.0%		4.0%		2.0%
	2021-2030		2.6%		2.6%		0.0%		1.3%		1.2%		0.1%		1.8%		0.8%		1.0%		0.0%		0.0%		2.2%		3.7%		2.2%
	2031-2040		2.2%		2.0%		0.2%		0.7%		1.0%		-0.3%		1.1%		0.6%		0.5%		0.0%		0.0%		1.7%		3.7%		1.7%

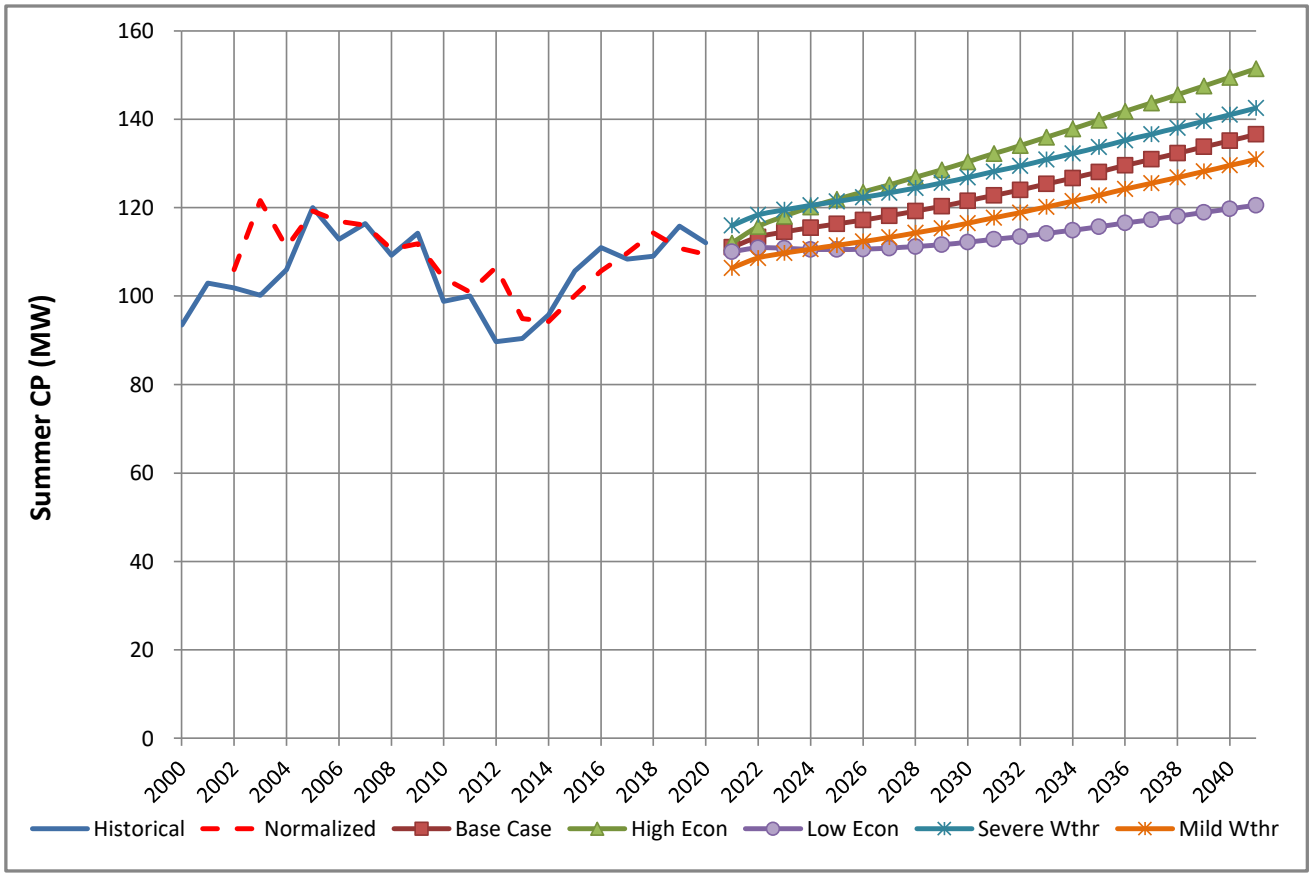
CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast

Leesburg

Historical and Projected NEL and Annual Coincident Peak Demand





FMPA 2021 Load Forecast - Low Economic Case

Leesburg

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	499,570	-	484,635	-	-3.0%	105.3	-	100.0	-	-5.0%	100.0	-	99.7		-0.3%
	2012	469,153	-6.1%	477,539	-1.5%	1.8%	90.6	-14.0%	89.7	-10.3%	-1.0%	89.7	-10.3%	105.8	6.1%	18.0%
	2013	468,646	-0.1%	473,850	-0.8%	1.1%	80.8	-10.8%	84.8	-5.4%	5.0%	90.5	0.9%	94.3	-10.9%	4.2%
	2014	465,764	-0.6%	461,466	-2.6%	-0.9%	89.4	10.5%	97.6	15.1%	9.3%	95.8	5.9%	93.6	-0.7%	-2.3%
	2015	478,866	2.8%	466,596	1.1%	-2.6%	100.1	12.0%	103.6	6.2%	3.5%	105.6	10.2%	100.1	6.9%	-5.3%
	2016	492,572	2.9%	477,997	2.4%	-3.0%	84.7	-15.4%	91.9	-11.3%	8.6%	110.9	5.0%	105.7	5.6%	-4.7%
	2017	484,786	-1.6%	491,579	2.8%	1.4%	78.8	-6.9%	97.2	5.7%	23.2%	108.4	-2.3%	109.7	3.8%	1.3%
	2018	502,040	3.6%	500,497	1.8%	-0.3%	115.3	46.3%	110.8	14.1%	-3.9%	109.0	0.6%	114.3	4.2%	4.9%
	2019	509,775	1.5%	496,964	-0.7%	-2.5%	85.8	-25.6%	104.0	-6.2%	21.2%	115.8	6.3%	110.8	-3.1%	-4.3%
	2020	505,451	-0.8%	499,157	0.4%	-1.2%	92.2	7.4%	104.8	0.8%	13.7%	112.0	-3.3%	109.4	-1.3%	-2.3%
Projected	2021	505,764	0.1%	505,764	1.3%		101.0	9.6%	101.0	-3.6%		110.0	-1.8%	110.0	0.6%	
	2022			509,163	0.7%				101.7	0.7%				110.9	0.8%	
	2023			510,108	0.2%				102.1	0.4%				110.8	-0.1%	
	2024			510,257	0.0%				101.8	-0.3%				110.6	-0.2%	
	2025			508,971	-0.3%				101.8	0.0%				110.5	0.0%	
	2026			509,276	0.1%				101.9	0.0%				110.6	0.1%	
	2027			510,247	0.2%				102.0	0.2%				110.9	0.2%	
	2028			513,022	0.5%				102.3	0.2%				111.2	0.3%	
	2029			513,780	0.1%				102.7	0.4%				111.6	0.4%	
	2030			516,116	0.5%				103.1	0.4%				112.2	0.5%	
	2031			519,127	0.6%				103.7	0.6%				112.8	0.6%	
	2032			523,166	0.8%				104.2	0.5%				113.4	0.5%	
	2033			525,096	0.4%				104.9	0.6%				114.2	0.7%	
	2034			528,682	0.7%				105.6	0.7%				114.9	0.6%	
	2035			531,989	0.6%				106.2	0.6%				115.7	0.7%	
	2036			537,183	1.0%				107.0	0.7%				116.5	0.7%	
	2037			539,666	0.5%				107.8	0.8%				117.3	0.7%	
	2038			543,212	0.7%				108.5	0.6%				118.1	0.7%	
	2039			547,062	0.7%				109.3	0.7%				118.9	0.7%	
	2040			552,098	0.9%				109.9	0.6%				119.7	0.7%	
CAGR [3]	2011-2020		0.1%		0.3%			-1.5%		0.5%			1.3%		1.0%	
	2021-2030				0.2%					0.2%					0.2%	
	2031-2040				0.7%					0.6%					0.7%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Leesburg

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	499,570	-	499,570	-	106.8	106.6	106.8	106.6	105.3	100.0	105.3	100.0
	2012	469,153	-6.1%	469,153	-6.1%	94.0	100.5	94.0	100.5	90.6	89.7	90.6	89.7
	2013	468,646	-0.1%	468,646	-0.1%	84.5	99.0	84.5	99.0	80.8	90.5	80.8	90.5
	2014	465,764	-0.6%	465,764	-0.6%	91.2	100.0	91.2	100.0	89.4	95.8	89.4	95.8
	2015	478,866	2.8%	478,866	2.8%	100.1	107.1	100.1	107.1	100.1	105.6	100.1	105.6
	2016	492,572	2.9%	492,572	2.9%	91.8	110.9	91.8	110.9	84.7	110.9	84.7	110.9
	2017	484,786	-1.6%	484,786	-1.6%	84.8	109.3	84.8	109.3	78.8	108.4	78.8	108.4
	2018	502,040	3.6%	502,040	3.6%	115.3	110.5	115.3	110.5	115.3	109.0	115.3	109.0
	2019	509,775	1.5%	509,775	1.5%	89.3	115.8	89.3	115.8	85.8	115.8	85.8	115.8
	2020	505,451	-0.8%	501,636	-1.6%	97.7	114.9	100.2	110.5	92.2	112.0	99.6	108.3
Projected	2021	505,764	0.1%	499,612	-0.4%	101.4	112.0	100.1	110.4	101.0	110.0	99.5	108.1
	2022	509,163	0.7%	499,158	-0.1%	102.1	112.9	100.1	110.2	101.7	110.9	99.5	107.9
	2023	510,108	0.2%	498,013	-0.2%	102.5	112.8	99.8	110.0	102.1	110.8	99.2	107.7
	2024	510,257	0.0%	499,250	0.2%	102.2	112.6	99.7	110.0	101.8	110.6	99.1	107.8
	2025	508,971	-0.3%	498,972	-0.1%	102.2	112.5	100.0	110.2	101.8	110.5	99.3	108.0
	2026	509,276	0.1%	500,171	0.2%	102.3	112.6	100.2	110.5	101.9	110.6	99.6	108.2
	2027	510,247	0.2%	501,561	0.3%	102.4	112.9	100.5	110.8	102.0	110.9	99.8	108.5
	2028	513,022	0.5%	504,111	0.5%	102.6	113.2	100.7	111.1	102.3	111.2	100.1	108.8
	2029	513,780	0.1%	503,997	0.0%	103.1	113.6	101.0	111.3	102.7	111.6	100.4	109.0
	2030	516,116	0.5%	505,143	0.2%	103.5	114.2	101.1	111.6	103.1	112.2	100.5	109.3
	2031	519,127	0.6%	506,983	0.4%	104.1	114.9	101.5	112.0	103.7	112.8	100.9	109.7
	2032	523,166	0.8%	509,770	0.5%	104.6	115.5	101.8	112.3	104.2	113.4	101.2	110.0
	2033	525,096	0.4%	510,341	0.1%	105.3	116.2	102.2	112.8	104.9	114.2	101.5	110.4
	2034	528,682	0.7%	512,231	0.4%	106.0	117.0	102.6	113.1	105.6	114.9	102.0	110.8
	2035	531,989	0.6%	513,713	0.3%	106.6	117.8	102.8	113.5	106.2	115.7	102.2	111.1
	2036	537,183	1.0%	516,982	0.6%	107.4	118.6	103.2	113.9	107.0	116.5	102.6	111.6
	2037	539,666	0.5%	517,601	0.1%	108.2	119.4	103.7	114.3	107.8	117.3	103.0	111.9
	2038	543,212	0.7%	519,149	0.3%	108.9	120.2	103.9	114.6	108.5	118.1	103.3	112.3
	2039	547,062	0.7%	520,879	0.3%	109.7	121.1	104.3	115.0	109.3	118.9	103.7	112.6
	2040	552,098	0.9%			110.4	121.9			109.9	119.7		
CAGR[1]	Historical		0.1%		0.3%	-1.0%	0.8%	-2.2%	1.0%	0.2%	2.8%	-0.8%	3.7%
	1st 10 Prj Yrs		0.2%		0.1%	0.2%	0.2%	0.1%	0.1%	0.2%	0.2%	0.1%	0.1%
	2nd 10 Prj Yrs		0.7%		0.3%	0.6%	0.7%	0.3%	0.3%	0.6%	0.7%	0.3%	0.3%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Leesburg

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	499,570	-	484,635	-	-3.0%	105.3	-	100.0	-	-5.0%	100.0	-	99.7		-0.3%
	2012	469,153	-6.1%	477,539	-1.5%	1.8%	90.6	-14.0%	89.7	-10.3%	-1.0%	89.7	-10.3%	105.8	6.1%	18.0%
	2013	468,646	-0.1%	473,850	-0.8%	1.1%	80.8	-10.8%	84.8	-5.4%	5.0%	90.5	0.9%	94.3	-10.9%	4.2%
	2014	465,764	-0.6%	461,466	-2.6%	-0.9%	89.4	10.5%	97.6	15.1%	9.3%	95.8	5.9%	93.6	-0.7%	-2.3%
	2015	478,866	2.8%	466,596	1.1%	-2.6%	100.1	12.0%	103.6	6.2%	3.5%	105.6	10.2%	100.1	6.9%	-5.3%
	2016	492,572	2.9%	477,997	2.4%	-3.0%	84.7	-15.4%	91.9	-11.3%	8.6%	110.9	5.0%	105.7	5.6%	-4.7%
	2017	484,786	-1.6%	491,579	2.8%	1.4%	78.8	-6.9%	97.2	5.7%	23.2%	108.4	-2.3%	109.7	3.8%	1.3%
	2018	502,040	3.6%	500,497	1.8%	-0.3%	115.3	46.3%	110.8	14.1%	-3.9%	109.0	0.6%	114.3	4.2%	4.9%
	2019	509,775	1.5%	496,964	-0.7%	-2.5%	85.8	-25.6%	104.0	-6.2%	21.2%	115.8	6.3%	110.8	-3.1%	-4.3%
	2020	505,451	-0.8%	488,428	-1.7%	-3.4%	92.2	7.4%	104.8	0.8%	13.7%	112.0	-3.3%	109.4	-1.3%	-2.3%
Projected	2021	504,671	-0.2%	504,671	3.3%		101.0	9.6%	101.0	-3.6%		109.8	-2.0%	109.8	0.4%	
	2022			507,724	0.6%				101.7	0.7%				110.6	0.7%	
	2023			508,320	0.1%				102.1	0.4%				110.4	-0.2%	
	2024			508,065	-0.1%				101.8	-0.3%				110.0	-0.3%	
	2025			506,332	-0.3%				101.8	0.0%				109.9	-0.1%	
	2026			505,993	-0.1%				101.9	0.0%				109.8	-0.1%	
	2027			506,257	0.1%				102.0	0.2%				109.9	0.1%	
	2028			508,270	0.4%				102.3	0.2%				110.1	0.2%	
	2029			508,236	0.0%				102.7	0.4%				110.3	0.2%	
	2030			509,735	0.3%				103.1	0.4%				110.7	0.3%	
	2031			512,218	0.5%				103.7	0.6%				111.2	0.5%	
	2032			515,700	0.7%				104.2	0.5%				111.7	0.4%	
	2033			517,082	0.3%				104.9	0.6%				112.3	0.6%	
	2034			520,104	0.6%				105.6	0.7%				112.9	0.5%	
	2035			522,849	0.5%				106.2	0.6%				113.5	0.6%	
	2036			527,385	0.9%				107.0	0.7%				114.2	0.6%	
	2037			529,202	0.3%				107.8	0.8%				114.8	0.5%	
	2038			532,040	0.5%				108.5	0.6%				115.4	0.5%	
	2039			535,155	0.6%				109.3	0.7%				116.1	0.6%	
	2040			539,438	0.8%				109.9	0.6%				116.7	0.5%	
CAGR [3]	2011-2020		0.1%		0.1%			-1.5%		0.5%			1.3%		1.0%	
	2021-2030				0.1%					0.2%					0.1%	
	2031-2040				0.6%					0.6%					0.5%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Leesburg

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	499,570	-	484,635	-	-3.0%	106.8	-	53.4%	106.6	-	53.5%
	2012	469,153	-6.1%	477,539	-1.5%	1.8%	94.0	-11.9%	56.9%	100.5	-5.8%	53.3%
	2013	468,646	-0.1%	473,850	-0.8%	1.1%	84.5	-10.1%	63.3%	99.0	-1.4%	54.0%
	2014	465,764	-0.6%	461,466	-2.6%	-0.9%	91.2	8.0%	58.3%	100.0	1.0%	53.2%
	2015	478,866	2.8%	466,596	1.1%	-2.6%	100.1	9.7%	54.6%	107.1	7.1%	51.0%
	2016	492,572	2.9%	477,997	2.4%	-3.0%	91.8	-8.3%	61.3%	110.9	3.6%	50.7%
	2017	484,786	-1.6%	491,579	2.8%	1.4%	84.8	-7.7%	65.3%	109.3	-1.5%	50.6%
	2018	502,040	3.6%	500,497	1.8%	-0.3%	115.3	36.0%	49.7%	110.5	1.1%	51.9%
	2019	509,775	1.5%	496,964	-0.7%	-2.5%	89.3	-22.6%	65.2%	115.8	4.8%	50.3%
	2020	505,451	-0.8%	499,157	0.4%	-1.2%	97.7	9.4%	59.1%	114.9	-0.8%	50.2%
Projected	2021	504,671	-0.2%	504,671	1.1%		101.4	3.8%	56.8%	111.8	-2.7%	51.5%
	2022	507,724	0.6%	507,724	0.6%		102.1	0.7%	56.8%	112.6	0.7%	51.5%
	2023	508,320	0.1%	508,320	0.1%		102.5	0.4%	56.6%	112.4	-0.2%	51.6%
	2024	508,065	-0.1%	508,065	-0.1%		102.2	-0.3%	56.7%	112.0	-0.3%	51.8%
	2025	506,332	-0.3%	506,332	-0.3%		102.2	0.0%	56.5%	111.9	-0.1%	51.7%
	2026	505,993	-0.1%	505,993	-0.1%		102.3	0.0%	56.5%	111.8	-0.1%	51.7%
	2027	506,257	0.1%	506,257	0.1%		102.4	0.2%	56.4%	111.9	0.1%	51.6%
	2028	508,270	0.4%	508,270	0.4%		102.6	0.2%	56.5%	112.1	0.2%	51.8%
	2029	508,236	0.0%	508,236	0.0%		103.1	0.4%	56.3%	112.3	0.2%	51.7%
	2030	509,735	0.3%	509,735	0.3%		103.5	0.4%	56.2%	112.7	0.3%	51.6%
	2031	512,218	0.5%	512,218	0.5%		104.1	0.6%	56.2%	113.2	0.5%	51.6%
	2032	515,700	0.7%	515,700	0.7%		104.6	0.5%	56.3%	113.7	0.4%	51.8%
	2033	517,082	0.3%	517,082	0.3%		105.3	0.6%	56.1%	114.3	0.6%	51.6%
	2034	520,104	0.6%	520,104	0.6%		106.0	0.7%	56.0%	114.9	0.5%	51.7%
	2035	522,849	0.5%	522,849	0.5%		106.6	0.6%	56.0%	115.6	0.6%	51.6%
	2036	527,385	0.9%	527,385	0.9%		107.4	0.7%	56.1%	116.3	0.6%	51.8%
	2037	529,202	0.3%	529,202	0.3%		108.2	0.8%	55.8%	116.9	0.5%	51.7%
	2038	532,040	0.5%	532,040	0.5%		108.9	0.6%	55.8%	117.6	0.6%	51.7%
	2039	535,155	0.6%	535,155	0.6%		109.7	0.7%	55.7%	118.2	0.6%	51.7%
	2040	539,438	0.8%	539,438	0.8%		110.4	0.6%	55.8%	118.9	0.5%	51.8%
CAGR [1]	2011-2020		0.1%		0.3%			-1.0%	58.7%		0.8%	51.9%
	2021-2030		0.1%		0.1%			0.2%	56.5%		0.1%	51.6%
	2031-2040		0.6%		0.6%			0.6%	56.0%		0.5%	51.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Leesburg

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	39,682	32,663	33,687	38,735	44,344	46,667	48,594	50,910	44,987	34,549	31,244	34,502	480,565	499,570
	2012	36,917	32,660	36,771	37,974	43,926	41,252	48,781	46,816	43,761	38,605	31,462	35,792	474,717	469,153
	2013	35,889	32,673	34,655	37,719	41,300	44,024	44,244	47,680	44,602	38,608	31,863	34,244	467,502	468,646
	2014	41,539	30,866	32,171	36,124	41,397	42,647	46,322	48,247	41,736	36,913	32,055	36,278	466,295	465,764
	2015	37,418	34,461	36,655	37,934	43,607	46,636	46,042	47,761	43,105	37,790	35,586	35,183	482,179	478,866
	2016	37,442	33,370	34,333	35,885	42,778	48,801	53,660	51,238	46,504	39,337	32,309	34,430	490,088	492,572
	2017	35,141	30,207	35,152	38,802	45,152	45,429	50,308	52,280	46,239	42,354	32,697	36,093	489,855	484,786
	2018	44,075	32,995	34,531	35,991	41,893	47,595	49,070	53,065	51,680	45,172	36,081	36,474	508,622	502,040
	2019	38,768	32,274	34,951	38,078	48,329	49,297	50,610	51,385	48,356	45,137	33,554	34,433	505,171	509,775
	2020	36,226	33,793	39,466	37,734	43,126	48,871	52,723	52,461	47,927	41,983	34,296	37,113	505,719	505,451
Projected	2021	40,529	34,272	35,975	37,885	44,878	48,171	50,644	52,113	46,811	41,661	34,573	37,404	504,916	504,671
	2022	40,707	34,506	36,265	38,156	45,256	48,549	51,010	52,488	47,149	41,852	34,765	37,625	508,329	507,724
	2023	40,800	34,583	36,332	38,233	45,300	48,523	50,935	52,361	47,011	41,739	34,677	37,527	508,020	508,320
	2024	40,693	35,678	36,246	38,114	45,189	48,374	50,737	52,201	46,890	41,631	34,634	37,514	507,902	508,065
	2025	40,636	34,467	36,213	38,096	45,172	48,326	50,672	52,135	46,835	41,580	34,600	37,509	506,242	506,332
	2026	40,611	34,451	36,181	38,076	45,157	48,290	50,632	52,099	46,807	41,565	34,594	37,541	506,004	505,993
	2027	40,638	34,479	36,190	38,099	45,196	48,317	50,661	52,135	46,841	41,604	34,629	37,621	506,411	506,257
	2028	40,718	35,728	36,240	38,163	45,284	48,396	50,742	52,224	46,920	41,683	34,695	37,733	508,527	508,270
	2029	40,832	34,649	36,315	38,253	45,399	48,499	50,843	52,327	47,008	41,767	34,763	37,844	508,498	508,236
	2030	40,949	34,757	36,404	38,364	45,549	48,649	51,007	52,507	47,175	41,961	34,928	38,055	510,305	509,735
Projected	2031	41,171	34,943	36,578	38,551	45,775	48,878	51,242	52,749	47,387	42,152	35,084	38,249	512,759	512,218
	2032	41,374	36,312	36,736	38,723	45,985	49,087	51,455	52,966	47,578	42,326	35,227	38,428	516,196	515,700
	2033	41,569	35,288	36,906	38,916	46,228	49,345	51,733	53,264	47,853	42,584	35,445	38,697	517,827	517,082
	2034	41,852	35,523	37,124	39,146	46,501	49,615	52,003	53,533	48,083	42,787	35,608	38,893	520,667	520,104
	2035	42,061	35,708	37,305	39,351	46,758	49,885	52,291	53,839	48,364	43,043	35,823	39,162	523,588	522,849
	2036	42,349	37,177	37,535	39,598	47,059	50,196	52,614	54,172	48,659	43,307	36,036	39,423	528,124	527,385
	2037	42,626	36,183	37,746	39,825	47,332	50,470	52,894	54,456	48,905	43,526	36,211	39,642	529,815	529,202
	2038	42,862	36,386	37,935	40,034	47,592	50,740	53,180	54,757	49,175	43,773	36,414	39,899	532,748	532,040
	2039	43,138	36,620	38,148	40,264	47,874	51,029	53,481	55,068	49,449	44,022	36,614	40,150	535,854	535,155
	2040	43,407	38,102	38,354	40,487	48,147	51,308	53,771	55,366	49,712	44,261	36,805	40,391	540,110	539,438

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	8.3%	6.8%	7.0%	8.1%	9.2%	9.7%	10.1%	10.6%	9.4%	7.2%	6.5%	7.2%	100.0%
	2012	7.8%	6.9%	7.7%	8.0%	9.3%	8.7%	10.3%	9.9%	9.2%	8.1%	6.6%	7.5%	100.0%
	2013	7.7%	7.0%	7.4%	8.1%	8.8%	9.4%	9.5%	10.2%	9.5%	8.3%	6.8%	7.3%	100.0%
	2014	8.9%	6.6%	6.9%	7.7%	8.9%	9.1%	9.9%	10.3%	9.0%	7.9%	6.9%	7.8%	100.0%
	2015	7.8%	7.1%	7.6%	7.9%	9.0%	9.7%	9.5%	9.9%	8.9%	7.8%	7.4%	7.3%	100.0%
	2016	7.6%	6.8%	7.0%	7.3%	8.7%	10.0%	10.9%	10.5%	9.5%	8.0%	6.6%	7.0%	100.0%
	2017	7.2%	6.2%	7.2%	7.9%	9.2%	9.3%	10.3%	10.7%	9.4%	8.6%	6.7%	7.4%	100.0%
	2018	8.7%	6.5%	6.8%	7.1%	8.2%	9.4%	9.6%	10.4%	10.2%	8.9%	7.1%	7.2%	100.0%
	2019	7.7%	6.4%	6.9%	7.5%	9.6%	9.8%	10.0%	10.2%	9.6%	8.9%	6.6%	6.8%	100.0%
	2020	7.2%	6.7%	7.8%	7.5%	8.5%	9.7%	10.4%	10.4%	9.5%	8.3%	6.8%	7.3%	100.0%
Projected	2021	8.0%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.3%	8.3%	6.8%	7.4%	100.0%
	2022	8.0%	6.8%	7.1%	7.5%	8.9%	9.6%	10.0%	10.3%	9.3%	8.2%	6.8%	7.4%	100.0%
	2023	8.0%	6.8%	7.2%	7.5%	8.9%	9.6%	10.0%	10.3%	9.3%	8.2%	6.8%	7.4%	100.0%
	2024	8.0%	7.0%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.2%	8.2%	6.8%	7.4%	100.0%
	2025	8.0%	6.8%	7.2%	7.5%	8.9%	9.5%	10.0%	10.3%	9.3%	8.2%	6.8%	7.4%	100.0%
	2026	8.0%	6.8%	7.2%	7.5%	8.9%	9.5%	10.0%	10.3%	9.3%	8.2%	6.8%	7.4%	100.0%
	2027	8.0%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.2%	8.2%	6.8%	7.4%	100.0%
	2028	8.0%	7.0%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.2%	8.2%	6.8%	7.4%	100.0%
	2029	8.0%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.2%	8.2%	6.8%	7.4%	100.0%
	2030	8.0%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.2%	8.2%	6.8%	7.5%	100.0%
Avg.	2011-2020	7.9%	6.7%	7.2%	7.7%	9.0%	9.5%	10.1%	10.3%	9.4%	8.2%	6.8%	7.3%	100.0%
	2021-2030	8.0%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.2%	8.2%	6.8%	7.4%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Low Economic Case

Leesburg

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	101.2	81.4	63.9	93.7	95.8	104.2	102.0	106.6	98.3	76.5	64.0	65.9	106.8	106.6
	2012	94.0	88.4	75.5	84.5	90.4	95.6	100.1	100.5	98.6	87.0	60.9	71.4	94.0	100.5
	2013	68.8	81.0	84.5	83.3	88.9	97.7	95.8	99.0	97.2	83.7	70.9	66.0	84.5	99.0
	2014	91.2	77.2	60.4	85.4	91.3	94.5	94.5	100.0	97.7	85.9	76.3	74.2	91.2	100.0
	2015	86.0	100.1	76.6	81.4	94.8	107.1	97.4	105.4	96.4	87.8	85.4	70.6	100.1	107.1
	2016	91.8	90.9	76.4	89.1	94.1	105.4	110.9	107.0	101.5	87.9	72.3	73.4	91.8	110.9
	2017	84.8	73.0	78.8	99.1	102.3	105.9	108.7	109.3	104.6	99.7	71.5	84.6	84.8	109.3
	2018	115.3	79.4	71.4	78.6	96.8	106.5	107.5	110.5	109.0	103.2	86.9	83.3	115.3	110.5
	2019	89.3	78.5	77.0	89.4	111.4	115.8	112.8	110.7	109.9	98.0	83.9	72.9	89.3	115.8
	2020	97.7	74.7	92.2	92.6	104.2	114.1	110.5	114.9	110.9	98.0	79.2	75.2	97.7	114.9
Projected	2021	101.4	92.0	85.0	90.5	102.0	109.6	106.9	111.8	105.7	95.5	79.7	75.7	101.4	111.8
	2022	102.1	92.6	85.6	91.2	102.8	110.4	107.7	112.6	106.4	96.3	80.0	76.0	102.1	112.6
	2023	102.5	93.0	85.9	91.1	102.6	110.2	107.5	112.4	106.2	96.1	79.8	75.8	102.5	112.4
	2024	102.2	92.7	85.7	90.8	102.4	109.9	107.1	112.0	105.9	95.8	79.8	75.8	102.2	112.0
	2025	102.2	92.7	85.7	90.7	102.3	109.8	107.0	111.9	105.8	95.7	79.8	75.8	102.2	111.9
	2026	102.3	92.8	85.7	90.7	102.3	109.7	106.9	111.8	105.7	95.7	80.0	75.9	102.3	111.8
	2027	102.4	92.9	85.9	90.8	102.4	109.8	107.0	111.9	105.8	95.8	80.2	76.1	102.4	111.9
	2028	102.6	93.1	86.0	91.1	102.7	109.9	107.2	112.1	105.9	96.1	80.5	76.4	102.6	112.1
	2029	103.1	93.5	86.4	91.3	103.0	110.2	107.4	112.3	106.1	96.3	80.8	76.7	103.1	112.3
	2030	103.5	93.9	86.8	91.7	103.4	110.5	107.8	112.7	106.5	96.8	81.3	77.2	103.5	112.7
Projected	2031	104.1	94.5	87.3	92.1	103.9	111.0	108.2	113.2	107.0	97.3	81.7	77.6	104.1	113.2
	2032	104.6	94.9	87.7	92.6	104.4	111.5	108.7	113.7	107.4	97.7	82.2	78.0	104.6	113.7
	2033	105.3	95.5	88.2	93.1	105.0	112.1	109.3	114.3	108.0	98.3	82.8	78.6	105.3	114.3
	2034	106.0	96.2	88.9	93.6	105.6	112.7	109.9	114.9	108.6	98.8	83.3	79.1	106.0	114.9
	2035	106.6	96.7	89.4	94.2	106.3	113.3	110.5	115.6	109.2	99.4	83.8	79.6	106.6	115.6
	2036	107.4	97.4	90.0	94.8	107.0	114.0	111.1	116.3	109.8	100.1	84.5	80.2	107.4	116.3
	2037	108.2	98.2	90.7	95.4	107.6	114.6	111.7	116.9	110.4	100.7	85.0	80.7	108.2	116.9
	2038	108.9	98.8	91.3	95.9	108.3	115.3	112.3	117.6	111.0	101.3	85.6	81.3	108.9	117.6
	2039	109.7	99.5	91.9	96.5	109.0	115.9	113.0	118.2	111.6	101.9	86.2	81.8	109.7	118.2
	2040	110.4	100.1	92.5	97.1	109.6	116.6	113.6	118.9	112.2	102.5	87.7	83.3	110.4	118.9

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	52.7%	59.7%	70.9%	57.4%	62.2%	62.2%	64.0%	64.2%	63.6%	60.7%	67.8%	70.4%	51.4%	51.4%
	2012	52.8%	53.1%	65.5%	62.4%	65.3%	59.9%	65.5%	62.6%	61.7%	59.6%	71.7%	67.3%	57.6%	53.9%
	2013	70.1%	60.1%	55.1%	62.9%	62.5%	62.6%	62.1%	64.7%	63.7%	62.0%	62.4%	69.7%	63.1%	53.9%
	2014	61.2%	59.5%	71.5%	58.7%	61.0%	62.7%	65.9%	64.9%	59.3%	57.8%	58.4%	65.7%	58.3%	53.2%
	2015	58.5%	51.2%	64.3%	64.7%	61.8%	60.5%	63.5%	60.9%	62.1%	57.9%	57.9%	67.0%	55.0%	51.4%
	2016	54.8%	52.7%	60.4%	56.0%	61.1%	64.3%	65.0%	64.4%	63.6%	60.2%	62.1%	63.0%	60.9%	50.4%
	2017	55.7%	61.6%	59.9%	54.4%	59.3%	59.6%	62.2%	64.3%	61.4%	57.1%	63.5%	57.3%	66.0%	51.2%
	2018	51.4%	61.8%	65.0%	63.6%	58.2%	62.1%	61.4%	64.5%	65.8%	58.8%	57.7%	58.8%	50.4%	52.5%
	2019	58.4%	61.2%	61.0%	59.2%	58.3%	59.1%	60.3%	62.4%	61.1%	61.9%	55.5%	63.5%	64.6%	49.8%
	2020	49.9%	65.0%	57.5%	56.6%	55.7%	59.5%	64.1%	61.4%	60.0%	57.6%	60.2%	66.3%	59.1%	50.3%
Projected	2021	53.7%	55.4%	56.9%	58.1%	59.1%	61.0%	63.7%	62.7%	61.5%	58.6%	60.2%	66.4%	56.8%	51.6%
	2022	53.6%	55.4%	57.0%	58.1%	59.2%	61.1%	63.7%	62.7%	61.5%	58.4%	60.3%	66.6%	56.8%	51.5%
	2023	53.5%	55.4%	56.8%	58.3%	59.3%	61.1%	63.7%	62.6%	61.5%	58.4%	60.4%	66.6%	56.6%	51.6%
	2024	53.5%	55.3%	56.9%	58.3%	59.3%	61.1%	63.6%	62.6%	61.5%	58.4%	60.3%	66.5%	56.7%	51.8%
	2025	53.4%	55.3%	56.8%	58.3%	59.4%	61.1%	63.6%	62.6%	61.5%	58.4%	60.2%	66.5%	56.5%	51.6%
	2026	53.4%	55.3%	56.7%	58.3%	59.3%	61.1%	63.6%	62.6%	61.5%	58.4%	60.1%	66.4%	56.5%	51.7%
	2027	53.3%	55.2%	56.7%	58.2%	59.3%	61.1%	63.6%	62.6%	61.5%	58.3%	60.0%	66.4%	56.4%	51.7%
	2028	53.3%	55.1%	56.6%	58.2%	59.3%	61.1%	63.6%	62.6%	61.5%	58.3%	59.9%	66.3%	56.6%	51.8%
	2029	53.2%	55.1%	56.5%	58.2%	59.3%	61.1%	63.6%	62.6%	61.5%	58.3%	59.7%	66.3%	56.3%	51.7%
	2030	53.2%	55.1%	56.4%	58.1%	59.2%	61.1%	63.6%	62.6%	61.5%	58.3%	59.7%	66.3%	56.3%	51.7%
Avg.	2011-2020	56.5%	58.6%	63.1%	59.6%	60.5%	61.2%	63.4%	63.4%	62.2%	59.4%	61.7%	64.9%	58.6%	51.8%
	2021-2030	53.4%	55.3%	56.7%	58.2%	59.3%	61.1%	63.6%	62.6%	61.5%	58.4%	60.1%	66.4%	56.6%	51.7%

FMPA 2021 Load Forecast - Low Economic Case

Leesburg

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	100.9	81.4	56.5	86.9	95.8	100.3	97.2	100.0	94.6	76.5	59.4	61.6	105.3	100.0
	2012	90.6	88.4	68.0	78.5	83.8	81.4	89.7	98.0	98.5	86.4	56.2	71.1	90.6	89.7
	2013	65.9	79.5	80.8	81.8	84.1	81.6	89.3	90.5	87.6	79.0	64.0	58.2	80.8	90.5
	2014	89.4	77.2	50.5	85.4	84.9	91.1	87.8	95.8	96.5	85.9	72.9	72.3	89.4	95.8
	2015	86.0	100.1	72.5	81.4	94.6	105.6	96.9	101.1	93.9	87.1	84.7	70.6	100.1	105.6
	2016	90.3	90.9	76.4	89.1	91.6	99.7	110.9	105.7	97.2	87.0	72.3	67.0	84.7	110.9
	2017	84.8	73.0	78.8	99.1	102.3	105.0	106.7	108.4	101.2	99.7	71.5	84.6	78.8	108.4
	2018	115.3	79.4	70.5	77.2	92.5	100.5	104.7	109.0	108.7	103.0	85.8	83.3	115.3	109.0
	2019	89.3	78.5	77.0	89.4	111.4	115.8	110.4	109.4	109.9	95.7	83.6	60.7	85.8	115.8
	2020	97.7	73.4	92.2	84.8	104.2	112.0	108.4	110.8	109.5	96.7	77.5	72.4	92.2	112.0
Projected	2021	101.0	91.8	82.5	88.8	99.9	106.1	104.5	109.8	104.1	94.2	78.0	72.9	101.0	109.8
	2022	101.7	92.4	83.1	89.5	100.7	106.9	105.3	110.6	104.9	94.9	78.3	73.2	101.7	110.6
	2023	102.1	92.8	83.4	89.3	100.5	106.7	105.1	110.4	104.7	94.8	78.1	73.0	102.1	110.4
	2024	101.8	92.5	83.2	89.1	100.3	106.4	104.7	110.0	104.4	94.5	78.1	73.0	101.8	110.0
	2025	101.8	92.6	83.2	89.0	100.2	106.2	104.6	109.9	104.2	94.4	78.1	73.0	101.8	109.9
	2026	101.9	92.6	83.2	89.0	100.2	106.2	104.5	109.8	104.1	94.4	78.2	73.1	101.9	109.8
	2027	102.0	92.7	83.4	89.1	100.3	106.2	104.6	109.9	104.2	94.5	78.4	73.3	102.0	109.9
	2028	102.3	92.9	83.5	89.3	100.6	106.4	104.7	110.1	104.4	94.7	78.8	73.6	102.3	110.1
	2029	102.7	93.4	83.9	89.6	100.8	106.6	104.9	110.3	104.6	95.0	79.1	73.9	102.7	110.3
	2030	103.1	93.7	84.2	89.9	101.3	107.0	105.3	110.7	104.9	95.4	79.5	74.4	103.1	110.7
Projected	2031	103.7	94.3	84.8	90.4	101.8	107.5	105.8	111.2	105.4	95.9	79.9	74.7	103.7	111.2
	2032	104.2	94.7	85.2	90.8	102.2	107.9	106.2	111.7	105.8	96.3	80.4	75.2	104.2	111.7
	2033	104.9	95.3	85.7	91.3	102.9	108.5	106.8	112.3	106.4	96.9	81.0	75.7	104.9	112.3
	2034	105.6	96.0	86.3	91.8	103.4	109.0	107.3	112.9	106.9	97.5	81.5	76.2	105.6	112.9
	2035	106.2	96.6	86.8	92.4	104.1	109.7	107.9	113.5	107.5	98.1	82.0	76.7	106.2	113.5
	2036	107.0	97.2	87.4	93.0	104.8	110.3	108.6	114.2	108.2	98.7	82.7	77.3	107.0	114.2
	2037	107.8	98.0	88.1	93.5	105.4	110.9	109.2	114.8	108.8	99.3	83.2	77.8	107.8	114.8
	2038	108.5	98.6	88.6	94.1	106.0	111.5	109.8	115.4	109.4	99.9	83.8	78.3	108.5	115.4
	2039	109.3	99.3	89.3	94.7	106.7	112.1	110.4	116.1	110.0	100.5	84.3	78.8	109.3	116.1
	2040	109.9	99.9	89.8	95.3	107.3	112.7	111.0	116.7	110.6	101.1	85.8	80.2	109.9	116.7

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	99.7%	100.0%	88.4%	92.7%	100.0%	96.2%	95.2%	93.8%	96.3%	100.0%	92.8%	93.5%	98.6%	93.8%
	2012	96.3%	100.0%	90.1%	93.0%	92.8%	85.2%	89.5%	97.5%	99.9%	99.3%	92.2%	99.6%	96.3%	89.2%
	2013	95.7%	98.2%	95.6%	98.2%	94.6%	83.5%	93.1%	91.3%	90.1%	94.4%	90.3%	88.2%	95.6%	91.3%
	2014	97.9%	100.0%	83.5%	100.0%	93.0%	96.3%	92.9%	95.8%	98.8%	100.0%	95.5%	97.4%	97.9%	95.8%
	2015	100.0%	100.0%	94.6%	100.0%	99.8%	98.6%	99.4%	96.0%	97.3%	99.2%	99.2%	100.0%	100.0%	98.6%
	2016	98.3%	100.0%	100.0%	100.0%	97.3%	94.6%	100.0%	98.8%	95.8%	99.0%	100.0%	91.2%	92.2%	100.0%
	2017	100.0%	100.0%	100.0%	100.0%	100.0%	99.2%	98.2%	99.1%	96.8%	100.0%	100.0%	100.0%	93.0%	99.1%
	2018	100.0%	100.0%	98.7%	98.1%	95.6%	94.4%	97.4%	98.6%	99.7%	99.7%	98.8%	100.0%	100.0%	98.6%
	2019	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	97.9%	98.8%	100.0%	97.6%	99.6%	83.4%	96.1%	100.0%
	2020	100.0%	98.2%	100.0%	91.5%	100.0%	98.2%	98.1%	96.5%	98.7%	98.6%	97.8%	96.3%	94.4%	97.5%
Projected	2021	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2022	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2023	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2024	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2025	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2026	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2027	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2028	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2029	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2030	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2011-2020	98.8%	99.6%	95.1%	97.4%	97.3%	94.6%	96.2%	96.6%	97.3%	98.8%	96.6%	95.0%	96.4%	96.4%
	2021-2030	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%

FMPA 2021 Load Forecast - Low Economic Case - Leesburg

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service						City		Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	218,688		17,795		12,289		239,294		3,011		79.5		15,695		7,623		481,300		18,270	3.7%	499,570	
	2012	197,704	-9.6%	17,739	-0.3%	11,145	-9.3%	230,966	-3.5%	2,974	-1.2%	77.7	-2.3%	15,239	-2.9%	7,260	-4.8%	451,169	-6.3%	17,984	3.8%	469,153	-6.1%
	2013	201,419	1.9%	17,967	1.3%	11,211	0.6%	231,802	0.4%	3,028	1.8%	76.5	-1.4%	14,931	-2.0%	7,423	2.2%	455,575	1.0%	13,071	2.8%	468,646	-0.1%
	2014	206,760	2.7%	18,534	3.2%	11,156	-0.5%	215,062	-7.2%	3,051	0.8%	70.5	-7.9%	15,439	3.4%	7,536	1.5%	444,797	-2.4%	20,967	4.5%	465,764	-0.6%
	2015	214,577	3.8%	18,791	1.4%	11,419	2.4%	220,826	2.7%	3,189	4.5%	69.2	-1.7%	15,352	-0.6%	7,610	1.0%	458,366	3.1%	20,500	4.3%	478,866	2.8%
	2016	225,911	5.3%	19,168	2.0%	11,786	3.2%	224,942	1.9%	3,518	10.3%	63.9	-7.7%	15,123	-1.5%	7,952	4.5%	473,928	3.4%	18,644	3.8%	492,572	2.9%
	2017	227,642	0.8%	20,278	5.8%	11,226	-4.7%	218,671	-2.8%	3,572	1.5%	61.2	-4.3%	15,256	0.9%	7,897	-0.7%	469,466	-0.9%	15,321	3.2%	484,786	-1.6%
	2018	241,724	6.2%	21,453	5.8%	11,268	0.4%	216,301	-1.1%	3,302	-7.6%	65.5	7.0%	16,007	4.9%	7,946	0.6%	481,977	2.7%	20,063	4.0%	502,040	3.6%
	2019	257,523	6.5%	21,434	-0.1%	12,015	6.6%	221,852	2.6%	3,284	-0.5%	67.5	3.1%	14,853	-7.2%	7,707	-3.0%	501,936	4.1%	7,839	1.5%	509,775	1.5%
	2020	262,000	1.7%	21,627	0.9%	12,115	0.8%	208,760	-5.9%	3,299	0.4%	63.3	-6.3%	12,843	-13.5%	7,563	-1.9%	491,167	-2.1%	14,284	2.8%	505,451	-0.8%
Projected	2021	258,372	-1.4%	21,894	1.2%	11,801	-2.6%	211,130	1.1%	3,362	1.9%	62.8	-0.8%	13,623	6.1%	7,563	0.0%	490,688	-0.1%	15,076	3.0%	505,764	0.1%
	2022	257,015	-0.5%	22,008	0.5%	11,678	-1.0%	215,397	2.0%	3,380	0.5%	63.7	1.5%	13,545	-0.6%	7,563	0.0%	493,521	0.6%	15,642	3.1%	509,163	0.7%
	2023	254,500	-1.0%	22,103	0.4%	11,514	-1.4%	218,804	1.6%	3,394	0.4%	64.5	1.2%	13,588	0.3%	7,563	0.0%	494,455	0.2%	15,654	3.1%	510,108	0.2%
	2024	250,544	-1.6%	22,206	0.5%	11,283	-2.0%	221,702	1.3%	3,409	0.4%	65.0	0.9%	13,653	0.5%	7,563	0.0%	493,461	-0.2%	16,796	3.3%	510,257	0.0%
	2025	248,058	-1.0%	22,309	0.5%	11,119	-1.4%	223,999	1.0%	3,424	0.5%	65.4	0.6%	13,725	0.5%	7,563	0.0%	493,345	0.0%	15,625	3.1%	508,971	-0.3%
	2026	246,761	-0.5%	22,408	0.4%	11,012	-1.0%	225,512	0.7%	3,441	0.5%	65.5	0.2%	13,801	0.6%	7,563	0.0%	493,637	0.1%	15,639	3.1%	509,276	0.1%
	2027	246,285	-0.2%	22,499	0.4%	10,946	-0.6%	226,847	0.6%	3,457	0.5%	65.6	0.1%	13,877	0.6%	7,563	0.0%	494,572	0.2%	15,675	3.1%	510,247	0.2%
	2028	246,232	0.0%	22,589	0.4%	10,901	-0.4%	228,359	0.7%	3,475	0.5%	65.7	0.2%	13,955	0.6%	7,563	0.0%	496,109	0.3%	16,913	3.3%	513,022	0.5%
	2029	246,280	0.0%	22,677	0.4%	10,860	-0.4%	230,110	0.8%	3,492	0.5%	65.9	0.3%	14,035	0.6%	7,563	0.0%	497,988	0.4%	15,792	3.1%	513,780	0.1%
	2030	246,611	0.1%	22,763	0.4%	10,834	-0.2%	231,955	0.8%	3,510	0.5%	66.1	0.3%	14,117	0.6%	7,563	0.0%	500,246	0.5%	15,869	3.1%	516,116	0.5%
	2031	247,617	0.4%	22,843	0.4%	10,840	0.1%	233,786	0.8%	3,527	0.5%	66.3	0.3%	14,197	0.6%	7,563	0.0%	503,164	0.6%	15,963	3.1%	519,127	0.6%
	2032	248,424	0.3%	22,913	0.3%	10,842	0.0%	235,646	0.8%	3,544	0.5%	66.5	0.3%	14,275	0.5%	7,563	0.0%	505,909	0.5%	17,258	3.3%	523,166	0.8%
	2033	249,381	0.4%	22,980	0.3%	10,852	0.1%	237,645	0.8%	3,561	0.5%	66.7	0.4%	14,354	0.6%	7,563	0.0%	508,943	0.6%	16,152	3.1%	525,096	0.4%
	2034	250,638	0.5%	23,047	0.3%	10,875	0.2%	239,785	0.9%	3,578	0.5%	67.0	0.4%	14,433	0.6%	7,563	0.0%	512,420	0.7%	16,262	3.1%	528,682	0.7%
	2035	251,556	0.4%	23,112	0.3%	10,884	0.1%	241,989	0.9%	3,596	0.5%	67.3	0.4%	14,513	0.6%	7,563	0.0%	515,622	0.6%	16,367	3.1%	531,989	0.6%
	2036	253,108	0.6%	23,175	0.3%	10,922	0.3%	244,189	0.9%	3,613	0.5%	67.6	0.4%	14,593	0.5%	7,563	0.0%	519,453	0.7%	17,730	3.3%	537,183	1.0%
	2037	254,511	0.6%	23,232	0.2%	10,955	0.3%	246,318	0.9%	3,630	0.5%	67.9	0.4%	14,671	0.5%	7,563	0.0%	523,063	0.7%	16,603	3.1%	539,666	0.5%
	2038	255,782	0.5%	23,289	0.2%	10,983	0.3%	248,403	0.8%	3,647	0.5%	68.1	0.4%	14,749	0.5%	7,563	0.0%	526,498	0.7%	16,714	3.1%	543,212	0.7%
	2039	257,389	0.6%	23,345	0.2%	11,025	0.4%	250,449	0.8%	3,664	0.5%	68.4	0.4%	14,828	0.5%	7,563	0.0%	530,229	0.7%	16,833	3.1%	547,062	0.7%
	2040	258,913	0.6%	23,403	0.2%	11,063	0.3%	252,493	0.8%	3,681	0.5%	68.6	0.3%	14,907	0.5%	7,563	0.0%	533,876	0.7%	18,222	3.3%	552,098	0.9%
CAGR	2011-2020		2.0%		2.2%		-0.2%		-1.5%		1.0%		-2.5%		-2.2%		-0.1%		0.2%		3.4%		0.1%
	2021-2030		-0.5%		0.4%		-0.9%		1.1%		0.5%		0.6%		0.4%		0.0%		0.2%		3.1%		0.2%
	2031-2040		0.5%		0.3%		0.2%		0.9%		0.5%		0.4%		0.5%		0.0%		0.7%		3.1%		0.7%

CAGR - Compound Average Growth Rate.

Add'l Villages

FMPA 2021 Load Forecast - High Economic Case

Leesburg

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	499,570	-	484,635	-	-3.0%	105.3	-	100.0	-	-5.0%	100.0	-	99.7		-0.3%
	2012	469,153	-6.1%	477,539	-1.5%	1.8%	90.6	-14.0%	89.7	-10.3%	-1.0%	89.7	-10.3%	105.8	6.1%	18.0%
	2013	468,646	-0.1%	473,850	-0.8%	1.1%	80.8	-10.8%	84.8	-5.4%	5.0%	90.5	0.9%	94.3	-10.9%	4.2%
	2014	465,764	-0.6%	461,466	-2.6%	-0.9%	89.4	10.5%	97.6	15.1%	9.3%	95.8	5.9%	93.6	-0.7%	-2.3%
	2015	478,866	2.8%	466,596	1.1%	-2.6%	100.1	12.0%	103.6	6.2%	3.5%	105.6	10.2%	100.1	6.9%	-5.3%
	2016	492,572	2.9%	477,997	2.4%	-3.0%	84.7	-15.4%	91.9	-11.3%	8.6%	110.9	5.0%	105.7	5.6%	-4.7%
	2017	484,786	-1.6%	491,579	2.8%	1.4%	78.8	-6.9%	97.2	5.7%	23.2%	108.4	-2.3%	109.7	3.8%	1.3%
	2018	502,040	3.6%	500,497	1.8%	-0.3%	115.3	46.3%	110.8	14.1%	-3.9%	109.0	0.6%	114.3	4.2%	4.9%
	2019	509,775	1.5%	496,964	-0.7%	-2.5%	85.8	-25.6%	104.0	-6.2%	21.2%	115.8	6.3%	110.8	-3.1%	-4.3%
	2020	505,451	-0.8%	499,157	0.4%	-1.2%	92.2	7.4%	104.8	0.8%	13.7%	112.0	-3.3%	109.4	-1.3%	-2.3%
Projected	2021	510,686	1.0%	510,686	2.3%		101.2	9.8%	101.2	-3.4%		112.0	0.0%	112.0	2.4%	
	2022			527,882	3.4%				104.9	3.6%				115.7	3.3%	
	2023			540,161	2.3%				107.6	2.5%				118.1	2.0%	
	2024			551,308	2.1%				109.5	1.8%				120.2	1.8%	
	2025			558,634	1.3%				111.4	1.7%				121.9	1.4%	
	2026			566,143	1.3%				112.9	1.4%				123.5	1.3%	
	2027			573,700	1.3%				114.4	1.3%				125.2	1.3%	
	2028			582,823	1.6%				115.9	1.3%				126.9	1.4%	
	2029			589,304	1.1%				117.5	1.4%				128.6	1.3%	
	2030			597,331	1.4%				119.1	1.3%				130.4	1.4%	
	2031			605,965	1.4%				120.8	1.5%				132.3	1.4%	
	2032			615,648	1.6%				122.4	1.3%				134.0	1.3%	
	2033			622,724	1.1%				124.1	1.4%				136.0	1.4%	
	2034			631,664	1.4%				126.0	1.5%				137.8	1.4%	
	2035			640,172	1.3%				127.6	1.3%				139.8	1.4%	
	2036			650,929	1.7%				129.4	1.4%				141.8	1.4%	
	2037			658,342	1.1%				131.3	1.5%				143.7	1.3%	
	2038			666,997	1.3%				133.0	1.3%				145.6	1.3%	
	2039			676,017	1.4%				134.8	1.4%				147.6	1.3%	
	2040			686,479	1.5%				136.5	1.3%				149.5	1.3%	
CAGR [3]	2011-2020		0.1%		0.3%			-1.5%		0.5%			1.3%		1.0%	
	2021-2030				1.8%					1.8%					1.7%	
	2031-2040				1.4%					1.4%					1.4%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Leesburg

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	499,570	-	499,570	-	106.8	106.6	106.8	106.6	105.3	100.0	105.3	100.0
	2012	469,153	-6.1%	469,153	-6.1%	94.0	100.5	94.0	100.5	90.6	89.7	90.6	89.7
	2013	468,646	-0.1%	468,646	-0.1%	84.5	99.0	84.5	99.0	80.8	90.5	80.8	90.5
	2014	465,764	-0.6%	465,764	-0.6%	91.2	100.0	91.2	100.0	89.4	95.8	89.4	95.8
	2015	478,866	2.8%	478,866	2.8%	100.1	107.1	100.1	107.1	100.1	105.6	100.1	105.6
	2016	492,572	2.9%	492,572	2.9%	91.8	110.9	91.8	110.9	84.7	110.9	84.7	110.9
	2017	484,786	-1.6%	484,786	-1.6%	84.8	109.3	84.8	109.3	78.8	108.4	78.8	108.4
	2018	502,040	3.6%	502,040	3.6%	115.3	110.5	115.3	110.5	115.3	109.0	115.3	109.0
	2019	509,775	1.5%	509,775	1.5%	89.3	115.8	89.3	115.8	85.8	115.8	85.8	115.8
	2020	505,451	-0.8%	506,549	-0.6%	97.7	114.9	100.4	112.5	92.2	112.0	99.8	110.2
Projected	2021	510,686	1.0%	518,045	2.3%	101.6	114.0	103.3	115.2	101.2	112.0	102.7	112.8
	2022	527,882	3.4%	528,650	2.0%	105.3	117.8	105.4	117.5	104.9	115.7	104.8	115.1
	2023	540,161	2.3%	538,227	1.8%	108.0	120.2	107.4	119.6	107.6	118.1	106.8	117.1
	2024	551,308	2.1%	548,188	1.9%	109.9	122.3	109.1	121.4	109.5	120.2	108.4	118.9
	2025	558,634	1.3%	554,977	1.2%	111.8	124.1	110.8	123.2	111.4	121.9	110.2	120.6
	2026	566,143	1.3%	562,700	1.4%	113.3	125.8	112.4	124.9	112.9	123.5	111.7	122.3
	2027	573,700	1.3%	570,185	1.3%	114.8	127.4	113.9	126.5	114.4	125.2	113.2	123.9
	2028	582,823	1.6%	578,639	1.5%	116.3	129.2	115.3	128.1	115.9	126.9	114.6	125.4
	2029	589,304	1.1%	583,753	0.9%	118.0	130.9	116.7	129.4	117.5	128.6	116.0	126.8
	2030	597,331	1.4%	590,095	1.1%	119.5	132.7	117.9	130.9	119.1	130.4	117.2	128.2
	2031	605,965	1.4%	597,096	1.2%	121.3	134.6	119.3	132.4	120.8	132.3	118.6	129.7
	2032	615,648	1.6%	605,066	1.3%	122.9	136.4	120.6	133.9	122.4	134.0	119.8	131.1
	2033	622,724	1.1%	610,282	0.9%	124.6	138.4	121.9	135.4	124.1	136.0	121.2	132.6
	2034	631,664	1.4%	616,956	1.1%	126.4	140.3	123.3	136.8	126.0	137.8	122.6	134.0
	2035	640,172	1.3%	623,031	1.0%	128.1	142.3	124.5	138.2	127.6	139.8	123.7	135.3
	2036	650,929	1.7%	631,230	1.3%	129.8	144.3	125.8	139.7	129.4	141.8	125.0	136.8
	2037	658,342	1.1%	636,127	0.8%	131.8	146.3	127.2	141.0	131.3	143.7	126.4	138.1
	2038	666,997	1.3%	642,090	0.9%	133.5	148.2	128.3	142.4	133.0	145.6	127.5	139.4
	2039	676,017	1.4%	648,238	1.0%	135.3	150.2	129.6	143.7	134.8	147.6	128.8	140.8
	2040	686,479	1.5%			137.0	152.2			136.5	149.5		
CAGR[1]	Historical		0.1%		0.3%	-1.0%	0.8%	-2.2%	1.0%	0.2%	2.8%	-0.8%	3.7%
	1st 10 Prj Yrs		1.8%		1.6%	1.8%	1.7%	1.7%	1.6%	1.8%	1.7%	1.7%	1.6%
	2nd 10 Prj Yrs		1.4%		1.0%	1.4%	1.4%	1.1%	1.0%	1.4%	1.4%	1.1%	1.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Leesburg

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	499,570	-	484,635	-	-3.0%	105.3	-	100.0	-	-5.0%	100.0	-	99.7		-0.3%
	2012	469,153	-6.1%	477,539	-1.5%	1.8%	90.6	-14.0%	89.7	-10.3%	-1.0%	89.7	-10.3%	105.8	6.1%	18.0%
	2013	468,646	-0.1%	473,850	-0.8%	1.1%	80.8	-10.8%	84.8	-5.4%	5.0%	90.5	0.9%	94.3	-10.9%	4.2%
	2014	465,764	-0.6%	461,466	-2.6%	-0.9%	89.4	10.5%	97.6	15.1%	9.3%	95.8	5.9%	93.6	-0.7%	-2.3%
	2015	478,866	2.8%	466,596	1.1%	-2.6%	100.1	12.0%	103.6	6.2%	3.5%	105.6	10.2%	100.1	6.9%	-5.3%
	2016	492,572	2.9%	477,997	2.4%	-3.0%	84.7	-15.4%	91.9	-11.3%	8.6%	110.9	5.0%	105.7	5.6%	-4.7%
	2017	484,786	-1.6%	491,579	2.8%	1.4%	78.8	-6.9%	97.2	5.7%	23.2%	108.4	-2.3%	109.7	3.8%	1.3%
	2018	502,040	3.6%	500,497	1.8%	-0.3%	115.3	46.3%	110.8	14.1%	-3.9%	109.0	0.6%	114.3	4.2%	4.9%
	2019	509,775	1.5%	496,964	-0.7%	-2.5%	85.8	-25.6%	104.0	-6.2%	21.2%	115.8	6.3%	110.8	-3.1%	-4.3%
	2020	505,451	-0.8%	488,428	-1.7%	-3.4%	92.2	7.4%	104.8	0.8%	13.7%	112.0	-3.3%	109.4	-1.3%	-2.3%
Projected	2021	509,594	0.8%	509,594	4.3%		101.2	9.8%	101.2	-3.4%		111.7	-0.2%	111.7	2.1%	
	2022			526,442	3.3%				104.9	3.6%				115.4	3.3%	
	2023			538,372	2.3%				107.6	2.5%				117.7	2.0%	
	2024			549,115	2.0%				109.5	1.8%				119.7	1.7%	
	2025			555,996	1.3%				111.4	1.7%				121.3	1.4%	
	2026			562,860	1.2%				112.9	1.4%				122.8	1.2%	
	2027			569,709	1.2%				114.4	1.3%				124.2	1.2%	
	2028			578,071	1.5%				115.9	1.3%				125.8	1.2%	
	2029			583,760	1.0%				117.5	1.4%				127.3	1.2%	
	2030			590,950	1.2%				119.1	1.3%				128.9	1.3%	
	2031			599,056	1.4%				120.8	1.5%				130.6	1.3%	
	2032			608,181	1.5%				122.4	1.3%				132.3	1.3%	
	2033			614,711	1.1%				124.1	1.4%				134.1	1.4%	
	2034			623,086	1.4%				126.0	1.5%				135.8	1.3%	
	2035			631,033	1.3%				127.6	1.3%				137.6	1.3%	
	2036			641,131	1.6%				129.4	1.4%				139.5	1.4%	
	2037			647,878	1.1%				131.3	1.5%				141.2	1.2%	
	2038			655,824	1.2%				133.0	1.3%				142.9	1.2%	
	2039			664,110	1.3%				134.8	1.4%				144.7	1.2%	
	2040			673,818	1.5%				136.5	1.3%				146.5	1.2%	
CAGR [3]	2011-2020		0.1%		0.1%			-1.5%		0.5%			1.3%		1.0%	
	2021-2030				1.7%					1.8%					1.6%	
	2031-2040				1.3%					1.4%					1.3%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Leesburg

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	499,570	-	484,635	-	-3.0%	106.8	-	53.4%	106.6	-	53.5%
	2012	469,153	-6.1%	477,539	-1.5%	1.8%	94.0	-11.9%	56.9%	100.5	-5.8%	53.3%
	2013	468,646	-0.1%	473,850	-0.8%	1.1%	84.5	-10.1%	63.3%	99.0	-1.4%	54.0%
	2014	465,764	-0.6%	461,466	-2.6%	-0.9%	91.2	8.0%	58.3%	100.0	1.0%	53.2%
	2015	478,866	2.8%	466,596	1.1%	-2.6%	100.1	9.7%	54.6%	107.1	7.1%	51.0%
	2016	492,572	2.9%	477,997	2.4%	-3.0%	91.8	-8.3%	61.3%	110.9	3.6%	50.7%
	2017	484,786	-1.6%	491,579	2.8%	1.4%	84.8	-7.7%	65.3%	109.3	-1.5%	50.6%
	2018	502,040	3.6%	500,497	1.8%	-0.3%	115.3	36.0%	49.7%	110.5	1.1%	51.9%
	2019	509,775	1.5%	496,964	-0.7%	-2.5%	89.3	-22.6%	65.2%	115.8	4.8%	50.3%
	2020	505,451	-0.8%	499,157	0.4%	-1.2%	97.7	9.4%	59.1%	114.9	-0.8%	50.2%
Projected	2021	509,594	0.8%	509,594	2.1%		101.6	4.1%	57.2%	113.8	-1.0%	51.1%
	2022	526,442	3.3%	526,442	3.3%		105.3	3.6%	57.1%	117.5	3.3%	51.2%
	2023	538,372	2.3%	538,372	2.3%		108.0	2.5%	56.9%	119.8	2.0%	51.3%
	2024	549,115	2.0%	549,115	2.0%		109.9	1.8%	57.0%	121.8	1.7%	51.5%
	2025	555,996	1.3%	555,996	1.3%		111.8	1.7%	56.8%	123.5	1.4%	51.4%
	2026	562,860	1.2%	562,860	1.2%		113.3	1.4%	56.7%	125.0	1.2%	51.4%
	2027	569,709	1.2%	569,709	1.2%		114.8	1.3%	56.6%	126.5	1.2%	51.4%
	2028	578,071	1.5%	578,071	1.5%		116.3	1.3%	56.7%	128.0	1.2%	51.5%
	2029	583,760	1.0%	583,760	1.0%		118.0	1.4%	56.5%	129.6	1.2%	51.4%
	2030	590,950	1.2%	590,950	1.2%		119.5	1.3%	56.4%	131.2	1.3%	51.4%
	2031	599,056	1.4%	599,056	1.4%		121.3	1.5%	56.4%	133.0	1.3%	51.4%
	2032	608,181	1.5%	608,181	1.5%		122.9	1.3%	56.5%	134.7	1.3%	51.6%
	2033	614,711	1.1%	614,711	1.1%		124.6	1.4%	56.3%	136.5	1.4%	51.4%
	2034	623,086	1.4%	623,086	1.4%		126.4	1.5%	56.3%	138.3	1.3%	51.4%
	2035	631,033	1.3%	631,033	1.3%		128.1	1.3%	56.2%	140.1	1.3%	51.4%
	2036	641,131	1.6%	641,131	1.6%		129.8	1.4%	56.4%	142.0	1.4%	51.5%
	2037	647,878	1.1%	647,878	1.1%		131.8	1.5%	56.1%	143.8	1.2%	51.4%
	2038	655,824	1.2%	655,824	1.2%		133.5	1.3%	56.1%	145.6	1.2%	51.4%
	2039	664,110	1.3%	664,110	1.3%		135.3	1.4%	56.0%	147.4	1.3%	51.4%
	2040	673,818	1.5%	673,818	1.5%		137.0	1.3%	56.2%	149.2	1.2%	51.6%
CAGR [1]	2011-2020		0.1%		0.3%			-1.0%	58.7%		0.8%	51.9%
	2021-2030		1.7%		1.7%			1.8%	56.8%		1.6%	51.4%
	2031-2040		1.3%		1.3%			1.4%	56.3%		1.3%	51.5%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Leesburg

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	39,682	32,663	33,687	38,735	44,344	46,667	48,594	50,910	44,987	34,549	31,244	34,502	480,565	499,570
	2012	36,917	32,660	36,771	37,974	43,926	41,252	48,781	46,816	43,761	38,605	31,462	35,792	474,717	469,153
	2013	35,889	32,673	34,655	37,719	41,300	44,024	44,244	47,680	44,602	38,608	31,863	34,244	467,502	468,646
	2014	41,539	30,866	32,171	36,124	41,397	42,647	46,322	48,247	41,736	36,913	32,055	36,278	466,295	465,764
	2015	37,418	34,461	36,655	37,934	43,607	46,636	46,042	47,761	43,105	37,790	35,586	35,183	482,179	478,866
	2016	37,442	33,370	34,333	35,885	42,778	48,801	53,660	51,238	46,504	39,337	32,309	34,430	490,088	492,572
	2017	35,141	30,207	35,152	38,802	45,152	45,429	50,308	52,280	46,239	42,354	32,697	36,093	489,855	484,786
	2018	44,075	32,995	34,531	35,991	41,893	47,595	49,070	53,065	51,680	45,172	36,081	36,474	508,622	502,040
	2019	38,768	32,274	34,951	38,078	48,329	49,297	50,610	51,385	48,356	45,137	33,554	34,433	505,171	509,775
	2020	36,226	33,793	39,466	37,734	43,126	48,871	52,723	52,461	47,927	41,983	34,296	37,113	505,719	505,451
Projected	2021	40,618	34,426	36,225	38,245	45,415	48,855	51,482	53,106	47,829	42,685	35,532	38,541	512,959	509,594
	2022	41,990	35,660	37,555	39,588	47,035	50,532	53,178	54,815	49,332	43,872	36,513	39,579	529,649	526,442
	2023	42,986	36,501	38,414	40,493	48,063	51,584	54,247	55,869	50,251	44,686	37,175	40,288	540,557	538,372
	2024	43,788	38,450	39,109	41,180	48,906	52,473	55,138	56,818	51,104	45,412	37,790	40,965	551,133	549,115
	2025	44,482	37,763	39,696	41,793	49,624	53,213	55,894	57,583	51,781	45,993	38,266	41,502	557,590	555,996
	2026	45,053	38,245	40,176	42,302	50,234	53,853	56,563	58,274	52,398	46,543	38,717	42,024	564,383	562,860
	2027	45,621	38,727	40,651	42,810	50,848	54,503	57,248	58,984	53,034	47,108	39,180	42,562	571,276	569,709
	2028	46,206	40,559	41,140	43,331	51,477	55,169	57,949	59,709	53,680	47,684	39,651	43,109	579,665	578,071
	2029	46,800	39,725	41,632	43,855	52,108	55,831	58,639	60,417	54,308	48,242	40,105	43,635	585,297	583,760
	2030	47,375	40,219	42,124	44,387	52,758	56,526	59,378	61,192	55,009	48,906	40,656	44,261	592,790	590,950
Projected	2031	48,055	40,791	42,696	44,989	53,477	57,290	60,179	62,015	55,741	49,554	41,184	44,855	600,827	599,056
	2032	48,700	42,743	43,240	45,563	54,163	58,016	60,937	62,792	56,433	50,168	41,687	45,421	609,863	608,181
	2033	49,322	41,870	43,786	46,152	54,880	58,790	61,762	63,657	57,217	50,876	42,273	46,089	616,672	614,711
	2034	50,044	42,473	44,386	46,779	55,622	59,569	62,567	64,474	57,936	51,508	42,786	46,659	624,801	623,086
	2035	50,667	43,009	44,934	47,369	56,338	60,339	63,385	65,329	58,711	52,200	43,360	47,316	632,956	631,033
	2036	51,383	45,100	45,539	48,009	57,107	61,157	64,244	66,215	59,501	52,900	43,929	47,961	643,045	641,131
	2037	52,083	44,201	46,119	48,620	57,836	61,926	65,045	67,034	60,226	53,539	44,448	48,549	649,624	647,878
	2038	52,726	44,750	46,668	49,207	58,547	62,687	65,851	67,873	60,980	54,214	45,001	49,185	657,689	655,824
	2039	53,421	45,336	47,247	49,819	59,284	63,470	66,675	68,723	61,736	54,888	45,549	49,809	665,956	664,110
	2040	54,103	47,475	47,815	50,421	60,007	64,239	67,482	69,554	62,476	55,546	46,084	50,421	675,624	673,818

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	8.3%	6.8%	7.0%	8.1%	9.2%	9.7%	10.1%	10.6%	9.4%	7.2%	6.5%	7.2%	100.0%
	2012	7.8%	6.9%	7.7%	8.0%	9.3%	8.7%	10.3%	9.9%	9.2%	8.1%	6.6%	7.5%	100.0%
	2013	7.7%	7.0%	7.4%	8.1%	8.8%	9.4%	9.5%	10.2%	9.5%	8.3%	6.8%	7.3%	100.0%
	2014	8.9%	6.6%	6.9%	7.7%	8.9%	9.1%	9.9%	10.3%	9.0%	7.9%	6.9%	7.8%	100.0%
	2015	7.8%	7.1%	7.6%	7.9%	9.0%	9.7%	9.5%	9.9%	8.9%	7.8%	7.4%	7.3%	100.0%
	2016	7.6%	6.8%	7.0%	7.3%	8.7%	10.0%	10.9%	10.5%	9.5%	8.0%	6.6%	7.0%	100.0%
	2017	7.2%	6.2%	7.2%	7.9%	9.2%	9.3%	10.3%	10.7%	9.4%	8.6%	6.7%	7.4%	100.0%
	2018	8.7%	6.5%	6.8%	7.1%	8.2%	9.4%	9.6%	10.4%	10.2%	8.9%	7.1%	7.2%	100.0%
	2019	7.7%	6.4%	6.9%	7.5%	9.6%	9.8%	10.0%	10.2%	9.6%	8.9%	6.6%	6.8%	100.0%
	2020	7.2%	6.7%	7.8%	7.5%	8.5%	9.7%	10.4%	10.4%	9.5%	8.3%	6.8%	7.3%	100.0%
Projected	2021	7.9%	6.7%	7.1%	7.5%	8.9%	9.5%	10.0%	10.4%	9.3%	8.3%	6.9%	7.5%	100.0%
	2022	7.9%	6.7%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.3%	8.3%	6.9%	7.5%	100.0%
	2023	8.0%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.3%	8.3%	6.9%	7.5%	100.0%
	2024	7.9%	7.0%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.3%	8.2%	6.9%	7.4%	100.0%
	2025	8.0%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.3%	8.2%	6.9%	7.4%	100.0%
	2026	8.0%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.3%	8.2%	6.9%	7.4%	100.0%
	2027	8.0%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.3%	8.2%	6.9%	7.5%	100.0%
	2028	8.0%	7.0%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.3%	8.2%	6.8%	7.4%	100.0%
	2029	8.0%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.3%	8.2%	6.9%	7.5%	100.0%
	2030	8.0%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.3%	8.3%	6.9%	7.5%	100.0%
Avg.	2011-2020	7.9%	6.7%	7.2%	7.7%	9.0%	9.5%	10.1%	10.3%	9.4%	8.2%	6.8%	7.3%	100.0%
	2021-2030	8.0%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.3%	8.3%	6.9%	7.5%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - High Economic Case

Leesburg

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	101.2	81.4	63.9	93.7	95.8	104.2	102.0	106.6	98.3	76.5	64.0	65.9	106.8	106.6
	2012	94.0	88.4	75.5	84.5	90.4	95.6	100.1	100.5	98.6	87.0	60.9	71.4	94.0	100.5
	2013	68.8	81.0	84.5	83.3	88.9	97.7	95.8	99.0	97.2	83.7	70.9	66.0	84.5	99.0
	2014	91.2	77.2	60.4	85.4	91.3	94.5	94.5	100.0	97.7	85.9	76.3	74.2	91.2	100.0
	2015	86.0	100.1	76.6	81.4	94.8	107.1	97.4	105.4	96.4	87.8	85.4	70.6	100.1	107.1
	2016	91.8	90.9	76.4	89.1	94.1	105.4	110.9	107.0	101.5	87.9	72.3	73.4	91.8	110.9
	2017	84.8	73.0	78.8	99.1	102.3	105.9	108.7	109.3	104.6	99.7	71.5	84.6	84.8	109.3
	2018	115.3	79.4	71.4	78.6	96.8	106.5	107.5	110.5	109.0	103.2	86.9	83.3	115.3	110.5
	2019	89.3	78.5	77.0	89.4	111.4	115.8	112.8	110.7	109.9	98.0	83.9	72.9	89.3	115.8
	2020	97.7	74.7	92.2	92.6	104.2	114.1	110.5	114.9	110.9	98.0	79.4	75.4	97.7	114.9
Projected	2021	101.6	92.2	85.2	92.1	103.8	111.6	108.8	113.8	107.6	97.2	82.2	78.1	101.6	113.8
	2022	105.3	95.5	88.3	95.2	107.3	115.2	112.4	117.5	111.1	100.4	84.3	80.0	105.3	117.5
	2023	108.0	97.9	90.5	97.1	109.4	117.5	114.6	119.8	113.3	102.4	85.8	81.5	108.0	119.8
	2024	109.9	99.7	92.1	98.7	111.3	119.5	116.5	121.8	115.2	104.2	87.3	82.9	109.9	121.8
	2025	111.8	101.4	93.7	100.1	112.9	121.1	118.1	123.5	116.7	105.6	88.5	84.0	111.8	123.5
	2026	113.3	102.8	95.0	101.4	114.3	122.6	119.5	125.0	118.1	107.0	89.7	85.1	113.3	125.0
	2027	114.8	104.2	96.3	102.6	115.7	124.1	121.0	126.5	119.6	108.3	90.8	86.2	114.8	126.5
	2028	116.3	105.5	97.5	104.0	117.2	125.6	122.4	128.0	121.0	109.7	92.1	87.5	116.3	128.0
	2029	118.0	107.0	98.9	105.3	118.7	127.1	123.9	129.6	122.4	111.1	93.3	88.6	118.0	129.6
	2030	119.5	108.4	100.2	106.7	120.3	128.7	125.5	131.2	124.0	112.6	94.7	89.9	119.5	131.2
Projected	2031	121.3	110.0	101.6	108.1	121.9	130.4	127.2	133.0	125.7	114.1	95.9	91.1	121.3	133.0
	2032	122.9	111.4	103.0	109.5	123.5	132.1	128.7	134.7	127.2	115.6	97.3	92.4	122.9	134.7
	2033	124.6	113.0	104.4	111.0	125.3	133.9	130.5	136.5	129.0	117.2	98.7	93.7	124.6	136.5
	2034	126.4	114.7	106.0	112.5	126.9	135.6	132.2	138.3	130.6	118.8	100.0	95.0	126.4	138.3
	2035	128.1	116.2	107.3	114.0	128.6	137.4	133.9	140.1	132.4	120.4	101.4	96.3	128.1	140.1
	2036	129.8	117.8	108.8	115.6	130.4	139.3	135.7	142.0	134.1	122.1	102.9	97.7	129.8	142.0
	2037	131.8	119.5	110.4	117.1	132.1	141.0	137.4	143.8	135.8	123.6	104.2	98.9	131.8	143.8
	2038	133.5	121.1	111.9	118.6	133.8	142.7	139.1	145.6	137.5	125.2	105.6	100.3	133.5	145.6
	2039	135.3	122.7	113.4	120.1	135.5	144.5	140.9	147.4	139.2	126.8	107.0	101.6	135.3	147.4
	2040	137.0	124.2	114.8	121.6	137.2	146.3	142.6	149.2	140.9	128.4	109.6	104.0	137.0	149.2

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	52.7%	59.7%	70.9%	57.4%	62.2%	62.2%	64.0%	64.2%	63.6%	60.7%	67.8%	70.4%	51.4%	53.5%
	2012	52.8%	53.1%	65.5%	62.4%	65.3%	59.9%	65.5%	62.6%	61.7%	59.6%	71.7%	67.3%	57.6%	53.3%
	2013	70.1%	60.1%	55.1%	62.9%	62.5%	62.6%	62.1%	64.7%	63.7%	62.0%	62.4%	69.7%	63.1%	54.0%
	2014	61.2%	59.5%	71.5%	58.7%	61.0%	62.7%	65.9%	64.9%	59.3%	57.8%	58.4%	65.7%	58.3%	53.2%
	2015	58.5%	51.2%	64.3%	64.7%	61.8%	60.5%	63.5%	60.9%	62.1%	57.9%	57.9%	67.0%	55.0%	51.0%
	2016	54.8%	52.7%	60.4%	56.0%	61.1%	64.3%	65.0%	64.4%	63.6%	60.2%	62.1%	63.0%	60.9%	50.7%
	2017	55.7%	61.6%	59.9%	54.4%	59.3%	59.6%	62.2%	64.3%	61.4%	57.1%	63.5%	57.3%	66.0%	50.6%
	2018	51.4%	61.8%	65.0%	63.6%	58.2%	62.1%	61.4%	64.5%	65.8%	58.8%	57.7%	58.8%	50.4%	51.9%
	2019	58.4%	61.2%	61.0%	59.2%	58.3%	59.1%	60.3%	62.4%	61.1%	61.9%	55.5%	63.5%	64.6%	50.3%
	2020	49.9%	65.0%	57.5%	56.6%	55.7%	59.5%	64.1%	61.4%	60.0%	57.6%	60.0%	66.2%	59.1%	50.2%
Projected	2021	53.7%	55.6%	57.2%	57.7%	58.8%	60.8%	63.6%	62.7%	61.8%	59.0%	60.0%	66.3%	57.6%	51.1%
	2022	53.6%	55.5%	57.2%	57.8%	58.9%	60.9%	63.6%	62.7%	61.7%	58.7%	60.2%	66.5%	57.4%	51.2%
	2023	53.5%	55.5%	57.1%	57.9%	59.0%	61.0%	63.6%	62.7%	61.6%	58.6%	60.2%	66.4%	57.2%	51.3%
	2024	53.5%	55.4%	57.0%	57.9%	59.1%	61.0%	63.6%	62.7%	61.6%	58.6%	60.1%	66.4%	57.2%	51.5%
	2025	53.5%	55.4%	56.9%	58.0%	59.1%	61.0%	63.6%	62.7%	61.6%	58.5%	60.1%	66.4%	56.9%	51.4%
	2026	53.4%	55.4%	56.8%	58.0%	59.1%	61.0%	63.6%	62.7%	61.6%	58.5%	60.0%	66.3%	56.9%	51.4%
	2027	53.4%	55.3%	56.8%	57.9%	59.1%	61.0%	63.6%	62.7%	61.6%	58.5%	59.9%	66.3%	56.8%	51.4%
	2028	53.4%	55.2%	56.7%	57.9%	59.0%	61.0%	63.6%	62.7%	61.6%	58.4%	59.8%	66.2%	56.9%	51.5%
	2029	53.3%	55.2%	56.6%	57.9%	59.0%	61.0%	63.6%	62.7%	61.6%	58.4%	59.7%	66.2%	56.6%	51.4%
	2030	53.3%	55.2%	56.5%	57.8%	59.0%	61.0%	63.6%	62.7%	61.6%	58.4%	59.6%	66.2%	56.6%	51.4%
Avg.	2011-2020	56.5%	58.6%	63.1%	59.6%	60.5%	61.2%	63.4%	63.4%	62.2%	59.4%	61.7%	64.9%	58.6%	51.9%
	2021-2030	53.5%	55.4%	56.9%	57.9%	59.0%	61.0%	63.6%	62.7%	61.6%	58.6%	60.0%	66.3%	57.0%	51.4%

FMPA 2021 Load Forecast - High Economic Case

Leesburg

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	100.9	81.4	56.5	86.9	95.8	100.3	97.2	100.0	94.6	76.5	59.4	61.6	105.3	100.0
	2012	90.6	88.4	68.0	78.5	83.8	81.4	89.7	98.0	98.5	86.4	56.2	71.1	90.6	89.7
	2013	65.9	79.5	80.8	81.8	84.1	81.6	89.3	90.5	87.6	79.0	64.0	58.2	80.8	90.5
	2014	89.4	77.2	50.5	85.4	84.9	91.1	87.8	95.8	96.5	85.9	72.9	72.3	89.4	95.8
	2015	86.0	100.1	72.5	81.4	94.6	105.6	96.9	101.1	93.9	87.1	84.7	70.6	100.1	105.6
	2016	90.3	90.9	76.4	89.1	91.6	99.7	110.9	105.7	97.2	87.0	72.3	67.0	84.7	110.9
	2017	84.8	73.0	78.8	99.1	102.3	105.0	106.7	108.4	101.2	99.7	71.5	84.6	78.8	108.4
	2018	115.3	79.4	70.5	77.2	92.5	100.5	104.7	109.0	108.7	103.0	85.8	83.3	115.3	109.0
	2019	89.3	78.5	77.0	89.4	111.4	115.8	110.4	109.4	109.9	95.7	83.6	60.7	85.8	115.8
	2020	97.7	73.4	92.2	84.8	104.2	112.0	108.4	110.8	109.5	96.7	77.6	72.6	92.2	112.0
Projected	2021	101.2	92.0	82.7	90.4	101.7	108.0	106.4	111.7	106.0	95.9	80.5	75.2	101.2	111.7
	2022	104.9	95.4	85.7	93.4	105.1	111.6	109.8	115.4	109.4	99.1	82.5	77.1	104.9	115.4
	2023	107.6	97.8	87.9	95.2	107.2	113.8	112.0	117.7	111.6	101.0	84.0	78.5	107.6	117.7
	2024	109.5	99.5	89.5	96.9	109.0	115.7	113.9	119.7	113.5	102.8	85.4	79.8	109.5	119.7
	2025	111.4	101.2	91.0	98.2	110.5	117.3	115.4	121.3	115.0	104.2	86.6	80.9	111.4	121.3
	2026	112.9	102.6	92.2	99.4	111.9	118.7	116.8	122.8	116.4	105.5	87.7	82.0	112.9	122.8
	2027	114.4	104.0	93.5	100.7	113.3	120.1	118.2	124.2	117.8	106.8	88.9	83.1	114.4	124.2
	2028	115.9	105.3	94.7	102.0	114.8	121.6	119.7	125.8	119.2	108.2	90.1	84.2	115.9	125.8
	2029	117.5	106.8	96.0	103.3	116.2	123.0	121.1	127.3	120.6	109.5	91.3	85.3	117.5	127.3
	2030	119.1	108.2	97.3	104.6	117.8	124.6	122.6	128.9	122.2	111.0	92.6	86.6	119.1	128.9
Projected	2031	120.8	109.8	98.7	106.1	119.4	126.2	124.3	130.6	123.8	112.6	93.9	87.7	120.8	130.6
	2032	122.4	111.2	100.0	107.4	121.0	127.8	125.8	132.3	125.4	114.0	95.2	89.0	122.4	132.3
	2033	124.1	112.8	101.4	108.9	122.7	129.5	127.5	134.1	127.1	115.6	96.6	90.3	124.1	134.1
	2034	126.0	114.5	102.9	110.4	124.3	131.2	129.2	135.8	128.7	117.1	97.8	91.5	126.0	135.8
	2035	127.6	116.0	104.2	111.9	126.0	132.9	130.9	137.6	130.4	118.7	99.2	92.7	127.6	137.6
	2036	129.4	117.6	105.7	113.4	127.7	134.7	132.6	139.5	132.2	120.4	100.7	94.1	129.4	139.5
	2037	131.3	119.3	107.2	114.9	129.4	136.4	134.3	141.2	133.8	121.9	102.0	95.3	131.3	141.2
	2038	133.0	120.8	108.6	116.3	131.0	138.1	135.9	142.9	135.4	123.5	103.3	96.6	133.0	142.9
	2039	134.8	122.5	110.1	117.8	132.7	139.8	137.6	144.7	137.1	125.1	104.6	97.8	134.8	144.7
	2040	136.5	124.0	111.5	119.3	134.4	141.5	139.3	146.5	138.8	126.6	107.2	100.2	136.5	146.5

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	99.7%	100.0%	88.4%	92.7%	100.0%	96.2%	95.2%	93.8%	96.3%	100.0%	92.8%	93.5%	98.6%	93.8%
	2012	96.3%	100.0%	90.1%	93.0%	92.8%	85.2%	89.5%	97.5%	99.9%	99.3%	92.2%	99.6%	96.3%	89.2%
	2013	95.7%	98.2%	95.6%	98.2%	94.6%	83.5%	93.1%	91.3%	90.1%	94.4%	90.3%	88.2%	95.6%	91.3%
	2014	97.9%	100.0%	83.5%	100.0%	93.0%	96.3%	92.9%	95.8%	98.8%	100.0%	95.5%	97.4%	97.9%	95.8%
	2015	100.0%	100.0%	94.6%	100.0%	99.8%	98.6%	99.4%	96.0%	97.3%	99.2%	99.2%	100.0%	100.0%	98.6%
	2016	98.3%	100.0%	100.0%	100.0%	97.3%	94.6%	100.0%	98.8%	95.8%	99.0%	100.0%	91.2%	92.2%	100.0%
	2017	100.0%	100.0%	100.0%	100.0%	100.0%	99.2%	98.2%	99.1%	96.8%	100.0%	100.0%	100.0%	93.0%	99.1%
	2018	100.0%	100.0%	98.7%	98.1%	95.6%	94.4%	97.4%	98.6%	99.7%	99.7%	98.8%	100.0%	100.0%	98.6%
	2019	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	97.9%	98.8%	100.0%	97.6%	99.6%	83.4%	96.1%	100.0%
	2020	100.0%	98.2%	100.0%	91.5%	100.0%	98.2%	98.1%	96.5%	98.7%	98.6%	97.8%	96.3%	94.4%	97.5%
Projected	2021	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2022	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2023	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2024	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2025	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2026	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2027	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2028	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2029	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2030	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2011-2020	98.8%	99.6%	95.1%	97.4%	97.3%	94.6%	96.2%	96.6%	97.3%	98.8%	96.6%	95.0%	96.4%	96.4%
	2021-2030	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%

FMPA 2021 Load Forecast - High Economic Case - Leesburg

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service						City		Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	218,688		17,795		12,289		239,294		3,011		79.5		15,695		7,623		481,300		18,270	3.7%	499,570	
	2012	197,704	-9.6%	17,739	-0.3%	11,145	-9.3%	230,966	-3.5%	2,974	-1.2%	77.7	-2.3%	15,239	-2.9%	7,260	-4.8%	451,169	-6.3%	17,984	3.8%	469,153	-6.1%
	2013	201,419	1.9%	17,967	1.3%	11,211	0.6%	231,802	0.4%	3,028	1.8%	76.5	-1.4%	14,931	-2.0%	7,423	2.2%	455,575	1.0%	13,071	2.8%	468,646	-0.1%
	2014	206,760	2.7%	18,534	3.2%	11,156	-0.5%	215,062	-7.2%	3,051	0.8%	70.5	-7.9%	15,439	3.4%	7,536	1.5%	444,797	-2.4%	20,967	4.5%	465,764	-0.6%
	2015	214,577	3.8%	18,791	1.4%	11,419	2.4%	220,826	2.7%	3,189	4.5%	69.2	-1.7%	15,352	-0.6%	7,610	1.0%	458,366	3.1%	20,500	4.3%	478,866	2.8%
	2016	225,911	5.3%	19,168	2.0%	11,786	3.2%	224,942	1.9%	3,518	10.3%	63.9	-7.7%	15,123	-1.5%	7,952	4.5%	473,928	3.4%	18,644	3.8%	492,572	2.9%
	2017	227,642	0.8%	20,278	5.8%	11,226	-4.7%	218,671	-2.8%	3,572	1.5%	61.2	-4.3%	15,256	0.9%	7,897	-0.7%	469,466	-0.9%	15,321	3.2%	484,786	-1.6%
	2018	241,724	6.2%	21,453	5.8%	11,268	0.4%	216,301	-1.1%	3,302	-7.6%	65.5	7.0%	16,007	4.9%	7,946	0.6%	481,977	2.7%	20,063	4.0%	502,040	3.6%
	2019	257,523	6.5%	21,434	-0.1%	12,015	6.6%	221,852	2.6%	3,284	-0.5%	67.5	3.1%	14,853	-7.2%	7,707	-3.0%	501,936	4.1%	7,839	1.5%	509,775	1.5%
	2020	262,000	1.7%	21,627	0.9%	12,115	0.8%	208,760	-5.9%	3,299	0.4%	63.3	-6.3%	12,843	-13.5%	7,563	-1.9%	491,167	-2.1%	14,284	2.8%	505,451	-0.8%
Projected	2021	260,148	-0.7%	21,999	1.7%	11,826	-2.4%	213,938	2.5%	3,390	2.8%	63.1	-0.3%	13,753	7.1%	7,563	0.0%	495,402	0.9%	15,285	3.0%	510,686	1.0%
	2022	265,065	1.9%	22,398	1.8%	11,835	0.1%	224,966	5.2%	3,477	2.6%	64.7	2.5%	13,994	1.8%	7,563	0.0%	511,588	3.3%	16,294	3.1%	527,882	3.4%
	2023	269,657	1.7%	22,680	1.3%	11,890	0.5%	232,095	3.2%	3,528	1.5%	65.8	1.7%	14,205	1.5%	7,563	0.0%	523,520	2.3%	16,640	3.1%	540,161	2.3%
	2024	273,118	1.3%	22,942	1.2%	11,905	0.1%	238,020	2.6%	3,572	1.2%	66.6	1.3%	14,404	1.4%	7,563	0.0%	533,104	1.8%	18,204	3.3%	551,308	2.1%
	2025	276,306	1.2%	23,190	1.1%	11,915	0.1%	242,983	2.1%	3,613	1.2%	67.3	0.9%	14,594	1.3%	7,563	0.0%	541,446	1.6%	17,188	3.1%	558,634	1.3%
	2026	279,500	1.2%	23,424	1.0%	11,932	0.1%	246,888	1.6%	3,653	1.1%	67.6	0.5%	14,777	1.3%	7,563	0.0%	548,728	1.3%	17,415	3.1%	566,143	1.3%
	2027	283,089	1.3%	23,643	0.9%	11,973	0.3%	250,446	1.4%	3,691	1.0%	67.9	0.4%	14,953	1.2%	7,563	0.0%	556,051	1.3%	17,648	3.1%	573,700	1.3%
	2028	286,815	1.3%	23,856	0.9%	12,023	0.4%	254,086	1.5%	3,728	1.0%	68.2	0.4%	15,126	1.2%	7,563	0.0%	563,591	1.4%	19,232	3.3%	582,823	1.6%
	2029	290,408	1.3%	24,062	0.9%	12,069	0.4%	257,907	1.5%	3,765	1.0%	68.5	0.5%	15,297	1.1%	7,563	0.0%	571,175	1.3%	18,129	3.1%	589,304	1.1%
	2030	294,146	1.3%	24,263	0.8%	12,123	0.5%	261,776	1.5%	3,801	1.0%	68.9	0.5%	15,466	1.1%	7,563	0.0%	578,951	1.4%	18,379	3.1%	597,331	1.4%
	2031	298,546	1.5%	24,455	0.8%	12,208	0.7%	265,579	1.5%	3,837	0.9%	69.2	0.5%	15,632	1.1%	7,563	0.0%	587,321	1.4%	18,644	3.1%	605,965	1.4%
	2032	302,602	1.4%	24,634	0.7%	12,284	0.6%	269,376	1.4%	3,871	0.9%	69.6	0.5%	15,792	1.0%	7,563	0.0%	595,333	1.4%	20,315	3.3%	615,648	1.6%
	2033	306,746	1.4%	24,808	0.7%	12,365	0.7%	273,302	1.5%	3,906	0.9%	70.0	0.6%	15,952	1.0%	7,563	0.0%	603,563	1.4%	19,161	3.1%	622,724	1.1%
	2034	311,187	1.4%	24,979	0.7%	12,458	0.8%	277,370	1.5%	3,940	0.9%	70.4	0.6%	16,111	1.0%	7,563	0.0%	612,231	1.4%	19,433	3.1%	631,664	1.4%
	2035	315,149	1.3%	25,148	0.7%	12,532	0.6%	281,495	1.5%	3,973	0.9%	70.8	0.6%	16,269	1.0%	7,563	0.0%	620,476	1.3%	19,697	3.1%	640,172	1.3%
	2036	319,855	1.5%	25,312	0.7%	12,637	0.8%	285,603	1.5%	4,007	0.8%	71.3	0.6%	16,426	1.0%	7,563	0.0%	629,447	1.4%	21,482	3.3%	650,929	1.7%
	2037	324,332	1.4%	25,468	0.6%	12,735	0.8%	289,616	1.4%	4,040	0.8%	71.7	0.6%	16,579	0.9%	7,563	0.0%	638,090	1.4%	20,252	3.1%	658,342	1.1%
	2038	328,607	1.3%	25,623	0.6%	12,825	0.7%	293,575	1.4%	4,072	0.8%	72.1	0.6%	16,733	0.9%	7,563	0.0%	646,478	1.3%	20,519	3.1%	666,997	1.3%
	2039	333,289	1.4%	25,777	0.6%	12,930	0.8%	297,483	1.3%	4,105	0.8%	72.5	0.5%	16,886	0.9%	7,563	0.0%	655,221	1.4%	20,795	3.1%	676,017	1.4%
	2040	337,842	1.4%	25,931	0.6%	13,028	0.8%	301,385	1.3%	4,138	0.8%	72.8	0.5%	17,039	0.9%	7,563	0.0%	663,830	1.3%	22,649	3.3%	686,479	1.5%
CAGR	2011-2020		2.0%		2.2%		-0.2%		-1.5%		1.0%		-2.5%		-2.2%		-0.1%		0.2%		3.4%		0.1%
	2021-2030		1.4%		1.1%		0.3%		2.3%		1.3%		1.0%		1.3%		0.0%		1.7%		3.1%		1.8%
	2031-2040		1.4%		0.7%		0.7%		1.4%		0.8%		0.6%		1.0%		0.0%		1.4%		3.1%		1.4%

CAGR - Compound Average Growth Rate.

Add'l Villages

FMPA 2021 Load Forecast - Mild Weather Case

Leesburg

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	499,570	-	484,635	-	-3.0%	105.3	-	100.0	-	-5.0%	100.0	-	99.7		-0.3%
	2012	469,153	-6.1%	477,539	-1.5%	1.8%	90.6	-14.0%	89.7	-10.3%	-1.0%	89.7	-10.3%	105.8	6.1%	18.0%
	2013	468,646	-0.1%	473,850	-0.8%	1.1%	80.8	-10.8%	84.8	-5.4%	5.0%	90.5	0.9%	94.3	-10.9%	4.2%
	2014	465,764	-0.6%	461,466	-2.6%	-0.9%	89.4	10.5%	97.6	15.1%	9.3%	95.8	5.9%	93.6	-0.7%	-2.3%
	2015	478,866	2.8%	466,596	1.1%	-2.6%	100.1	12.0%	103.6	6.2%	3.5%	105.6	10.2%	100.1	6.9%	-5.3%
	2016	492,572	2.9%	477,997	2.4%	-3.0%	84.7	-15.4%	91.9	-11.3%	8.6%	110.9	5.0%	105.7	5.6%	-4.7%
	2017	484,786	-1.6%	491,579	2.8%	1.4%	78.8	-6.9%	97.2	5.7%	23.2%	108.4	-2.3%	109.7	3.8%	1.3%
	2018	502,040	3.6%	500,497	1.8%	-0.3%	115.3	46.3%	110.8	14.1%	-3.9%	109.0	0.6%	114.3	4.2%	4.9%
	2019	509,775	1.5%	496,964	-0.7%	-2.5%	85.8	-25.6%	104.0	-6.2%	21.2%	115.8	6.3%	110.8	-3.1%	-4.3%
	2020	505,451	-0.8%	499,157	0.4%	-1.2%	92.2	7.4%	104.8	0.8%	13.7%	112.0	-3.3%	109.4	-1.3%	-2.3%
Projected	2021	490,303	-3.0%	490,303	-1.8%		92.1	-0.1%	92.1	-12.2%		106.4	-5.0%	106.4	-2.8%	
	2022			500,491	2.1%				94.2	2.3%				108.6	2.1%	
	2023			507,087	1.3%				95.6	1.6%				109.7	1.0%	
	2024			512,823	1.1%				96.6	1.0%				110.6	0.8%	
	2025			515,928	0.6%				97.5	0.9%				111.5	0.8%	
	2026			519,872	0.8%				98.2	0.8%				112.3	0.8%	
	2027			524,138	0.8%				99.0	0.8%				113.3	0.8%	
	2028			530,059	1.1%				99.9	0.9%				114.3	0.9%	
	2029			533,670	0.7%				100.8	0.9%				115.3	0.9%	
	2030			538,835	1.0%				101.8	0.9%				116.5	1.0%	
	2031			544,593	1.1%				102.9	1.1%				117.7	1.1%	
	2032			551,398	1.2%				104.0	1.0%				118.9	1.0%	
	2033			555,868	0.8%				105.0	1.0%				120.2	1.1%	
	2034			562,059	1.1%				106.2	1.2%				121.5	1.1%	
	2035			567,937	1.0%				107.3	1.0%				122.8	1.1%	
	2036			575,824	1.4%				108.5	1.2%				124.2	1.1%	
	2037			580,715	0.8%				109.7	1.1%				125.5	1.1%	
	2038			586,772	1.0%				110.8	1.0%				126.8	1.1%	
	2039			593,140	1.1%				112.1	1.1%				128.2	1.1%	
	2040			600,822	1.3%				113.3	1.1%				129.6	1.0%	
CAGR [3]	2011-2020		0.1%		0.3%			-1.5%		0.5%			1.3%		1.0%	
	2021-2030				1.1%					1.1%					1.0%	
	2031-2040				1.1%					1.1%					1.1%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Leesburg

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	499,570	-	499,570	-	106.8	106.6	106.8	106.6	105.3	100.0	105.3	100.0
	2012	469,153	-6.1%	469,153	-6.1%	94.0	100.5	94.0	100.5	90.6	89.7	90.6	89.7
	2013	468,646	-0.1%	468,646	-0.1%	84.5	99.0	84.5	99.0	80.8	90.5	80.8	90.5
	2014	465,764	-0.6%	465,764	-0.6%	91.2	100.0	91.2	100.0	89.4	95.8	89.4	95.8
	2015	478,866	2.8%	478,866	2.8%	100.1	107.1	100.1	107.1	100.1	105.6	100.1	105.6
	2016	492,572	2.9%	492,572	2.9%	91.8	110.9	91.8	110.9	84.7	110.9	84.7	110.9
	2017	484,786	-1.6%	484,786	-1.6%	84.8	109.3	84.8	109.3	78.8	108.4	78.8	108.4
	2018	502,040	3.6%	502,040	3.6%	115.3	110.5	115.3	110.5	115.3	109.0	115.3	109.0
	2019	509,775	1.5%	509,775	1.5%	89.3	115.8	89.3	115.8	85.8	115.8	85.8	115.8
	2020	505,451	-0.8%	486,970	-4.5%	97.7	114.9	91.9	106.9	92.2	112.0	91.3	104.7
Projected	2021	490,303	-3.0%	491,604	1.0%	92.4	108.3	93.1	108.1	92.1	106.4	92.5	105.9
	2022	500,491	2.1%	496,618	1.0%	94.5	110.6	94.1	109.2	94.2	108.6	93.5	106.9
	2023	507,087	1.3%	500,816	0.8%	96.0	111.7	94.9	110.1	95.6	109.7	94.3	107.8
	2024	512,823	1.1%	506,391	1.1%	97.0	112.6	95.7	111.0	96.6	110.6	95.1	108.7
	2025	515,928	0.6%	509,639	0.6%	97.8	113.5	96.6	112.0	97.5	111.5	96.0	109.7
	2026	519,872	0.8%	514,081	0.9%	98.6	114.4	97.4	113.0	98.2	112.3	96.8	110.6
	2027	524,138	0.8%	518,491	0.9%	99.4	115.3	98.3	113.9	99.0	113.3	97.7	111.6
	2028	530,059	1.1%	523,964	1.1%	100.3	116.3	99.1	114.8	99.9	114.3	98.5	112.4
	2029	533,670	0.7%	526,485	0.5%	101.2	117.4	99.8	115.6	100.8	115.3	99.2	113.2
	2030	538,835	1.0%	530,253	0.7%	102.2	118.6	100.5	116.5	101.8	116.5	99.9	114.1
	2031	544,593	1.1%	534,650	0.8%	103.3	119.8	101.4	117.4	102.9	117.7	100.7	115.0
	2032	551,398	1.2%	540,016	1.0%	104.4	121.0	102.2	118.3	104.0	118.9	101.5	115.8
	2033	555,868	0.8%	542,918	0.5%	105.4	122.4	102.9	119.3	105.0	120.2	102.3	116.8
	2034	562,059	1.1%	547,191	0.8%	106.6	123.7	103.8	120.1	106.2	121.5	103.1	117.6
	2035	567,937	1.0%	551,004	0.7%	107.7	125.0	104.5	121.0	107.3	122.8	103.8	118.5
	2036	575,824	1.4%	556,725	1.0%	108.9	126.4	105.3	122.0	108.5	124.2	104.7	119.4
	2037	580,715	0.8%	559,491	0.5%	110.1	127.8	106.1	122.8	109.7	125.5	105.5	120.3
	2038	586,772	1.0%	563,270	0.7%	111.3	129.1	106.8	123.6	110.8	126.8	106.2	121.1
	2039	593,140	1.1%	567,214	0.7%	112.5	130.5	107.6	124.5	112.1	128.2	106.9	121.9
	2040	600,822	1.3%			113.7	131.9			113.3	129.6		
CAGR[1]	Historical		0.1%		0.3%	-1.0%	0.8%	-2.2%	1.0%	0.2%	2.8%	-0.8%	3.7%
	1st 10 Prj Yrs		1.1%		0.9%	1.1%	1.0%	0.9%	0.9%	1.1%	1.0%	0.9%	0.9%
	2nd 10 Prj Yrs		1.1%		0.8%	1.1%	1.1%	0.8%	0.7%	1.1%	1.1%	0.8%	0.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Leesburg

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	499,570	-	484,635	-	-3.0%	105.3	-	100.0	-	-5.0%	100.0	-	99.7		-0.3%
	2012	469,153	-6.1%	477,539	-1.5%	1.8%	90.6	-14.0%	89.7	-10.3%	-1.0%	89.7	-10.3%	105.8	6.1%	18.0%
	2013	468,646	-0.1%	473,850	-0.8%	1.1%	80.8	-10.8%	84.8	-5.4%	5.0%	90.5	0.9%	94.3	-10.9%	4.2%
	2014	465,764	-0.6%	461,466	-2.6%	-0.9%	89.4	10.5%	97.6	15.1%	9.3%	95.8	5.9%	93.6	-0.7%	-2.3%
	2015	478,866	2.8%	466,596	1.1%	-2.6%	100.1	12.0%	103.6	6.2%	3.5%	105.6	10.2%	100.1	6.9%	-5.3%
	2016	492,572	2.9%	477,997	2.4%	-3.0%	84.7	-15.4%	91.9	-11.3%	8.6%	110.9	5.0%	105.7	5.6%	-4.7%
	2017	484,786	-1.6%	491,579	2.8%	1.4%	78.8	-6.9%	97.2	5.7%	23.2%	108.4	-2.3%	109.7	3.8%	1.3%
	2018	502,040	3.6%	500,497	1.8%	-0.3%	115.3	46.3%	110.8	14.1%	-3.9%	109.0	0.6%	114.3	4.2%	4.9%
	2019	509,775	1.5%	496,964	-0.7%	-2.5%	85.8	-25.6%	104.0	-6.2%	21.2%	115.8	6.3%	110.8	-3.1%	-4.3%
	2020	505,451	-0.8%	488,428	-1.7%	-3.4%	92.2	7.4%	104.8	0.8%	13.7%	112.0	-3.3%	109.4	-1.3%	-2.3%
Projected	2021	489,210	-3.2%	489,210	0.2%		92.1	-0.1%	92.1	-12.2%		106.1	-5.3%	106.1	-3.0%	
	2022			499,051	2.0%				94.2	2.3%				108.3	2.0%	
	2023			505,298	1.3%				95.6	1.6%				109.3	0.9%	
	2024			510,630	1.1%				96.6	1.0%				110.1	0.8%	
	2025			513,290	0.5%				97.5	0.9%				110.9	0.7%	
	2026			516,589	0.6%				98.2	0.8%				111.6	0.6%	
	2027			520,147	0.7%				99.0	0.8%				112.3	0.7%	
	2028			525,307	1.0%				99.9	0.9%				113.2	0.7%	
	2029			528,126	0.5%				100.8	0.9%				114.0	0.7%	
	2030			532,454	0.8%				101.8	0.9%				115.0	0.9%	
	2031			537,683	1.0%				102.9	1.1%				116.1	1.0%	
	2032			543,931	1.2%				104.0	1.0%				117.1	0.9%	
	2033			547,855	0.7%				105.0	1.0%				118.3	1.0%	
	2034			553,481	1.0%				106.2	1.2%				119.4	1.0%	
	2035			558,797	1.0%				107.3	1.0%				120.6	1.0%	
	2036			566,027	1.3%				108.5	1.2%				121.9	1.0%	
	2037			570,252	0.7%				109.7	1.1%				123.0	0.9%	
	2038			575,600	0.9%				110.8	1.0%				124.2	0.9%	
	2039			581,232	1.0%				112.1	1.1%				125.4	1.0%	
	2040			588,162	1.2%				113.3	1.1%				126.5	0.9%	
CAGR [3]	2011-2020		0.1%		0.1%			-1.5%		0.5%			1.3%		1.0%	
	2021-2030				0.9%					1.1%					0.9%	
	2031-2040				1.0%					1.1%					1.0%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Leesburg

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	499,570	-	484,635	-	-3.0%	106.8	-	53.4%	106.6	-	53.5%
	2012	469,153	-6.1%	477,539	-1.5%	1.8%	94.0	-11.9%	56.9%	100.5	-5.8%	53.3%
	2013	468,646	-0.1%	473,850	-0.8%	1.1%	84.5	-10.1%	63.3%	99.0	-1.4%	54.0%
	2014	465,764	-0.6%	461,466	-2.6%	-0.9%	91.2	8.0%	58.3%	100.0	1.0%	53.2%
	2015	478,866	2.8%	466,596	1.1%	-2.6%	100.1	9.7%	54.6%	107.1	7.1%	51.0%
	2016	492,572	2.9%	477,997	2.4%	-3.0%	91.8	-8.3%	61.3%	110.9	3.6%	50.7%
	2017	484,786	-1.6%	491,579	2.8%	1.4%	84.8	-7.7%	65.3%	109.3	-1.5%	50.6%
	2018	502,040	3.6%	500,497	1.8%	-0.3%	115.3	36.0%	49.7%	110.5	1.1%	51.9%
	2019	509,775	1.5%	496,964	-0.7%	-2.5%	89.3	-22.6%	65.2%	115.8	4.8%	50.3%
	2020	505,451	-0.8%	488,428	-1.7%	-3.4%	97.7	9.4%	59.1%	114.9	-0.8%	50.2%
Projected	2021	489,210	-3.2%	489,210	0.2%		92.4	-5.4%	60.4%	108.0	-6.0%	51.7%
	2022	499,051	2.0%	499,051	2.0%		94.5	2.3%	60.3%	110.2	2.0%	51.7%
	2023	505,298	1.3%	505,298	1.3%		96.0	1.6%	60.1%	111.3	0.9%	51.8%
	2024	510,630	1.1%	510,630	1.1%		97.0	1.0%	60.1%	112.1	0.8%	52.0%
	2025	513,290	0.5%	513,290	0.5%		97.8	0.9%	59.9%	112.9	0.7%	51.9%
	2026	516,589	0.6%	516,589	0.6%		98.6	0.8%	59.8%	113.6	0.6%	51.9%
	2027	520,147	0.7%	520,147	0.7%		99.4	0.8%	59.7%	114.4	0.7%	51.9%
	2028	525,307	1.0%	525,307	1.0%		100.3	0.9%	59.8%	115.2	0.7%	52.0%
	2029	528,126	0.5%	528,126	0.5%		101.2	0.9%	59.6%	116.1	0.7%	51.9%
	2030	532,454	0.8%	532,454	0.8%		102.2	0.9%	59.5%	117.1	0.9%	51.9%
	2031	537,683	1.0%	537,683	1.0%		103.3	1.1%	59.4%	118.2	1.0%	51.9%
	2032	543,931	1.2%	543,931	1.2%		104.4	1.0%	59.5%	119.3	0.9%	52.1%
	2033	547,855	0.7%	547,855	0.7%		105.4	1.0%	59.4%	120.5	1.0%	51.9%
	2034	553,481	1.0%	553,481	1.0%		106.6	1.2%	59.3%	121.6	1.0%	52.0%
	2035	558,797	1.0%	558,797	1.0%		107.7	1.0%	59.2%	122.8	1.0%	51.9%
	2036	566,027	1.3%	566,027	1.3%		108.9	1.2%	59.3%	124.1	1.0%	52.1%
	2037	570,252	0.7%	570,252	0.7%		110.1	1.1%	59.1%	125.3	0.9%	52.0%
	2038	575,600	0.9%	575,600	0.9%		111.3	1.0%	59.1%	126.5	1.0%	52.0%
	2039	581,232	1.0%	581,232	1.0%		112.5	1.1%	59.0%	127.7	1.0%	52.0%
	2040	588,162	1.2%	588,162	1.2%		113.7	1.1%	59.1%	128.9	0.9%	52.1%
CAGR [1]	2011-2020		0.1%		0.1%			-1.0%	58.7%		0.8%	51.9%
	2021-2030		0.9%		0.9%			1.1%	59.9%		0.9%	51.9%
	2031-2040		1.0%		1.0%			1.1%	59.2%		1.0%	52.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Leesburg

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	39,682	32,663	33,687	38,735	44,344	46,667	48,594	50,910	44,987	34,549	31,244	34,502	480,565	499,570
	2012	36,917	32,660	36,771	37,974	43,926	41,252	48,781	46,816	43,761	38,605	31,462	35,792	474,717	469,153
	2013	35,889	32,673	34,655	37,719	41,300	44,024	44,244	47,680	44,602	38,608	31,863	34,244	467,502	468,646
	2014	41,539	30,866	32,171	36,124	41,397	42,647	46,322	48,247	41,736	36,913	32,055	36,278	466,295	465,764
	2015	37,418	34,461	36,655	37,934	43,607	46,636	46,042	47,761	43,105	37,790	35,586	35,183	482,179	478,866
	2016	37,442	33,370	34,333	35,885	42,778	48,801	53,660	51,238	46,504	39,337	32,309	34,430	490,088	492,572
	2017	35,141	30,207	35,152	38,802	45,152	45,429	50,308	52,280	46,239	42,354	32,697	36,093	489,855	484,786
	2018	44,075	32,995	34,531	35,991	41,893	47,595	49,070	53,065	51,680	45,172	36,081	36,474	508,622	502,040
	2019	38,768	32,274	34,951	38,078	48,329	49,297	50,610	51,385	48,356	45,137	33,554	34,433	505,171	509,775
	2020	36,226	33,793	39,466	37,734	43,126	48,871	52,723	52,461	47,927	41,983	34,296	33,926	502,531	505,451
Projected	2021	35,861	32,170	36,630	38,066	45,148	46,524	48,826	50,305	45,476	42,173	35,058	34,737	490,973	489,210
	2022	36,609	32,914	37,485	38,882	46,157	47,520	49,826	51,317	46,374	42,874	35,651	35,331	500,940	499,051
	2023	37,128	33,380	37,977	39,380	46,702	48,022	50,316	51,775	46,763	43,236	35,946	35,629	506,253	505,298
	2024	37,485	34,917	38,315	39,673	47,079	48,388	50,663	52,169	47,130	43,557	36,240	35,951	511,568	510,630
	2025	37,807	34,001	38,619	39,980	47,440	48,730	51,007	52,517	47,441	43,833	36,469	36,206	514,050	513,290
	2026	38,072	34,242	38,863	40,233	47,748	49,029	51,318	52,841	47,734	44,111	36,700	36,469	517,360	516,589
	2027	38,351	34,496	39,124	40,508	48,086	49,362	51,669	53,207	48,065	44,424	36,958	36,760	521,010	520,147
	2028	38,659	36,022	39,411	40,810	48,455	49,728	52,052	53,606	48,422	44,762	37,235	37,069	526,231	525,307
	2029	38,986	35,073	39,713	41,126	48,840	50,103	52,439	54,004	48,775	45,094	37,504	37,371	529,029	528,126
	2030	39,309	35,372	40,024	41,458	49,252	50,517	52,881	54,471	49,201	45,534	37,872	37,762	533,653	532,454
Projected	2031	39,719	35,739	40,415	41,863	49,737	51,004	53,386	54,990	49,665	45,964	38,223	38,131	538,834	537,683
	2032	40,106	37,379	40,784	42,247	50,197	51,462	53,861	55,477	50,099	46,370	38,556	38,483	545,021	543,931
	2033	40,483	36,434	41,162	42,648	50,690	51,968	54,399	56,044	50,618	46,864	38,968	38,919	549,197	547,855
	2034	40,937	36,837	41,590	43,088	51,210	52,482	54,925	56,575	51,086	47,294	39,316	39,282	554,622	553,481
	2035	41,325	37,193	41,977	43,496	51,710	52,991	55,466	57,143	51,604	47,780	39,720	39,714	560,120	558,797
	2036	41,780	38,950	42,414	43,952	52,259	53,543	56,042	57,737	52,136	48,274	40,122	40,137	567,345	566,027
	2037	42,223	37,998	42,830	44,382	52,773	54,054	56,570	58,276	52,613	48,716	40,479	40,517	571,430	570,252
	2038	42,626	38,364	43,219	44,792	53,273	54,560	57,104	58,833	53,117	49,190	40,869	40,934	576,881	575,600
	2039	43,065	38,759	43,634	45,226	53,797	55,085	57,653	59,399	53,622	49,664	41,254	41,343	582,501	581,232
	2040	43,496	40,548	44,042	45,651	54,310	55,599	58,188	59,951	54,115	50,126	41,629	41,743	589,398	588,162

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	8.3%	6.8%	7.0%	8.1%	9.2%	9.7%	10.1%	10.6%	9.4%	7.2%	6.5%	7.2%	100.0%
	2012	7.8%	6.9%	7.7%	8.0%	9.3%	8.7%	10.3%	9.9%	9.2%	8.1%	6.6%	7.5%	100.0%
	2013	7.7%	7.0%	7.4%	8.1%	8.8%	9.4%	9.5%	10.2%	9.5%	8.3%	6.8%	7.3%	100.0%
	2014	8.9%	6.6%	6.9%	7.7%	8.9%	9.1%	9.9%	10.3%	9.0%	7.9%	6.9%	7.8%	100.0%
	2015	7.8%	7.1%	7.6%	7.9%	9.0%	9.7%	9.5%	9.9%	8.9%	7.8%	7.4%	7.3%	100.0%
	2016	7.6%	6.8%	7.0%	7.3%	8.7%	10.0%	10.9%	10.5%	9.5%	8.0%	6.6%	7.0%	100.0%
	2017	7.2%	6.2%	7.2%	7.9%	9.2%	9.3%	10.3%	10.7%	9.4%	8.6%	6.7%	7.4%	100.0%
	2018	8.7%	6.5%	6.8%	7.1%	8.2%	9.4%	9.6%	10.4%	10.2%	8.9%	7.1%	7.2%	100.0%
	2019	7.7%	6.4%	6.9%	7.5%	9.6%	9.8%	10.0%	10.2%	9.6%	8.9%	6.6%	6.8%	100.0%
	2020	7.2%	6.7%	7.9%	7.5%	8.6%	9.7%	10.5%	10.4%	9.5%	8.4%	6.8%	6.8%	100.0%
Projected	2021	7.3%	6.6%	7.5%	7.8%	9.2%	9.5%	9.9%	10.2%	9.3%	8.6%	7.1%	7.1%	100.0%
	2022	7.3%	6.6%	7.5%	7.8%	9.2%	9.5%	9.9%	10.2%	9.3%	8.6%	7.1%	7.1%	100.0%
	2023	7.3%	6.6%	7.5%	7.8%	9.2%	9.5%	9.9%	10.2%	9.2%	8.5%	7.1%	7.0%	100.0%
	2024	7.3%	6.8%	7.5%	7.8%	9.2%	9.5%	9.9%	10.2%	9.2%	8.5%	7.1%	7.0%	100.0%
	2025	7.4%	6.6%	7.5%	7.8%	9.2%	9.5%	9.9%	10.2%	9.2%	8.5%	7.1%	7.0%	100.0%
	2026	7.4%	6.6%	7.5%	7.8%	9.2%	9.5%	9.9%	10.2%	9.2%	8.5%	7.1%	7.0%	100.0%
	2027	7.4%	6.6%	7.5%	7.8%	9.2%	9.5%	9.9%	10.2%	9.2%	8.5%	7.1%	7.1%	100.0%
	2028	7.3%	6.8%	7.5%	7.8%	9.2%	9.4%	9.9%	10.2%	9.2%	8.5%	7.1%	7.0%	100.0%
	2029	7.4%	6.6%	7.5%	7.8%	9.2%	9.5%	9.9%	10.2%	9.2%	8.5%	7.1%	7.1%	100.0%
	2030	7.4%	6.6%	7.5%	7.8%	9.2%	9.5%	9.9%	10.2%	9.2%	8.5%	7.1%	7.1%	100.0%
Avg.	2011-2020	7.9%	6.7%	7.2%	7.7%	9.0%	9.5%	10.1%	10.3%	9.4%	8.2%	6.8%	7.2%	100.0%
	2021-2030	7.3%	6.6%	7.5%	7.8%	9.2%	9.5%	9.9%	10.2%	9.2%	8.5%	7.1%	7.1%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Mild Weather Case

Leesburg

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	101.2	81.4	63.9	93.7	95.8	104.2	102.0	106.6	98.3	76.5	64.0	65.9	106.8	106.6
	2012	94.0	88.4	75.5	84.5	90.4	95.6	100.1	100.5	98.6	87.0	60.9	71.4	94.0	100.5
	2013	68.8	81.0	84.5	83.3	88.9	97.7	95.8	99.0	97.2	83.7	70.9	66.0	84.5	99.0
	2014	91.2	77.2	60.4	85.4	91.3	94.5	94.5	100.0	97.7	85.9	76.3	74.2	91.2	100.0
	2015	86.0	100.1	76.6	81.4	94.8	107.1	97.4	105.4	96.4	87.8	85.4	70.6	100.1	107.1
	2016	91.8	90.9	76.4	89.1	94.1	105.4	110.9	107.0	101.5	87.9	72.3	73.4	91.8	110.9
	2017	84.8	73.0	78.8	99.1	102.3	105.9	108.7	109.3	104.6	99.7	71.5	84.6	84.8	109.3
	2018	115.3	79.4	71.4	78.6	96.8	106.5	107.5	110.5	109.0	103.2	86.9	83.3	115.3	110.5
	2019	89.3	78.5	77.0	89.4	111.4	115.8	112.8	110.7	109.9	98.0	83.9	72.9	89.3	115.8
	2020	97.7	74.7	92.2	92.6	104.2	114.1	110.5	114.9	110.9	98.0	72.1	68.5	97.7	114.9
Projected	2021	92.4	83.8	77.5	87.5	98.6	106.0	103.3	108.0	102.1	92.3	73.8	70.1	92.4	108.0
	2022	94.5	85.7	79.2	89.3	100.7	108.1	105.4	110.2	104.2	94.3	75.0	71.2	94.5	110.2
	2023	96.0	87.1	80.5	90.2	101.6	109.2	106.4	111.3	105.2	95.2	75.7	71.9	96.0	111.3
	2024	97.0	87.9	81.3	90.9	102.4	110.0	107.2	112.1	106.0	95.9	76.4	72.5	97.0	112.1
	2025	97.8	88.7	82.0	91.5	103.2	110.7	108.0	112.9	106.7	96.6	77.0	73.1	97.8	112.9
	2026	98.6	89.4	82.6	92.1	103.9	111.4	108.6	113.6	107.4	97.2	77.6	73.7	98.6	113.6
	2027	99.4	90.2	83.3	92.8	104.7	112.2	109.4	114.4	108.1	97.9	78.3	74.4	99.4	114.4
	2028	100.3	91.0	84.1	93.6	105.5	113.0	110.2	115.2	108.9	98.7	79.0	75.0	100.3	115.2
	2029	101.2	91.8	84.8	94.3	106.4	113.8	111.0	116.1	109.7	99.5	79.8	75.7	101.2	116.1
	2030	102.2	92.7	85.6	95.2	107.4	114.8	111.9	117.1	110.6	100.5	80.6	76.6	102.2	117.1
Projected	2031	103.3	93.7	86.6	96.1	108.5	115.9	113.0	118.2	111.7	101.5	81.5	77.4	103.3	118.2
	2032	104.4	94.7	87.5	97.0	109.5	116.9	114.0	119.3	112.7	102.4	82.3	78.1	104.4	119.3
	2033	105.4	95.6	88.3	98.1	110.6	118.1	115.1	120.5	113.8	103.5	83.2	79.0	105.4	120.5
	2034	106.6	96.7	89.4	99.0	111.7	119.3	116.2	121.6	114.9	104.6	84.1	79.8	106.6	121.6
	2035	107.7	97.7	90.3	100.1	112.9	120.4	117.4	122.8	116.0	105.6	85.1	80.8	107.7	122.8
	2036	108.9	98.8	91.3	101.1	114.1	121.7	118.6	124.1	117.2	106.8	86.0	81.7	108.9	124.1
	2037	110.1	99.9	92.3	102.1	115.3	122.8	119.7	125.3	118.3	107.8	86.9	82.5	110.1	125.3
	2038	111.3	100.9	93.3	103.2	116.4	124.0	120.9	126.5	119.4	108.9	87.8	83.4	111.3	126.5
	2039	112.5	102.0	94.3	104.2	117.6	125.2	122.0	127.7	120.6	110.0	88.8	84.3	112.5	127.7
	2040	113.7	103.1	95.3	105.2	118.7	126.4	123.2	128.9	121.7	111.1	90.7	86.1	113.7	128.9

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	52.7%	59.7%	70.9%	57.4%	62.2%	62.2%	64.0%	64.2%	63.6%	60.7%	67.8%	70.4%	51.4%	53.5%
	2012	52.8%	53.1%	65.5%	62.4%	65.3%	59.9%	65.5%	62.6%	61.7%	59.6%	71.7%	67.3%	57.6%	53.3%
	2013	70.1%	60.1%	55.1%	62.9%	62.5%	62.6%	62.1%	64.7%	63.7%	62.0%	62.4%	69.7%	63.1%	54.0%
	2014	61.2%	59.5%	71.5%	58.7%	61.0%	62.7%	65.9%	64.9%	59.3%	57.8%	58.4%	65.7%	58.3%	53.2%
	2015	58.5%	51.2%	64.3%	64.7%	61.8%	60.5%	63.5%	60.9%	62.1%	57.9%	57.9%	67.0%	55.0%	51.0%
	2016	54.8%	52.7%	60.4%	56.0%	61.1%	64.3%	65.0%	64.4%	63.6%	60.2%	62.1%	63.0%	60.9%	50.7%
	2017	55.7%	61.6%	59.9%	54.4%	59.3%	59.6%	62.2%	64.3%	61.4%	57.1%	63.5%	57.3%	66.0%	50.6%
	2018	51.4%	61.8%	65.0%	63.6%	58.2%	62.1%	61.4%	64.5%	65.8%	58.8%	57.7%	58.8%	50.4%	51.9%
	2019	58.4%	61.2%	61.0%	59.2%	58.3%	59.1%	60.3%	62.4%	61.1%	61.9%	55.5%	63.5%	64.6%	50.3%
	2020	49.9%	65.0%	57.5%	56.6%	55.7%	59.5%	64.1%	61.4%	60.0%	57.6%	66.0%	66.6%	58.7%	50.2%
Projected	2021	52.2%	57.1%	63.6%	60.4%	61.5%	61.0%	63.5%	62.6%	61.8%	61.4%	66.0%	66.6%	60.7%	51.7%
	2022	52.1%	57.1%	63.6%	60.5%	61.6%	61.0%	63.5%	62.6%	61.8%	61.1%	66.1%	66.7%	60.5%	51.7%
	2023	52.0%	57.0%	63.4%	60.7%	61.8%	61.1%	63.5%	62.5%	61.7%	61.1%	65.9%	66.6%	60.2%	51.8%
	2024	52.0%	57.0%	63.4%	60.6%	61.8%	61.1%	63.5%	62.5%	61.8%	61.0%	65.9%	66.6%	60.2%	52.0%
	2025	51.9%	57.0%	63.3%	60.7%	61.8%	61.1%	63.5%	62.5%	61.8%	61.0%	65.8%	66.6%	60.0%	51.9%
	2026	51.9%	57.0%	63.2%	60.6%	61.8%	61.1%	63.5%	62.5%	61.8%	61.0%	65.7%	66.5%	59.9%	51.9%
	2027	51.9%	56.9%	63.1%	60.6%	61.7%	61.1%	63.5%	62.5%	61.8%	61.0%	65.5%	66.4%	59.8%	51.9%
	2028	51.8%	56.9%	63.0%	60.6%	61.7%	61.1%	63.5%	62.5%	61.8%	60.9%	65.4%	66.4%	59.9%	52.0%
	2029	51.8%	56.8%	62.9%	60.5%	61.7%	61.1%	63.5%	62.5%	61.8%	60.9%	65.3%	66.3%	59.7%	51.9%
	2030	51.7%	56.8%	62.8%	60.5%	61.6%	61.1%	63.5%	62.5%	61.8%	60.9%	65.2%	66.3%	59.6%	51.9%
Avg.	2011-2020	56.5%	58.6%	63.1%	59.6%	60.5%	61.2%	63.4%	63.4%	62.2%	59.4%	62.3%	64.9%	58.6%	51.9%
	2021-2030	51.9%	57.0%	63.2%	60.6%	61.7%	61.1%	63.5%	62.5%	61.8%	61.0%	65.7%	66.5%	60.1%	51.9%

FMPA 2021 Load Forecast - Mild Weather Case

Leesburg

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	100.9	81.4	56.5	86.9	95.8	100.3	97.2	100.0	94.6	76.5	59.4	61.6	105.3	100.0
	2012	90.6	88.4	68.0	78.5	83.8	81.4	89.7	98.0	98.5	86.4	56.2	71.1	90.6	89.7
	2013	65.9	79.5	80.8	81.8	84.1	81.6	89.3	90.5	87.6	79.0	64.0	58.2	80.8	90.5
	2014	89.4	77.2	50.5	85.4	84.9	91.1	87.8	95.8	96.5	85.9	72.9	72.3	89.4	95.8
	2015	86.0	100.1	72.5	81.4	94.6	105.6	96.9	101.1	93.9	87.1	84.7	70.6	100.1	105.6
	2016	90.3	90.9	76.4	89.1	91.6	99.7	110.9	105.7	97.2	87.0	72.3	67.0	84.7	110.9
	2017	84.8	73.0	78.8	99.1	102.3	105.0	106.7	108.4	101.2	99.7	71.5	84.6	78.8	108.4
	2018	115.3	79.4	70.5	77.2	92.5	100.5	104.7	109.0	108.7	103.0	85.8	83.3	115.3	109.0
	2019	89.3	78.5	77.0	89.4	111.4	115.8	110.4	109.4	109.9	95.7	83.6	60.7	85.8	115.8
	2020	97.7	73.4	92.2	84.8	104.2	112.0	108.4	110.8	109.5	96.7	70.6	66.0	92.2	112.0
Projected	2021	92.1	83.7	75.2	85.8	96.6	102.6	101.0	106.1	100.6	91.1	72.2	67.5	92.1	106.1
	2022	94.2	85.6	76.9	87.6	98.6	104.7	103.1	108.3	102.7	93.0	73.3	68.6	94.2	108.3
	2023	95.6	86.9	78.1	88.5	99.6	105.7	104.0	109.3	103.7	93.9	74.1	69.2	95.6	109.3
	2024	96.6	87.8	78.9	89.2	100.3	106.5	104.8	110.1	104.4	94.6	74.7	69.9	96.6	110.1
	2025	97.5	88.6	79.6	89.8	101.1	107.2	105.5	110.9	105.1	95.2	75.3	70.4	97.5	110.9
	2026	98.2	89.3	80.2	90.4	101.7	107.8	106.2	111.6	105.8	95.9	75.9	71.0	98.2	111.6
	2027	99.0	90.0	80.9	91.1	102.5	108.6	106.9	112.3	106.5	96.6	76.6	71.6	99.0	112.3
	2028	99.9	90.8	81.6	91.8	103.3	109.4	107.7	113.2	107.3	97.4	77.3	72.3	99.9	113.2
	2029	100.8	91.6	82.4	92.5	104.2	110.2	108.5	114.0	108.1	98.2	78.0	72.9	100.8	114.0
	2030	101.8	92.5	83.1	93.4	105.2	111.1	109.4	115.0	109.0	99.1	78.9	73.7	101.8	115.0
Projected	2031	102.9	93.5	84.1	94.3	106.2	112.2	110.4	116.1	110.0	100.1	79.7	74.5	102.9	116.1
	2032	104.0	94.5	84.9	95.2	107.2	113.2	111.4	117.1	111.0	101.0	80.5	75.2	104.0	117.1
	2033	105.0	95.4	85.8	96.2	108.3	114.3	112.5	118.3	112.1	102.1	81.4	76.1	105.0	118.3
	2034	106.2	96.5	86.8	97.1	109.4	115.4	113.6	119.4	113.2	103.1	82.3	76.9	106.2	119.4
	2035	107.3	97.5	87.6	98.1	110.6	116.5	114.7	120.6	114.3	104.2	83.2	77.8	107.3	120.6
	2036	108.5	98.6	88.7	99.2	111.8	117.8	115.9	121.9	115.5	105.3	84.1	78.7	108.5	121.9
	2037	109.7	99.7	89.6	100.2	112.9	118.9	117.0	123.0	116.6	106.3	85.0	79.5	109.7	123.0
	2038	110.8	100.7	90.6	101.2	114.0	120.0	118.1	124.2	117.7	107.4	85.9	80.3	110.8	124.2
	2039	112.1	101.8	91.6	102.2	115.1	121.1	119.2	125.4	118.8	108.5	86.9	81.2	112.1	125.4
	2040	113.3	102.9	92.5	103.2	116.3	122.2	120.3	126.5	119.9	109.5	88.8	83.0	113.3	126.5

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	99.7%	100.0%	88.4%	92.7%	100.0%	96.2%	95.2%	93.8%	96.3%	100.0%	92.8%	93.5%	98.6%	93.8%
	2012	96.3%	100.0%	90.1%	93.0%	92.8%	85.2%	89.5%	97.5%	99.9%	99.3%	92.2%	99.6%	96.3%	89.2%
	2013	95.7%	98.2%	95.6%	98.2%	94.6%	83.5%	93.1%	91.3%	90.1%	94.4%	90.3%	88.2%	95.6%	91.3%
	2014	97.9%	100.0%	83.5%	100.0%	93.0%	96.3%	92.9%	95.8%	98.8%	100.0%	95.5%	97.4%	97.9%	95.8%
	2015	100.0%	100.0%	94.6%	100.0%	99.8%	98.6%	99.4%	96.0%	97.3%	99.2%	99.2%	100.0%	100.0%	98.6%
	2016	98.3%	100.0%	100.0%	100.0%	97.3%	94.6%	100.0%	98.8%	95.8%	99.0%	100.0%	91.2%	92.2%	100.0%
	2017	100.0%	100.0%	100.0%	100.0%	100.0%	99.2%	98.2%	99.1%	96.8%	100.0%	100.0%	100.0%	93.0%	99.1%
	2018	100.0%	100.0%	98.7%	98.1%	95.6%	94.4%	97.4%	98.6%	99.7%	99.7%	98.8%	100.0%	100.0%	98.6%
	2019	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	97.9%	98.8%	100.0%	97.6%	99.6%	83.4%	96.1%	100.0%
	2020	100.0%	98.2%	100.0%	91.5%	100.0%	98.2%	98.1%	96.5%	98.7%	98.6%	97.8%	96.3%	94.4%	97.5%
Projected	2021	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2022	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2023	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2024	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2025	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2026	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2027	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2028	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2029	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2030	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2011-2020	98.8%	99.6%	95.1%	97.4%	97.3%	94.6%	96.2%	96.6%	97.3%	98.8%	96.6%	95.0%	96.4%	96.4%
	2021-2030	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%

FMPA 2021 Load Forecast - Mild Weather Case - Leesburg

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service						City		Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	218,688		17,795		12,289		239,294		3,011		79.5		15,695		7,623		481,300		18,270	3.7%	499,570	
	2012	197,704	-9.6%	17,739	-0.3%	11,145	-9.3%	230,966	-3.5%	2,974	-1.2%	77.7	-2.3%	15,239	-2.9%	7,260	-4.8%	451,169	-6.3%	17,984	3.8%	469,153	-6.1%
	2013	201,419	1.9%	17,967	1.3%	11,211	0.6%	231,802	0.4%	3,028	1.8%	76.5	-1.4%	14,931	-2.0%	7,423	2.2%	455,575	1.0%	13,071	2.8%	468,646	-0.1%
	2014	206,760	2.7%	18,534	3.2%	11,156	-0.5%	215,062	-7.2%	3,051	0.8%	70.5	-7.9%	15,439	3.4%	7,536	1.5%	444,797	-2.4%	20,967	4.5%	465,764	-0.6%
	2015	214,577	3.8%	18,791	1.4%	11,419	2.4%	220,826	2.7%	3,189	4.5%	69.2	-1.7%	15,352	-0.6%	7,610	1.0%	458,366	3.1%	20,500	4.3%	478,866	2.8%
	2016	225,911	5.3%	19,168	2.0%	11,786	3.2%	224,942	1.9%	3,518	10.3%	63.9	-7.7%	15,123	-1.5%	7,952	4.5%	473,928	3.4%	18,644	3.8%	492,572	2.9%
	2017	227,642	0.8%	20,278	5.8%	11,226	-4.7%	218,671	-2.8%	3,572	1.5%	61.2	-4.3%	15,256	0.9%	7,897	-0.7%	469,466	-0.9%	15,321	3.2%	484,786	-1.6%
	2018	241,724	6.2%	21,453	5.8%	11,268	0.4%	216,301	-1.1%	3,302	-7.6%	65.5	7.0%	16,007	4.9%	7,946	0.6%	481,977	2.7%	20,063	4.0%	502,040	3.6%
	2019	257,523	6.5%	21,434	-0.1%	12,015	6.6%	221,852	2.6%	3,284	-0.5%	67.5	3.1%	14,853	-7.2%	7,707	-3.0%	501,936	4.1%	7,839	1.5%	509,775	1.5%
	2020	262,000	1.7%	21,627	0.9%	12,115	0.8%	208,760	-5.9%	3,299	0.4%	63.3	-6.3%	12,843	-13.5%	7,563	-1.9%	491,167	-2.1%	14,284	2.8%	505,451	-0.8%
Projected	2021	242,934	-7.3%	21,947	1.5%	11,069	-8.6%	210,461	0.8%	3,376	2.3%	62.3	-1.5%	13,650	6.3%	7,563	0.0%	474,608	-3.4%	15,695	3.2%	490,303	-3.0%
	2022	243,776	0.3%	22,204	1.2%	10,979	-0.8%	217,772	3.5%	3,430	1.6%	63.5	1.9%	13,724	0.5%	7,563	0.0%	482,835	1.7%	17,655	3.5%	500,491	2.1%
	2023	244,741	0.4%	22,395	0.9%	10,928	-0.5%	223,067	2.4%	3,463	1.0%	64.4	1.4%	13,855	1.0%	7,563	0.0%	489,225	1.3%	17,861	3.5%	507,087	1.3%
	2024	244,528	-0.1%	22,579	0.8%	10,830	-0.9%	227,516	2.0%	3,493	0.9%	65.1	1.1%	13,990	1.0%	7,563	0.0%	493,597	0.9%	19,226	3.7%	512,823	1.1%
	2025	244,880	0.1%	22,757	0.8%	10,761	-0.6%	231,195	1.6%	3,523	0.8%	65.6	0.8%	14,125	1.0%	7,563	0.0%	497,763	0.8%	18,165	3.5%	515,928	0.6%
	2026	245,786	0.4%	22,926	0.7%	10,721	-0.4%	233,961	1.2%	3,552	0.8%	65.9	0.4%	14,259	0.9%	7,563	0.0%	501,569	0.8%	18,303	3.5%	519,872	0.8%
	2027	247,258	0.6%	23,084	0.7%	10,711	-0.1%	236,471	1.1%	3,580	0.8%	66.0	0.3%	14,389	0.9%	7,563	0.0%	505,681	0.8%	18,456	3.5%	524,138	0.8%
	2028	248,989	0.7%	23,238	0.7%	10,715	0.0%	239,112	1.1%	3,609	0.8%	66.3	0.3%	14,519	0.9%	7,563	0.0%	510,183	0.9%	19,876	3.7%	530,059	1.1%
	2029	250,705	0.7%	23,388	0.6%	10,719	0.0%	241,958	1.2%	3,637	0.8%	66.5	0.4%	14,649	0.9%	7,563	0.0%	514,875	0.9%	18,796	3.5%	533,670	0.7%
	2030	252,629	0.8%	23,534	0.6%	10,735	0.1%	244,883	1.2%	3,665	0.8%	66.8	0.4%	14,779	0.9%	7,563	0.0%	519,853	1.0%	18,982	3.5%	538,835	1.0%
	2031	255,168	1.0%	23,673	0.6%	10,779	0.4%	247,770	1.2%	3,693	0.8%	67.1	0.4%	14,907	0.9%	7,563	0.0%	525,408	1.1%	19,184	3.5%	544,593	1.1%
	2032	257,455	0.9%	23,801	0.5%	10,817	0.4%	250,669	1.2%	3,720	0.7%	67.4	0.4%	15,031	0.8%	7,563	0.0%	530,717	1.0%	20,681	3.8%	551,398	1.2%
	2033	259,863	0.9%	23,925	0.5%	10,861	0.4%	253,703	1.2%	3,746	0.7%	67.7	0.5%	15,154	0.8%	7,563	0.0%	536,284	1.0%	19,585	3.5%	555,868	0.8%
	2034	262,536	1.0%	24,048	0.5%	10,917	0.5%	256,880	1.3%	3,773	0.7%	68.1	0.5%	15,278	0.8%	7,563	0.0%	542,258	1.1%	19,801	3.5%	562,059	1.1%
	2035	264,838	0.9%	24,168	0.5%	10,958	0.4%	260,123	1.3%	3,800	0.7%	68.5	0.5%	15,403	0.8%	7,563	0.0%	547,927	1.0%	20,010	3.5%	567,937	1.0%
	2036	267,777	1.1%	24,285	0.5%	11,026	0.6%	263,356	1.2%	3,827	0.7%	68.8	0.5%	15,526	0.8%	7,563	0.0%	554,222	1.1%	21,603	3.8%	575,824	1.4%
	2037	270,539	1.0%	24,396	0.5%	11,090	0.6%	266,508	1.2%	3,853	0.7%	69.2	0.5%	15,647	0.8%	7,563	0.0%	560,257	1.1%	20,459	3.5%	580,715	0.8%
	2038	273,152	1.0%	24,506	0.4%	11,146	0.5%	269,616	1.2%	3,879	0.7%	69.5	0.5%	15,768	0.8%	7,563	0.0%	566,099	1.0%	20,673	3.5%	586,772	1.0%
	2039	276,108	1.1%	24,615	0.4%	11,217	0.6%	272,682	1.1%	3,905	0.7%	69.8	0.5%	15,889	0.8%	7,563	0.0%	572,243	1.1%	20,897	3.5%	593,140	1.1%
	2040	278,965	1.0%	24,725	0.4%	11,283	0.6%	275,745	1.1%	3,931	0.7%	70.1	0.5%	16,011	0.8%	7,563	0.0%	578,285	1.1%	22,537	3.8%	600,822	1.3%
CAGR	2011-2020		2.0%		2.2%		-0.2%		-1.5%		1.0%		-2.5%		-2.2%		-0.1%		0.2%		3.4%		0.1%
	2021-2030		0.4%		0.8%		-0.3%		1.7%		0.9%		0.8%		0.9%		0.0%		1.0%		3.5%		1.1%
	2031-2040		1.0%		0.5%		0.5%		1.2%		0.7%		0.5%		0.8%		0.0%		1.1%		3.6%		1.1%

CAGR - Compound Average Growth Rate.

Add'l Villages

FMPA 2021 Load Forecast - Severe Weather Case

Leesburg

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	499,570	-	484,635	-	-3.0%	105.3	-	100.0	-	-5.0%	100.0	-	99.7		-0.3%
	2012	469,153	-6.1%	477,539	-1.5%	1.8%	90.6	-14.0%	89.7	-10.3%	-1.0%	89.7	-10.3%	105.8	6.1%	18.0%
	2013	468,646	-0.1%	473,850	-0.8%	1.1%	80.8	-10.8%	84.8	-5.4%	5.0%	90.5	0.9%	94.3	-10.9%	4.2%
	2014	465,764	-0.6%	461,466	-2.6%	-0.9%	89.4	10.5%	97.6	15.1%	9.3%	95.8	5.9%	93.6	-0.7%	-2.3%
	2015	478,866	2.8%	466,596	1.1%	-2.6%	100.1	12.0%	103.6	6.2%	3.5%	105.6	10.2%	100.1	6.9%	-5.3%
	2016	492,572	2.9%	477,997	2.4%	-3.0%	84.7	-15.4%	91.9	-11.3%	8.6%	110.9	5.0%	105.7	5.6%	-4.7%
	2017	484,786	-1.6%	491,579	2.8%	1.4%	78.8	-6.9%	97.2	5.7%	23.2%	108.4	-2.3%	109.7	3.8%	1.3%
	2018	502,040	3.6%	500,497	1.8%	-0.3%	115.3	46.3%	110.8	14.1%	-3.9%	109.0	0.6%	114.3	4.2%	4.9%
	2019	509,775	1.5%	496,964	-0.7%	-2.5%	85.8	-25.6%	104.0	-6.2%	21.2%	115.8	6.3%	110.8	-3.1%	-4.3%
	2020	505,451	-0.8%	499,157	0.4%	-1.2%	92.2	7.4%	104.8	0.8%	13.7%	112.0	-3.3%	109.4	-1.3%	-2.3%
Projected	2021	529,196	4.7%	529,196	6.0%		112.3	21.9%	112.3	7.2%		115.9	3.5%	115.9	6.0%	
	2022			539,866	2.0%				114.6	2.0%				118.4	2.1%	
	2023			546,710	1.3%				116.2	1.4%				119.5	1.0%	
	2024			552,525	1.1%				117.0	0.7%				120.5	0.8%	
	2025			555,678	0.6%				118.1	0.9%				121.4	0.8%	
	2026			559,792	0.7%				118.9	0.7%				122.3	0.7%	
	2027			564,315	0.8%				119.9	0.8%				123.3	0.8%	
	2028			570,584	1.1%				120.7	0.7%				124.4	0.9%	
	2029			574,450	0.7%				122.0	1.0%				125.6	0.9%	
	2030			579,933	1.0%				123.0	0.9%				126.8	1.0%	
	2031			586,117	1.1%				124.4	1.1%				128.2	1.0%	
	2032			593,358	1.2%				125.5	0.9%				129.4	1.0%	
	2033			598,174	0.8%				126.9	1.1%				130.9	1.1%	
	2034			604,825	1.1%				128.3	1.2%				132.2	1.1%	
	2035			611,081	1.0%				129.6	1.0%				133.7	1.1%	
	2036			619,505	1.4%				130.9	1.0%				135.2	1.1%	
	2037			624,810	0.9%				132.5	1.3%				136.6	1.0%	
	2038			631,294	1.0%				133.9	1.0%				138.1	1.1%	
	2039			638,149	1.1%				135.3	1.1%				139.6	1.1%	
	2040			646,354	1.3%				136.6	0.9%				141.0	1.0%	
CAGR [3]	2011-2020		0.1%		0.3%			-1.5%		0.5%			1.3%		1.0%	
	2021-2030				1.0%					1.0%					1.0%	
	2031-2040				1.1%					1.0%					1.1%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Leesburg

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	499,570	-	499,570	-	106.8	106.6	106.8	106.6	105.3	100.0	105.3	100.0
	2012	469,153	-6.1%	469,153	-6.1%	94.0	100.5	94.0	100.5	90.6	89.7	90.6	89.7
	2013	468,646	-0.1%	468,646	-0.1%	84.5	99.0	84.5	99.0	80.8	90.5	80.8	90.5
	2014	465,764	-0.6%	465,764	-0.6%	91.2	100.0	91.2	100.0	89.4	95.8	89.4	95.8
	2015	478,866	2.8%	478,866	2.8%	100.1	107.1	100.1	107.1	100.1	105.6	100.1	105.6
	2016	492,572	2.9%	492,572	2.9%	91.8	110.9	91.8	110.9	84.7	110.9	84.7	110.9
	2017	484,786	-1.6%	484,786	-1.6%	84.8	109.3	84.8	109.3	78.8	108.4	78.8	108.4
	2018	502,040	3.6%	502,040	3.6%	115.3	110.5	115.3	110.5	115.3	109.0	115.3	109.0
	2019	509,775	1.5%	509,775	1.5%	89.3	115.8	89.3	115.8	85.8	115.8	85.8	115.8
	2020	505,451	-0.8%	524,056	2.8%	97.7	114.9	110.7	116.4	92.2	112.0	110.1	114.0
Projected	2021	529,196	4.7%	529,138	1.0%	112.8	118.0	112.4	117.8	112.3	115.9	111.7	115.3
	2022	539,866	2.0%	534,489	1.0%	115.1	120.5	113.5	118.9	114.6	118.4	112.8	116.4
	2023	546,710	1.3%	538,955	0.8%	116.7	121.7	114.5	119.9	116.2	119.5	113.8	117.4
	2024	552,525	1.1%	544,850	1.1%	117.5	122.7	115.3	120.9	117.0	120.5	114.6	118.4
	2025	555,678	0.6%	548,346	0.6%	118.5	123.6	116.5	122.0	118.1	121.4	115.7	119.4
	2026	559,792	0.7%	553,079	0.9%	119.4	124.5	117.4	123.0	118.9	122.3	116.7	120.5
	2027	564,315	0.8%	557,800	0.9%	120.3	125.6	118.4	124.0	119.9	123.3	117.7	121.5
	2028	570,584	1.1%	563,607	1.0%	121.2	126.7	119.3	125.0	120.7	124.4	118.5	122.4
	2029	574,450	0.7%	566,318	0.5%	122.4	127.8	120.3	125.9	122.0	125.6	119.6	123.3
	2030	579,933	1.0%	570,305	0.7%	123.5	129.1	121.1	126.8	123.0	126.8	120.3	124.2
	2031	586,117	1.1%	575,028	0.8%	124.8	130.5	122.1	127.9	124.4	128.2	121.3	125.2
	2032	593,358	1.2%	580,722	1.0%	125.9	131.8	122.9	128.8	125.5	129.4	122.1	126.1
	2033	598,174	0.8%	583,857	0.5%	127.3	133.2	123.9	129.8	126.9	130.9	123.1	127.2
	2034	604,825	1.1%	588,440	0.8%	128.8	134.6	125.0	130.8	128.3	132.2	124.2	128.1
	2035	611,081	1.0%	592,465	0.7%	130.1	136.1	125.7	131.7	129.6	133.7	125.0	129.0
	2036	619,505	1.4%	598,541	1.0%	131.4	137.6	126.6	132.8	130.9	135.2	125.8	130.0
	2037	624,810	0.9%	601,555	0.5%	133.0	139.1	127.7	133.7	132.5	136.6	126.9	130.9
	2038	631,294	1.0%	605,583	0.7%	134.4	140.6	128.5	134.6	133.9	138.1	127.7	131.8
	2039	638,149	1.1%	609,820	0.7%	135.8	142.1	129.4	135.5	135.3	139.6	128.6	132.7
	2040	646,354	1.3%			137.1	143.6			136.6	141.0		
CAGR[1]	Historical		0.1%		0.3%	-1.0%	0.8%	-2.2%	1.0%	0.2%	2.8%	-0.8%	3.7%
	1st 10 Prj Yrs		1.0%		0.9%	1.0%	1.0%	0.9%	0.9%	1.0%	1.0%	0.9%	0.9%
	2nd 10 Prj Yrs		1.1%		0.7%	1.0%	1.1%	0.7%	0.7%	1.0%	1.1%	0.7%	0.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Leesburg

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	499,570	-	484,635	-	-3.0%	105.3	-	100.0	-	-5.0%	100.0	-	99.7		-0.3%
	2012	469,153	-6.1%	477,539	-1.5%	1.8%	90.6	-14.0%	89.7	-10.3%	-1.0%	89.7	-10.3%	105.8	6.1%	18.0%
	2013	468,646	-0.1%	473,850	-0.8%	1.1%	80.8	-10.8%	84.8	-5.4%	5.0%	90.5	0.9%	94.3	-10.9%	4.2%
	2014	465,764	-0.6%	461,466	-2.6%	-0.9%	89.4	10.5%	97.6	15.1%	9.3%	95.8	5.9%	93.6	-0.7%	-2.3%
	2015	478,866	2.8%	466,596	1.1%	-2.6%	100.1	12.0%	103.6	6.2%	3.5%	105.6	10.2%	100.1	6.9%	-5.3%
	2016	492,572	2.9%	477,997	2.4%	-3.0%	84.7	-15.4%	91.9	-11.3%	8.6%	110.9	5.0%	105.7	5.6%	-4.7%
	2017	484,786	-1.6%	491,579	2.8%	1.4%	78.8	-6.9%	97.2	5.7%	23.2%	108.4	-2.3%	109.7	3.8%	1.3%
	2018	502,040	3.6%	500,497	1.8%	-0.3%	115.3	46.3%	110.8	14.1%	-3.9%	109.0	0.6%	114.3	4.2%	4.9%
	2019	509,775	1.5%	496,964	-0.7%	-2.5%	85.8	-25.6%	104.0	-6.2%	21.2%	115.8	6.3%	110.8	-3.1%	-4.3%
	2020	505,451	-0.8%	488,428	-1.7%	-3.4%	92.2	7.4%	104.8	0.8%	13.7%	112.0	-3.3%	109.4	-1.3%	-2.3%
Projected	2021	528,103	4.5%	528,103	8.1%		112.3	21.9%	112.3	7.2%		115.7	3.3%	115.7	5.7%	
	2022			538,427	2.0%				114.6	2.0%				118.0	2.0%	
	2023			544,922	1.2%				116.2	1.4%				119.1	0.9%	
	2024			550,333	1.0%				117.0	0.7%				120.0	0.7%	
	2025			553,040	0.5%				118.1	0.9%				120.8	0.7%	
	2026			556,510	0.6%				118.9	0.7%				121.5	0.6%	
	2027			560,325	0.7%				119.9	0.8%				122.4	0.7%	
	2028			565,832	1.0%				120.7	0.7%				123.3	0.8%	
	2029			568,906	0.5%				122.0	1.0%				124.2	0.8%	
	2030			573,552	0.8%				123.0	0.9%				125.3	0.9%	
	2031			579,208	1.0%				124.4	1.1%				126.5	1.0%	
	2032			585,892	1.2%				125.5	0.9%				127.7	0.9%	
	2033			590,160	0.7%				126.9	1.1%				129.0	1.0%	
	2034			596,247	1.0%				128.3	1.2%				130.2	1.0%	
	2035			601,941	1.0%				129.6	1.0%				131.5	1.0%	
	2036			609,707	1.3%				130.9	1.0%				132.9	1.0%	
	2037			614,347	0.8%				132.5	1.3%				134.1	0.9%	
	2038			620,122	0.9%				133.9	1.0%				135.4	1.0%	
	2039			626,242	1.0%				135.3	1.1%				136.7	1.0%	
	2040			633,694	1.2%				136.6	0.9%				138.0	0.9%	
CAGR [3]	2011-2020		0.1%		0.1%			-1.5%		0.5%			1.3%		1.0%	
	2021-2030				0.9%					1.0%					0.9%	
	2031-2040				1.0%					1.0%					1.0%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Leesburg

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	499,570	-	484,635	-	-3.0%	106.8	-	53.4%	106.6	-	53.5%
	2012	469,153	-6.1%	477,539	-1.5%	1.8%	94.0	-11.9%	56.9%	100.5	-5.8%	53.3%
	2013	468,646	-0.1%	473,850	-0.8%	1.1%	84.5	-10.1%	63.3%	99.0	-1.4%	54.0%
	2014	465,764	-0.6%	461,466	-2.6%	-0.9%	91.2	8.0%	58.3%	100.0	1.0%	53.2%
	2015	478,866	2.8%	466,596	1.1%	-2.6%	100.1	9.7%	54.6%	107.1	7.1%	51.0%
	2016	492,572	2.9%	477,997	2.4%	-3.0%	91.8	-8.3%	61.3%	110.9	3.6%	50.7%
	2017	484,786	-1.6%	491,579	2.8%	1.4%	84.8	-7.7%	65.3%	109.3	-1.5%	50.6%
	2018	502,040	3.6%	500,497	1.8%	-0.3%	115.3	36.0%	49.7%	110.5	1.1%	51.9%
	2019	509,775	1.5%	496,964	-0.7%	-2.5%	89.3	-22.6%	65.2%	115.8	4.8%	50.3%
	2020	505,451	-0.8%	499,157	0.4%	-1.2%	97.7	9.4%	59.1%	114.9	-0.8%	50.2%
Projected	2021	528,103	4.5%	528,103	5.8%		112.8	15.5%	53.5%	117.8	2.5%	51.2%
	2022	538,427	2.0%	538,427	2.0%		115.1	2.0%	53.4%	120.2	2.0%	51.2%
	2023	544,922	1.2%	544,922	1.2%		116.7	1.4%	53.3%	121.3	0.9%	51.3%
	2024	550,333	1.0%	550,333	1.0%		117.5	0.7%	53.5%	122.2	0.7%	51.4%
	2025	553,040	0.5%	553,040	0.5%		118.5	0.9%	53.3%	123.0	0.7%	51.3%
	2026	556,510	0.6%	556,510	0.6%		119.4	0.7%	53.2%	123.7	0.6%	51.3%
	2027	560,325	0.7%	560,325	0.7%		120.3	0.8%	53.2%	124.6	0.7%	51.3%
	2028	565,832	1.0%	565,832	1.0%		121.2	0.7%	53.3%	125.6	0.8%	51.4%
	2029	568,906	0.5%	568,906	0.5%		122.4	1.0%	53.0%	126.5	0.8%	51.3%
	2030	573,552	0.8%	573,552	0.8%		123.5	0.9%	53.0%	127.6	0.9%	51.3%
	2031	579,208	1.0%	579,208	1.0%		124.8	1.1%	53.0%	128.8	1.0%	51.3%
	2032	585,892	1.2%	585,892	1.2%		125.9	0.9%	53.1%	130.0	0.9%	51.5%
	2033	590,160	0.7%	590,160	0.7%		127.3	1.1%	52.9%	131.3	1.0%	51.3%
	2034	596,247	1.0%	596,247	1.0%		128.8	1.2%	52.8%	132.6	1.0%	51.3%
	2035	601,941	1.0%	601,941	1.0%		130.1	1.0%	52.8%	133.9	1.0%	51.3%
	2036	609,707	1.3%	609,707	1.3%		131.4	1.0%	53.0%	135.3	1.1%	51.4%
	2037	614,347	0.8%	614,347	0.8%		133.0	1.3%	52.7%	136.6	0.9%	51.3%
	2038	620,122	0.9%	620,122	0.9%		134.4	1.0%	52.7%	137.9	1.0%	51.3%
	2039	626,242	1.0%	626,242	1.0%		135.8	1.1%	52.6%	139.2	1.0%	51.3%
	2040	633,694	1.2%	633,694	1.2%		137.1	0.9%	52.8%	140.6	0.9%	51.5%
CAGR [1]	2011-2020		0.1%		0.3%			-1.0%	58.7%		0.8%	51.9%
	2021-2030		0.9%		0.9%			1.0%	53.3%		0.9%	51.3%
	2031-2040		1.0%		1.0%			1.0%	52.8%		1.0%	51.4%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Leesburg

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	39,682	32,663	33,687	38,735	44,344	46,667	48,594	50,910	44,987	34,549	31,244	34,502	480,565	499,570
	2012	36,917	32,660	36,771	37,974	43,926	41,252	48,781	46,816	43,761	38,605	31,462	35,792	474,717	469,153
	2013	35,889	32,673	34,655	37,719	41,300	44,024	44,244	47,680	44,602	38,608	31,863	34,244	467,502	468,646
	2014	41,539	30,866	32,171	36,124	41,397	42,647	46,322	48,247	41,736	36,913	32,055	36,278	466,295	465,764
	2015	37,418	34,461	36,655	37,934	43,607	46,636	46,042	47,761	43,105	37,790	35,586	35,183	482,179	478,866
	2016	37,442	33,370	34,333	35,885	42,778	48,801	53,660	51,238	46,504	39,337	32,309	34,430	490,088	492,572
	2017	35,141	30,207	35,152	38,802	45,152	45,429	50,308	52,280	46,239	42,354	32,697	36,093	489,855	484,786
	2018	44,075	32,995	34,531	35,991	41,893	47,595	49,070	53,065	51,680	45,172	36,081	36,474	508,622	502,040
	2019	38,768	32,274	34,951	38,078	48,329	49,297	50,610	51,385	48,356	45,137	33,554	34,433	505,171	509,775
	2020	36,226	33,793	39,466	37,734	43,126	48,871	52,723	52,461	47,927	41,983	34,296	40,778	509,383	505,451
Projected	2021	46,459	37,224	35,784	38,066	45,148	50,628	53,430	55,047	49,261	42,215	35,058	41,706	530,026	528,103
	2022	47,284	37,968	36,570	38,882	46,157	51,709	54,513	56,141	50,223	42,909	35,651	42,391	540,398	538,427
	2023	47,875	38,439	37,022	39,380	46,702	52,253	55,038	56,629	50,633	43,265	35,946	42,722	545,903	544,922
	2024	48,229	39,985	37,311	39,673	47,079	52,649	55,407	57,048	51,019	43,581	36,240	43,085	551,306	550,333
	2025	48,563	38,997	37,580	39,980	47,440	53,021	55,777	57,423	51,351	43,854	36,469	43,381	553,838	553,040
	2026	48,865	39,240	37,803	40,233	47,748	53,350	56,119	57,778	51,669	44,130	36,700	43,694	557,329	556,510
	2027	49,207	39,516	38,047	40,508	48,086	53,718	56,506	58,182	52,031	44,442	36,958	44,043	561,244	560,325
	2028	49,592	41,119	38,318	40,810	48,455	54,122	56,930	58,622	52,421	44,779	37,235	44,414	566,816	565,832
	2029	49,999	40,151	38,602	41,126	48,840	54,535	57,357	59,061	52,806	45,109	37,504	44,773	569,865	568,906
	2030	50,396	40,476	38,894	41,458	49,252	54,993	57,846	59,577	53,273	45,549	37,872	45,245	574,831	573,552
Projected	2031	50,921	40,894	39,271	41,863	49,737	55,526	58,403	60,149	53,778	45,979	38,223	45,689	580,433	579,208
	2032	51,414	42,627	39,625	42,247	50,197	56,029	58,926	60,685	54,251	46,384	38,556	46,108	587,049	585,892
	2033	51,886	41,672	39,986	42,648	50,690	56,583	59,519	61,309	54,817	46,878	38,968	46,636	591,593	590,160
	2034	52,473	42,133	40,399	43,088	51,210	57,147	60,098	61,893	55,325	47,308	39,316	47,066	597,455	596,247
	2035	52,950	42,524	40,766	43,496	51,710	57,706	60,692	62,517	55,889	47,794	39,720	47,587	603,353	601,941
	2036	53,536	44,388	41,188	43,952	52,259	58,312	61,329	63,173	56,470	48,287	40,122	48,099	611,114	609,707
	2037	54,107	43,444	41,588	44,382	52,773	58,874	61,911	63,768	56,991	48,729	40,479	48,555	615,601	614,347
	2038	54,618	43,857	41,961	44,792	53,273	59,430	62,501	64,383	57,542	49,203	40,869	49,061	621,491	620,122
	2039	55,189	44,311	42,363	45,226	53,797	60,008	63,109	65,010	58,096	49,678	41,254	49,557	627,597	626,242
	2040	55,748	46,209	42,757	45,651	54,310	60,574	63,702	65,620	58,635	50,139	41,629	50,040	635,014	633,694

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	8.3%	6.8%	7.0%	8.1%	9.2%	9.7%	10.1%	10.6%	9.4%	7.2%	6.5%	7.2%	100.0%
	2012	7.8%	6.9%	7.7%	8.0%	9.3%	8.7%	10.3%	9.9%	9.2%	8.1%	6.6%	7.5%	100.0%
	2013	7.7%	7.0%	7.4%	8.1%	8.8%	9.4%	9.5%	10.2%	9.5%	8.3%	6.8%	7.3%	100.0%
	2014	8.9%	6.6%	6.9%	7.7%	8.9%	9.1%	9.9%	10.3%	9.0%	7.9%	6.9%	7.8%	100.0%
	2015	7.8%	7.1%	7.6%	7.9%	9.0%	9.7%	9.5%	9.9%	8.9%	7.8%	7.4%	7.3%	100.0%
	2016	7.6%	6.8%	7.0%	7.3%	8.7%	10.0%	10.9%	10.5%	9.5%	8.0%	6.6%	7.0%	100.0%
	2017	7.2%	6.2%	7.2%	7.9%	9.2%	9.3%	10.3%	10.7%	9.4%	8.6%	6.7%	7.4%	100.0%
	2018	8.7%	6.5%	6.8%	7.1%	8.2%	9.4%	9.6%	10.4%	10.2%	8.9%	7.1%	7.2%	100.0%
	2019	7.7%	6.4%	6.9%	7.5%	9.6%	9.8%	10.0%	10.2%	9.6%	8.9%	6.6%	6.8%	100.0%
	2020	7.1%	6.6%	7.7%	7.4%	8.5%	9.6%	10.4%	10.3%	9.4%	8.2%	6.7%	8.0%	100.0%
Projected	2021	8.8%	7.0%	6.8%	7.2%	8.5%	9.6%	10.1%	10.4%	9.3%	8.0%	6.6%	7.9%	100.0%
	2022	8.7%	7.0%	6.8%	7.2%	8.5%	9.6%	10.1%	10.4%	9.3%	7.9%	6.6%	7.8%	100.0%
	2023	8.8%	7.0%	6.8%	7.2%	8.6%	9.6%	10.1%	10.4%	9.3%	7.9%	6.6%	7.8%	100.0%
	2024	8.7%	7.3%	6.8%	7.2%	8.5%	9.5%	10.1%	10.3%	9.3%	7.9%	6.6%	7.8%	100.0%
	2025	8.8%	7.0%	6.8%	7.2%	8.6%	9.6%	10.1%	10.4%	9.3%	7.9%	6.6%	7.8%	100.0%
	2026	8.8%	7.0%	6.8%	7.2%	8.6%	9.6%	10.1%	10.4%	9.3%	7.9%	6.6%	7.8%	100.0%
	2027	8.8%	7.0%	6.8%	7.2%	8.6%	9.6%	10.1%	10.4%	9.3%	7.9%	6.6%	7.8%	100.0%
	2028	8.7%	7.3%	6.8%	7.2%	8.5%	9.5%	10.0%	10.3%	9.2%	7.9%	6.6%	7.8%	100.0%
	2029	8.8%	7.0%	6.8%	7.2%	8.6%	9.6%	10.1%	10.4%	9.3%	7.9%	6.6%	7.9%	100.0%
	2030	8.8%	7.0%	6.8%	7.2%	8.6%	9.6%	10.1%	10.4%	9.3%	7.9%	6.6%	7.9%	100.0%
Avg.	2011-2020	7.9%	6.7%	7.2%	7.7%	8.9%	9.5%	10.1%	10.3%	9.4%	8.2%	6.8%	7.4%	100.0%
	2021-2030	8.8%	7.1%	6.8%	7.2%	8.6%	9.6%	10.1%	10.4%	9.3%	7.9%	6.6%	7.8%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Severe Weather Case

Leesburg

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	101.2	81.4	63.9	93.7	95.8	104.2	102.0	106.6	98.3	76.5	64.0	65.9	106.8	106.6
	2012	94.0	88.4	75.5	84.5	90.4	95.6	100.1	100.5	98.6	87.0	60.9	71.4	94.0	100.5
	2013	68.8	81.0	84.5	83.3	88.9	97.7	95.8	99.0	97.2	83.7	70.9	66.0	84.5	99.0
	2014	91.2	77.2	60.4	85.4	91.3	94.5	94.5	100.0	97.7	85.9	76.3	74.2	91.2	100.0
	2015	86.0	100.1	76.6	81.4	94.8	107.1	97.4	105.4	96.4	87.8	85.4	70.6	100.1	107.1
	2016	91.8	90.9	76.4	89.1	94.1	105.4	110.9	107.0	101.5	87.9	72.3	73.4	91.8	110.9
	2017	84.8	73.0	78.8	99.1	102.3	105.9	108.7	109.3	104.6	99.7	71.5	84.6	84.8	109.3
	2018	115.3	79.4	71.4	78.6	96.8	106.5	107.5	110.5	109.0	103.2	86.9	83.3	115.3	110.5
	2019	89.3	78.5	77.0	89.4	111.4	115.8	112.8	110.7	109.9	98.0	83.9	72.9	89.3	115.8
	2020	97.7	74.7	92.2	92.6	104.2	114.1	110.5	114.9	110.9	98.0	88.0	83.6	97.7	114.9
Projected	2021	112.8	102.3	94.5	95.4	107.5	115.5	112.6	117.8	111.3	100.7	89.8	85.3	112.8	117.8
	2022	115.1	104.4	96.5	97.3	109.7	117.9	114.9	120.2	113.6	102.7	91.1	86.5	115.1	120.2
	2023	116.7	105.8	97.8	98.3	110.8	119.0	116.0	121.3	114.6	103.7	91.7	87.1	116.7	121.3
	2024	117.5	106.5	98.5	99.0	111.6	119.8	116.8	122.2	115.5	104.5	92.6	87.9	117.5	122.2
	2025	118.5	107.5	99.4	99.7	112.4	120.6	117.6	123.0	116.3	105.2	93.2	88.5	118.5	123.0
	2026	119.4	108.3	100.1	100.4	113.2	121.4	118.3	123.7	117.0	105.9	93.9	89.2	119.4	123.7
	2027	120.3	109.1	100.8	101.1	114.0	122.2	119.2	124.6	117.8	106.7	94.6	89.8	120.3	124.6
	2028	121.2	109.9	101.6	101.9	114.9	123.1	120.1	125.6	118.7	107.6	95.6	90.8	121.2	125.6
	2029	122.4	111.1	102.6	102.8	115.9	124.1	121.0	126.5	119.5	108.4	96.4	91.6	122.4	126.5
	2030	123.5	112.0	103.5	103.7	117.0	125.1	122.0	127.6	120.6	109.5	97.5	92.6	123.5	127.6
Projected	2031	124.8	113.2	104.6	104.7	118.1	126.3	123.2	128.8	121.7	110.6	98.3	93.4	124.8	128.8
	2032	125.9	114.2	105.6	105.7	119.3	127.5	124.3	130.0	122.8	111.6	99.4	94.4	125.9	130.0
	2033	127.3	115.5	106.7	106.8	120.5	128.8	125.5	131.3	124.1	112.8	100.6	95.5	127.3	131.3
	2034	128.8	116.9	108.0	107.9	121.7	130.0	126.7	132.6	125.2	113.9	101.6	96.4	128.8	132.6
	2035	130.1	118.0	109.0	109.0	123.0	131.3	128.0	133.9	126.5	115.1	102.6	97.4	130.1	133.9
	2036	131.4	119.2	110.1	110.2	124.3	132.7	129.3	135.3	127.8	116.3	103.9	98.6	131.4	135.3
	2037	133.0	120.7	111.5	111.3	125.6	133.9	130.6	136.6	129.0	117.5	104.9	99.6	133.0	136.6
	2038	134.4	121.9	112.6	112.4	126.8	135.2	131.8	137.9	130.3	118.7	106.1	100.7	134.4	137.9
	2039	135.8	123.2	113.9	113.5	128.1	136.5	133.1	139.2	131.5	119.9	107.0	101.6	135.8	139.2
	2040	137.1	124.3	114.9	114.7	129.4	137.8	134.3	140.6	132.7	121.1	109.4	103.9	137.1	140.6

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	52.7%	59.7%	70.9%	57.4%	62.2%	62.2%	64.0%	64.2%	63.6%	60.7%	67.8%	70.4%	51.4%	51.4%
	2012	52.8%	53.1%	65.5%	62.4%	65.3%	59.9%	65.5%	62.6%	61.7%	59.6%	71.7%	67.3%	57.6%	53.9%
	2013	70.1%	60.1%	55.1%	62.9%	62.5%	62.6%	62.1%	64.7%	63.7%	62.0%	62.4%	69.7%	63.1%	53.9%
	2014	61.2%	59.5%	71.5%	58.7%	61.0%	62.7%	65.9%	64.9%	59.3%	57.8%	58.4%	65.7%	58.3%	53.2%
	2015	58.5%	51.2%	64.3%	64.7%	61.8%	60.5%	63.5%	60.9%	62.1%	57.9%	57.9%	67.0%	55.0%	51.4%
	2016	54.8%	52.7%	60.4%	56.0%	61.1%	64.3%	65.0%	64.4%	63.6%	60.2%	62.1%	63.0%	60.9%	50.4%
	2017	55.7%	61.6%	59.9%	54.4%	59.3%	59.6%	62.2%	64.3%	61.4%	57.1%	63.5%	57.3%	66.0%	51.2%
	2018	51.4%	61.8%	65.0%	63.6%	58.2%	62.1%	61.4%	64.5%	65.8%	58.8%	57.7%	58.8%	50.4%	52.5%
	2019	58.4%	61.2%	61.0%	59.2%	58.3%	59.1%	60.3%	62.4%	61.1%	61.9%	55.5%	63.5%	64.6%	49.8%
	2020	49.9%	65.0%	57.5%	56.6%	55.7%	59.5%	64.1%	61.4%	60.0%	57.6%	54.1%	65.6%	59.5%	50.6%
Projected	2021	55.4%	54.2%	50.9%	55.4%	56.5%	60.9%	63.8%	62.8%	61.4%	56.4%	54.2%	65.7%	53.7%	51.4%
	2022	55.2%	54.1%	51.0%	55.5%	56.6%	60.9%	63.8%	62.8%	61.4%	56.1%	54.3%	65.9%	53.6%	51.3%
	2023	55.1%	54.0%	50.9%	55.7%	56.7%	61.0%	63.8%	62.8%	61.3%	56.1%	54.4%	65.9%	53.4%	51.4%
	2024	55.2%	53.9%	50.9%	55.7%	56.7%	61.0%	63.7%	62.8%	61.4%	56.1%	54.4%	65.9%	53.6%	51.5%
	2025	55.1%	54.0%	50.8%	55.7%	56.7%	61.0%	63.7%	62.8%	61.4%	56.0%	54.3%	65.9%	53.3%	51.4%
	2026	55.0%	53.9%	50.8%	55.7%	56.7%	61.0%	63.7%	62.8%	61.4%	56.0%	54.3%	65.8%	53.3%	51.4%
	2027	55.0%	53.9%	50.7%	55.6%	56.7%	61.0%	63.7%	62.8%	61.4%	56.0%	54.3%	65.9%	53.3%	51.4%
	2028	55.0%	53.8%	50.7%	55.6%	56.7%	61.0%	63.7%	62.8%	61.4%	56.0%	54.1%	65.8%	53.4%	51.5%
	2029	54.9%	53.8%	50.6%	55.6%	56.6%	61.0%	63.7%	62.8%	61.4%	55.9%	54.0%	65.7%	53.1%	51.4%
	2030	54.8%	53.8%	50.5%	55.5%	56.6%	61.0%	63.7%	62.8%	61.4%	55.9%	54.0%	65.7%	53.1%	51.4%
Avg.	2011-2020	56.5%	58.6%	63.1%	59.6%	60.5%	61.2%	63.4%	63.4%	62.2%	59.4%	61.1%	64.8%	58.7%	51.8%
	2021-2030	55.1%	53.9%	50.8%	55.6%	56.6%	61.0%	63.7%	62.8%	61.4%	56.0%	54.2%	65.8%	53.4%	51.4%

FMPA 2021 Load Forecast - Severe Weather Case

Leesburg

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	100.9	81.4	56.5	86.9	95.8	100.3	97.2	100.0	94.6	76.5	59.4	61.6	105.3	100.0
	2012	90.6	88.4	68.0	78.5	83.8	81.4	89.7	98.0	98.5	86.4	56.2	71.1	90.6	89.7
	2013	65.9	79.5	80.8	81.8	84.1	81.6	89.3	90.5	87.6	79.0	64.0	58.2	80.8	90.5
	2014	89.4	77.2	50.5	85.4	84.9	91.1	87.8	95.8	96.5	85.9	72.9	72.3	89.4	95.8
	2015	86.0	100.1	72.5	81.4	94.6	105.6	96.9	101.1	93.9	87.1	84.7	70.6	100.1	105.6
	2016	90.3	90.9	76.4	89.1	91.6	99.7	110.9	105.7	97.2	87.0	72.3	67.0	84.7	110.9
	2017	84.8	73.0	78.8	99.1	102.3	105.0	106.7	108.4	101.2	99.7	71.5	84.6	78.8	108.4
	2018	115.3	79.4	70.5	77.2	92.5	100.5	104.7	109.0	108.7	103.0	85.8	83.3	115.3	109.0
	2019	89.3	78.5	77.0	89.4	111.4	115.8	110.4	109.4	109.9	95.7	83.6	60.7	85.8	115.8
	2020	97.7	73.4	92.2	84.8	104.2	112.0	108.4	110.8	109.5	96.7	86.1	80.5	92.2	112.0
Projected	2021	112.3	102.1	91.8	93.6	105.3	111.8	110.1	115.7	109.7	99.3	87.9	82.2	112.3	115.7
	2022	114.6	104.2	93.7	95.5	107.4	114.1	112.3	118.0	111.9	101.3	89.1	83.3	114.6	118.0
	2023	116.2	105.7	95.0	96.4	108.5	115.2	113.4	119.1	113.0	102.3	89.7	83.9	116.2	119.1
	2024	117.0	106.3	95.6	97.1	109.3	116.0	114.2	120.0	113.8	103.1	90.6	84.7	117.0	120.0
	2025	118.1	107.3	96.5	97.8	110.1	116.8	115.0	120.8	114.6	103.8	91.2	85.3	118.1	120.8
	2026	118.9	108.1	97.2	98.5	110.8	117.5	115.7	121.5	115.3	104.4	91.9	85.9	118.9	121.5
	2027	119.9	108.9	97.9	99.2	111.7	118.3	116.5	122.4	116.0	105.2	92.6	86.5	119.9	122.4
	2028	120.7	109.7	98.6	100.0	112.6	119.2	117.3	123.3	116.9	106.1	93.5	87.4	120.7	123.3
	2029	122.0	110.9	99.6	100.8	113.5	120.1	118.2	124.2	117.8	106.9	94.3	88.2	122.0	124.2
	2030	123.0	111.8	100.5	101.7	114.6	121.1	119.2	125.3	118.8	108.0	95.4	89.2	123.0	125.3
Projected	2031	124.4	113.0	101.6	102.8	115.7	122.3	120.4	126.5	119.9	109.0	96.2	89.9	124.4	126.5
	2032	125.5	114.0	102.5	103.7	116.8	123.4	121.4	127.7	121.0	110.1	97.3	90.9	125.5	127.7
	2033	126.9	115.3	103.6	104.8	118.0	124.6	122.7	129.0	122.2	111.2	98.4	92.0	126.9	129.0
	2034	128.3	116.6	104.9	105.8	119.2	125.8	123.8	130.2	123.4	112.3	99.4	92.9	128.3	130.2
	2035	129.6	117.8	105.9	106.9	120.4	127.1	125.1	131.5	124.6	113.5	100.4	93.8	129.6	131.5
	2036	130.9	119.0	106.9	108.1	121.8	128.4	126.4	132.9	125.9	114.7	101.6	95.0	130.9	132.9
	2037	132.5	120.5	108.3	109.2	123.0	129.6	127.6	134.1	127.1	115.9	102.6	96.0	132.5	134.1
	2038	133.9	121.7	109.4	110.3	124.2	130.8	128.8	135.4	128.3	117.0	103.8	97.0	133.9	135.4
	2039	135.3	123.0	110.6	111.4	125.5	132.1	130.0	136.7	129.6	118.2	104.7	97.9	135.3	136.7
	2040	136.6	124.1	111.6	112.5	126.7	133.3	131.2	138.0	130.8	119.4	107.0	100.0	136.6	138.0

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	99.7%	100.0%	88.4%	92.7%	100.0%	96.2%	95.2%	93.8%	96.3%	100.0%	92.8%	93.5%	98.6%	93.8%
	2012	96.3%	100.0%	90.1%	93.0%	92.8%	85.2%	89.5%	97.5%	99.9%	99.3%	92.2%	99.6%	96.3%	89.2%
	2013	95.7%	98.2%	95.6%	98.2%	94.6%	83.5%	93.1%	91.3%	90.1%	94.4%	90.3%	88.2%	95.6%	91.3%
	2014	97.9%	100.0%	83.5%	100.0%	93.0%	96.3%	92.9%	95.8%	98.8%	100.0%	95.5%	97.4%	97.9%	95.8%
	2015	100.0%	100.0%	94.6%	100.0%	99.8%	98.6%	99.4%	96.0%	97.3%	99.2%	99.2%	100.0%	100.0%	98.6%
	2016	98.3%	100.0%	100.0%	100.0%	97.3%	94.6%	100.0%	98.8%	95.8%	99.0%	100.0%	91.2%	92.2%	100.0%
	2017	100.0%	100.0%	100.0%	100.0%	100.0%	99.2%	98.2%	99.1%	96.8%	100.0%	100.0%	100.0%	93.0%	99.1%
	2018	100.0%	100.0%	98.7%	98.1%	95.6%	94.4%	97.4%	98.6%	99.7%	99.7%	98.8%	100.0%	100.0%	98.6%
	2019	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	97.9%	98.8%	100.0%	97.6%	99.6%	83.4%	96.1%	100.0%
	2020	100.0%	98.2%	100.0%	91.5%	100.0%	98.2%	98.1%	96.5%	98.7%	98.6%	97.8%	96.3%	94.4%	97.5%
Projected	2021	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2022	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2023	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2024	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2025	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2026	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2027	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2028	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2029	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2030	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2011-2020	98.8%	99.6%	95.1%	97.4%	97.3%	94.6%	96.2%	96.6%	97.3%	98.8%	96.6%	95.0%	96.4%	96.4%
	2021-2030	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%

FMPA 2021 Load Forecast - Severe Weather Case - Leesburg

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service						City		Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	218,688		17,795		12,289		239,294		3,011		79.5		15,695		7,623		481,300		18,270	3.7%	499,570	
	2012	197,704	-9.6%	17,739	-0.3%	11,145	-9.3%	230,966	-3.5%	2,974	-1.2%	77.7	-2.3%	15,239	-2.9%	7,260	-4.8%	451,169	-6.3%	17,984	3.8%	469,153	-6.1%
	2013	201,419	1.9%	17,967	1.3%	11,211	0.6%	231,802	0.4%	3,028	1.8%	76.5	-1.4%	14,931	-2.0%	7,423	2.2%	455,575	1.0%	13,071	2.8%	468,646	-0.1%
	2014	206,760	2.7%	18,534	3.2%	11,156	-0.5%	215,062	-7.2%	3,051	0.8%	70.5	-7.9%	15,439	3.4%	7,536	1.5%	444,797	-2.4%	20,967	4.5%	465,764	-0.6%
	2015	214,577	3.8%	18,791	1.4%	11,419	2.4%	220,826	2.7%	3,189	4.5%	69.2	-1.7%	15,352	-0.6%	7,610	1.0%	458,366	3.1%	20,500	4.3%	478,866	2.8%
	2016	225,911	5.3%	19,168	2.0%	11,786	3.2%	224,942	1.9%	3,518	10.3%	63.9	-7.7%	15,123	-1.5%	7,952	4.5%	473,928	3.4%	18,644	3.8%	492,572	2.9%
	2017	227,642	0.8%	20,278	5.8%	11,226	-4.7%	218,671	-2.8%	3,572	1.5%	61.2	-4.3%	15,256	0.9%	7,897	-0.7%	469,466	-0.9%	15,321	3.2%	484,786	-1.6%
	2018	241,724	6.2%	21,453	5.8%	11,268	0.4%	216,301	-1.1%	3,302	-7.6%	65.5	7.0%	16,007	4.9%	7,946	0.6%	481,977	2.7%	20,063	4.0%	502,040	3.6%
	2019	257,523	6.5%	21,434	-0.1%	12,015	6.6%	221,852	2.6%	3,284	-0.5%	67.5	3.1%	14,853	-7.2%	7,707	-3.0%	501,936	4.1%	7,839	1.5%	509,775	1.5%
	2020	262,000	1.7%	21,627	0.9%	12,115	0.8%	208,760	-5.9%	3,299	0.4%	63.3	-6.3%	12,843	-13.5%	7,563	-1.9%	491,167	-2.1%	14,284	2.8%	505,451	-0.8%
Projected	2021	278,189	6.2%	21,947	1.5%	12,676	4.6%	214,697	2.8%	3,376	2.3%	63.6	0.5%	13,728	6.9%	7,563	0.0%	514,177	4.7%	15,018	2.8%	529,196	4.7%
	2022	280,971	1.0%	22,204	1.2%	12,654	-0.2%	222,853	3.8%	3,430	1.6%	65.0	2.2%	13,826	0.7%	7,563	0.0%	525,213	2.1%	14,652	2.7%	539,866	2.0%
	2023	282,108	0.4%	22,395	0.9%	12,597	-0.4%	228,261	2.4%	3,463	1.0%	65.9	1.4%	13,958	1.0%	7,563	0.0%	531,891	1.3%	14,820	2.7%	546,710	1.3%
	2024	281,858	-0.1%	22,579	0.8%	12,483	-0.9%	232,810	2.0%	3,493	0.9%	66.6	1.1%	14,095	1.0%	7,563	0.0%	536,326	0.8%	16,199	2.9%	552,525	1.1%
	2025	282,254	0.1%	22,757	0.8%	12,403	-0.6%	236,567	1.6%	3,523	0.8%	67.2	0.8%	14,231	1.0%	7,563	0.0%	540,615	0.8%	15,063	2.7%	555,678	0.6%
	2026	283,292	0.4%	22,926	0.7%	12,357	-0.4%	239,395	1.2%	3,552	0.8%	67.4	0.4%	14,365	0.9%	7,563	0.0%	544,615	0.7%	15,177	2.7%	559,792	0.7%
	2027	284,987	0.6%	23,084	0.7%	12,346	-0.1%	241,964	1.1%	3,580	0.8%	67.6	0.3%	14,496	0.9%	7,563	0.0%	549,010	0.8%	15,305	2.7%	564,315	0.8%
	2028	286,983	0.7%	23,238	0.7%	12,350	0.0%	244,667	1.1%	3,609	0.8%	67.8	0.3%	14,627	0.9%	7,563	0.0%	553,840	0.9%	16,744	2.9%	570,584	1.1%
	2029	288,963	0.7%	23,388	0.6%	12,355	0.0%	247,580	1.2%	3,637	0.8%	68.1	0.4%	14,758	0.9%	7,563	0.0%	558,864	0.9%	15,586	2.7%	574,450	0.7%
	2030	291,168	0.8%	23,534	0.6%	12,372	0.1%	250,572	1.2%	3,665	0.8%	68.4	0.4%	14,889	0.9%	7,563	0.0%	564,192	1.0%	15,741	2.7%	579,933	1.0%
	2031	294,099	1.0%	23,673	0.6%	12,423	0.4%	253,526	1.2%	3,693	0.8%	68.7	0.4%	15,018	0.9%	7,563	0.0%	570,207	1.1%	15,910	2.7%	586,117	1.1%
	2032	296,739	0.9%	23,801	0.5%	12,468	0.4%	256,492	1.2%	3,720	0.7%	69.0	0.4%	15,143	0.8%	7,563	0.0%	575,937	1.0%	17,421	2.9%	593,358	1.2%
	2033	299,503	0.9%	23,925	0.5%	12,518	0.4%	259,598	1.2%	3,746	0.7%	69.3	0.5%	15,267	0.8%	7,563	0.0%	581,932	1.0%	16,242	2.7%	598,174	0.8%
	2034	302,599	1.0%	24,048	0.5%	12,583	0.5%	262,849	1.3%	3,773	0.7%	69.7	0.5%	15,392	0.8%	7,563	0.0%	588,403	1.1%	16,421	2.7%	604,825	1.1%
	2035	305,238	0.9%	24,168	0.5%	12,630	0.4%	266,168	1.3%	3,800	0.7%	70.0	0.5%	15,518	0.8%	7,563	0.0%	594,486	1.0%	16,595	2.7%	611,081	1.0%
	2036	308,628	1.1%	24,285	0.5%	12,708	0.6%	269,475	1.2%	3,827	0.7%	70.4	0.5%	15,642	0.8%	7,563	0.0%	601,307	1.1%	18,198	2.9%	619,505	1.4%
	2037	311,817	1.0%	24,396	0.5%	12,782	0.6%	272,700	1.2%	3,853	0.7%	70.8	0.5%	15,763	0.8%	7,563	0.0%	607,844	1.1%	16,967	2.7%	624,810	0.9%
	2038	314,821	1.0%	24,506	0.4%	12,847	0.5%	275,880	1.2%	3,879	0.7%	71.1	0.5%	15,885	0.8%	7,563	0.0%	614,150	1.0%	17,144	2.7%	631,294	1.0%
	2039	318,231	1.1%	24,615	0.4%	12,928	0.6%	279,016	1.1%	3,905	0.7%	71.5	0.5%	16,008	0.8%	7,563	0.0%	620,819	1.1%	17,331	2.7%	638,149	1.1%
	2040	321,526	1.0%	24,725	0.4%	13,004	0.6%	282,151	1.1%	3,931	0.7%	71.8	0.5%	16,130	0.8%	7,563	0.0%	627,370	1.1%	18,984	2.9%	646,354	1.3%
CAGR	2011-2020		2.0%		2.2%		-0.2%		-1.5%		1.0%		-2.5%		-2.2%		-0.1%		0.2%		3.4%		0.1%
	2021-2030		0.5%		0.8%		-0.3%		1.7%		0.9%		0.8%		0.9%		0.0%		1.0%		2.8%		1.0%
	2031-2040		1.0%		0.5%		0.5%		1.2%		0.7%		0.5%		0.8%		0.0%		1.1%		2.8%		1.1%

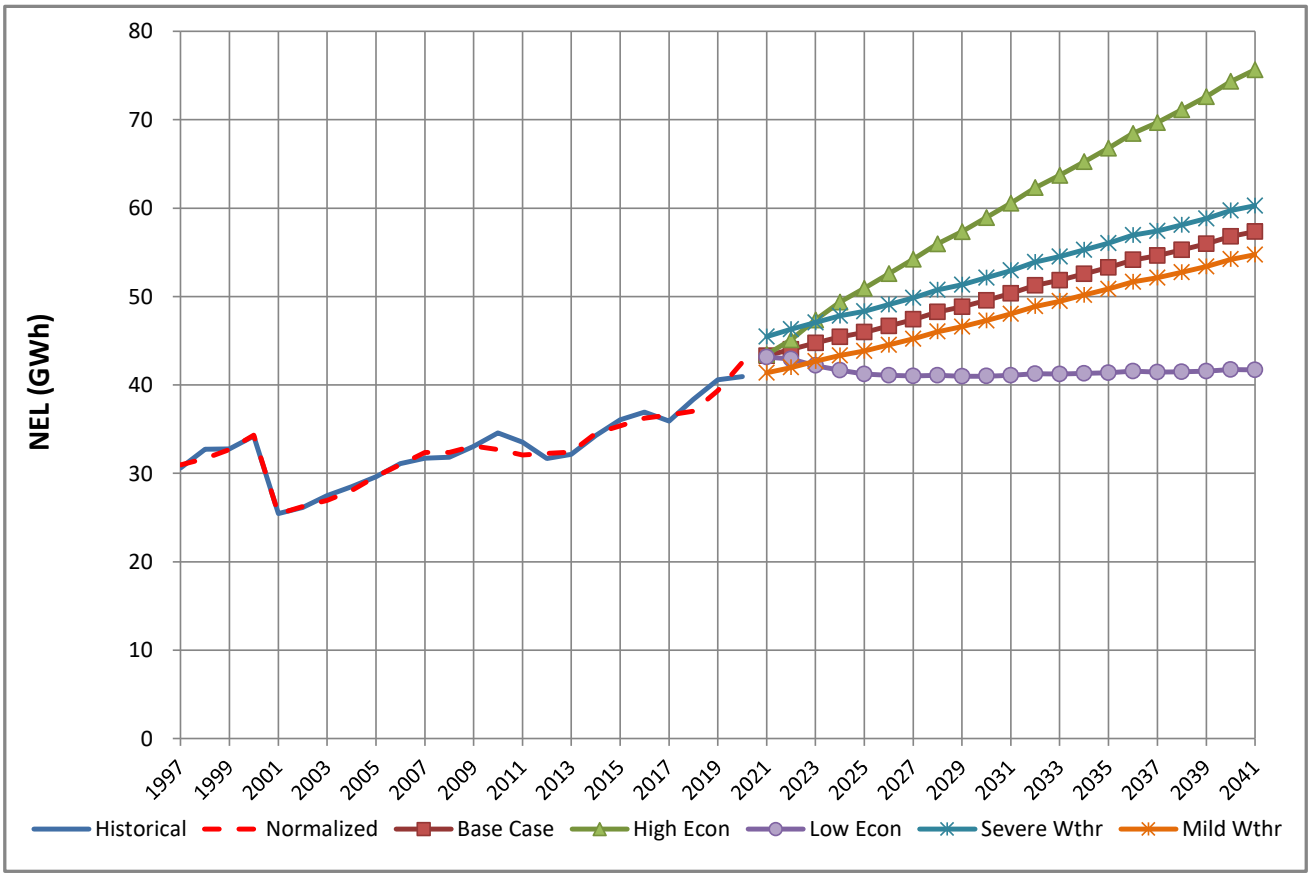
CAGR - Compound Average Growth Rate.

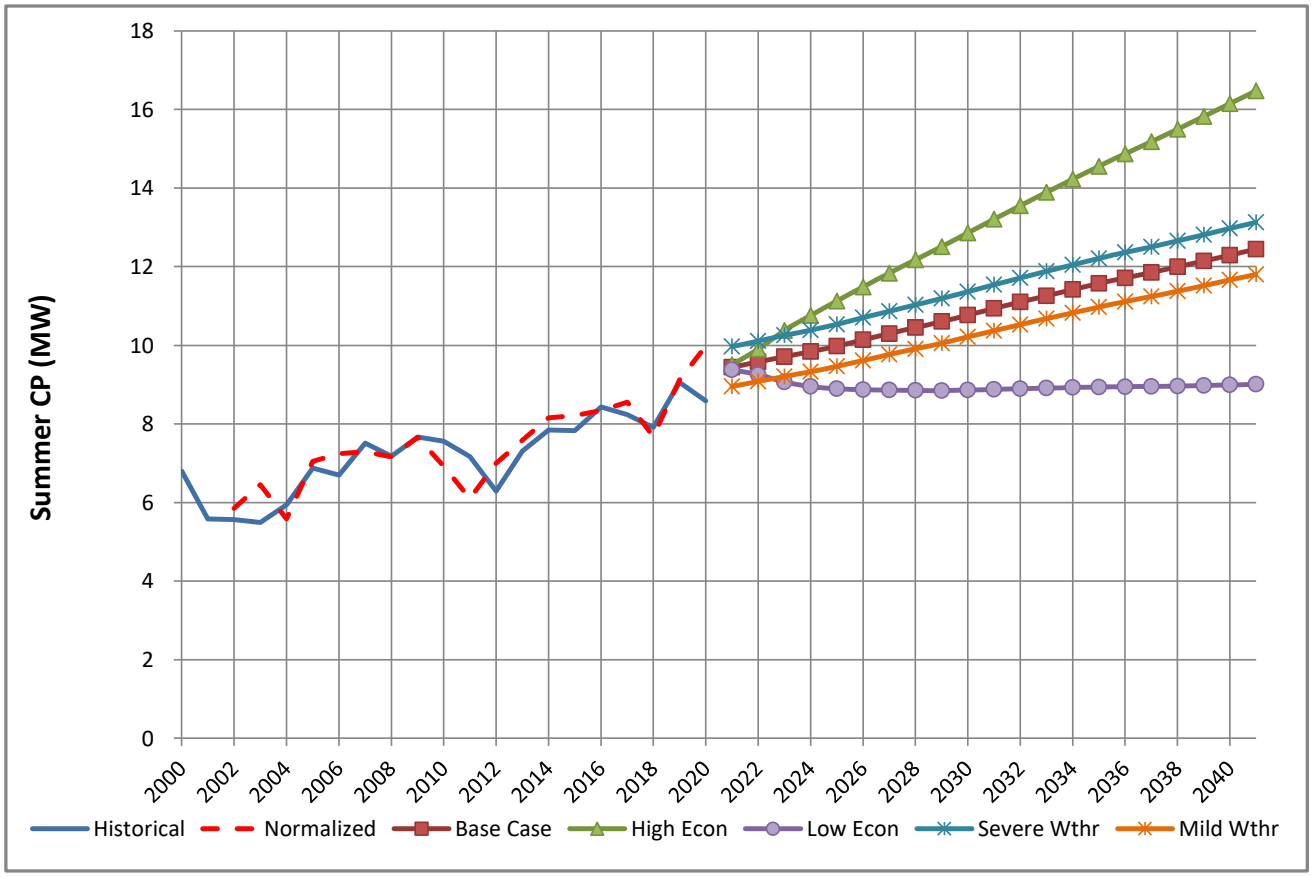
Add'l Villages

FMPA 2021 Load Forecast

Newberry

Historical and Projected NEL and Annual Coincident Peak Demand





FMPA 2021 Load Forecast - Low Economic Case

Newberry

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	33,524	-	32,084	-	-4.3%	8.1	-	8.2	-	1.1%	7.2	-	6.1		-14.3%
	2012	31,688	-5.5%	32,251	0.5%	1.8%	7.8	-3.3%	8.2	0.1%	4.7%	6.3	-12.3%	6.9	12.1%	9.6%
	2013	32,137	1.4%	32,416	0.5%	0.9%	7.4	-5.2%	7.3	-10.2%	-0.9%	7.3	16.3%	7.5	8.4%	2.1%
	2014	34,298	6.7%	34,547	6.6%	0.7%	7.6	2.6%	8.3	13.2%	9.4%	7.8	7.3%	8.0	7.5%	2.3%
	2015	36,047	5.1%	35,368	2.4%	-1.9%	8.7	14.2%	7.9	-4.5%	-8.5%	7.8	-0.2%	8.2	2.3%	4.9%
	2016	36,935	2.5%	36,234	2.4%	-1.9%	6.3	-27.3%	8.3	4.2%	31.2%	8.4	7.7%	8.3	1.6%	-1.1%
	2017	35,911	-2.8%	36,605	1.0%	1.9%	5.5	-12.0%	7.9	-4.2%	42.9%	8.2	-2.4%	8.6	2.5%	3.9%
	2018	38,376	6.9%	37,031	1.2%	-3.5%	10.0	79.9%	9.5	19.7%	-4.9%	7.9	-3.9%	7.7	-10.1%	-2.9%
	2019	40,582	5.8%	39,348	6.3%	-3.0%	6.2	-38.0%	10.4	9.9%	68.5%	9.1	14.5%	9.1	18.6%	0.6%
	2020	40,937	0.9%	42,580	8.2%	4.0%	7.2	15.7%	10.2	-2.3%	42.2%	8.6	-5.2%	10.0	9.4%	16.1%
Projected	2021	43,148	5.4%	43,148	1.3%		10.3	44.3%	10.3	1.5%		9.4	9.1%	9.4	-6.0%	
	2022			42,925	-0.5%				10.4	0.4%				9.3	-1.3%	
	2023			42,193	-1.7%				10.2	-1.4%				9.1	-2.0%	
	2024			41,662	-1.3%				10.0	-1.8%				8.9	-1.3%	
	2025			41,221	-1.1%				9.9	-1.0%				8.9	-0.6%	
	2026			41,075	-0.4%				9.9	-0.5%				8.9	-0.3%	
	2027			41,019	-0.1%				9.9	-0.2%				8.9	-0.1%	
	2028			41,091	0.2%				9.9	-0.1%				8.8	-0.1%	
	2029			40,964	-0.3%				9.8	-0.1%				8.8	0.0%	
	2030			40,998	0.1%				9.8	0.0%				8.9	0.1%	
	2031			41,082	0.2%				9.9	0.2%				8.9	0.2%	
	2032			41,274	0.5%				9.9	0.2%				8.9	0.2%	
	2033			41,232	-0.1%				9.9	0.1%				8.9	0.2%	
	2034			41,303	0.2%				9.9	0.1%				8.9	0.2%	
	2035			41,378	0.2%				9.9	0.2%				8.9	0.2%	
	2036			41,545	0.4%				9.9	0.2%				8.9	0.1%	
	2037			41,451	-0.2%				9.9	0.0%				8.9	0.0%	
	2038			41,488	0.1%				9.9	0.0%				9.0	0.1%	
	2039			41,558	0.2%				9.9	0.1%				9.0	0.2%	
	2040			41,749	0.5%				10.0	0.2%				9.0	0.2%	
CAGR [3]	2011-2020		2.2%		3.2%			-1.3%		2.5%			2.0%		5.5%	
	2021-2030				-0.6%					-0.5%					-0.6%	
	2031-2040				0.2%					0.1%					0.1%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Newberry

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	33,524	-	33,524	-	8.7	7.5	8.7	7.5	8.1	7.2	8.1	7.2
	2012	31,688	-5.5%	31,688	-5.5%	7.8	7.5	7.8	7.5	7.8	6.3	7.8	6.3
	2013	32,137	1.4%	32,137	1.4%	7.4	7.5	7.4	7.5	7.4	7.3	7.4	7.3
	2014	34,298	6.7%	34,298	6.7%	7.7	7.8	7.7	7.8	7.6	7.8	7.6	7.8
	2015	36,047	5.1%	36,047	5.1%	8.8	8.5	8.8	8.5	8.7	7.8	8.7	7.8
	2016	36,935	2.5%	36,935	2.5%	8.6	8.5	8.6	8.5	6.3	8.4	6.3	8.4
	2017	35,911	-2.8%	35,911	-2.8%	7.8	8.3	7.8	8.3	5.5	8.2	5.5	8.2
	2018	38,376	6.9%	38,376	6.9%	10.2	8.6	10.2	8.6	10.0	7.9	10.0	7.9
	2019	40,582	5.8%	40,582	5.8%	9.0	9.3	9.0	9.3	6.2	9.1	6.2	9.1
	2020	40,937	0.9%	40,193	-1.0%	8.7	9.7	9.8	9.0	7.2	8.6	9.5	8.7
Projected	2021	43,148	5.4%	39,926	-0.7%	10.7	9.7	9.8	8.9	10.3	9.4	9.5	8.6
	2022	42,925	-0.5%	39,350	-1.4%	10.7	9.6	9.7	8.8	10.4	9.3	9.4	8.5
	2023	42,193	-1.7%	38,921	-1.1%	10.5	9.4	9.6	8.7	10.2	9.1	9.3	8.4
	2024	41,662	-1.3%	38,799	-0.3%	10.4	9.3	9.5	8.7	10.0	8.9	9.2	8.4
	2025	41,221	-1.1%	38,590	-0.5%	10.3	9.2	9.5	8.6	9.9	8.9	9.2	8.3
	2026	41,075	-0.4%	38,531	-0.2%	10.2	9.2	9.4	8.6	9.9	8.9	9.1	8.3
	2027	41,019	-0.1%	38,497	-0.1%	10.2	9.2	9.4	8.6	9.9	8.9	9.1	8.3
	2028	41,091	0.2%	38,529	0.1%	10.2	9.2	9.4	8.6	9.9	8.8	9.1	8.3
	2029	40,964	-0.3%	38,357	-0.4%	10.2	9.2	9.4	8.6	9.8	8.8	9.1	8.3
	2030	40,998	0.1%	38,311	-0.1%	10.2	9.2	9.4	8.6	9.8	8.9	9.1	8.3
	2031	41,082	0.2%	38,310	0.0%	10.2	9.2	9.4	8.6	9.9	8.9	9.1	8.3
	2032	41,274	0.5%	38,391	0.2%	10.2	9.2	9.4	8.6	9.9	8.9	9.1	8.3
	2033	41,232	-0.1%	38,269	-0.3%	10.2	9.2	9.4	8.6	9.9	8.9	9.1	8.3
	2034	41,303	0.2%	38,229	-0.1%	10.2	9.3	9.4	8.6	9.9	8.9	9.1	8.3
	2035	41,378	0.2%	38,187	-0.1%	10.2	9.3	9.3	8.5	9.9	8.9	9.0	8.2
	2036	41,545	0.4%	38,220	0.1%	10.3	9.3	9.3	8.5	9.9	8.9	9.0	8.2
	2037	41,451	-0.2%	38,041	-0.5%	10.3	9.3	9.3	8.5	9.9	8.9	9.0	8.2
	2038	41,488	0.1%	37,972	-0.2%	10.3	9.3	9.3	8.5	9.9	9.0	9.0	8.2
	2039	41,558	0.2%	37,925	-0.1%	10.3	9.3	9.3	8.5	9.9	9.0	9.0	8.2
	2040	41,749	0.5%			10.3	9.3			10.0	9.0		
CAGR[1]	Historical		2.2%		2.4%	0.0%	2.9%	0.4%	2.8%	-1.1%	4.0%	-3.3%	5.4%
	1st 10 Prj Yrs		-0.6%		-0.5%	-0.5%	-0.6%	-0.4%	-0.5%	-0.5%	-0.6%	-0.4%	-0.5%
	2nd 10 Prj Yrs		0.2%		-0.1%	0.1%	0.1%	-0.1%	-0.1%	0.1%	0.1%	-0.1%	-0.1%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Newberry

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	33,524	-	32,084	-	-4.3%	8.1	-	8.2	-	1.1%	7.2	-	6.1		-14.3%
	2012	31,688	-5.5%	32,251	0.5%	1.8%	7.8	-3.3%	8.2	0.1%	4.7%	6.3	-12.3%	6.9	12.1%	9.6%
	2013	32,137	1.4%	32,416	0.5%	0.9%	7.4	-5.2%	7.3	-10.2%	-0.9%	7.3	16.3%	7.5	8.4%	2.1%
	2014	34,298	6.7%	34,547	6.6%	0.7%	7.6	2.6%	8.3	13.2%	9.4%	7.8	7.3%	8.0	7.5%	2.3%
	2015	36,047	5.1%	35,368	2.4%	-1.9%	8.7	14.2%	7.9	-4.5%	-8.5%	7.8	-0.2%	8.2	2.3%	4.9%
	2016	36,935	2.5%	36,234	2.4%	-1.9%	6.3	-27.3%	8.3	4.2%	31.2%	8.4	7.7%	8.3	1.6%	-1.1%
	2017	35,911	-2.8%	36,605	1.0%	1.9%	5.5	-12.0%	7.9	-4.2%	42.9%	8.2	-2.4%	8.6	2.5%	3.9%
	2018	38,376	6.9%	37,031	1.2%	-3.5%	10.0	79.9%	9.5	19.7%	-4.9%	7.9	-3.9%	7.7	-10.1%	-2.9%
	2019	40,582	5.8%	39,348	6.3%	-3.0%	6.2	-38.0%	10.4	9.9%	68.5%	9.1	14.5%	9.1	18.6%	0.6%
	2020	40,937	0.9%	41,323	5.0%	0.9%	7.2	15.7%	10.2	-2.3%	42.2%	8.6	-5.2%	10.0	9.4%	16.1%
Projected	2021	43,061	5.2%	43,061	4.2%		10.3	44.3%	10.3	1.5%		9.4	8.9%	9.4	-6.2%	
	2022			42,794	-0.6%				10.4	0.4%				9.2	-1.4%	
	2023			42,018	-1.8%				10.2	-1.4%				9.0	-2.2%	
	2024			41,439	-1.4%				10.0	-1.8%				8.9	-1.4%	
	2025			40,947	-1.2%				9.9	-1.0%				8.8	-0.8%	
	2026			40,733	-0.5%				9.9	-0.5%				8.8	-0.4%	
	2027			40,603	-0.3%				9.9	-0.2%				8.8	-0.3%	
	2028			40,599	0.0%				9.9	-0.1%				8.7	-0.3%	
	2029			40,391	-0.5%				9.8	-0.1%				8.7	-0.2%	
	2030			40,343	-0.1%				9.8	0.0%				8.7	-0.1%	
	2031			40,369	0.1%				9.9	0.2%				8.7	0.0%	
	2032			40,501	0.3%				9.9	0.2%				8.7	0.0%	
	2033			40,399	-0.3%				9.9	0.1%				8.7	0.0%	
	2034			40,418	0.0%				9.9	0.1%				8.7	0.0%	
	2035			40,432	0.0%				9.9	0.2%				8.7	0.0%	
	2036			40,531	0.2%				9.9	0.2%				8.7	-0.1%	
	2037			40,381	-0.4%				9.9	0.0%				8.7	-0.1%	
	2038			40,345	-0.1%				9.9	0.0%				8.7	-0.1%	
	2039			40,368	0.1%				9.9	0.1%				8.7	0.0%	
	2040			40,495	0.3%				10.0	0.2%				8.7	0.0%	
CAGR [3]	2011-2020		2.2%		2.9%			-1.3%		2.5%			2.0%		5.5%	
	2021-2030				-0.7%					-0.5%					-0.8%	
	2031-2040				0.0%					0.1%					0.0%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Newberry

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	33,524	-	32,084	-	-4.3%	8.7	-	44.1%	7.5	-	51.2%
	2012	31,688	-5.5%	32,251	0.5%	1.8%	7.8	-10.2%	46.4%	7.5	-0.1%	48.5%
	2013	32,137	1.4%	32,416	0.5%	0.9%	7.4	-5.2%	49.6%	7.5	1.0%	48.7%
	2014	34,298	6.7%	34,547	6.6%	0.7%	7.7	3.8%	51.0%	7.8	4.1%	49.9%
	2015	36,047	5.1%	35,368	2.4%	-1.9%	8.8	15.1%	46.5%	8.5	7.9%	48.6%
	2016	36,935	2.5%	36,234	2.4%	-1.9%	8.6	-3.3%	49.3%	8.5	0.4%	49.6%
	2017	35,911	-2.8%	36,605	1.0%	1.9%	7.8	-8.2%	52.2%	8.3	-1.8%	49.2%
	2018	38,376	6.9%	37,031	1.2%	-3.5%	10.2	29.3%	43.2%	8.6	3.7%	50.7%
	2019	40,582	5.8%	39,348	6.3%	-3.0%	9.0	-11.4%	51.5%	9.3	7.7%	49.7%
	2020	40,937	0.9%	42,580	8.2%	4.0%	8.7	-3.6%	53.9%	9.7	3.7%	48.3%
Projected	2021	43,061	5.2%	43,061	1.1%		10.7	22.9%	46.1%	9.7	0.4%	50.6%
	2022	42,794	-0.6%	42,794	-0.6%		10.7	0.4%	45.7%	9.6	-1.4%	51.1%
	2023	42,018	-1.8%	42,018	-1.8%		10.5	-1.4%	45.5%	9.4	-2.1%	51.2%
	2024	41,439	-1.4%	41,439	-1.4%		10.4	-1.8%	45.7%	9.2	-1.4%	51.3%
	2025	40,947	-1.2%	40,947	-1.2%		10.3	-1.0%	45.6%	9.2	-0.8%	51.0%
	2026	40,733	-0.5%	40,733	-0.5%		10.2	-0.5%	45.6%	9.1	-0.4%	51.0%
	2027	40,603	-0.3%	40,603	-0.3%		10.2	-0.2%	45.5%	9.1	-0.3%	51.0%
	2028	40,599	0.0%	40,599	0.0%		10.2	-0.1%	45.5%	9.1	-0.3%	51.1%
	2029	40,391	-0.5%	40,391	-0.5%		10.2	-0.1%	45.4%	9.0	-0.2%	51.0%
	2030	40,343	-0.1%	40,343	-0.1%		10.2	0.0%	45.3%	9.0	-0.1%	51.0%
	2031	40,369	0.1%	40,369	0.1%		10.2	0.2%	45.3%	9.0	0.0%	51.0%
	2032	40,501	0.3%	40,501	0.3%		10.2	0.2%	45.3%	9.0	0.0%	51.1%
	2033	40,399	-0.3%	40,399	-0.3%		10.2	0.1%	45.1%	9.0	0.0%	51.0%
	2034	40,418	0.0%	40,418	0.0%		10.2	0.1%	45.1%	9.0	0.0%	51.0%
	2035	40,432	0.0%	40,432	0.0%		10.2	0.2%	45.0%	9.0	0.0%	51.0%
	2036	40,531	0.2%	40,531	0.2%		10.3	0.2%	45.1%	9.0	-0.1%	51.2%
	2037	40,381	-0.4%	40,381	-0.4%		10.3	0.0%	44.9%	9.0	-0.1%	51.1%
	2038	40,345	-0.1%	40,345	-0.1%		10.3	0.0%	44.9%	9.0	-0.1%	51.0%
	2039	40,368	0.1%	40,368	0.1%		10.3	0.1%	44.8%	9.0	0.0%	51.1%
	2040	40,495	0.3%	40,495	0.3%		10.3	0.2%	44.9%	9.0	0.0%	51.2%
CAGR [1]	2011-2020		2.2%		3.2%			0.0%	48.8%		2.9%	49.4%
	2021-2030		-0.7%		-0.7%			-0.5%	45.6%		-0.8%	51.0%
	2031-2040		0.0%		0.0%			0.1%	45.0%		0.0%	51.1%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Newberry

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	2,960	2,245	2,176	2,413	2,857	3,181	3,271	3,504	2,955	2,340	2,175	2,329	32,406	33,524
	2012	2,569	2,171	2,332	2,332	2,953	2,962	3,353	3,189	2,984	2,572	2,265	2,493	32,174	31,688
	2013	2,407	2,262	2,495	2,376	2,679	3,081	3,095	3,356	3,058	2,657	2,320	2,522	32,307	32,137
	2014	3,221	2,382	2,417	2,405	2,886	3,194	3,481	3,610	3,202	2,712	2,623	2,707	34,842	34,298
	2015	2,928	2,754	2,516	2,685	3,204	3,500	3,625	3,597	3,195	2,744	2,572	2,588	35,908	36,047
	2016	3,070	2,706	2,562	2,634	3,207	3,677	3,920	3,836	3,417	2,864	2,449	2,612	36,956	36,935
	2017	2,723	2,286	2,601	2,795	3,315	3,300	3,702	3,873	3,389	3,134	2,479	2,932	36,530	35,911
	2018	3,771	2,480	2,619	2,585	3,231	3,677	3,731	3,850	3,888	3,392	2,833	3,130	39,187	38,376
	2019	3,360	2,543	2,764	2,831	3,820	3,826	3,969	4,151	3,963	3,447	2,746	2,933	40,354	40,582
	2020	3,142	2,826	3,147	3,007	3,422	3,858	4,206	4,302	3,900	3,477	2,904	3,429	41,620	40,937
Projected	2021	3,680	3,237	3,071	3,084	3,645	4,050	4,225	4,283	3,976	3,510	2,877	3,445	43,082	43,061
	2022	3,685	3,248	3,027	3,063	3,643	3,958	4,184	4,261	3,893	3,472	2,831	3,398	42,664	42,794
	2023	3,627	3,197	2,969	3,006	3,574	3,868	4,096	4,174	3,806	3,403	2,775	3,333	41,828	42,018
	2024	3,558	3,256	2,916	2,962	3,518	3,808	4,038	4,118	3,755	3,366	2,744	3,297	41,335	41,439
	2025	3,519	3,110	2,888	2,937	3,487	3,777	4,005	4,087	3,728	3,344	2,727	3,278	40,888	40,947
	2026	3,498	3,094	2,872	2,923	3,469	3,760	3,986	4,069	3,712	3,333	2,717	3,269	40,703	40,733
	2027	3,488	3,087	2,863	2,915	3,458	3,748	3,972	4,055	3,700	3,323	2,709	3,261	40,577	40,603
	2028	3,478	3,193	2,854	2,907	3,447	3,737	3,958	4,043	3,689	3,315	2,701	3,255	40,577	40,599
	2029	3,471	3,075	2,846	2,901	3,438	3,728	3,948	4,033	3,680	3,309	2,696	3,251	40,376	40,391
	2030	3,466	3,072	2,842	2,898	3,434	3,724	3,943	4,029	3,678	3,311	2,698	3,256	40,350	40,343
Projected	2031	3,470	3,076	2,843	2,901	3,436	3,726	3,944	4,031	3,679	3,313	2,699	3,259	40,375	40,369
	2032	3,472	3,193	2,844	2,902	3,437	3,728	3,944	4,031	3,679	3,315	2,700	3,262	40,507	40,501
	2033	3,474	3,082	2,844	2,904	3,437	3,728	3,943	4,031	3,679	3,317	2,701	3,264	40,405	40,399
	2034	3,476	3,085	2,845	2,906	3,438	3,730	3,943	4,032	3,680	3,319	2,703	3,267	40,425	40,418
	2035	3,478	3,088	2,846	2,908	3,438	3,731	3,943	4,032	3,680	3,319	2,703	3,269	40,434	40,432
	2036	3,479	3,203	2,845	2,907	3,436	3,728	3,938	4,028	3,676	3,318	2,701	3,268	40,526	40,531
	2037	3,476	3,088	2,842	2,906	3,432	3,725	3,932	4,023	3,672	3,315	2,698	3,266	40,372	40,381
	2038	3,473	3,087	2,838	2,904	3,428	3,722	3,928	4,019	3,669	3,316	2,699	3,269	40,351	40,345
	2039	3,475	3,090	2,840	2,906	3,430	3,724	3,929	4,021	3,671	3,318	2,700	3,271	40,373	40,368
	2040	3,477	3,207	2,840	2,908	3,430	3,725	3,928	4,021	3,671	3,320	2,701	3,274	40,501	40,495

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	9.1%	6.9%	6.7%	7.4%	8.8%	9.8%	10.1%	10.8%	9.1%	7.2%	6.7%	7.2%	100.0%
	2012	8.0%	6.7%	7.2%	7.2%	9.2%	9.2%	10.4%	9.9%	9.3%	8.0%	7.0%	7.7%	100.0%
	2013	7.5%	7.0%	7.7%	7.4%	8.3%	9.5%	9.6%	10.4%	9.5%	8.2%	7.2%	7.8%	100.0%
	2014	9.2%	6.8%	6.9%	6.9%	8.3%	9.2%	10.0%	10.4%	9.2%	7.8%	7.5%	7.8%	100.0%
	2015	8.2%	7.7%	7.0%	7.5%	8.9%	9.7%	10.1%	10.0%	8.9%	7.6%	7.2%	7.2%	100.0%
	2016	8.3%	7.3%	6.9%	7.1%	8.7%	10.0%	10.6%	10.4%	9.2%	7.7%	6.6%	7.1%	100.0%
	2017	7.5%	6.3%	7.1%	7.7%	9.1%	9.0%	10.1%	10.6%	9.3%	8.6%	6.8%	8.0%	100.0%
	2018	9.6%	6.3%	6.7%	6.6%	8.2%	9.4%	9.5%	9.8%	9.9%	8.7%	7.2%	8.0%	100.0%
	2019	8.3%	6.3%	6.8%	7.0%	9.5%	9.5%	9.8%	10.3%	9.8%	8.5%	6.8%	7.3%	100.0%
	2020	7.5%	6.8%	7.6%	7.2%	8.2%	9.3%	10.1%	10.3%	9.4%	8.4%	7.0%	8.2%	100.0%
Projected	2021	8.5%	7.5%	7.1%	7.2%	8.5%	9.4%	9.8%	9.9%	9.2%	8.1%	6.7%	8.0%	100.0%
	2022	8.6%	7.6%	7.1%	7.2%	8.5%	9.3%	9.8%	10.0%	9.1%	8.1%	6.6%	8.0%	100.0%
	2023	8.7%	7.6%	7.1%	7.2%	8.5%	9.2%	9.8%	10.0%	9.1%	8.1%	6.6%	8.0%	100.0%
	2024	8.6%	7.9%	7.1%	7.2%	8.5%	9.2%	9.8%	10.0%	9.1%	8.1%	6.6%	8.0%	100.0%
	2025	8.6%	7.6%	7.1%	7.2%	8.5%	9.2%	9.8%	10.0%	9.1%	8.2%	6.7%	8.0%	100.0%
	2026	8.6%	7.6%	7.1%	7.2%	8.5%	9.2%	9.8%	10.0%	9.1%	8.2%	6.7%	8.0%	100.0%
	2027	8.6%	7.6%	7.1%	7.2%	8.5%	9.2%	9.8%	10.0%	9.1%	8.2%	6.7%	8.0%	100.0%
	2028	8.6%	7.9%	7.0%	7.2%	8.5%	9.2%	9.8%	10.0%	9.1%	8.2%	6.7%	8.0%	100.0%
	2029	8.6%	7.6%	7.0%	7.2%	8.5%	9.2%	9.8%	10.0%	9.1%	8.2%	6.7%	8.1%	100.0%
	2030	8.6%	7.6%	7.0%	7.2%	8.5%	9.2%	9.8%	10.0%	9.1%	8.2%	6.7%	8.1%	100.0%
Avg.	2011-2020	8.3%	6.8%	7.1%	7.2%	8.7%	9.5%	10.0%	10.3%	9.4%	8.1%	7.0%	7.6%	100.0%
	2021-2030	8.6%	7.7%	7.1%	7.2%	8.5%	9.3%	9.8%	10.0%	9.1%	8.2%	6.7%	8.0%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Low Economic Case

Newberry

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	8.7	6.7	4.4	6.1	6.9	7.4	7.2	7.5	6.7	5.2	5.0	5.6	8.7	7.5
	2012	7.8	7.7	5.3	6.2	6.8	7.0	7.5	7.1	6.7	6.2	6.2	6.4	7.8	7.5
	2013	6.0	7.3	7.4	5.6	6.5	7.1	7.1	7.5	7.2	6.3	6.2	6.4	7.4	7.5
	2014	7.7	7.1	5.8	5.9	6.7	7.4	7.5	7.8	7.4	6.4	8.4	6.7	7.7	7.8
	2015	7.3	8.8	5.4	6.2	7.4	8.5	8.1	7.8	7.5	6.9	6.5	5.4	8.8	8.5
	2016	8.6	8.2	5.7	7.1	7.1	8.2	8.4	8.5	7.6	6.9	5.9	6.0	8.6	8.5
	2017	7.8	5.7	7.4	7.4	7.6	7.8	8.1	8.3	7.7	7.4	5.4	8.2	7.8	8.3
	2018	10.2	5.9	6.6	5.9	7.4	8.5	8.3	8.4	8.6	8.1	7.0	8.1	10.2	8.6
	2019	9.0	7.0	7.6	7.1	9.3	9.2	9.3	9.0	8.9	7.8	6.2	7.8	9.0	9.3
	2020	8.7	7.7	7.3	7.5	8.5	9.2	9.4	9.7	9.7	8.1	7.4	8.5	8.7	9.7
Projected	2021	10.7	9.8	8.0	7.5	8.6	9.3	9.4	9.7	9.0	8.1	7.5	8.6	10.7	9.7
	2022	10.7	9.9	8.1	7.4	8.5	9.1	9.3	9.6	8.9	8.0	7.3	8.4	10.7	9.6
	2023	10.5	9.7	7.9	7.3	8.3	8.9	9.1	9.4	8.7	7.9	7.2	8.3	10.5	9.4
	2024	10.4	9.6	7.8	7.2	8.2	8.8	9.0	9.2	8.6	7.8	7.1	8.2	10.4	9.2
	2025	10.3	9.5	7.7	7.1	8.2	8.7	8.9	9.2	8.5	7.7	7.1	8.2	10.3	9.2
	2026	10.2	9.4	7.7	7.1	8.1	8.7	8.9	9.1	8.5	7.7	7.1	8.2	10.2	9.1
	2027	10.2	9.4	7.7	7.1	8.1	8.7	8.8	9.1	8.5	7.7	7.1	8.2	10.2	9.1
	2028	10.2	9.4	7.7	7.1	8.1	8.6	8.8	9.1	8.4	7.6	7.1	8.1	10.2	9.1
	2029	10.2	9.4	7.7	7.1	8.1	8.6	8.8	9.0	8.4	7.6	7.1	8.1	10.2	9.0
	2030	10.2	9.4	7.7	7.0	8.1	8.6	8.8	9.0	8.4	7.6	7.1	8.2	10.2	9.0
Projected	2031	10.2	9.4	7.7	7.1	8.1	8.6	8.8	9.0	8.4	7.6	7.1	8.2	10.2	9.0
	2032	10.2	9.4	7.7	7.1	8.1	8.6	8.8	9.0	8.4	7.6	7.1	8.2	10.2	9.0
	2033	10.2	9.4	7.7	7.1	8.1	8.6	8.8	9.0	8.4	7.7	7.1	8.2	10.2	9.0
	2034	10.2	9.4	7.7	7.1	8.1	8.6	8.8	9.0	8.4	7.7	7.1	8.2	10.2	9.0
	2035	10.2	9.5	7.7	7.1	8.1	8.6	8.8	9.0	8.4	7.7	7.1	8.2	10.2	9.0
	2036	10.3	9.5	7.7	7.1	8.1	8.6	8.8	9.0	8.4	7.7	7.1	8.2	10.3	9.0
	2037	10.3	9.5	7.7	7.1	8.1	8.6	8.8	9.0	8.4	7.7	7.1	8.2	10.3	9.0
	2038	10.3	9.5	7.7	7.1	8.1	8.6	8.8	9.0	8.4	7.7	7.2	8.2	10.3	9.0
	2039	10.3	9.5	7.7	7.1	8.1	8.6	8.8	9.0	8.4	7.7	7.2	8.3	10.3	9.0
	2040	10.3	9.5	7.8	7.1	8.1	8.6	8.8	9.0	8.4	7.7	7.2	8.3	10.3	9.0

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	45.8%	50.1%	66.0%	54.8%	55.7%	59.9%	61.1%	63.0%	61.4%	60.9%	60.8%	56.1%	42.6%	49.5%
	2012	44.3%	40.6%	59.3%	52.6%	58.4%	58.8%	60.4%	60.4%	61.5%	55.6%	50.9%	52.7%	47.1%	49.2%
	2013	53.6%	45.9%	45.3%	58.7%	55.7%	59.9%	58.8%	59.9%	59.1%	56.5%	51.8%	53.2%	49.9%	49.0%
	2014	56.4%	49.6%	55.5%	56.3%	58.3%	59.6%	62.0%	61.9%	59.9%	57.2%	43.2%	54.2%	51.8%	50.7%
	2015	54.1%	46.4%	62.6%	59.8%	58.4%	57.4%	60.4%	62.2%	59.3%	53.5%	55.3%	64.6%	46.4%	48.4%
	2016	48.3%	47.5%	60.6%	51.7%	60.7%	62.4%	62.5%	60.7%	62.2%	55.9%	57.3%	59.0%	49.3%	49.7%
	2017	46.6%	59.2%	47.5%	52.4%	58.4%	58.8%	61.5%	62.4%	61.1%	57.1%	63.7%	48.0%	53.1%	50.0%
	2018	49.9%	62.5%	53.0%	61.0%	58.9%	60.0%	60.6%	61.3%	62.4%	56.0%	56.3%	51.7%	44.1%	51.7%
	2019	50.2%	53.7%	48.8%	55.4%	55.4%	57.8%	57.3%	61.7%	62.0%	59.2%	61.8%	50.4%	51.2%	49.4%
	2020	48.7%	52.9%	58.1%	55.7%	54.0%	58.4%	60.0%	59.8%	56.0%	57.7%	54.3%	54.0%	54.8%	49.2%
Projected	2021	46.4%	48.9%	51.4%	56.9%	56.7%	60.7%	60.1%	59.3%	61.1%	57.9%	53.6%	54.0%	46.1%	50.7%
	2022	46.3%	48.9%	50.5%	57.3%	57.4%	60.2%	60.4%	59.9%	60.7%	58.1%	53.5%	54.1%	45.5%	50.9%
	2023	46.2%	48.9%	50.2%	57.4%	57.6%	60.2%	60.4%	59.9%	60.7%	58.2%	53.4%	54.0%	45.3%	51.0%
	2024	46.2%	48.9%	50.2%	57.4%	57.4%	60.1%	60.4%	60.0%	60.7%	58.3%	53.4%	53.9%	45.6%	51.1%
	2025	46.1%	48.9%	50.2%	57.3%	57.3%	60.0%	60.4%	60.0%	60.8%	58.4%	53.3%	53.9%	45.5%	51.0%
	2026	46.1%	48.9%	50.2%	57.2%	57.2%	60.0%	60.4%	60.0%	60.8%	58.4%	53.2%	53.8%	45.5%	51.0%
	2027	46.0%	48.8%	50.1%	57.2%	57.2%	60.0%	60.3%	60.0%	60.8%	58.3%	53.1%	53.8%	45.5%	51.0%
	2028	45.9%	48.8%	50.0%	57.2%	57.1%	60.1%	60.3%	60.0%	60.8%	58.3%	53.0%	53.7%	45.5%	51.1%
	2029	45.9%	48.8%	49.9%	57.2%	57.1%	60.1%	60.3%	59.9%	60.8%	58.3%	52.9%	53.7%	45.4%	51.0%
	2030	45.8%	48.7%	49.9%	57.1%	57.0%	60.0%	60.3%	59.9%	60.8%	58.3%	52.8%	53.6%	45.3%	51.0%
Avg.	2011-2020	49.8%	50.8%	55.7%	55.8%	57.4%	59.3%	60.5%	61.3%	60.5%	56.9%	55.5%	54.4%	49.0%	49.7%
	2021-2030	46.1%	48.9%	50.3%	57.2%	57.2%	60.1%	60.3%	59.9%	60.8%	58.2%	53.2%	53.9%	45.5%	51.0%

FMPA 2021 Load Forecast - Low Economic Case

Newberry

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	8.0	6.6	3.8	6.1	6.6	7.2	6.5	7.2	6.5	5.1	4.3	4.1	8.1	7.2
	2012	7.8	7.7	5.0	4.7	6.8	6.9	6.3	6.1	6.5	5.8	4.2	6.4	7.8	6.3
	2013	6.0	7.3	7.4	5.6	6.2	6.7	6.9	7.3	7.2	6.1	4.3	4.2	7.4	7.3
	2014	7.6	7.1	4.2	5.9	6.7	6.7	7.3	7.8	6.1	6.1	8.3	6.5	7.6	7.8
	2015	7.1	8.7	5.0	6.0	7.2	7.8	7.2	7.7	7.2	6.8	6.3	4.7	8.7	7.8
	2016	7.9	8.0	5.7	7.1	6.7	8.2	8.4	8.5	7.1	5.8	5.3	5.1	6.3	8.4
	2017	7.8	5.0	5.5	7.4	7.2	7.4	8.1	8.2	5.6	7.2	5.0	8.2	5.5	8.2
	2018	10.0	5.5	4.6	4.3	7.3	6.9	8.0	7.9	7.6	8.1	6.2	8.1	10.0	7.9
	2019	8.0	5.8	5.3	7.0	9.2	9.1	8.5	8.5	8.6	7.2	6.1	4.9	6.2	9.1
	2020	8.7	5.2	7.2	7.5	8.4	8.6	9.0	9.1	9.7	7.7	6.4	7.4	7.2	8.6
Projected	2021	10.3	9.1	6.9	7.1	8.4	8.7	9.0	9.4	8.3	7.7	6.4	7.4	10.3	9.4
	2022	10.4	9.1	6.9	7.0	8.3	8.6	8.8	9.2	8.2	7.6	6.3	7.3	10.4	9.2
	2023	10.2	9.0	6.8	6.9	8.1	8.4	8.7	9.0	8.0	7.5	6.2	7.1	10.2	9.0
	2024	10.0	8.8	6.7	6.8	8.0	8.3	8.5	8.9	7.9	7.4	6.2	7.1	10.0	8.9
	2025	9.9	8.8	6.6	6.7	8.0	8.2	8.5	8.8	7.9	7.3	6.1	7.0	9.9	8.8
	2026	9.9	8.7	6.6	6.7	7.9	8.2	8.4	8.8	7.8	7.3	6.1	7.0	9.9	8.8
	2027	9.9	8.7	6.6	6.7	7.9	8.1	8.4	8.8	7.8	7.3	6.1	7.0	9.9	8.8
	2028	9.9	8.7	6.6	6.7	7.9	8.1	8.4	8.7	7.8	7.2	6.1	7.0	9.9	8.7
	2029	9.8	8.7	6.6	6.6	7.9	8.1	8.3	8.7	7.7	7.2	6.1	7.0	9.8	8.7
	2030	9.8	8.7	6.6	6.6	7.9	8.1	8.3	8.7	7.7	7.2	6.1	7.0	9.8	8.7
Projected	2031	9.9	8.7	6.6	6.7	7.9	8.1	8.3	8.7	7.7	7.2	6.1	7.0	9.9	8.7
	2032	9.9	8.7	6.6	6.7	7.9	8.1	8.3	8.7	7.7	7.2	6.1	7.0	9.9	8.7
	2033	9.9	8.7	6.6	6.7	7.9	8.1	8.3	8.7	7.7	7.2	6.1	7.1	9.9	8.7
	2034	9.9	8.7	6.6	6.7	7.9	8.1	8.3	8.7	7.7	7.3	6.2	7.1	9.9	8.7
	2035	9.9	8.7	6.6	6.7	7.9	8.1	8.3	8.7	7.7	7.3	6.2	7.1	9.9	8.7
	2036	9.9	8.8	6.6	6.7	7.9	8.1	8.3	8.7	7.7	7.3	6.2	7.1	9.9	8.7
	2037	9.9	8.8	6.6	6.7	7.9	8.1	8.3	8.7	7.7	7.3	6.2	7.1	9.9	8.7
	2038	9.9	8.8	6.6	6.7	7.9	8.1	8.3	8.7	7.7	7.3	6.2	7.1	9.9	8.7
	2039	9.9	8.8	6.6	6.7	7.9	8.1	8.3	8.7	7.7	7.3	6.2	7.1	9.9	8.7
	2040	10.0	8.8	6.6	6.7	7.9	8.1	8.3	8.7	7.7	7.3	6.2	7.1	10.0	8.7

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	92.1%	99.4%	85.5%	100.0%	96.1%	97.0%	90.8%	95.9%	97.0%	99.5%	86.6%	74.2%	92.9%	95.9%
	2012	100.0%	100.0%	94.4%	76.9%	99.5%	99.2%	84.3%	86.5%	96.3%	93.7%	67.8%	100.0%	100.0%	84.3%
	2013	100.0%	100.0%	100.0%	99.0%	96.3%	93.7%	98.1%	97.1%	99.8%	95.7%	69.1%	65.5%	100.0%	97.1%
	2014	98.8%	99.2%	71.5%	99.3%	100.0%	89.9%	96.9%	100.0%	82.3%	96.2%	97.9%	97.4%	98.8%	100.0%
	2015	98.2%	98.0%	93.1%	96.4%	97.9%	92.5%	89.3%	98.9%	96.4%	99.1%	97.5%	87.8%	98.0%	92.5%
	2016	92.0%	97.8%	100.0%	99.7%	93.8%	99.9%	100.0%	100.0%	92.8%	83.9%	90.0%	85.8%	73.6%	99.3%
	2017	99.9%	86.5%	75.2%	100.0%	93.9%	95.1%	100.0%	98.8%	72.9%	98.2%	91.9%	100.0%	70.6%	98.8%
	2018	98.2%	93.9%	69.1%	73.7%	99.4%	81.1%	96.8%	93.8%	88.2%	100.0%	88.3%	100.0%	98.2%	91.5%
	2019	88.9%	82.4%	69.1%	98.8%	99.0%	98.6%	91.4%	94.4%	97.1%	91.4%	98.4%	62.0%	68.7%	97.2%
	2020	100.0%	67.3%	98.2%	99.4%	98.9%	93.7%	95.5%	93.8%	100.0%	94.8%	86.2%	86.1%	82.5%	88.9%
Projected	2021	96.8%	92.5%	85.6%	94.3%	97.5%	94.1%	95.0%	96.4%	92.3%	94.8%	86.2%	86.1%	96.8%	96.4%
	2022	96.8%	92.5%	85.6%	94.3%	97.5%	94.1%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2023	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2024	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2025	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2026	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2027	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2028	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2029	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.3%	92.1%	94.7%	86.2%	86.1%	96.8%	96.3%
	2030	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.3%	92.1%	94.7%	86.2%	86.1%	96.8%	96.3%
	2011-2020	96.8%	92.5%	85.6%	94.3%	97.5%	94.1%	94.3%	95.9%	92.3%	95.2%	87.4%	85.9%	88.3%	94.6%
	2021-2030	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%

FMPA 2021 Load Forecast - Low Economic Case - Newberry

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service						City		Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	16,499		1,232		13,394		13,820		233		59.3		1,977		0		32,296		1,228	3.7%	33,524	
	2012	15,357	-6.9%	1,257	2.1%	12,216	-8.8%	13,223	-4.3%	240	2.8%	55.2	-6.9%	2,129	7.7%	0		30,709	-4.9%	979	3.1%	31,688	-5.5%
	2013	16,052	4.5%	1,319	4.9%	12,170	-0.4%	12,539	-5.2%	244	1.9%	51.4	-7.0%	1,995	-6.3%	0		30,586	-0.4%	1,551	4.8%	32,137	1.4%
	2014	17,133	6.7%	1,375	4.3%	12,459	2.4%	13,314	6.2%	242	-1.1%	55.1	7.3%	1,867	-6.4%	0		32,314	5.6%	1,984	5.8%	34,298	6.7%
	2015	18,341	7.1%	1,405	2.2%	13,056	4.8%	13,804	3.7%	240	-0.7%	57.5	4.4%	1,868	0.1%	0		34,013	5.3%	2,034	5.6%	36,047	5.1%
	2016	18,729	2.1%	1,455	3.5%	12,875	-1.4%	13,821	0.1%	238	-0.9%	58.1	1.0%	1,862	-0.3%	0		34,412	1.2%	2,523	6.8%	36,935	2.5%
	2017	18,965	1.3%	1,493	2.6%	12,705	-1.3%	14,093	2.0%	244	2.5%	57.8	-0.5%	1,770	-4.9%	583		35,411	2.9%	499	1.4%	35,911	-2.8%
	2018	19,648	3.6%	1,563	4.7%	12,573	-1.0%	14,700	4.3%	249	2.0%	59.1	2.2%	1,704	-3.7%	583	0.0%	36,635	3.5%	1,740	4.5%	38,376	6.9%
	2019	21,111	7.4%	1,643	5.2%	12,848	2.2%	15,161	3.1%	249	0.1%	60.9	3.0%	1,701	-0.2%	583	0.0%	38,556	5.2%	2,026	5.0%	40,582	5.8%
	2020	21,994	4.2%	1,746	6.3%	12,596	-2.0%	14,732	-2.8%	252	1.4%	58.4	-4.2%	1,601	-5.9%	583	0.0%	38,910	0.9%	2,026	5.0%	40,937	0.9%
Projected	2021	23,636	7.5%	1,829	4.8%	12,923	2.6%	15,182	3.1%	256	1.4%	59.3	1.6%	1,638	2.3%	583	0.0%	41,040	5.5%	2,108	4.9%	43,148	5.4%
	2022	23,434	-0.9%	1,842	0.7%	12,719	-1.6%	15,207	0.2%	255	-0.3%	59.6	0.5%	1,603	-2.1%	583	0.0%	40,828	-0.5%	2,097	4.9%	42,925	-0.5%
	2023	22,854	-2.5%	1,826	-0.9%	12,512	-1.6%	15,094	-0.7%	254	-0.5%	59.5	-0.2%	1,601	-0.1%	583	0.0%	40,132	-1.7%	2,061	4.9%	42,193	-1.7%
	2024	22,255	-2.6%	1,815	-0.6%	12,258	-2.0%	15,072	-0.1%	253	-0.2%	59.5	0.0%	1,606	0.3%	583	0.0%	39,516	-1.5%	2,146	5.2%	41,662	-1.3%
	2025	21,888	-1.6%	1,812	-0.2%	12,081	-1.4%	15,121	0.3%	254	0.1%	59.6	0.2%	1,615	0.5%	583	0.0%	39,207	-0.8%	2,014	4.9%	41,221	-1.1%
	2026	21,666	-1.0%	1,810	-0.1%	11,970	-0.9%	15,194	0.5%	254	0.2%	59.8	0.3%	1,625	0.6%	583	0.0%	39,068	-0.4%	2,007	4.9%	41,075	-0.4%
	2027	21,514	-0.7%	1,808	-0.1%	11,897	-0.6%	15,280	0.6%	255	0.2%	60.0	0.3%	1,637	0.7%	583	0.0%	39,015	-0.1%	2,004	4.9%	41,019	-0.1%
	2028	21,368	-0.7%	1,806	-0.1%	11,832	-0.5%	15,375	0.6%	255	0.3%	60.2	0.3%	1,649	0.8%	583	0.0%	38,975	-0.1%	2,116	5.2%	41,091	0.2%
	2029	21,240	-0.6%	1,803	-0.1%	11,777	-0.5%	15,477	0.7%	256	0.3%	60.4	0.4%	1,663	0.8%	583	0.0%	38,963	0.0%	2,001	4.9%	40,964	-0.3%
	2030	21,150	-0.4%	1,801	-0.1%	11,744	-0.3%	15,585	0.7%	257	0.3%	60.6	0.4%	1,677	0.9%	583	0.0%	38,995	0.1%	2,003	4.9%	40,998	0.1%
	2031	21,102	-0.2%	1,798	-0.2%	11,739	0.0%	15,698	0.7%	258	0.3%	60.9	0.4%	1,691	0.9%	583	0.0%	39,075	0.2%	2,007	4.9%	41,082	0.2%
	2032	21,046	-0.3%	1,793	-0.3%	11,737	0.0%	15,813	0.7%	259	0.3%	61.1	0.4%	1,706	0.9%	583	0.0%	39,149	0.2%	2,125	5.1%	41,274	0.5%
	2033	20,985	-0.3%	1,787	-0.3%	11,743	0.0%	15,929	0.7%	260	0.3%	61.3	0.4%	1,721	0.9%	583	0.0%	39,218	0.2%	2,014	4.9%	41,232	-0.1%
	2034	20,920	-0.3%	1,780	-0.4%	11,751	0.1%	16,046	0.7%	261	0.3%	61.6	0.4%	1,736	0.9%	583	0.0%	39,286	0.2%	2,017	4.9%	41,303	0.2%
	2035	20,855	-0.3%	1,773	-0.4%	11,761	0.1%	16,166	0.7%	261	0.3%	61.8	0.4%	1,752	0.9%	583	0.0%	39,357	0.2%	2,021	4.9%	41,378	0.2%
	2036	20,767	-0.4%	1,766	-0.4%	11,759	0.0%	16,288	0.8%	262	0.3%	62.1	0.4%	1,768	0.9%	583	0.0%	39,406	0.1%	2,139	5.1%	41,545	0.4%
	2037	20,651	-0.6%	1,758	-0.4%	11,746	-0.1%	16,409	0.7%	263	0.3%	62.3	0.4%	1,783	0.9%	583	0.0%	39,427	0.1%	2,024	4.9%	41,451	-0.2%
	2038	20,550	-0.5%	1,749	-0.5%	11,746	0.0%	16,530	0.7%	264	0.3%	62.6	0.4%	1,799	0.9%	583	0.0%	39,462	0.1%	2,026	4.9%	41,488	0.1%
	2039	20,479	-0.3%	1,741	-0.5%	11,765	0.2%	16,651	0.7%	265	0.3%	62.8	0.4%	1,815	0.9%	583	0.0%	39,529	0.2%	2,029	4.9%	41,558	0.2%
	2040	20,411	-0.3%	1,732	-0.5%	11,785	0.2%	16,774	0.7%	266	0.3%	63.1	0.4%	1,832	0.9%	583	0.0%	39,600	0.2%	2,149	5.1%	41,749	0.5%
CAGR	2011-2020		3.2%		4.0%		-0.7%		0.7%		0.9%		-0.2%		-2.3%				2.1%		4.6%		2.2%
	2021-2030		-1.2%		-0.2%		-1.1%		0.3%		0.0%		0.2%		0.3%		0.0%		-0.6%		4.9%		-0.6%
	2031-2040		-0.4%		-0.4%		0.0%		0.7%		0.3%		0.4%		0.9%		0.0%		0.1%		5.0%		0.2%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - High Economic Case

Newberry

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	33,524	-	32,084	-	-4.3%	8.1	-	8.2	-	1.1%	7.2	-	6.1		-14.3%
	2012	31,688	-5.5%	32,251	0.5%	1.8%	7.8	-3.3%	8.2	0.1%	4.7%	6.3	-12.3%	6.9	12.1%	9.6%
	2013	32,137	1.4%	32,416	0.5%	0.9%	7.4	-5.2%	7.3	-10.2%	-0.9%	7.3	16.3%	7.5	8.4%	2.1%
	2014	34,298	6.7%	34,547	6.6%	0.7%	7.6	2.6%	8.3	13.2%	9.4%	7.8	7.3%	8.0	7.5%	2.3%
	2015	36,047	5.1%	35,368	2.4%	-1.9%	8.7	14.2%	7.9	-4.5%	-8.5%	7.8	-0.2%	8.2	2.3%	4.9%
	2016	36,935	2.5%	36,234	2.4%	-1.9%	6.3	-27.3%	8.3	4.2%	31.2%	8.4	7.7%	8.3	1.6%	-1.1%
	2017	35,911	-2.8%	36,605	1.0%	1.9%	5.5	-12.0%	7.9	-4.2%	42.9%	8.2	-2.4%	8.6	2.5%	3.9%
	2018	38,376	6.9%	37,031	1.2%	-3.5%	10.0	79.9%	9.5	19.7%	-4.9%	7.9	-3.9%	7.7	-10.1%	-2.9%
	2019	40,582	5.8%	39,348	6.3%	-3.0%	6.2	-38.0%	10.4	9.9%	68.5%	9.1	14.5%	9.1	18.6%	0.6%
	2020	40,937	0.9%	42,580	8.2%	4.0%	7.2	15.7%	10.2	-2.3%	42.2%	8.6	-5.2%	10.0	9.4%	16.1%
Projected	2021	43,434	6.1%	43,434	2.0%		10.3	44.4%	10.3	1.5%		9.5	10.6%	9.5	-4.7%	
	2022			45,099	3.8%				10.7	3.9%				9.9	4.2%	
	2023			47,336	5.0%				11.3	5.2%				10.4	4.8%	
	2024			49,366	4.3%				11.8	4.3%				10.8	3.7%	
	2025			50,919	3.1%				12.2	3.4%				11.1	3.4%	
	2026			52,580	3.3%				12.6	3.3%				11.5	3.3%	
	2027			54,225	3.1%				13.0	3.2%				11.8	3.1%	
	2028			55,957	3.2%				13.4	3.0%				12.2	2.9%	
	2029			57,352	2.5%				13.7	2.8%				12.5	2.8%	
	2030			58,929	2.7%				14.1	2.7%				12.9	2.8%	
	2031			60,551	2.8%				14.5	2.8%				13.2	2.7%	
	2032			62,311	2.9%				14.9	2.7%				13.6	2.6%	
	2033			63,699	2.2%				15.3	2.5%				13.9	2.5%	
	2034			65,243	2.4%				15.7	2.4%				14.2	2.4%	
	2035			66,780	2.4%				16.0	2.4%				14.6	2.3%	
	2036			68,455	2.5%				16.4	2.3%				14.9	2.2%	
	2037			69,682	1.8%				16.7	2.0%				15.2	2.1%	
	2038			71,119	2.1%				17.1	2.0%				15.5	2.1%	
	2039			72,616	2.1%				17.5	2.1%				15.8	2.1%	
	2040			74,330	2.4%				17.8	2.1%				16.1	2.1%	
CAGR [3]	2011-2020		2.2%		3.2%			-1.3%		2.5%			2.0%		5.5%	
	2021-2030				3.4%					3.5%					3.4%	
	2031-2040				2.3%					2.3%					2.3%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Newberry

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	33,524	-	33,524	-	8.7	7.5	8.7	7.5	8.1	7.2	8.1	7.2
	2012	31,688	-5.5%	31,688	-5.5%	7.8	7.5	7.8	7.5	7.8	6.3	7.8	6.3
	2013	32,137	1.4%	32,137	1.4%	7.4	7.5	7.4	7.5	7.4	7.3	7.4	7.3
	2014	34,298	6.7%	34,298	6.7%	7.7	7.8	7.7	7.8	7.6	7.8	7.6	7.8
	2015	36,047	5.1%	36,047	5.1%	8.8	8.5	8.8	8.5	8.7	7.8	8.7	7.8
	2016	36,935	2.5%	36,935	2.5%	8.6	8.5	8.6	8.5	6.3	8.4	6.3	8.4
	2017	35,911	-2.8%	35,911	-2.8%	7.8	8.3	7.8	8.3	5.5	8.2	5.5	8.2
	2018	38,376	6.9%	38,376	6.9%	10.2	8.6	10.2	8.6	10.0	7.9	10.0	7.9
	2019	40,582	5.8%	40,582	5.8%	9.0	9.3	9.0	9.3	6.2	9.1	6.2	9.1
	2020	40,937	0.9%	40,458	-0.3%	8.7	9.7	9.8	9.1	7.2	8.6	9.5	8.8
Projected	2021	43,434	6.1%	41,845	3.4%	10.7	9.9	10.2	9.5	10.3	9.5	9.8	9.2
	2022	45,099	3.8%	43,804	4.7%	11.1	10.3	10.6	10.0	10.7	9.9	10.3	9.6
	2023	47,336	5.0%	45,573	4.0%	11.7	10.8	11.1	10.3	11.3	10.4	10.8	10.0
	2024	49,366	4.3%	47,197	3.6%	12.2	11.2	11.5	10.7	11.8	10.8	11.1	10.3
	2025	50,919	3.1%	48,486	2.7%	12.6	11.5	11.8	11.0	12.2	11.1	11.5	10.6
	2026	52,580	3.3%	49,838	2.8%	13.0	11.9	12.2	11.3	12.6	11.5	11.8	10.9
	2027	54,225	3.1%	51,140	2.6%	13.4	12.3	12.5	11.5	13.0	11.8	12.1	11.1
	2028	55,957	3.2%	52,470	2.6%	13.8	12.6	12.8	11.8	13.4	12.2	12.4	11.4
	2029	57,352	2.5%	53,472	1.9%	14.2	13.0	13.1	12.1	13.7	12.5	12.7	11.6
	2030	58,929	2.7%	54,607	2.1%	14.6	13.3	13.4	12.3	14.1	12.9	12.9	11.9
	2031	60,551	2.8%	55,780	2.1%	15.0	13.7	13.6	12.6	14.5	13.2	13.2	12.1
	2032	62,311	2.9%	57,054	2.3%	15.4	14.1	13.9	12.8	14.9	13.6	13.5	12.4
	2033	63,699	2.2%	58,002	1.7%	15.8	14.4	14.2	13.1	15.3	13.9	13.7	12.6
	2034	65,243	2.4%	59,053	1.8%	16.2	14.8	14.5	13.3	15.7	14.2	14.0	12.8
	2035	66,780	2.4%	60,082	1.7%	16.6	15.1	14.7	13.5	16.0	14.6	14.2	13.1
	2036	68,455	2.5%	61,216	1.9%	17.0	15.4	15.0	13.8	16.4	14.9	14.5	13.3
	2037	69,682	1.8%	61,989	1.3%	17.3	15.7	15.2	14.0	16.7	15.2	14.7	13.5
	2038	71,119	2.1%	62,927	1.5%	17.7	16.1	15.4	14.2	17.1	15.5	14.9	13.7
	2039	72,616	2.1%	63,901	1.5%	18.0	16.4	15.7	14.4	17.5	15.8	15.2	13.9
	2040	74,330	2.4%			18.4	16.8			17.8	16.1		
CAGR[1]	Historical		2.2%		2.4%	0.0%	2.9%	0.4%	2.8%	-1.1%	4.0%	-3.3%	5.4%
	1st 10 Prj Yrs		3.4%		3.1%	3.5%	3.4%	3.3%	3.1%	3.5%	3.4%	3.3%	3.1%
	2nd 10 Prj Yrs		2.3%		1.8%	2.3%	2.3%	1.8%	1.7%	2.3%	2.3%	1.8%	1.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Newberry

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	33,524	-	32,084	-	-4.3%	8.1	-	8.2	-	1.1%	7.2	-	6.1		-14.3%
	2012	31,688	-5.5%	32,251	0.5%	1.8%	7.8	-3.3%	8.2	0.1%	4.7%	6.3	-12.3%	6.9	12.1%	9.6%
	2013	32,137	1.4%	32,416	0.5%	0.9%	7.4	-5.2%	7.3	-10.2%	-0.9%	7.3	16.3%	7.5	8.4%	2.1%
	2014	34,298	6.7%	34,547	6.6%	0.7%	7.6	2.6%	8.3	13.2%	9.4%	7.8	7.3%	8.0	7.5%	2.3%
	2015	36,047	5.1%	35,368	2.4%	-1.9%	8.7	14.2%	7.9	-4.5%	-8.5%	7.8	-0.2%	8.2	2.3%	4.9%
	2016	36,935	2.5%	36,234	2.4%	-1.9%	6.3	-27.3%	8.3	4.2%	31.2%	8.4	7.7%	8.3	1.6%	-1.1%
	2017	35,911	-2.8%	36,605	1.0%	1.9%	5.5	-12.0%	7.9	-4.2%	42.9%	8.2	-2.4%	8.6	2.5%	3.9%
	2018	38,376	6.9%	37,031	1.2%	-3.5%	10.0	79.9%	9.5	19.7%	-4.9%	7.9	-3.9%	7.7	-10.1%	-2.9%
	2019	40,582	5.8%	39,348	6.3%	-3.0%	6.2	-38.0%	10.4	9.9%	68.5%	9.1	14.5%	9.1	18.6%	0.6%
	2020	40,937	0.9%	41,323	5.0%	0.9%	7.2	15.7%	10.2	-2.3%	42.2%	8.6	-5.2%	10.0	9.4%	16.1%
Projected	2021	43,347	5.9%	43,347	4.9%		10.3	44.4%	10.3	1.5%		9.5	10.4%	9.5	-4.9%	
	2022			44,968	3.7%				10.7	3.9%				9.9	4.1%	
	2023			47,161	4.9%				11.3	5.2%				10.3	4.7%	
	2024			49,143	4.2%				11.8	4.3%				10.7	3.6%	
	2025			50,645	3.1%				12.2	3.4%				11.1	3.3%	
	2026			52,237	3.1%				12.6	3.3%				11.4	3.1%	
	2027			53,809	3.0%				13.0	3.2%				11.7	2.9%	
	2028			55,464	3.1%				13.4	3.0%				12.1	2.7%	
	2029			56,779	2.4%				13.7	2.8%				12.4	2.6%	
	2030			58,273	2.6%				14.1	2.7%				12.7	2.7%	
	2031			59,838	2.7%				14.5	2.8%				13.0	2.6%	
	2032			61,537	2.8%				14.9	2.7%				13.4	2.5%	
	2033			62,867	2.2%				15.3	2.5%				13.7	2.4%	
	2034			64,358	2.4%				15.7	2.4%				14.0	2.4%	
	2035			65,834	2.3%				16.0	2.4%				14.3	2.3%	
	2036			67,441	2.4%				16.4	2.3%				14.6	2.1%	
	2037			68,612	1.7%				16.7	2.0%				14.9	2.0%	
	2038			69,976	2.0%				17.1	2.0%				15.2	2.0%	
	2039			71,426	2.1%				17.5	2.1%				15.5	2.1%	
	2040			73,077	2.3%				17.8	2.1%				15.9	2.0%	
CAGR [3]	2011-2020		2.2%		2.9%			-1.3%		2.5%			2.0%		5.5%	
	2021-2030				3.3%					3.5%					3.3%	
	2031-2040				2.2%					2.3%					2.2%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Newberry

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	33,524	-	32,084	-	-4.3%	8.7	-	44.1%	7.5	-	51.2%
	2012	31,688	-5.5%	32,251	0.5%	1.8%	7.8	-10.2%	46.4%	7.5	-0.1%	48.5%
	2013	32,137	1.4%	32,416	0.5%	0.9%	7.4	-5.2%	49.6%	7.5	1.0%	48.7%
	2014	34,298	6.7%	34,547	6.6%	0.7%	7.7	3.8%	51.0%	7.8	4.1%	49.9%
	2015	36,047	5.1%	35,368	2.4%	-1.9%	8.8	15.1%	46.5%	8.5	7.9%	48.6%
	2016	36,935	2.5%	36,234	2.4%	-1.9%	8.6	-3.3%	49.3%	8.5	0.4%	49.6%
	2017	35,911	-2.8%	36,605	1.0%	1.9%	7.8	-8.2%	52.2%	8.3	-1.8%	49.2%
	2018	38,376	6.9%	37,031	1.2%	-3.5%	10.2	29.3%	43.2%	8.6	3.7%	50.7%
	2019	40,582	5.8%	39,348	6.3%	-3.0%	9.0	-11.4%	51.5%	9.3	7.7%	49.7%
	2020	40,937	0.9%	42,580	8.2%	4.0%	8.7	-3.6%	53.9%	9.7	3.7%	48.3%
Projected	2021	43,347	5.9%	43,347	1.8%		10.7	23.0%	46.4%	9.8	1.8%	50.3%
	2022	44,968	3.7%	44,968	3.7%		11.1	3.9%	46.3%	10.2	4.1%	50.1%
	2023	47,161	4.9%	47,161	4.9%		11.7	5.2%	46.2%	10.7	4.7%	50.2%
	2024	49,143	4.2%	49,143	4.2%		12.2	4.3%	46.1%	11.1	3.6%	50.5%
	2025	50,645	3.1%	50,645	3.1%		12.6	3.4%	46.0%	11.5	3.3%	50.4%
	2026	52,237	3.1%	52,237	3.1%		13.0	3.3%	45.9%	11.8	3.1%	50.4%
	2027	53,809	3.0%	53,809	3.0%		13.4	3.2%	45.8%	12.2	2.9%	50.4%
	2028	55,464	3.1%	55,464	3.1%		13.8	3.0%	45.8%	12.5	2.7%	50.6%
	2029	56,779	2.4%	56,779	2.4%		14.2	2.8%	45.6%	12.8	2.6%	50.5%
	2030	58,273	2.6%	58,273	2.6%		14.6	2.7%	45.6%	13.2	2.7%	50.5%
	2031	59,838	2.7%	59,838	2.7%		15.0	2.8%	45.5%	13.5	2.6%	50.5%
	2032	61,537	2.8%	61,537	2.8%		15.4	2.7%	45.6%	13.9	2.5%	50.6%
	2033	62,867	2.2%	62,867	2.2%		15.8	2.5%	45.4%	14.2	2.4%	50.5%
	2034	64,358	2.4%	64,358	2.4%		16.2	2.4%	45.4%	14.5	2.4%	50.5%
	2035	65,834	2.3%	65,834	2.3%		16.6	2.4%	45.4%	14.9	2.3%	50.5%
	2036	67,441	2.4%	67,441	2.4%		17.0	2.3%	45.4%	15.2	2.1%	50.7%
	2037	68,612	1.7%	68,612	1.7%		17.3	2.0%	45.3%	15.5	2.0%	50.6%
	2038	69,976	2.0%	69,976	2.0%		17.7	2.0%	45.2%	15.8	2.0%	50.6%
	2039	71,426	2.1%	71,426	2.1%		18.0	2.1%	45.2%	16.1	2.1%	50.6%
	2040	73,077	2.3%	73,077	2.3%		18.4	2.1%	45.3%	16.5	2.0%	50.7%
CAGR [1]	2011-2020		2.2%		3.2%			0.0%	48.8%		2.9%	49.4%
	2021-2030		3.3%		3.3%			3.5%	46.0%		3.3%	50.4%
	2031-2040		2.2%		2.2%			2.3%	45.4%		2.2%	50.6%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Newberry

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	2,960	2,245	2,176	2,413	2,857	3,181	3,271	3,504	2,955	2,340	2,175	2,329	32,406	33,524
	2012	2,569	2,171	2,332	2,332	2,953	2,962	3,353	3,189	2,984	2,572	2,265	2,493	32,174	31,688
	2013	2,407	2,262	2,495	2,376	2,679	3,081	3,095	3,356	3,058	2,657	2,320	2,522	32,307	32,137
	2014	3,221	2,382	2,417	2,405	2,886	3,194	3,481	3,610	3,202	2,712	2,623	2,707	34,842	34,298
	2015	2,928	2,754	2,516	2,685	3,204	3,500	3,625	3,597	3,195	2,744	2,572	2,588	35,908	36,047
	2016	3,070	2,706	2,562	2,634	3,207	3,677	3,920	3,836	3,417	2,864	2,449	2,612	36,956	36,935
	2017	2,723	2,286	2,601	2,795	3,315	3,300	3,702	3,873	3,389	3,134	2,479	2,932	36,530	35,911
	2018	3,771	2,480	2,619	2,585	3,231	3,677	3,731	3,850	3,888	3,392	2,833	3,130	39,187	38,376
	2019	3,360	2,543	2,764	2,831	3,820	3,826	3,969	4,151	3,963	3,447	2,746	2,933	40,354	40,582
	2020	3,142	2,826	3,147	3,007	3,422	3,858	4,206	4,302	3,900	3,477	2,904	3,429	41,620	40,937
Projected	2021	3,682	3,243	3,081	3,099	3,670	4,088	4,276	4,348	4,049	3,589	2,954	3,554	43,634	43,347
	2022	3,819	3,381	3,165	3,218	3,848	4,200	4,467	4,573	4,201	3,767	3,089	3,736	45,463	44,968
	2023	4,015	3,558	3,317	3,374	4,043	4,394	4,684	4,795	4,389	3,936	3,220	3,896	47,621	47,161
	2024	4,185	3,838	3,443	3,504	4,197	4,552	4,860	4,969	4,542	4,075	3,330	4,030	49,526	49,143
	2025	4,330	3,828	3,556	3,619	4,337	4,701	5,020	5,131	4,688	4,203	3,433	4,160	51,006	50,645
	2026	4,471	3,951	3,666	3,730	4,473	4,847	5,178	5,291	4,833	4,332	3,536	4,292	52,601	52,237
	2027	4,613	4,075	3,775	3,840	4,608	4,989	5,331	5,446	4,973	4,455	3,635	4,416	54,155	53,809
	2028	4,748	4,347	3,878	3,944	4,736	5,125	5,478	5,595	5,107	4,574	3,730	4,537	55,799	55,464
	2029	4,879	4,307	3,980	4,046	4,861	5,259	5,622	5,742	5,240	4,692	3,825	4,658	57,112	56,779
	2030	5,011	4,422	4,082	4,150	4,990	5,397	5,772	5,895	5,379	4,818	3,927	4,787	58,631	58,273
Projected	2031	5,151	4,544	4,190	4,259	5,124	5,540	5,926	6,051	5,520	4,942	4,026	4,913	60,187	59,838
	2032	5,287	4,835	4,296	4,366	5,255	5,679	6,076	6,204	5,658	5,065	4,125	5,037	61,882	61,537
	2033	5,422	4,780	4,400	4,470	5,383	5,816	6,224	6,353	5,793	5,185	4,222	5,158	63,205	62,867
	2034	5,554	4,895	4,503	4,574	5,511	5,952	6,371	6,503	5,929	5,305	4,318	5,280	64,696	64,358
	2035	5,686	5,010	4,605	4,677	5,637	6,087	6,516	6,650	6,061	5,422	4,412	5,399	66,163	65,834
	2036	5,814	5,311	4,704	4,776	5,758	6,215	6,654	6,789	6,186	5,534	4,502	5,511	67,753	67,441
	2037	5,934	5,227	4,798	4,872	5,874	6,340	6,787	6,925	6,309	5,642	4,589	5,621	68,917	68,612
	2038	6,054	5,332	4,891	4,967	5,991	6,465	6,923	7,064	6,436	5,758	4,682	5,739	70,303	69,976
	2039	6,182	5,444	4,992	5,068	6,116	6,599	7,067	7,211	6,568	5,874	4,776	5,858	71,756	71,426
	2040	6,311	5,762	5,092	5,169	6,240	6,731	7,210	7,355	6,700	5,991	4,870	5,976	73,406	73,077

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	9.1%	6.9%	6.7%	7.4%	8.8%	9.8%	10.1%	10.8%	9.1%	7.2%	6.7%	7.2%	100.0%
	2012	8.0%	6.7%	7.2%	7.2%	9.2%	9.2%	10.4%	9.9%	9.3%	8.0%	7.0%	7.7%	100.0%
	2013	7.5%	7.0%	7.7%	7.4%	8.3%	9.5%	9.6%	10.4%	9.5%	8.2%	7.2%	7.8%	100.0%
	2014	9.2%	6.8%	6.9%	6.9%	8.3%	9.2%	10.0%	10.4%	9.2%	7.8%	7.5%	7.8%	100.0%
	2015	8.2%	7.7%	7.0%	7.5%	8.9%	9.7%	10.1%	10.0%	8.9%	7.6%	7.2%	7.2%	100.0%
	2016	8.3%	7.3%	6.9%	7.1%	8.7%	10.0%	10.6%	10.4%	9.2%	7.7%	6.6%	7.1%	100.0%
	2017	7.5%	6.3%	7.1%	7.7%	9.1%	9.0%	10.1%	10.6%	9.3%	8.6%	6.8%	8.0%	100.0%
	2018	9.6%	6.3%	6.7%	6.6%	8.2%	9.4%	9.5%	9.8%	9.9%	8.7%	7.2%	8.0%	100.0%
	2019	8.3%	6.3%	6.8%	7.0%	9.5%	9.5%	9.8%	10.3%	9.8%	8.5%	6.8%	7.3%	100.0%
	2020	7.5%	6.8%	7.6%	7.2%	8.2%	9.3%	10.1%	10.3%	9.4%	8.4%	7.0%	8.2%	100.0%
Projected	2021	8.4%	7.4%	7.1%	7.1%	8.4%	9.4%	9.8%	10.0%	9.3%	8.2%	6.8%	8.1%	100.0%
	2022	8.4%	7.4%	7.0%	7.1%	8.5%	9.2%	9.8%	10.1%	9.2%	8.3%	6.8%	8.2%	100.0%
	2023	8.4%	7.5%	7.0%	7.1%	8.5%	9.2%	9.8%	10.1%	9.2%	8.3%	6.8%	8.2%	100.0%
	2024	8.5%	7.8%	7.0%	7.1%	8.5%	9.2%	9.8%	10.0%	9.2%	8.2%	6.7%	8.1%	100.0%
	2025	8.5%	7.5%	7.0%	7.1%	8.5%	9.2%	9.8%	10.1%	9.2%	8.2%	6.7%	8.2%	100.0%
	2026	8.5%	7.5%	7.0%	7.1%	8.5%	9.2%	9.8%	10.1%	9.2%	8.2%	6.7%	8.2%	100.0%
	2027	8.5%	7.5%	7.0%	7.1%	8.5%	9.2%	9.8%	10.1%	9.2%	8.2%	6.7%	8.2%	100.0%
	2028	8.5%	7.8%	7.0%	7.1%	8.5%	9.2%	9.8%	10.0%	9.2%	8.2%	6.7%	8.1%	100.0%
	2029	8.5%	7.5%	7.0%	7.1%	8.5%	9.2%	9.8%	10.1%	9.2%	8.2%	6.7%	8.2%	100.0%
	2030	8.5%	7.5%	7.0%	7.1%	8.5%	9.2%	9.8%	10.1%	9.2%	8.2%	6.7%	8.2%	100.0%
Avg.	2011-2020	8.3%	6.8%	7.1%	7.2%	8.7%	9.5%	10.0%	10.3%	9.4%	8.1%	7.0%	7.6%	100.0%
	2021-2030	8.5%	7.6%	7.0%	7.1%	8.5%	9.2%	9.8%	10.0%	9.2%	8.2%	6.7%	8.2%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - High Economic Case

Newberry

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	8.7	6.7	4.4	6.1	6.9	7.4	7.2	7.5	6.7	5.2	5.0	5.6	8.7	7.5
	2012	7.8	7.7	5.3	6.2	6.8	7.0	7.5	7.1	6.7	6.2	6.2	6.4	7.8	7.5
	2013	6.0	7.3	7.4	5.6	6.5	7.1	7.1	7.5	7.2	6.3	6.2	6.4	7.4	7.5
	2014	7.7	7.1	5.8	5.9	6.7	7.4	7.5	7.8	7.4	6.4	8.4	6.7	7.7	7.8
	2015	7.3	8.8	5.4	6.2	7.4	8.5	8.1	7.8	7.5	6.9	6.5	5.4	8.8	8.5
	2016	8.6	8.2	5.7	7.1	7.1	8.2	8.4	8.5	7.6	6.9	5.9	6.0	8.6	8.5
	2017	7.8	5.7	7.4	7.4	7.6	7.8	8.1	8.3	7.7	7.4	5.4	8.2	7.8	8.3
	2018	10.2	5.9	6.6	5.9	7.4	8.5	8.3	8.4	8.6	8.1	7.0	8.1	10.2	8.6
	2019	9.0	7.0	7.6	7.1	9.3	9.2	9.3	9.0	8.9	7.8	6.2	7.8	9.0	9.3
	2020	8.7	7.7	7.3	7.5	8.5	9.2	9.4	9.7	9.7	8.1	7.4	8.5	8.7	9.7
Projected	2021	10.7	9.9	8.0	7.6	8.8	9.4	9.6	9.8	9.2	8.3	7.7	8.9	10.7	9.8
	2022	11.1	10.2	8.4	7.9	9.1	9.8	10.0	10.2	9.5	8.6	8.1	9.3	11.1	10.2
	2023	11.7	10.8	8.8	8.3	9.6	10.2	10.4	10.7	10.0	9.0	8.5	9.7	11.7	10.7
	2024	12.2	11.2	9.2	8.6	9.9	10.6	10.8	11.1	10.3	9.3	8.8	10.1	12.2	11.1
	2025	12.6	11.6	9.5	8.9	10.2	10.9	11.2	11.5	10.7	9.6	9.1	10.4	12.6	11.5
	2026	13.0	12.0	9.8	9.2	10.6	11.3	11.5	11.8	11.0	10.0	9.3	10.7	13.0	11.8
	2027	13.4	12.4	10.1	9.5	10.9	11.6	11.9	12.2	11.3	10.2	9.6	11.1	13.4	12.2
	2028	13.8	12.8	10.4	9.7	11.2	11.9	12.2	12.5	11.6	10.5	9.9	11.4	13.8	12.5
	2029	14.2	13.1	10.7	10.0	11.5	12.2	12.5	12.8	11.9	10.8	10.2	11.7	14.2	12.8
	2030	14.6	13.5	11.0	10.3	11.8	12.6	12.8	13.2	12.3	11.1	10.4	12.0	14.6	13.2
Projected	2031	15.0	13.8	11.3	10.5	12.1	12.9	13.2	13.5	12.6	11.4	10.7	12.3	15.0	13.5
	2032	15.4	14.2	11.6	10.8	12.4	13.2	13.5	13.9	12.9	11.7	11.0	12.7	15.4	13.9
	2033	15.8	14.6	11.9	11.1	12.7	13.5	13.8	14.2	13.2	12.0	11.3	13.0	15.8	14.2
	2034	16.2	14.9	12.2	11.3	13.0	13.9	14.2	14.5	13.5	12.3	11.5	13.3	16.2	14.5
	2035	16.6	15.3	12.5	11.6	13.3	14.2	14.5	14.9	13.8	12.6	11.8	13.6	16.6	14.9
	2036	17.0	15.7	12.8	11.8	13.6	14.5	14.8	15.2	14.1	12.8	12.1	13.9	17.0	15.2
	2037	17.3	16.0	13.0	12.1	13.9	14.8	15.1	15.5	14.4	13.1	12.3	14.1	17.3	15.5
	2038	17.7	16.3	13.3	12.3	14.2	15.1	15.4	15.8	14.7	13.4	12.6	14.4	17.7	15.8
	2039	18.0	16.6	13.6	12.6	14.5	15.4	15.7	16.1	15.0	13.6	12.8	14.8	18.0	16.1
	2040	18.4	17.0	13.9	12.8	14.8	15.7	16.0	16.5	15.3	13.9	13.1	15.1	18.4	16.5

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	45.8%	50.1%	66.0%	54.8%	55.7%	59.9%	61.1%	63.0%	61.4%	60.9%	60.8%	56.1%	42.6%	51.2%
	2012	44.3%	40.6%	59.3%	52.6%	58.4%	58.8%	60.4%	60.4%	61.5%	55.6%	50.9%	52.7%	47.1%	48.5%
	2013	53.6%	45.9%	45.3%	58.7%	55.7%	59.9%	58.8%	59.9%	59.1%	56.5%	51.8%	53.2%	49.9%	48.7%
	2014	56.4%	49.6%	55.5%	56.3%	58.3%	59.6%	62.0%	61.9%	59.9%	57.2%	43.2%	54.2%	51.8%	49.9%
	2015	54.1%	46.4%	62.6%	59.8%	58.4%	57.4%	60.4%	62.2%	59.3%	53.5%	55.3%	64.6%	46.4%	48.6%
	2016	48.3%	47.5%	60.6%	51.7%	60.7%	62.4%	62.5%	60.7%	62.2%	55.9%	57.3%	59.0%	49.3%	49.6%
	2017	46.6%	59.2%	47.5%	52.4%	58.4%	58.8%	61.5%	62.4%	61.1%	57.1%	63.7%	48.0%	53.1%	49.2%
	2018	49.9%	62.5%	53.0%	61.0%	58.9%	60.0%	60.6%	61.3%	62.4%	56.0%	56.3%	51.7%	44.1%	50.7%
	2019	50.2%	53.7%	48.8%	55.4%	55.4%	57.8%	57.3%	61.7%	62.0%	59.2%	61.8%	50.4%	51.2%	49.7%
	2020	48.7%	52.9%	58.1%	55.7%	54.0%	58.4%	60.0%	59.8%	56.0%	57.7%	54.3%	53.9%	54.8%	48.3%
Projected	2021	46.4%	49.0%	51.5%	56.4%	56.3%	60.5%	60.0%	59.4%	61.4%	58.4%	53.1%	53.8%	46.7%	50.3%
	2022	46.3%	49.2%	50.9%	56.2%	56.7%	59.7%	60.2%	60.0%	61.2%	58.9%	52.8%	53.7%	46.8%	50.1%
	2023	46.3%	49.2%	50.7%	56.3%	56.9%	59.7%	60.3%	60.1%	61.1%	58.7%	52.8%	53.7%	46.6%	50.2%
	2024	46.3%	49.1%	50.5%	56.4%	57.0%	59.7%	60.4%	60.1%	61.0%	58.6%	52.8%	53.7%	46.5%	50.5%
	2025	46.3%	49.0%	50.4%	56.4%	57.0%	59.7%	60.4%	60.1%	61.0%	58.6%	52.7%	53.7%	46.3%	50.4%
	2026	46.2%	49.0%	50.3%	56.3%	56.9%	59.6%	60.4%	60.1%	61.0%	58.5%	52.6%	53.7%	46.2%	50.4%
	2027	46.2%	49.0%	50.2%	56.3%	56.9%	59.6%	60.4%	60.1%	61.0%	58.4%	52.4%	53.6%	46.1%	50.4%
	2028	46.2%	49.0%	50.1%	56.3%	56.9%	59.6%	60.5%	60.1%	60.9%	58.4%	52.4%	53.6%	46.1%	50.6%
	2029	46.2%	48.9%	50.0%	56.2%	56.9%	59.6%	60.5%	60.1%	60.9%	58.3%	52.3%	53.6%	45.9%	50.5%
	2030	46.2%	48.9%	49.9%	56.1%	56.9%	59.6%	60.5%	60.1%	60.9%	58.3%	52.2%	53.5%	45.9%	50.5%
Avg.	2011-2020	49.8%	50.8%	55.7%	55.8%	57.4%	59.3%	60.5%	61.3%	60.5%	56.9%	55.5%	54.4%	49.0%	49.4%
	2021-2030	46.2%	49.0%	50.4%	56.3%	56.8%	59.7%	60.4%	60.0%	61.0%	58.5%	52.6%	53.7%	46.3%	50.4%

FMPA 2021 Load Forecast - High Economic Case

Newberry

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	8.0	6.6	3.8	6.1	6.6	7.2	6.5	7.2	6.5	5.1	4.3	4.1	8.1	7.2
	2012	7.8	7.7	5.0	4.7	6.8	6.9	6.3	6.1	6.5	5.8	4.2	6.4	7.8	6.3
	2013	6.0	7.3	7.4	5.6	6.2	6.7	6.9	7.3	7.2	6.1	4.3	4.2	7.4	7.3
	2014	7.6	7.1	4.2	5.9	6.7	6.7	7.3	7.8	6.1	6.1	8.3	6.5	7.6	7.8
	2015	7.1	8.7	5.0	6.0	7.2	7.8	7.2	7.7	7.2	6.8	6.3	4.7	8.7	7.8
	2016	7.9	8.0	5.7	7.1	6.7	8.2	8.4	8.5	7.1	5.8	5.3	5.1	6.3	8.4
	2017	7.8	5.0	5.5	7.4	7.2	7.4	8.1	8.2	5.6	7.2	5.0	8.2	5.5	8.2
	2018	10.0	5.5	4.6	4.3	7.3	6.9	8.0	7.9	7.6	8.1	6.2	8.1	10.0	7.9
	2019	8.0	5.8	5.3	7.0	9.2	9.1	8.5	8.5	8.6	7.2	6.1	4.9	6.2	9.1
	2020	8.7	5.2	7.2	7.5	8.4	8.6	9.0	9.1	9.7	7.7	6.4	7.4	7.2	8.6
Projected	2021	10.3	9.1	6.9	7.2	8.5	8.8	9.1	9.5	8.4	7.8	6.7	7.6	10.3	9.5
	2022	10.7	9.5	7.2	7.5	8.9	9.2	9.5	9.9	8.8	8.2	7.0	8.0	10.7	9.9
	2023	11.3	10.0	7.5	7.9	9.3	9.6	9.9	10.3	9.2	8.5	7.3	8.4	11.3	10.3
	2024	11.8	10.4	7.8	8.1	9.7	10.0	10.3	10.7	9.5	8.9	7.6	8.7	11.8	10.7
	2025	12.2	10.7	8.1	8.4	10.0	10.3	10.6	11.1	9.8	9.1	7.8	9.0	12.2	11.1
	2026	12.6	11.1	8.4	8.7	10.3	10.6	10.9	11.4	10.2	9.4	8.1	9.3	12.6	11.4
	2027	13.0	11.4	8.7	8.9	10.6	10.9	11.3	11.7	10.4	9.7	8.3	9.5	13.0	11.7
	2028	13.4	11.8	8.9	9.2	10.9	11.2	11.6	12.1	10.7	10.0	8.5	9.8	13.4	12.1
	2029	13.7	12.1	9.2	9.4	11.2	11.5	11.9	12.4	11.0	10.3	8.8	10.1	13.7	12.4
	2030	14.1	12.5	9.4	9.7	11.5	11.8	12.2	12.7	11.3	10.5	9.0	10.3	14.1	12.7
Projected	2031	14.5	12.8	9.7	9.9	11.8	12.1	12.5	13.0	11.6	10.8	9.3	10.6	14.5	13.0
	2032	14.9	13.2	9.9	10.2	12.1	12.4	12.8	13.4	11.9	11.1	9.5	10.9	14.9	13.4
	2033	15.3	13.5	10.2	10.4	12.4	12.7	13.1	13.7	12.2	11.4	9.7	11.2	15.3	13.7
	2034	15.7	13.8	10.4	10.7	12.7	13.0	13.4	14.0	12.5	11.6	9.9	11.4	15.7	14.0
	2035	16.0	14.1	10.7	10.9	13.0	13.3	13.7	14.3	12.7	11.9	10.2	11.7	16.0	14.3
	2036	16.4	14.5	10.9	11.2	13.3	13.6	14.0	14.6	13.0	12.1	10.4	11.9	16.4	14.6
	2037	16.7	14.8	11.2	11.4	13.5	13.9	14.3	14.9	13.3	12.4	10.6	12.2	16.7	14.9
	2038	17.1	15.1	11.4	11.6	13.8	14.2	14.6	15.2	13.5	12.7	10.8	12.4	17.1	15.2
	2039	17.5	15.4	11.6	11.9	14.1	14.4	14.9	15.5	13.8	12.9	11.1	12.7	17.5	15.5
	2040	17.8	15.7	11.9	12.1	14.4	14.7	15.2	15.9	14.1	13.2	11.3	13.0	17.8	15.9

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	92.1%	99.4%	85.5%	100.0%	96.1%	97.0%	90.8%	95.9%	97.0%	99.5%	86.6%	74.2%	92.9%	95.9%
	2012	100.0%	100.0%	94.4%	76.9%	99.5%	99.2%	84.3%	86.5%	96.3%	93.7%	67.8%	100.0%	100.0%	84.3%
	2013	100.0%	100.0%	100.0%	99.0%	96.3%	93.7%	98.1%	97.1%	99.8%	95.7%	69.1%	65.5%	100.0%	97.1%
	2014	98.8%	99.2%	71.5%	99.3%	100.0%	89.9%	96.9%	100.0%	82.3%	96.2%	97.9%	97.4%	98.8%	100.0%
	2015	98.2%	98.0%	93.1%	96.4%	97.9%	92.5%	89.3%	98.9%	96.4%	99.1%	97.5%	87.8%	98.0%	92.5%
	2016	92.0%	97.8%	100.0%	99.7%	93.8%	99.9%	100.0%	100.0%	92.8%	83.9%	90.0%	85.8%	73.6%	99.3%
	2017	99.9%	86.5%	75.2%	100.0%	93.9%	95.1%	100.0%	98.8%	72.9%	98.2%	91.9%	100.0%	70.6%	98.8%
	2018	98.2%	93.9%	69.1%	73.7%	99.4%	81.1%	96.8%	93.8%	88.2%	100.0%	88.3%	100.0%	98.2%	91.5%
	2019	88.9%	82.4%	69.1%	98.8%	99.0%	98.6%	91.4%	94.4%	97.1%	91.4%	98.4%	62.0%	68.7%	97.2%
	2020	100.0%	67.3%	98.2%	99.4%	98.9%	93.7%	95.5%	93.8%	100.0%	94.8%	86.2%	86.1%	82.5%	88.9%
Projected	2021	96.8%	92.5%	85.6%	94.3%	97.5%	94.1%	95.0%	96.4%	92.3%	94.8%	86.2%	86.1%	96.8%	96.4%
	2022	96.8%	92.5%	85.6%	94.3%	97.5%	94.1%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2023	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2024	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2025	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2026	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2027	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2028	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2029	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2030	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2011-2020	96.8%	92.5%	85.6%	94.3%	97.5%	94.1%	94.3%	95.9%	92.3%	95.2%	87.4%	85.9%	88.3%	94.6%
	2021-2030	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%

FMPA 2021 Load Forecast - High Economic Case - Newberry

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service						City		Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	16,499		1,232		13,394		13,820		233		59.3		1,977		0		32,296		1,228	3.7%	33,524	
	2012	15,357	-6.9%	1,257	2.1%	12,216	-8.8%	13,223	-4.3%	240	2.8%	55.2	-6.9%	2,129	7.7%	0		30,709	-4.9%	979	3.1%	31,688	-5.5%
	2013	16,052	4.5%	1,319	4.9%	12,170	-0.4%	12,539	-5.2%	244	1.9%	51.4	-7.0%	1,995	-6.3%	0		30,586	-0.4%	1,551	4.8%	32,137	1.4%
	2014	17,133	6.7%	1,375	4.3%	12,459	2.4%	13,314	6.2%	242	-1.1%	55.1	7.3%	1,867	-6.4%	0		32,314	5.6%	1,984	5.8%	34,298	6.7%
	2015	18,341	7.1%	1,405	2.2%	13,056	4.8%	13,804	3.7%	240	-0.7%	57.5	4.4%	1,868	0.1%	0		34,013	5.3%	2,034	5.6%	36,047	5.1%
	2016	18,729	2.1%	1,455	3.5%	12,875	-1.4%	13,821	0.1%	238	-0.9%	58.1	1.0%	1,862	-0.3%	0		34,412	1.2%	2,523	6.8%	36,935	2.5%
	2017	18,965	1.3%	1,493	2.6%	12,705	-1.3%	14,093	2.0%	244	2.5%	57.8	-0.5%	1,770	-4.9%	583		35,411	2.9%	499	1.4%	35,911	-2.8%
	2018	19,648	3.6%	1,563	4.7%	12,573	-1.0%	14,700	4.3%	249	2.0%	59.1	2.2%	1,704	-3.7%	583	0.0%	36,635	3.5%	1,740	4.5%	38,376	6.9%
	2019	21,111	7.4%	1,643	5.2%	12,848	2.2%	15,161	3.1%	249	0.1%	60.9	3.0%	1,701	-0.2%	583	0.0%	38,556	5.2%	2,026	5.0%	40,582	5.8%
	2020	21,994	4.2%	1,746	6.3%	12,596	-2.0%	14,732	-2.8%	252	1.4%	58.4	-4.2%	1,601	-5.9%	583	0.0%	38,910	0.9%	2,026	5.0%	40,937	0.9%
Projected	2021	23,785	8.1%	1,838	5.2%	12,943	2.8%	15,249	3.5%	256	1.6%	59.5	1.9%	1,694	5.8%	583	0.0%	41,311	6.2%	2,122	4.9%	43,434	6.1%
	2022	24,727	4.0%	1,924	4.7%	12,850	-0.7%	15,781	3.5%	259	1.2%	60.8	2.3%	1,801	6.3%	583	0.0%	42,892	3.8%	2,207	4.9%	45,099	3.8%
	2023	26,089	5.5%	2,038	5.9%	12,804	-0.4%	16,470	4.4%	264	1.8%	62.4	2.5%	1,876	4.2%	583	0.0%	45,019	5.0%	2,317	4.9%	47,336	5.0%
	2024	27,239	4.4%	2,141	5.1%	12,722	-0.6%	17,053	3.5%	268	1.5%	63.6	2.0%	1,944	3.6%	583	0.0%	46,820	4.0%	2,546	5.2%	49,366	4.3%
	2025	28,285	3.8%	2,233	4.3%	12,668	-0.4%	17,549	2.9%	272	1.3%	64.6	1.6%	2,010	3.4%	583	0.0%	48,427	3.4%	2,492	4.9%	50,919	3.1%
	2026	29,329	3.7%	2,320	3.9%	12,644	-0.2%	18,020	2.7%	275	1.2%	65.6	1.5%	2,074	3.2%	583	0.0%	50,006	3.3%	2,573	4.9%	52,580	3.3%
	2027	30,377	3.6%	2,402	3.5%	12,647	0.0%	18,475	2.5%	278	1.1%	66.5	1.4%	2,136	3.0%	583	0.0%	51,571	3.1%	2,654	4.9%	54,225	3.1%
	2028	31,370	3.3%	2,480	3.3%	12,648	0.0%	18,918	2.4%	281	1.1%	67.3	1.3%	2,198	2.9%	583	0.0%	53,070	2.9%	2,886	5.2%	55,957	3.2%
	2029	32,345	3.1%	2,556	3.1%	12,653	0.0%	19,356	2.3%	284	1.1%	68.2	1.2%	2,260	2.8%	583	0.0%	54,545	2.8%	2,807	4.9%	57,352	2.5%
	2030	33,348	3.1%	2,631	2.9%	12,676	0.2%	19,791	2.2%	287	1.0%	69.0	1.2%	2,323	2.8%	583	0.0%	56,045	2.7%	2,884	4.9%	58,929	2.7%
	2031	34,396	3.1%	2,703	2.7%	12,725	0.4%	20,224	2.2%	290	1.0%	69.8	1.2%	2,385	2.7%	583	0.0%	57,587	2.8%	2,964	4.9%	60,551	2.8%
	2032	35,414	3.0%	2,772	2.6%	12,774	0.4%	20,652	2.1%	292	1.0%	70.6	1.1%	2,446	2.6%	583	0.0%	59,096	2.6%	3,215	5.2%	62,311	2.9%
	2033	36,413	2.8%	2,838	2.4%	12,828	0.4%	21,077	2.1%	295	0.9%	71.4	1.1%	2,508	2.5%	583	0.0%	60,581	2.5%	3,118	4.9%	63,699	2.2%
	2034	37,394	2.7%	2,902	2.3%	12,884	0.4%	21,502	2.0%	298	0.9%	72.2	1.1%	2,570	2.5%	583	0.0%	62,050	2.4%	3,193	4.9%	65,243	2.4%
	2035	38,368	2.6%	2,965	2.2%	12,939	0.4%	21,926	2.0%	301	0.9%	72.9	1.1%	2,633	2.4%	583	0.0%	63,511	2.4%	3,269	4.9%	66,780	2.4%
	2036	39,291	2.4%	3,027	2.1%	12,979	0.3%	22,352	1.9%	303	0.9%	73.7	1.0%	2,696	2.4%	583	0.0%	64,923	2.2%	3,532	5.2%	68,455	2.5%
	2037	40,153	2.2%	3,087	2.0%	13,005	0.2%	22,776	1.9%	306	0.9%	74.5	1.0%	2,759	2.3%	583	0.0%	66,272	2.1%	3,411	4.9%	69,682	1.8%
	2038	41,034	2.2%	3,146	1.9%	13,045	0.3%	23,198	1.9%	309	0.8%	75.2	1.0%	2,823	2.3%	583	0.0%	67,638	2.1%	3,481	4.9%	71,119	2.1%
	2039	41,971	2.3%	3,203	1.8%	13,103	0.4%	23,621	1.8%	311	0.8%	75.9	1.0%	2,887	2.3%	583	0.0%	69,062	2.1%	3,554	4.9%	72,616	2.1%
	2040	42,916	2.3%	3,260	1.8%	13,162	0.5%	24,045	1.8%	314	0.8%	76.7	1.0%	2,951	2.2%	583	0.0%	70,495	2.1%	3,835	5.2%	74,330	2.4%
CAGR	2011-2020		3.2%		4.0%		-0.7%		0.7%		0.9%		-0.2%		-2.3%				2.1%		4.6%		2.2%
	2021-2030		3.8%		4.1%		-0.2%		2.9%		1.3%		1.7%		3.6%		0.0%		3.4%		4.9%		3.4%
	2031-2040		2.5%		2.1%		0.4%		1.9%		0.9%		1.0%		2.4%		0.0%		2.3%		5.0%		2.3%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - Mild Weather Case

Newberry

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	33,524	-	32,084	-	-4.3%	8.1	-	8.2	-	1.1%	7.2	-	6.1		-14.3%
	2012	31,688	-5.5%	32,251	0.5%	1.8%	7.8	-3.3%	8.2	0.1%	4.7%	6.3	-12.3%	6.9	12.1%	9.6%
	2013	32,137	1.4%	32,416	0.5%	0.9%	7.4	-5.2%	7.3	-10.2%	-0.9%	7.3	16.3%	7.5	8.4%	2.1%
	2014	34,298	6.7%	34,547	6.6%	0.7%	7.6	2.6%	8.3	13.2%	9.4%	7.8	7.3%	8.0	7.5%	2.3%
	2015	36,047	5.1%	35,368	2.4%	-1.9%	8.7	14.2%	7.9	-4.5%	-8.5%	7.8	-0.2%	8.2	2.3%	4.9%
	2016	36,935	2.5%	36,234	2.4%	-1.9%	6.3	-27.3%	8.3	4.2%	31.2%	8.4	7.7%	8.3	1.6%	-1.1%
	2017	35,911	-2.8%	36,605	1.0%	1.9%	5.5	-12.0%	7.9	-4.2%	42.9%	8.2	-2.4%	8.6	2.5%	3.9%
	2018	38,376	6.9%	37,031	1.2%	-3.5%	10.0	79.9%	9.5	19.7%	-4.9%	7.9	-3.9%	7.7	-10.1%	-2.9%
	2019	40,582	5.8%	39,348	6.3%	-3.0%	6.2	-38.0%	10.4	9.9%	68.5%	9.1	14.5%	9.1	18.6%	0.6%
	2020	40,937	0.9%	42,580	8.2%	4.0%	7.2	15.7%	10.2	-2.3%	42.2%	8.6	-5.2%	10.0	9.4%	16.1%
Projected	2021	41,374	1.1%	41,374	-2.8%		9.4	31.4%	9.4	-7.6%		9.0	4.2%	9.0	-10.3%	
	2022			41,976	1.5%				9.6	2.1%				9.1	1.4%	
	2023			42,671	1.7%				9.8	1.9%				9.2	1.4%	
	2024			43,345	1.6%				9.9	1.3%				9.3	1.3%	
	2025			43,843	1.1%				10.0	1.3%				9.5	1.5%	
	2026			44,520	1.5%				10.2	1.5%				9.6	1.6%	
	2027			45,227	1.6%				10.4	1.6%				9.8	1.6%	
	2028			46,027	1.8%				10.5	1.5%				9.9	1.5%	
	2029			46,583	1.2%				10.7	1.4%				10.1	1.5%	
	2030			47,289	1.5%				10.8	1.5%				10.2	1.6%	
	2031			48,036	1.6%				11.0	1.6%				10.4	1.6%	
	2032			48,890	1.8%				11.2	1.6%				10.5	1.5%	
	2033			49,470	1.2%				11.3	1.4%				10.7	1.4%	
	2034			50,166	1.4%				11.5	1.4%				10.8	1.4%	
	2035			50,859	1.4%				11.6	1.4%				11.0	1.4%	
	2036			51,650	1.6%				11.8	1.4%				11.1	1.2%	
	2037			52,123	0.9%				11.9	1.1%				11.2	1.2%	
	2038			52,745	1.2%				12.1	1.2%				11.4	1.2%	
	2039			53,405	1.3%				12.2	1.3%				11.5	1.3%	
	2040			54,212	1.5%				12.4	1.3%				11.7	1.2%	
CAGR [3]	2011-2020		2.2%		3.2%			-1.3%		2.5%			2.0%		5.5%	
	2021-2030				1.5%					1.6%					1.5%	
	2031-2040				1.4%					1.3%					1.3%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Newberry

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	33,524	-	33,524	-	8.7	7.5	8.7	7.5	8.1	7.2	8.1	7.2
	2012	31,688	-5.5%	31,688	-5.5%	7.8	7.5	7.8	7.5	7.8	6.3	7.8	6.3
	2013	32,137	1.4%	32,137	1.4%	7.4	7.5	7.4	7.5	7.4	7.3	7.4	7.3
	2014	34,298	6.7%	34,298	6.7%	7.7	7.8	7.7	7.8	7.6	7.8	7.6	7.8
	2015	36,047	5.1%	36,047	5.1%	8.8	8.5	8.8	8.5	8.7	7.8	8.7	7.8
	2016	36,935	2.5%	36,935	2.5%	8.6	8.5	8.6	8.5	6.3	8.4	6.3	8.4
	2017	35,911	-2.8%	35,911	-2.8%	7.8	8.3	7.8	8.3	5.5	8.2	5.5	8.2
	2018	38,376	6.9%	38,376	6.9%	10.2	8.6	10.2	8.6	10.0	7.9	10.0	7.9
	2019	40,582	5.8%	40,582	5.8%	9.0	9.3	9.0	9.3	6.2	9.1	6.2	9.1
	2020	40,937	0.9%	38,594	-4.9%	8.7	9.7	8.9	8.6	7.2	8.6	8.7	8.3
Projected	2021	41,374	1.1%	39,053	1.2%	9.7	9.3	9.1	8.7	9.4	9.0	8.8	8.4
	2022	41,976	1.5%	39,701	1.7%	9.9	9.4	9.3	8.9	9.6	9.1	9.0	8.6
	2023	42,671	1.7%	40,321	1.6%	10.1	9.6	9.4	9.0	9.8	9.2	9.1	8.7
	2024	43,345	1.6%	41,011	1.7%	10.2	9.7	9.6	9.1	9.9	9.3	9.3	8.8
	2025	43,843	1.1%	41,507	1.2%	10.4	9.8	9.7	9.3	10.0	9.5	9.4	8.9
	2026	44,520	1.5%	42,099	1.4%	10.5	10.0	9.8	9.4	10.2	9.6	9.5	9.1
	2027	45,227	1.6%	42,676	1.4%	10.7	10.1	10.0	9.5	10.4	9.8	9.7	9.2
	2028	46,027	1.8%	43,289	1.4%	10.9	10.3	10.1	9.6	10.5	9.9	9.8	9.3
	2029	46,583	1.2%	43,663	0.9%	11.0	10.4	10.2	9.7	10.7	10.1	9.9	9.4
	2030	47,289	1.5%	44,151	1.1%	11.2	10.6	10.3	9.9	10.8	10.2	10.0	9.5
	2031	48,036	1.6%	44,674	1.2%	11.4	10.8	10.5	10.0	11.0	10.4	10.1	9.6
	2032	48,890	1.8%	45,277	1.3%	11.5	10.9	10.6	10.1	11.2	10.5	10.2	9.7
	2033	49,470	1.2%	45,640	0.8%	11.7	11.1	10.7	10.2	11.3	10.7	10.3	9.8
	2034	50,166	1.4%	46,085	1.0%	11.9	11.2	10.8	10.3	11.5	10.8	10.4	9.9
	2035	50,859	1.4%	46,517	0.9%	12.0	11.4	10.9	10.4	11.6	11.0	10.5	10.0
	2036	51,650	1.6%	47,028	1.1%	12.2	11.5	11.0	10.5	11.8	11.1	10.6	10.1
	2037	52,123	0.9%	47,280	0.5%	12.3	11.7	11.1	10.5	11.9	11.2	10.7	10.2
	2038	52,745	1.2%	47,655	0.8%	12.5	11.8	11.2	10.6	12.1	11.4	10.8	10.2
	2039	53,405	1.3%	48,052	0.8%	12.6	11.9	11.3	10.7	12.2	11.5	10.9	10.3
	2040	54,212	1.5%			12.8	12.1			12.4	11.7		
CAGR[1]	Historical		2.2%		2.4%	0.0%	2.9%	0.4%	2.8%	-1.1%	4.0%	-3.3%	5.4%
	1st 10 Prj Yrs		1.5%		1.4%	1.6%	1.5%	1.5%	1.4%	1.6%	1.5%	1.5%	1.4%
	2nd 10 Prj Yrs		1.4%		0.9%	1.3%	1.3%	1.0%	0.9%	1.3%	1.3%	1.0%	0.9%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Newberry

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	33,524	-	32,084	-	-4.3%	8.1	-	8.2	-	1.1%	7.2	-	6.1		-14.3%
	2012	31,688	-5.5%	32,251	0.5%	1.8%	7.8	-3.3%	8.2	0.1%	4.7%	6.3	-12.3%	6.9	12.1%	9.6%
	2013	32,137	1.4%	32,416	0.5%	0.9%	7.4	-5.2%	7.3	-10.2%	-0.9%	7.3	16.3%	7.5	8.4%	2.1%
	2014	34,298	6.7%	34,547	6.6%	0.7%	7.6	2.6%	8.3	13.2%	9.4%	7.8	7.3%	8.0	7.5%	2.3%
	2015	36,047	5.1%	35,368	2.4%	-1.9%	8.7	14.2%	7.9	-4.5%	-8.5%	7.8	-0.2%	8.2	2.3%	4.9%
	2016	36,935	2.5%	36,234	2.4%	-1.9%	6.3	-27.3%	8.3	4.2%	31.2%	8.4	7.7%	8.3	1.6%	-1.1%
	2017	35,911	-2.8%	36,605	1.0%	1.9%	5.5	-12.0%	7.9	-4.2%	42.9%	8.2	-2.4%	8.6	2.5%	3.9%
	2018	38,376	6.9%	37,031	1.2%	-3.5%	10.0	79.9%	9.5	19.7%	-4.9%	7.9	-3.9%	7.7	-10.1%	-2.9%
	2019	40,582	5.8%	39,348	6.3%	-3.0%	6.2	-38.0%	10.4	9.9%	68.5%	9.1	14.5%	9.1	18.6%	0.6%
	2020	40,937	0.9%	41,323	5.0%	0.9%	7.2	15.7%	10.2	-2.3%	42.2%	8.6	-5.2%	10.0	9.4%	16.1%
Projected	2021	41,287	0.9%	41,287	-0.1%		9.4	31.4%	9.4	-7.6%		8.9	3.9%	8.9	-10.5%	
	2022			41,846	1.4%				9.6	2.1%				9.0	1.3%	
	2023			42,496	1.6%				9.8	1.9%				9.2	1.3%	
	2024			43,122	1.5%				9.9	1.3%				9.3	1.2%	
	2025			43,569	1.0%				10.0	1.3%				9.4	1.3%	
	2026			44,178	1.4%				10.2	1.5%				9.5	1.4%	
	2027			44,812	1.4%				10.4	1.6%				9.7	1.4%	
	2028			45,534	1.6%				10.5	1.5%				9.8	1.3%	
	2029			46,011	1.0%				10.7	1.4%				9.9	1.3%	
	2030			46,634	1.4%				10.8	1.5%				10.1	1.4%	
	2031			47,323	1.5%				11.0	1.6%				10.2	1.4%	
	2032			48,117	1.7%				11.2	1.6%				10.3	1.4%	
	2033			48,638	1.1%				11.3	1.4%				10.5	1.3%	
	2034			49,281	1.3%				11.5	1.4%				10.6	1.3%	
	2035			49,913	1.3%				11.6	1.4%				10.7	1.2%	
	2036			50,636	1.4%				11.8	1.4%				10.9	1.1%	
	2037			51,052	0.8%				11.9	1.1%				11.0	1.1%	
	2038			51,601	1.1%				12.1	1.2%				11.1	1.1%	
	2039			52,215	1.2%				12.2	1.3%				11.2	1.2%	
	2040			52,958	1.4%				12.4	1.3%				11.4	1.1%	
CAGR [3]	2011-2020		2.2%		2.9%			-1.3%		2.5%			2.0%		5.5%	
	2021-2030				1.4%					1.6%					1.3%	
	2031-2040				1.3%					1.3%					1.2%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Newberry

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	33,524	-	32,084	-	-4.3%	8.7	-	44.1%	7.5	-	51.2%
	2012	31,688	-5.5%	32,251	0.5%	1.8%	7.8	-10.2%	46.4%	7.5	-0.1%	48.5%
	2013	32,137	1.4%	32,416	0.5%	0.9%	7.4	-5.2%	49.6%	7.5	1.0%	48.7%
	2014	34,298	6.7%	34,547	6.6%	0.7%	7.7	3.8%	51.0%	7.8	4.1%	49.9%
	2015	36,047	5.1%	35,368	2.4%	-1.9%	8.8	15.1%	46.5%	8.5	7.9%	48.6%
	2016	36,935	2.5%	36,234	2.4%	-1.9%	8.6	-3.3%	49.3%	8.5	0.4%	49.6%
	2017	35,911	-2.8%	36,605	1.0%	1.9%	7.8	-8.2%	52.2%	8.3	-1.8%	49.2%
	2018	38,376	6.9%	37,031	1.2%	-3.5%	10.2	29.3%	43.2%	8.6	3.7%	50.7%
	2019	40,582	5.8%	39,348	6.3%	-3.0%	9.0	-11.4%	51.5%	9.3	7.7%	49.7%
	2020	40,937	0.9%	41,323	5.0%	0.9%	8.7	-3.6%	53.9%	9.7	3.7%	48.3%
Projected	2021	41,287	0.9%	41,287	-0.1%		9.7	11.9%	48.6%	9.3	-4.2%	50.9%
	2022	41,846	1.4%	41,846	1.4%		9.9	2.1%	48.2%	9.4	1.3%	50.9%
	2023	42,496	1.6%	42,496	1.6%		10.1	1.9%	48.1%	9.5	1.3%	51.0%
	2024	43,122	1.5%	43,122	1.5%		10.2	1.3%	48.1%	9.6	1.2%	51.2%
	2025	43,569	1.0%	43,569	1.0%		10.4	1.3%	48.0%	9.8	1.3%	51.0%
	2026	44,178	1.4%	44,178	1.4%		10.5	1.5%	47.9%	9.9	1.4%	51.0%
	2027	44,812	1.4%	44,812	1.4%		10.7	1.6%	47.8%	10.0	1.4%	51.0%
	2028	45,534	1.6%	45,534	1.6%		10.9	1.5%	47.9%	10.2	1.3%	51.2%
	2029	46,011	1.0%	46,011	1.0%		11.0	1.4%	47.7%	10.3	1.3%	51.0%
	2030	46,634	1.4%	46,634	1.4%		11.2	1.5%	47.6%	10.4	1.4%	51.0%
	2031	47,323	1.5%	47,323	1.5%		11.4	1.6%	47.6%	10.6	1.5%	51.0%
	2032	48,117	1.7%	48,117	1.7%		11.5	1.6%	47.6%	10.7	1.4%	51.2%
	2033	48,638	1.1%	48,638	1.1%		11.7	1.4%	47.5%	10.9	1.3%	51.1%
	2034	49,281	1.3%	49,281	1.3%		11.9	1.4%	47.4%	11.0	1.3%	51.1%
	2035	49,913	1.3%	49,913	1.3%		12.0	1.4%	47.4%	11.2	1.3%	51.1%
	2036	50,636	1.4%	50,636	1.4%		12.2	1.4%	47.4%	11.3	1.1%	51.2%
	2037	51,052	0.8%	51,052	0.8%		12.3	1.1%	47.3%	11.4	1.1%	51.1%
	2038	51,601	1.1%	51,601	1.1%		12.5	1.2%	47.2%	11.5	1.1%	51.1%
	2039	52,215	1.2%	52,215	1.2%		12.6	1.3%	47.2%	11.7	1.2%	51.1%
	2040	52,958	1.4%	52,958	1.4%		12.8	1.3%	47.3%	11.8	1.1%	51.2%
CAGR [1]	2011-2020		2.2%		2.9%			0.0%	48.8%		2.9%	49.4%
	2021-2030		1.4%		1.4%			1.6%	48.0%		1.3%	51.0%
	2031-2040		1.3%		1.3%			1.3%	47.4%		1.2%	51.1%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Newberry

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	2,960	2,245	2,176	2,413	2,857	3,181	3,271	3,504	2,955	2,340	2,175	2,329	32,406	33,524
	2012	2,569	2,171	2,332	2,332	2,953	2,962	3,353	3,189	2,984	2,572	2,265	2,493	32,174	31,688
	2013	2,407	2,262	2,495	2,376	2,679	3,081	3,095	3,356	3,058	2,657	2,320	2,522	32,307	32,137
	2014	3,221	2,382	2,417	2,405	2,886	3,194	3,481	3,610	3,202	2,712	2,623	2,707	34,842	34,298
	2015	2,928	2,754	2,516	2,685	3,204	3,500	3,625	3,597	3,195	2,744	2,572	2,588	35,908	36,047
	2016	3,070	2,706	2,562	2,634	3,207	3,677	3,920	3,836	3,417	2,864	2,449	2,612	36,956	36,935
	2017	2,723	2,286	2,601	2,795	3,315	3,300	3,702	3,873	3,389	3,134	2,479	2,932	36,530	35,911
	2018	3,771	2,480	2,619	2,585	3,231	3,677	3,731	3,850	3,888	3,392	2,833	3,130	39,187	38,376
	2019	3,360	2,543	2,764	2,831	3,820	3,826	3,969	4,151	3,963	3,447	2,746	2,933	40,354	40,582
	2020	3,142	2,826	3,147	3,007	3,422	3,858	4,206	4,302	3,900	3,477	2,904	3,244	41,435	40,937
Projected	2021	3,256	2,917	2,959	3,091	3,657	3,946	3,997	4,048	3,790	3,470	2,915	3,310	41,357	41,287
	2022	3,318	2,982	2,979	3,140	3,745	3,956	4,067	4,142	3,822	3,537	2,959	3,372	42,019	41,846
	2023	3,377	3,037	3,023	3,188	3,805	4,004	4,124	4,202	3,867	3,583	2,994	3,415	42,620	42,496
	2024	3,420	3,188	3,056	3,229	3,851	4,048	4,175	4,253	3,911	3,630	3,031	3,458	43,249	43,122
	2025	3,463	3,116	3,094	3,271	3,901	4,101	4,230	4,310	3,963	3,678	3,071	3,507	43,706	43,569
	2026	3,513	3,161	3,136	3,316	3,956	4,159	4,290	4,371	4,020	3,731	3,115	3,561	44,329	44,178
	2027	3,566	3,209	3,180	3,363	4,013	4,217	4,350	4,432	4,075	3,783	3,157	3,611	44,955	44,812
	2028	3,617	3,375	3,222	3,408	4,066	4,273	4,407	4,490	4,127	3,832	3,197	3,661	45,674	45,534
	2029	3,667	3,300	3,263	3,452	4,120	4,328	4,463	4,548	4,181	3,882	3,238	3,711	46,151	46,011
	2030	3,717	3,346	3,306	3,498	4,176	4,387	4,524	4,611	4,238	3,939	3,285	3,769	46,797	46,634
Projected	2031	3,775	3,397	3,354	3,549	4,238	4,451	4,590	4,677	4,299	3,996	3,331	3,824	47,481	47,323
	2032	3,830	3,574	3,400	3,599	4,297	4,512	4,653	4,742	4,358	4,051	3,377	3,878	48,272	48,117
	2033	3,884	3,496	3,445	3,647	4,355	4,572	4,714	4,804	4,415	4,105	3,421	3,931	48,788	48,638
	2034	3,937	3,543	3,490	3,695	4,412	4,632	4,776	4,867	4,472	4,158	3,465	3,984	49,432	49,281
	2035	3,989	3,591	3,534	3,742	4,468	4,690	4,835	4,927	4,527	4,209	3,507	4,034	50,057	49,913
	2036	4,040	3,770	3,576	3,786	4,520	4,744	4,890	4,982	4,577	4,257	3,546	4,080	50,768	50,636
	2037	4,085	3,677	3,614	3,827	4,569	4,795	4,941	5,035	4,626	4,301	3,582	4,125	51,178	51,052
	2038	4,130	3,718	3,652	3,868	4,618	4,847	4,994	5,090	4,676	4,352	3,624	4,175	51,744	51,601
	2039	4,180	3,764	3,695	3,914	4,672	4,904	5,053	5,150	4,731	4,403	3,666	4,225	52,357	52,215
	2040	4,230	3,950	3,737	3,959	4,726	4,960	5,110	5,208	4,784	4,453	3,707	4,275	53,100	52,958

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	9.1%	6.9%	6.7%	7.4%	8.8%	9.8%	10.1%	10.8%	9.1%	7.2%	6.7%	7.2%	100.0%
	2012	8.0%	6.7%	7.2%	7.2%	9.2%	9.2%	10.4%	9.9%	9.3%	8.0%	7.0%	7.7%	100.0%
	2013	7.5%	7.0%	7.7%	7.4%	8.3%	9.5%	9.6%	10.4%	9.5%	8.2%	7.2%	7.8%	100.0%
	2014	9.2%	6.8%	6.9%	6.9%	8.3%	9.2%	10.0%	10.4%	9.2%	7.8%	7.5%	7.8%	100.0%
	2015	8.2%	7.7%	7.0%	7.5%	8.9%	9.7%	10.1%	10.0%	8.9%	7.6%	7.2%	7.2%	100.0%
	2016	8.3%	7.3%	6.9%	7.1%	8.7%	10.0%	10.6%	10.4%	9.2%	7.7%	6.6%	7.1%	100.0%
	2017	7.5%	6.3%	7.1%	7.7%	9.1%	9.0%	10.1%	10.6%	9.3%	8.6%	6.8%	8.0%	100.0%
	2018	9.6%	6.3%	6.7%	6.6%	8.2%	9.4%	9.5%	9.8%	9.9%	8.7%	7.2%	8.0%	100.0%
	2019	8.3%	6.3%	6.8%	7.0%	9.5%	9.5%	9.8%	10.3%	9.8%	8.5%	6.8%	7.3%	100.0%
	2020	7.6%	6.8%	7.6%	7.3%	8.3%	9.3%	10.2%	10.4%	9.4%	8.4%	7.0%	7.8%	100.0%
Projected	2021	7.9%	7.1%	7.2%	7.5%	8.8%	9.5%	9.7%	9.8%	9.2%	8.4%	7.0%	8.0%	100.0%
	2022	7.9%	7.1%	7.1%	7.5%	8.9%	9.4%	9.7%	9.9%	9.1%	8.4%	7.0%	8.0%	100.0%
	2023	7.9%	7.1%	7.1%	7.5%	8.9%	9.4%	9.7%	9.9%	9.1%	8.4%	7.0%	8.0%	100.0%
	2024	7.9%	7.4%	7.1%	7.5%	8.9%	9.4%	9.7%	9.8%	9.0%	8.4%	7.0%	8.0%	100.0%
	2025	7.9%	7.1%	7.1%	7.5%	8.9%	9.4%	9.7%	9.9%	9.1%	8.4%	7.0%	8.0%	100.0%
	2026	7.9%	7.1%	7.1%	7.5%	8.9%	9.4%	9.7%	9.9%	9.1%	8.4%	7.0%	8.0%	100.0%
	2027	7.9%	7.1%	7.1%	7.5%	8.9%	9.4%	9.7%	9.9%	9.1%	8.4%	7.0%	8.0%	100.0%
	2028	7.9%	7.4%	7.1%	7.5%	8.9%	9.4%	9.6%	9.8%	9.0%	8.4%	7.0%	8.0%	100.0%
	2029	7.9%	7.1%	7.1%	7.5%	8.9%	9.4%	9.7%	9.9%	9.1%	8.4%	7.0%	8.0%	100.0%
	2030	7.9%	7.2%	7.1%	7.5%	8.9%	9.4%	9.7%	9.9%	9.1%	8.4%	7.0%	8.1%	100.0%
Avg.	2011-2020	8.3%	6.8%	7.1%	7.2%	8.7%	9.5%	10.0%	10.3%	9.4%	8.1%	7.0%	7.6%	100.0%
	2021-2030	7.9%	7.2%	7.1%	7.5%	8.9%	9.4%	9.7%	9.8%	9.1%	8.4%	7.0%	8.0%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Mild Weather Case

Newberry

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	8.7	6.7	4.4	6.1	6.9	7.4	7.2	7.5	6.7	5.2	5.0	5.6	8.7	7.5
	2012	7.8	7.7	5.3	6.2	6.8	7.0	7.5	7.1	6.7	6.2	6.2	6.4	7.8	7.5
	2013	6.0	7.3	7.4	5.6	6.5	7.1	7.1	7.5	7.2	6.3	6.2	6.4	7.4	7.5
	2014	7.7	7.1	5.8	5.9	6.7	7.4	7.5	7.8	7.4	6.4	8.4	6.7	7.7	7.8
	2015	7.3	8.8	5.4	6.2	7.4	8.5	8.1	7.8	7.5	6.9	6.5	5.4	8.8	8.5
	2016	8.6	8.2	5.7	7.1	7.1	8.2	8.4	8.5	7.6	6.9	5.9	6.0	8.6	8.5
	2017	7.8	5.7	7.4	7.4	7.6	7.8	8.1	8.3	7.7	7.4	5.4	8.2	7.8	8.3
	2018	10.2	5.9	6.6	5.9	7.4	8.5	8.3	8.4	8.6	8.1	7.0	8.1	10.2	8.6
	2019	9.0	7.0	7.6	7.1	9.3	9.2	9.3	9.0	8.9	7.8	6.2	7.8	9.0	9.3
	2020	8.7	7.7	7.3	7.5	8.5	9.2	9.4	9.7	9.7	8.1	6.8	7.8	8.7	9.7
Projected	2021	9.7	9.0	7.3	7.2	8.3	8.8	9.0	9.3	8.6	7.8	6.9	7.9	9.7	9.3
	2022	9.9	9.1	7.5	7.3	8.4	9.0	9.1	9.4	8.7	7.9	7.0	8.1	9.9	9.4
	2023	10.1	9.3	7.6	7.4	8.5	9.1	9.3	9.5	8.8	8.0	7.1	8.2	10.1	9.5
	2024	10.2	9.4	7.7	7.5	8.6	9.2	9.4	9.6	9.0	8.1	7.2	8.3	10.2	9.6
	2025	10.4	9.6	7.8	7.6	8.7	9.3	9.5	9.8	9.1	8.2	7.3	8.4	10.4	9.8
	2026	10.5	9.7	7.9	7.7	8.8	9.4	9.6	9.9	9.2	8.3	7.4	8.6	10.5	9.9
	2027	10.7	9.9	8.1	7.8	9.0	9.6	9.8	10.0	9.3	8.4	7.6	8.7	10.7	10.0
	2028	10.9	10.0	8.2	7.9	9.1	9.7	9.9	10.2	9.5	8.6	7.7	8.8	10.9	10.2
	2029	11.0	10.2	8.3	8.0	9.2	9.8	10.0	10.3	9.6	8.7	7.8	9.0	11.0	10.3
	2030	11.2	10.3	8.4	8.1	9.3	10.0	10.2	10.4	9.7	8.8	7.9	9.1	11.2	10.4
Projected	2031	11.4	10.5	8.6	8.3	9.5	10.1	10.3	10.6	9.8	8.9	8.0	9.2	11.4	10.6
	2032	11.5	10.6	8.7	8.4	9.6	10.2	10.4	10.7	10.0	9.1	8.1	9.4	11.5	10.7
	2033	11.7	10.8	8.8	8.5	9.8	10.4	10.6	10.9	10.1	9.2	8.3	9.5	11.7	10.9
	2034	11.9	11.0	8.9	8.6	9.9	10.5	10.7	11.0	10.2	9.3	8.4	9.6	11.9	11.0
	2035	12.0	11.1	9.1	8.7	10.0	10.6	10.9	11.2	10.4	9.4	8.5	9.8	12.0	11.2
	2036	12.2	11.3	9.2	8.8	10.1	10.8	11.0	11.3	10.5	9.5	8.6	9.9	12.2	11.3
	2037	12.3	11.4	9.3	8.9	10.2	10.9	11.1	11.4	10.6	9.7	8.7	10.0	12.3	11.4
	2038	12.5	11.5	9.4	9.0	10.4	11.0	11.2	11.5	10.7	9.8	8.8	10.1	12.5	11.5
	2039	12.6	11.7	9.5	9.1	10.5	11.1	11.3	11.7	10.8	9.9	8.9	10.2	12.6	11.7
	2040	12.8	11.8	9.6	9.2	10.6	11.2	11.5	11.8	11.0	10.0	9.0	10.4	12.8	11.8

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	45.8%	50.1%	66.0%	54.8%	55.7%	59.9%	61.1%	63.0%	61.4%	60.9%	60.8%	56.1%	42.6%	51.2%
	2012	44.3%	40.6%	59.3%	52.6%	58.4%	58.8%	60.4%	60.4%	61.5%	55.6%	50.9%	52.7%	47.1%	48.5%
	2013	53.6%	45.9%	45.3%	58.7%	55.7%	59.9%	58.8%	59.9%	59.1%	56.5%	51.8%	53.2%	49.9%	48.7%
	2014	56.4%	49.6%	55.5%	56.3%	58.3%	59.6%	62.0%	61.9%	59.9%	57.2%	43.2%	54.2%	51.8%	49.9%
	2015	54.1%	46.4%	62.6%	59.8%	58.4%	57.4%	60.4%	62.2%	59.3%	53.5%	55.3%	64.6%	46.4%	48.6%
	2016	48.3%	47.5%	60.6%	51.7%	60.7%	62.4%	62.5%	60.7%	62.2%	55.9%	57.3%	59.0%	49.3%	49.6%
	2017	46.6%	59.2%	47.5%	52.4%	58.4%	58.8%	61.5%	62.4%	61.1%	57.1%	63.7%	48.0%	53.1%	49.2%
	2018	49.9%	62.5%	53.0%	61.0%	58.9%	60.0%	60.6%	61.3%	62.4%	56.0%	56.3%	51.7%	44.1%	50.7%
	2019	50.2%	53.7%	48.8%	55.4%	55.4%	57.8%	57.3%	61.7%	62.0%	59.2%	61.8%	50.4%	51.2%	49.7%
	2020	48.7%	52.9%	58.1%	55.7%	54.0%	58.4%	60.0%	59.8%	56.0%	57.7%	59.7%	56.1%	54.5%	48.3%
Projected	2021	45.1%	48.5%	54.4%	59.7%	59.6%	62.0%	59.6%	58.7%	61.0%	60.0%	58.7%	56.0%	48.7%	50.9%
	2022	45.0%	48.5%	53.6%	59.9%	60.2%	61.4%	59.8%	59.3%	60.8%	60.3%	58.4%	56.0%	48.4%	50.9%
	2023	45.0%	48.5%	53.4%	60.0%	60.3%	61.3%	59.9%	59.4%	60.7%	60.3%	58.4%	56.0%	48.2%	51.0%
	2024	44.9%	48.5%	53.3%	60.0%	60.3%	61.3%	59.9%	59.4%	60.7%	60.3%	58.3%	56.0%	48.3%	51.2%
	2025	44.9%	48.4%	53.2%	59.9%	60.3%	61.2%	59.9%	59.4%	60.7%	60.3%	58.2%	55.9%	48.1%	51.0%
	2026	44.9%	48.4%	53.1%	59.9%	60.2%	61.2%	59.9%	59.4%	60.7%	60.3%	58.1%	55.9%	48.1%	51.0%
	2027	44.8%	48.4%	53.0%	59.9%	60.2%	61.2%	59.9%	59.4%	60.7%	60.2%	58.0%	55.8%	48.0%	51.0%
	2028	44.8%	48.4%	52.9%	59.8%	60.2%	61.2%	59.9%	59.4%	60.7%	60.2%	57.9%	55.8%	48.0%	51.2%
	2029	44.7%	48.3%	52.8%	59.8%	60.1%	61.2%	59.9%	59.4%	60.7%	60.1%	57.8%	55.7%	47.8%	51.0%
	2030	44.7%	48.3%	52.7%	59.7%	60.1%	61.2%	59.9%	59.4%	60.7%	60.1%	57.7%	55.7%	47.8%	51.0%
Avg.	2011-2020	49.8%	50.8%	55.7%	55.8%	57.4%	59.3%	60.5%	61.3%	60.5%	56.9%	56.1%	54.6%	49.0%	49.4%
	2021-2030	44.9%	48.4%	53.3%	59.8%	60.1%	61.3%	59.9%	59.3%	60.7%	60.2%	58.1%	55.9%	48.1%	51.0%

FMPA 2021 Load Forecast - Mild Weather Case

Newberry

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	8.0	6.6	3.8	6.1	6.6	7.2	6.5	7.2	6.5	5.1	4.3	4.1	8.1	7.2
	2012	7.8	7.7	5.0	4.7	6.8	6.9	6.3	6.1	6.5	5.8	4.2	6.4	7.8	6.3
	2013	6.0	7.3	7.4	5.6	6.2	6.7	6.9	7.3	7.2	6.1	4.3	4.2	7.4	7.3
	2014	7.6	7.1	4.2	5.9	6.7	6.7	7.3	7.8	6.1	6.1	8.3	6.5	7.6	7.8
	2015	7.1	8.7	5.0	6.0	7.2	7.8	7.2	7.7	7.2	6.8	6.3	4.7	8.7	7.8
	2016	7.9	8.0	5.7	7.1	6.7	8.2	8.4	8.5	7.1	5.8	5.3	5.1	6.3	8.4
	2017	7.8	5.0	5.5	7.4	7.2	7.4	8.1	8.2	5.6	7.2	5.0	8.2	5.5	8.2
	2018	10.0	5.5	4.6	4.3	7.3	6.9	8.0	7.9	7.6	8.1	6.2	8.1	10.0	7.9
	2019	8.0	5.8	5.3	7.0	9.2	9.1	8.5	8.5	8.6	7.2	6.1	4.9	6.2	9.1
	2020	8.7	5.2	7.2	7.5	8.4	8.6	9.0	9.1	9.7	7.7	5.8	6.7	7.2	8.6
Projected	2021	9.4	8.3	6.3	6.8	8.0	8.3	8.6	8.9	8.0	7.4	5.9	6.8	9.4	8.9
	2022	9.6	8.5	6.4	6.9	8.2	8.4	8.7	9.0	8.1	7.5	6.1	7.0	9.6	9.0
	2023	9.8	8.6	6.5	7.0	8.3	8.5	8.8	9.2	8.2	7.6	6.1	7.1	9.8	9.2
	2024	9.9	8.7	6.6	7.1	8.4	8.6	8.9	9.3	8.3	7.7	6.2	7.2	9.9	9.3
	2025	10.0	8.8	6.7	7.1	8.5	8.7	9.0	9.4	8.4	7.8	6.3	7.3	10.0	9.4
	2026	10.2	9.0	6.8	7.3	8.6	8.9	9.1	9.5	8.5	7.9	6.4	7.4	10.2	9.5
	2027	10.4	9.1	6.9	7.4	8.7	9.0	9.3	9.7	8.6	8.0	6.5	7.5	10.4	9.7
	2028	10.5	9.3	7.0	7.5	8.9	9.1	9.4	9.8	8.7	8.1	6.6	7.6	10.5	9.8
	2029	10.7	9.4	7.1	7.6	9.0	9.2	9.5	9.9	8.8	8.2	6.7	7.7	10.7	9.9
	2030	10.8	9.5	7.2	7.7	9.1	9.4	9.6	10.1	8.9	8.3	6.8	7.8	10.8	10.1
Projected	2031	11.0	9.7	7.3	7.8	9.2	9.5	9.8	10.2	9.1	8.5	6.9	8.0	11.0	10.2
	2032	11.2	9.8	7.4	7.9	9.4	9.6	9.9	10.3	9.2	8.6	7.0	8.1	11.2	10.3
	2033	11.3	10.0	7.5	8.0	9.5	9.7	10.0	10.5	9.3	8.7	7.1	8.2	11.3	10.5
	2034	11.5	10.1	7.7	8.1	9.6	9.9	10.2	10.6	9.4	8.8	7.2	8.3	11.5	10.6
	2035	11.6	10.3	7.8	8.2	9.8	10.0	10.3	10.7	9.6	8.9	7.3	8.4	11.6	10.7
	2036	11.8	10.4	7.9	8.3	9.9	10.1	10.4	10.9	9.7	9.0	7.4	8.5	11.8	10.9
	2037	11.9	10.5	8.0	8.4	10.0	10.2	10.5	11.0	9.8	9.1	7.5	8.6	11.9	11.0
	2038	12.1	10.6	8.0	8.5	10.1	10.3	10.6	11.1	9.9	9.2	7.6	8.7	12.1	11.1
	2039	12.2	10.8	8.1	8.6	10.2	10.4	10.8	11.2	10.0	9.4	7.7	8.8	12.2	11.2
	2040	12.4	10.9	8.3	8.7	10.3	10.6	10.9	11.4	10.1	9.5	7.8	8.9	12.4	11.4

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	92.1%	99.4%	85.5%	100.0%	96.1%	97.0%	90.8%	95.9%	97.0%	99.5%	86.6%	74.2%	92.9%	95.9%
	2012	100.0%	100.0%	94.4%	76.9%	99.5%	99.2%	84.3%	86.5%	96.3%	93.7%	67.8%	100.0%	100.0%	84.3%
	2013	100.0%	100.0%	100.0%	99.0%	96.3%	93.7%	98.1%	97.1%	99.8%	95.7%	69.1%	65.5%	100.0%	97.1%
	2014	98.8%	99.2%	71.5%	99.3%	100.0%	89.9%	96.9%	100.0%	82.3%	96.2%	97.9%	97.4%	98.8%	100.0%
	2015	98.2%	98.0%	93.1%	96.4%	97.9%	92.5%	89.3%	98.9%	96.4%	99.1%	97.5%	87.8%	98.0%	92.5%
	2016	92.0%	97.8%	100.0%	99.7%	93.8%	99.9%	100.0%	100.0%	92.8%	83.9%	90.0%	85.8%	73.6%	99.3%
	2017	99.9%	86.5%	75.2%	100.0%	93.9%	95.1%	100.0%	98.8%	72.9%	98.2%	91.9%	100.0%	70.6%	98.8%
	2018	98.2%	93.9%	69.1%	73.7%	99.4%	81.1%	96.8%	93.8%	88.2%	100.0%	88.3%	100.0%	98.2%	91.5%
	2019	88.9%	82.4%	69.1%	98.8%	99.0%	98.6%	91.4%	94.4%	97.1%	91.4%	98.4%	62.0%	68.7%	97.2%
	2020	100.0%	67.3%	98.2%	99.4%	98.9%	93.7%	95.5%	93.8%	100.0%	94.8%	86.2%	86.1%	82.5%	88.9%
Projected	2021	96.8%	92.5%	85.6%	94.3%	97.5%	94.1%	95.0%	96.4%	92.3%	94.8%	86.2%	86.1%	96.8%	96.4%
	2022	96.8%	92.5%	85.6%	94.3%	97.5%	94.1%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2023	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2024	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2025	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2026	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2027	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2028	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2029	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2030	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.1%	94.7%	86.2%	86.1%	96.8%	96.4%
	2011-2020	96.8%	92.5%	85.6%	94.3%	97.5%	94.1%	94.3%	95.9%	92.3%	95.2%	87.4%	85.9%	88.3%	94.6%
	2021-2030	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%

FMPA 2021 Load Forecast - Mild Weather Case - Newberry

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service						City		Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	16,499		1,232		13,394		13,820		233		59.3		1,977		0		32,296		1,228	3.7%	33,524	
	2012	15,357	-6.9%	1,257	2.1%	12,216	-8.8%	13,223	-4.3%	240	2.8%	55.2	-6.9%	2,129	7.7%	0		30,709	-4.9%	979	3.1%	31,688	-5.5%
	2013	16,052	4.5%	1,319	4.9%	12,170	-0.4%	12,539	-5.2%	244	1.9%	51.4	-7.0%	1,995	-6.3%	0		30,586	-0.4%	1,551	4.8%	32,137	1.4%
	2014	17,133	6.7%	1,375	4.3%	12,459	2.4%	13,314	6.2%	242	-1.1%	55.1	7.3%	1,867	-6.4%	0		32,314	5.6%	1,984	5.8%	34,298	6.7%
	2015	18,341	7.1%	1,405	2.2%	13,056	4.8%	13,804	3.7%	240	-0.7%	57.5	4.4%	1,868	0.1%	0		34,013	5.3%	2,034	5.6%	36,047	5.1%
	2016	18,729	2.1%	1,455	3.5%	12,875	-1.4%	13,821	0.1%	238	-0.9%	58.1	1.0%	1,862	-0.3%	0		34,412	1.2%	2,523	6.8%	36,935	2.5%
	2017	18,965	1.3%	1,493	2.6%	12,705	-1.3%	14,093	2.0%	244	2.5%	57.8	-0.5%	1,770	-4.9%	583		35,411	2.9%	499	1.4%	35,911	-2.8%
	2018	19,648	3.6%	1,563	4.7%	12,573	-1.0%	14,700	4.3%	249	2.0%	59.1	2.2%	1,704	-3.7%	583	0.0%	36,635	3.5%	1,740	4.5%	38,376	6.9%
	2019	21,111	7.4%	1,643	5.2%	12,848	2.2%	15,161	3.1%	249	0.1%	60.9	3.0%	1,701	-0.2%	583	0.0%	38,556	5.2%	2,026	5.0%	40,582	5.8%
	2020	21,994	4.2%	1,746	6.3%	12,596	-2.0%	14,732	-2.8%	252	1.4%	58.4	-4.2%	1,601	-5.9%	583	0.0%	38,910	0.9%	2,026	5.0%	40,937	0.9%
Projected	2021	22,080	0.4%	1,833	5.0%	12,043	-4.4%	15,050	2.2%	256	1.5%	58.7	0.6%	1,649	3.0%	583	0.0%	39,362	1.2%	2,012	4.9%	41,374	1.1%
	2022	22,357	1.3%	1,883	2.7%	11,872	-1.4%	15,309	1.7%	257	0.5%	59.5	1.3%	1,685	2.2%	583	0.0%	39,934	1.5%	2,042	4.9%	41,976	1.5%
	2023	22,692	1.5%	1,930	2.5%	11,755	-1.0%	15,598	1.9%	259	0.7%	60.2	1.2%	1,721	2.1%	583	0.0%	40,594	1.7%	2,076	4.9%	42,671	1.7%
	2024	22,907	0.9%	1,974	2.3%	11,602	-1.3%	15,880	1.8%	261	0.7%	60.9	1.1%	1,757	2.1%	583	0.0%	41,128	1.3%	2,218	5.1%	43,345	1.6%
	2025	23,178	1.2%	2,016	2.1%	11,496	-0.9%	16,155	1.7%	263	0.7%	61.4	1.0%	1,794	2.1%	583	0.0%	41,710	1.4%	2,133	4.9%	43,843	1.1%
	2026	23,511	1.4%	2,056	2.0%	11,436	-0.5%	16,429	1.7%	265	0.8%	62.0	0.9%	1,831	2.1%	583	0.0%	42,354	1.5%	2,166	4.9%	44,520	1.5%
	2027	23,874	1.5%	2,093	1.8%	11,405	-0.3%	16,701	1.7%	267	0.7%	62.6	0.9%	1,868	2.0%	583	0.0%	43,026	1.6%	2,201	4.9%	45,227	1.6%
	2028	24,211	1.4%	2,128	1.7%	11,377	-0.2%	16,973	1.6%	269	0.7%	63.1	0.9%	1,905	2.0%	583	0.0%	43,672	1.5%	2,355	5.1%	46,027	1.8%
	2029	24,545	1.4%	2,161	1.6%	11,356	-0.2%	17,246	1.6%	271	0.7%	63.7	0.9%	1,942	2.0%	583	0.0%	44,316	1.5%	2,267	4.9%	46,583	1.2%
	2030	24,905	1.5%	2,194	1.5%	11,353	0.0%	17,520	1.6%	273	0.7%	64.2	0.9%	1,980	2.0%	583	0.0%	44,988	1.5%	2,301	4.9%	47,289	1.5%
	2031	25,302	1.6%	2,224	1.4%	11,375	0.2%	17,795	1.6%	275	0.7%	64.8	0.8%	2,018	1.9%	583	0.0%	45,699	1.6%	2,337	4.9%	48,036	1.6%
	2032	25,679	1.5%	2,253	1.3%	11,399	0.2%	18,070	1.5%	277	0.7%	65.3	0.8%	2,056	1.9%	583	0.0%	46,389	1.5%	2,501	5.1%	48,890	1.8%
	2033	26,041	1.4%	2,279	1.1%	11,428	0.3%	18,344	1.5%	279	0.7%	65.9	0.8%	2,095	1.9%	583	0.0%	47,063	1.5%	2,407	4.9%	49,470	1.2%
	2034	26,391	1.3%	2,303	1.1%	11,460	0.3%	18,618	1.5%	280	0.7%	66.4	0.8%	2,133	1.8%	583	0.0%	47,725	1.4%	2,441	4.9%	50,166	1.4%
	2035	26,734	1.3%	2,326	1.0%	11,492	0.3%	18,894	1.5%	282	0.7%	66.9	0.8%	2,172	1.8%	583	0.0%	48,384	1.4%	2,475	4.9%	50,859	1.4%
	2036	27,041	1.1%	2,349	1.0%	11,511	0.2%	19,172	1.5%	284	0.7%	67.4	0.8%	2,211	1.8%	583	0.0%	49,008	1.3%	2,642	5.1%	51,650	1.6%
	2037	27,305	1.0%	2,370	0.9%	11,519	0.1%	19,448	1.4%	286	0.7%	68.0	0.8%	2,251	1.8%	583	0.0%	49,587	1.2%	2,536	4.9%	52,123	0.9%
	2038	27,581	1.0%	2,390	0.8%	11,539	0.2%	19,724	1.4%	288	0.6%	68.5	0.8%	2,290	1.8%	583	0.0%	50,179	1.2%	2,566	4.9%	52,745	1.2%
	2039	27,893	1.1%	2,409	0.8%	11,577	0.3%	20,001	1.4%	290	0.6%	69.0	0.8%	2,330	1.7%	583	0.0%	50,807	1.3%	2,598	4.9%	53,405	1.3%
	2040	28,206	1.1%	2,428	0.8%	11,615	0.3%	20,279	1.4%	292	0.6%	69.5	0.7%	2,370	1.7%	583	0.0%	51,439	1.2%	2,773	5.1%	54,212	1.5%
CAGR	2011-2020		3.2%		4.0%		-0.7%		0.7%		0.9%		-0.2%		-2.3%				2.1%		4.6%		2.2%
	2021-2030		1.3%		2.0%		-0.7%		1.7%		0.7%		1.0%		2.1%		0.0%		1.5%		4.9%		1.5%
	2031-2040		1.2%		1.0%		0.2%		1.5%		0.7%		0.8%		1.8%		0.0%		1.3%		4.9%		1.4%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - Severe Weather Case

Newberry

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	33,524	-	32,084	-	-4.3%	8.1	-	8.2	-	1.1%	7.2	-	6.1		-14.3%
	2012	31,688	-5.5%	32,251	0.5%	1.8%	7.8	-3.3%	8.2	0.1%	4.7%	6.3	-12.3%	6.9	12.1%	9.6%
	2013	32,137	1.4%	32,416	0.5%	0.9%	7.4	-5.2%	7.3	-10.2%	-0.9%	7.3	16.3%	7.5	8.4%	2.1%
	2014	34,298	6.7%	34,547	6.6%	0.7%	7.6	2.6%	8.3	13.2%	9.4%	7.8	7.3%	8.0	7.5%	2.3%
	2015	36,047	5.1%	35,368	2.4%	-1.9%	8.7	14.2%	7.9	-4.5%	-8.5%	7.8	-0.2%	8.2	2.3%	4.9%
	2016	36,935	2.5%	36,234	2.4%	-1.9%	6.3	-27.3%	8.3	4.2%	31.2%	8.4	7.7%	8.3	1.6%	-1.1%
	2017	35,911	-2.8%	36,605	1.0%	1.9%	5.5	-12.0%	7.9	-4.2%	42.9%	8.2	-2.4%	8.6	2.5%	3.9%
	2018	38,376	6.9%	37,031	1.2%	-3.5%	10.0	79.9%	9.5	19.7%	-4.9%	7.9	-3.9%	7.7	-10.1%	-2.9%
	2019	40,582	5.8%	39,348	6.3%	-3.0%	6.2	-38.0%	10.4	9.9%	68.5%	9.1	14.5%	9.1	18.6%	0.6%
	2020	40,937	0.9%	42,580	8.2%	4.0%	7.2	15.7%	10.2	-2.3%	42.2%	8.6	-5.2%	10.0	9.4%	16.1%
Projected	2021	45,455	11.0%	45,455	6.8%		11.4	59.8%	11.4	12.4%		10.0	16.0%	10.0	-0.1%	
	2022			46,294	1.8%				11.7	2.1%				10.1	1.4%	
	2023			47,059	1.7%				11.9	1.9%				10.3	1.4%	
	2024			47,806	1.6%				12.1	1.3%				10.4	1.3%	
	2025			48,331	1.1%				12.2	1.2%				10.5	1.4%	
	2026			49,073	1.5%				12.4	1.5%				10.7	1.6%	
	2027			49,851	1.6%				12.6	1.6%				10.9	1.6%	
	2028			50,747	1.8%				12.8	1.6%				11.0	1.5%	
	2029			51,340	1.2%				13.0	1.4%				11.2	1.5%	
	2030			52,116	1.5%				13.2	1.5%				11.4	1.6%	
	2031			52,940	1.6%				13.4	1.6%				11.5	1.6%	
	2032			53,899	1.8%				13.6	1.6%				11.7	1.5%	
	2033			54,518	1.1%				13.8	1.4%				11.9	1.4%	
	2034			55,283	1.4%				14.0	1.4%				12.0	1.4%	
	2035			56,044	1.4%				14.1	1.4%				12.2	1.4%	
	2036			56,930	1.6%				14.3	1.4%				12.4	1.2%	
	2037			57,423	0.9%				14.5	1.1%				12.5	1.2%	
	2038			58,101	1.2%				14.7	1.1%				12.7	1.2%	
	2039			58,823	1.2%				14.8	1.2%				12.8	1.2%	
	2040			59,727	1.5%				15.0	1.3%				13.0	1.2%	
CAGR [3]	2011-2020		2.2%		3.2%			-1.3%		2.5%			2.0%		5.5%	
	2021-2030				1.5%					1.6%					1.5%	
	2031-2040				1.3%					1.3%					1.3%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Newberry

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	33,524	-	33,524	-	8.7	7.5	8.7	7.5	8.1	7.2	8.1	7.2
	2012	31,688	-5.5%	31,688	-5.5%	7.8	7.5	7.8	7.5	7.8	6.3	7.8	6.3
	2013	32,137	1.4%	32,137	1.4%	7.4	7.5	7.4	7.5	7.4	7.3	7.4	7.3
	2014	34,298	6.7%	34,298	6.7%	7.7	7.8	7.7	7.8	7.6	7.8	7.6	7.8
	2015	36,047	5.1%	36,047	5.1%	8.8	8.5	8.8	8.5	8.7	7.8	8.7	7.8
	2016	36,935	2.5%	36,935	2.5%	8.6	8.5	8.6	8.5	6.3	8.4	6.3	8.4
	2017	35,911	-2.8%	35,911	-2.8%	7.8	8.3	7.8	8.3	5.5	8.2	5.5	8.2
	2018	38,376	6.9%	38,376	6.9%	10.2	8.6	10.2	8.6	10.0	7.9	10.0	7.9
	2019	40,582	5.8%	40,582	5.8%	9.0	9.3	9.0	9.3	6.2	9.1	6.2	9.1
	2020	40,937	0.9%	42,279	4.2%	8.7	9.7	10.8	9.6	7.2	8.6	10.5	9.2
Projected	2021	45,455	11.0%	42,936	1.6%	11.8	10.3	11.0	9.7	11.4	10.0	10.7	9.4
	2022	46,294	1.8%	43,646	1.7%	12.1	10.5	11.2	9.9	11.7	10.1	10.9	9.5
	2023	47,059	1.7%	44,322	1.5%	12.3	10.6	11.4	10.0	11.9	10.3	11.0	9.7
	2024	47,806	1.6%	45,086	1.7%	12.5	10.8	11.6	10.2	12.1	10.4	11.2	9.8
	2025	48,331	1.1%	45,611	1.2%	12.6	10.9	11.7	10.3	12.2	10.5	11.4	10.0
	2026	49,073	1.5%	46,254	1.4%	12.8	11.1	11.9	10.5	12.4	10.7	11.5	10.1
	2027	49,851	1.6%	46,880	1.4%	13.0	11.3	12.1	10.6	12.6	10.9	11.7	10.2
	2028	50,747	1.8%	47,558	1.4%	13.2	11.4	12.2	10.7	12.8	11.0	11.8	10.3
	2029	51,340	1.2%	47,945	0.8%	13.4	11.6	12.3	10.8	13.0	11.2	11.9	10.4
	2030	52,116	1.5%	48,472	1.1%	13.6	11.8	12.4	11.0	13.2	11.4	12.1	10.6
	2031	52,940	1.6%	49,041	1.2%	13.8	12.0	12.6	11.1	13.4	11.5	12.2	10.7
	2032	53,899	1.8%	49,711	1.4%	14.0	12.2	12.7	11.2	13.6	11.7	12.3	10.8
	2033	54,518	1.1%	50,091	0.8%	14.2	12.3	12.9	11.3	13.8	11.9	12.5	10.9
	2034	55,283	1.4%	50,573	1.0%	14.4	12.5	13.0	11.4	14.0	12.0	12.6	11.0
	2035	56,044	1.4%	51,042	0.9%	14.6	12.7	13.1	11.5	14.1	12.2	12.7	11.1
	2036	56,930	1.6%	51,609	1.1%	14.8	12.8	13.2	11.6	14.3	12.4	12.8	11.2
	2037	57,423	0.9%	51,860	0.5%	15.0	13.0	13.3	11.7	14.5	12.5	12.9	11.3
	2038	58,101	1.2%	52,262	0.8%	15.1	13.1	13.4	11.8	14.7	12.7	13.0	11.4
	2039	58,823	1.2%	52,694	0.8%	15.3	13.3	13.5	11.9	14.8	12.8	13.1	11.5
	2040	59,727	1.5%			15.5	13.5			15.0	13.0		
CAGR[1]	Historical		2.2%		2.4%	0.0%	2.9%	0.4%	2.8%	-1.1%	4.0%	-3.3%	5.4%
	1st 10 Prj Yrs		1.5%		1.4%	1.6%	1.5%	1.5%	1.4%	1.6%	1.5%	1.5%	1.4%
	2nd 10 Prj Yrs		1.3%		0.9%	1.3%	1.3%	0.9%	0.9%	1.3%	1.3%	0.9%	0.9%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Newberry

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	33,524	-	32,084	-	-4.3%	8.1	-	8.2	-	1.1%	7.2	-	6.1		-14.3%
	2012	31,688	-5.5%	32,251	0.5%	1.8%	7.8	-3.3%	8.2	0.1%	4.7%	6.3	-12.3%	6.9	12.1%	9.6%
	2013	32,137	1.4%	32,416	0.5%	0.9%	7.4	-5.2%	7.3	-10.2%	-0.9%	7.3	16.3%	7.5	8.4%	2.1%
	2014	34,298	6.7%	34,547	6.6%	0.7%	7.6	2.6%	8.3	13.2%	9.4%	7.8	7.3%	8.0	7.5%	2.3%
	2015	36,047	5.1%	35,368	2.4%	-1.9%	8.7	14.2%	7.9	-4.5%	-8.5%	7.8	-0.2%	8.2	2.3%	4.9%
	2016	36,935	2.5%	36,234	2.4%	-1.9%	6.3	-27.3%	8.3	4.2%	31.2%	8.4	7.7%	8.3	1.6%	-1.1%
	2017	35,911	-2.8%	36,605	1.0%	1.9%	5.5	-12.0%	7.9	-4.2%	42.9%	8.2	-2.4%	8.6	2.5%	3.9%
	2018	38,376	6.9%	37,031	1.2%	-3.5%	10.0	79.9%	9.5	19.7%	-4.9%	7.9	-3.9%	7.7	-10.1%	-2.9%
	2019	40,582	5.8%	39,348	6.3%	-3.0%	6.2	-38.0%	10.4	9.9%	68.5%	9.1	14.5%	9.1	18.6%	0.6%
	2020	40,937	0.9%	41,323	5.0%	0.9%	7.2	15.7%	10.2	-2.3%	42.2%	8.6	-5.2%	10.0	9.4%	16.1%
Projected	2021	45,368	10.8%	45,368	9.8%		11.4	59.8%	11.4	12.4%		9.9	15.7%	9.9	-0.3%	
	2022			46,163	1.8%				11.7	2.1%				10.1	1.3%	
	2023			46,884	1.6%				11.9	1.9%				10.2	1.3%	
	2024			47,583	1.5%				12.1	1.3%				10.3	1.2%	
	2025			48,056	1.0%				12.2	1.2%				10.5	1.3%	
	2026			48,731	1.4%				12.4	1.5%				10.6	1.4%	
	2027			49,436	1.4%				12.6	1.6%				10.8	1.4%	
	2028			50,254	1.7%				12.8	1.6%				10.9	1.3%	
	2029			50,767	1.0%				13.0	1.4%				11.1	1.3%	
	2030			51,461	1.4%				13.2	1.5%				11.2	1.4%	
	2031			52,227	1.5%				13.4	1.6%				11.4	1.5%	
	2032			53,125	1.7%				13.6	1.6%				11.5	1.4%	
	2033			53,686	1.1%				13.8	1.4%				11.7	1.3%	
	2034			54,398	1.3%				14.0	1.4%				11.8	1.3%	
	2035			55,098	1.3%				14.1	1.4%				12.0	1.3%	
	2036			55,915	1.5%				14.3	1.4%				12.1	1.1%	
	2037			56,353	0.8%				14.5	1.1%				12.2	1.1%	
	2038			56,958	1.1%				14.7	1.1%				12.4	1.1%	
	2039			57,633	1.2%				14.8	1.2%				12.5	1.2%	
	2040			58,474	1.5%				15.0	1.3%				12.7	1.1%	
CAGR [3]	2011-2020		2.2%		2.9%			-1.3%		2.5%			2.0%		5.5%	
	2021-2030				1.4%					1.6%					1.3%	
	2031-2040				1.3%					1.3%					1.2%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Newberry

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	33,524	-	32,084	-	-4.3%	8.7	-	44.1%	7.5	-	51.2%
	2012	31,688	-5.5%	32,251	0.5%	1.8%	7.8	-10.2%	46.4%	7.5	-0.1%	48.5%
	2013	32,137	1.4%	32,416	0.5%	0.9%	7.4	-5.2%	49.6%	7.5	1.0%	48.7%
	2014	34,298	6.7%	34,547	6.6%	0.7%	7.7	3.8%	51.0%	7.8	4.1%	49.9%
	2015	36,047	5.1%	35,368	2.4%	-1.9%	8.8	15.1%	46.5%	8.5	7.9%	48.6%
	2016	36,935	2.5%	36,234	2.4%	-1.9%	8.6	-3.3%	49.3%	8.5	0.4%	49.6%
	2017	35,911	-2.8%	36,605	1.0%	1.9%	7.8	-8.2%	52.2%	8.3	-1.8%	49.2%
	2018	38,376	6.9%	37,031	1.2%	-3.5%	10.2	29.3%	43.2%	8.6	3.7%	50.7%
	2019	40,582	5.8%	39,348	6.3%	-3.0%	9.0	-11.4%	51.5%	9.3	7.7%	49.7%
	2020	40,937	0.9%	42,580	8.2%	4.0%	8.7	-3.6%	53.9%	9.7	3.7%	48.3%
Projected	2021	45,368	10.8%	45,368	6.5%		11.8	36.2%	43.9%	10.3	6.7%	50.2%
	2022	46,163	1.8%	46,163	1.8%		12.1	2.1%	43.7%	10.5	1.3%	50.4%
	2023	46,884	1.6%	46,884	1.6%		12.3	1.9%	43.5%	10.6	1.3%	50.5%
	2024	47,583	1.5%	47,583	1.5%		12.5	1.3%	43.6%	10.7	1.2%	50.7%
	2025	48,056	1.0%	48,056	1.0%		12.6	1.2%	43.5%	10.9	1.3%	50.5%
	2026	48,731	1.4%	48,731	1.4%		12.8	1.5%	43.5%	11.0	1.4%	50.5%
	2027	49,436	1.4%	49,436	1.4%		13.0	1.6%	43.4%	11.2	1.4%	50.5%
	2028	50,254	1.7%	50,254	1.7%		13.2	1.6%	43.5%	11.3	1.3%	50.7%
	2029	50,767	1.0%	50,767	1.0%		13.4	1.4%	43.3%	11.5	1.3%	50.5%
	2030	51,461	1.4%	51,461	1.4%		13.6	1.5%	43.2%	11.6	1.4%	50.5%
	2031	52,227	1.5%	52,227	1.5%		13.8	1.6%	43.2%	11.8	1.5%	50.5%
	2032	53,125	1.7%	53,125	1.7%		14.0	1.6%	43.3%	12.0	1.4%	50.7%
	2033	53,686	1.1%	53,686	1.1%		14.2	1.4%	43.1%	12.1	1.3%	50.5%
	2034	54,398	1.3%	54,398	1.3%		14.4	1.4%	43.1%	12.3	1.3%	50.5%
	2035	55,098	1.3%	55,098	1.3%		14.6	1.4%	43.0%	12.4	1.3%	50.6%
	2036	55,915	1.5%	55,915	1.5%		14.8	1.4%	43.1%	12.6	1.1%	50.7%
	2037	56,353	0.8%	56,353	0.8%		15.0	1.1%	43.0%	12.7	1.1%	50.6%
	2038	56,958	1.1%	56,958	1.1%		15.1	1.1%	42.9%	12.9	1.1%	50.6%
	2039	57,633	1.2%	57,633	1.2%		15.3	1.2%	42.9%	13.0	1.2%	50.6%
	2040	58,474	1.5%	58,474	1.5%		15.5	1.3%	43.0%	13.2	1.1%	50.7%
CAGR [1]	2011-2020		2.2%		3.2%			0.0%	48.8%		2.9%	49.4%
	2021-2030		1.4%		1.4%			1.6%	43.5%		1.3%	50.5%
	2031-2040		1.3%		1.3%			1.3%	43.1%		1.2%	50.6%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Newberry

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	2,960	2,245	2,176	2,413	2,857	3,181	3,271	3,504	2,955	2,340	2,175	2,329	32,406	33,524
	2012	2,569	2,171	2,332	2,332	2,953	2,962	3,353	3,189	2,984	2,572	2,265	2,493	32,174	31,688
	2013	2,407	2,262	2,495	2,376	2,679	3,081	3,095	3,356	3,058	2,657	2,320	2,522	32,307	32,137
	2014	3,221	2,382	2,417	2,405	2,886	3,194	3,481	3,610	3,202	2,712	2,623	2,707	34,842	34,298
	2015	2,928	2,754	2,516	2,685	3,204	3,500	3,625	3,597	3,195	2,744	2,572	2,588	35,908	36,047
	2016	3,070	2,706	2,562	2,634	3,207	3,677	3,920	3,836	3,417	2,864	2,449	2,612	36,956	36,935
	2017	2,723	2,286	2,601	2,795	3,315	3,300	3,702	3,873	3,389	3,134	2,479	2,932	36,530	35,911
	2018	3,771	2,480	2,619	2,585	3,231	3,677	3,731	3,850	3,888	3,392	2,833	3,130	39,187	38,376
	2019	3,360	2,543	2,764	2,831	3,820	3,826	3,969	4,151	3,963	3,447	2,746	2,933	40,354	40,582
	2020	3,142	2,826	3,147	3,007	3,422	3,858	4,206	4,302	3,900	3,477	2,904	3,633	41,824	40,937
Projected	2021	4,201	3,628	3,202	3,091	3,657	4,196	4,522	4,604	4,251	3,632	2,915	3,708	45,609	45,368
	2022	4,283	3,713	3,221	3,140	3,745	4,205	4,603	4,713	4,286	3,702	2,959	3,778	46,348	46,163
	2023	4,360	3,782	3,268	3,188	3,805	4,256	4,667	4,781	4,336	3,751	2,994	3,824	47,014	46,884
	2024	4,412	3,968	3,303	3,229	3,851	4,303	4,725	4,839	4,385	3,799	3,031	3,872	47,716	47,583
	2025	4,467	3,876	3,344	3,271	3,901	4,359	4,788	4,904	4,444	3,850	3,071	3,926	48,201	48,056
	2026	4,530	3,931	3,389	3,316	3,956	4,421	4,856	4,974	4,508	3,906	3,115	3,987	48,891	48,731
	2027	4,600	3,992	3,438	3,363	4,013	4,483	4,925	5,044	4,571	3,960	3,157	4,044	49,588	49,436
	2028	4,665	4,198	3,483	3,408	4,066	4,543	4,990	5,111	4,630	4,012	3,197	4,100	50,402	50,254
	2029	4,730	4,105	3,528	3,452	4,120	4,602	5,055	5,178	4,691	4,065	3,238	4,156	50,917	50,767
	2030	4,795	4,162	3,574	3,498	4,176	4,665	5,125	5,251	4,757	4,125	3,285	4,221	51,633	51,461
Projected	2031	4,870	4,227	3,627	3,549	4,238	4,733	5,200	5,327	4,825	4,184	3,331	4,283	52,394	52,227
	2032	4,942	4,448	3,677	3,599	4,297	4,799	5,272	5,401	4,892	4,242	3,377	4,344	53,290	53,125
	2033	5,012	4,350	3,726	3,647	4,355	4,863	5,342	5,473	4,956	4,298	3,421	4,403	53,846	53,686
	2034	5,080	4,409	3,775	3,695	4,412	4,927	5,412	5,545	5,021	4,355	3,465	4,462	54,558	54,398
	2035	5,148	4,468	3,823	3,742	4,468	4,989	5,480	5,614	5,084	4,408	3,507	4,518	55,250	55,098
	2036	5,212	4,691	3,867	3,786	4,520	5,047	5,542	5,677	5,139	4,458	3,546	4,569	56,054	55,915
	2037	5,269	4,574	3,909	3,827	4,569	5,101	5,600	5,737	5,194	4,505	3,582	4,618	56,486	56,353
	2038	5,326	4,624	3,949	3,868	4,618	5,156	5,661	5,800	5,251	4,558	3,624	4,674	57,109	56,958
	2039	5,389	4,680	3,996	3,914	4,672	5,217	5,727	5,869	5,313	4,611	3,666	4,730	57,784	57,633
	2040	5,453	4,910	4,041	3,959	4,726	5,277	5,792	5,935	5,373	4,664	3,707	4,785	58,623	58,474

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	9.1%	6.9%	6.7%	7.4%	8.8%	9.8%	10.1%	10.8%	9.1%	7.2%	6.7%	7.2%	100.0%
	2012	8.0%	6.7%	7.2%	7.2%	9.2%	9.2%	10.4%	9.9%	9.3%	8.0%	7.0%	7.7%	100.0%
	2013	7.5%	7.0%	7.7%	7.4%	8.3%	9.5%	9.6%	10.4%	9.5%	8.2%	7.2%	7.8%	100.0%
	2014	9.2%	6.8%	6.9%	6.9%	8.3%	9.2%	10.0%	10.4%	9.2%	7.8%	7.5%	7.8%	100.0%
	2015	8.2%	7.7%	7.0%	7.5%	8.9%	9.7%	10.1%	10.0%	8.9%	7.6%	7.2%	7.2%	100.0%
	2016	8.3%	7.3%	6.9%	7.1%	8.7%	10.0%	10.6%	10.4%	9.2%	7.7%	6.6%	7.1%	100.0%
	2017	7.5%	6.3%	7.1%	7.7%	9.1%	9.0%	10.1%	10.6%	9.3%	8.6%	6.8%	8.0%	100.0%
	2018	9.6%	6.3%	6.7%	6.6%	8.2%	9.4%	9.5%	9.8%	9.9%	8.7%	7.2%	8.0%	100.0%
	2019	8.3%	6.3%	6.8%	7.0%	9.5%	9.5%	9.8%	10.3%	9.8%	8.5%	6.8%	7.3%	100.0%
	2020	7.5%	6.8%	7.5%	7.2%	8.2%	9.2%	10.1%	10.3%	9.3%	8.3%	6.9%	8.7%	100.0%
Projected	2021	9.2%	8.0%	7.0%	6.8%	8.0%	9.2%	9.9%	10.1%	9.3%	8.0%	6.4%	8.1%	100.0%
	2022	9.2%	8.0%	6.9%	6.8%	8.1%	9.1%	9.9%	10.2%	9.2%	8.0%	6.4%	8.2%	100.0%
	2023	9.3%	8.0%	7.0%	6.8%	8.1%	9.1%	9.9%	10.2%	9.2%	8.0%	6.4%	8.1%	100.0%
	2024	9.2%	8.3%	6.9%	6.8%	8.1%	9.0%	9.9%	10.1%	9.2%	8.0%	6.4%	8.1%	100.0%
	2025	9.3%	8.0%	6.9%	6.8%	8.1%	9.0%	9.9%	10.2%	9.2%	8.0%	6.4%	8.1%	100.0%
	2026	9.3%	8.0%	6.9%	6.8%	8.1%	9.0%	9.9%	10.2%	9.2%	8.0%	6.4%	8.2%	100.0%
	2027	9.3%	8.0%	6.9%	6.8%	8.1%	9.0%	9.9%	10.2%	9.2%	8.0%	6.4%	8.2%	100.0%
	2028	9.3%	8.3%	6.9%	6.8%	8.1%	9.0%	9.9%	10.1%	9.2%	8.0%	6.3%	8.1%	100.0%
	2029	9.3%	8.1%	6.9%	6.8%	8.1%	9.0%	9.9%	10.2%	9.2%	8.0%	6.4%	8.2%	100.0%
	2030	9.3%	8.1%	6.9%	6.8%	8.1%	9.0%	9.9%	10.2%	9.2%	8.0%	6.4%	8.2%	100.0%
Avg.	2011-2020	8.3%	6.8%	7.1%	7.2%	8.7%	9.5%	10.0%	10.3%	9.4%	8.1%	7.0%	7.7%	100.0%
	2021-2030	9.3%	8.1%	6.9%	6.8%	8.1%	9.1%	9.9%	10.2%	9.2%	8.0%	6.4%	8.1%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Severe Weather Case

Newberry

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	8.7	6.7	4.4	6.1	6.9	7.4	7.2	7.5	6.7	5.2	5.0	5.6	8.7	7.5
	2012	7.8	7.7	5.3	6.2	6.8	7.0	7.5	7.1	6.7	6.2	6.2	6.4	7.8	7.5
	2013	6.0	7.3	7.4	5.6	6.5	7.1	7.1	7.5	7.2	6.3	6.2	6.4	7.4	7.5
	2014	7.7	7.1	5.8	5.9	6.7	7.4	7.5	7.8	7.4	6.4	8.4	6.7	7.7	7.8
	2015	7.3	8.8	5.4	6.2	7.4	8.5	8.1	7.8	7.5	6.9	6.5	5.4	8.8	8.5
	2016	8.6	8.2	5.7	7.1	7.1	8.2	8.4	8.5	7.6	6.9	5.9	6.0	8.6	8.5
	2017	7.8	5.7	7.4	7.4	7.6	7.8	8.1	8.3	7.7	7.4	5.4	8.2	7.8	8.3
	2018	10.2	5.9	6.6	5.9	7.4	8.5	8.3	8.4	8.6	8.1	7.0	8.1	10.2	8.6
	2019	9.0	7.0	7.6	7.1	9.3	9.2	9.3	9.0	8.9	7.8	6.2	7.8	9.0	9.3
	2020	8.7	7.7	7.3	7.5	8.5	9.2	9.4	9.7	9.7	8.1	8.2	9.5	8.7	9.7
Projected	2021	11.8	10.9	8.9	8.0	9.2	9.8	10.0	10.3	9.6	8.7	8.4	9.7	11.8	10.3
	2022	12.1	11.1	9.1	8.1	9.3	10.0	10.2	10.5	9.7	8.8	8.6	9.8	12.1	10.5
	2023	12.3	11.3	9.3	8.2	9.4	10.1	10.3	10.6	9.9	8.9	8.7	10.0	12.3	10.6
	2024	12.5	11.5	9.4	8.3	9.6	10.2	10.4	10.7	10.0	9.0	8.8	10.1	12.5	10.7
	2025	12.6	11.6	9.5	8.4	9.7	10.4	10.6	10.9	10.1	9.1	8.9	10.3	12.6	10.9
	2026	12.8	11.8	9.6	8.6	9.8	10.5	10.7	11.0	10.3	9.3	9.1	10.4	12.8	11.0
	2027	13.0	12.0	9.8	8.7	10.0	10.7	10.9	11.2	10.4	9.4	9.2	10.6	13.0	11.2
	2028	13.2	12.2	10.0	8.8	10.1	10.8	11.0	11.3	10.5	9.5	9.3	10.7	13.2	11.3
	2029	13.4	12.4	10.1	8.9	10.3	10.9	11.2	11.5	10.7	9.7	9.5	10.9	13.4	11.5
	2030	13.6	12.5	10.2	9.1	10.4	11.1	11.3	11.6	10.8	9.8	9.6	11.1	13.6	11.6
Projected	2031	13.8	12.7	10.4	9.2	10.6	11.3	11.5	11.8	11.0	10.0	9.8	11.2	13.8	11.8
	2032	14.0	12.9	10.6	9.3	10.7	11.4	11.6	12.0	11.1	10.1	9.9	11.4	14.0	12.0
	2033	14.2	13.1	10.7	9.5	10.9	11.6	11.8	12.1	11.3	10.2	10.0	11.5	14.2	12.1
	2034	14.4	13.3	10.9	9.6	11.0	11.7	12.0	12.3	11.4	10.4	10.2	11.7	14.4	12.3
	2035	14.6	13.5	11.0	9.7	11.2	11.9	12.1	12.4	11.6	10.5	10.3	11.9	14.6	12.4
	2036	14.8	13.7	11.2	9.8	11.3	12.0	12.2	12.6	11.7	10.6	10.4	12.0	14.8	12.6
	2037	15.0	13.8	11.3	9.9	11.4	12.1	12.4	12.7	11.8	10.8	10.5	12.1	15.0	12.7
	2038	15.1	14.0	11.4	10.0	11.5	12.3	12.5	12.9	11.9	10.9	10.7	12.3	15.1	12.9
	2039	15.3	14.2	11.6	10.2	11.7	12.4	12.7	13.0	12.1	11.0	10.8	12.4	15.3	13.0
	2040	15.5	14.3	11.7	10.3	11.8	12.5	12.8	13.2	12.2	11.1	10.9	12.6	15.5	13.2

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	45.8%	50.1%	66.0%	54.8%	55.7%	59.9%	61.1%	63.0%	61.4%	60.9%	60.8%	56.1%	42.6%	49.5%
	2012	44.3%	40.6%	59.3%	52.6%	58.4%	58.8%	60.4%	60.4%	61.5%	55.6%	50.9%	52.7%	47.1%	49.2%
	2013	53.6%	45.9%	45.3%	58.7%	55.7%	59.9%	58.8%	59.9%	59.1%	56.5%	51.8%	53.2%	49.9%	49.0%
	2014	56.4%	49.6%	55.5%	56.3%	58.3%	59.6%	62.0%	61.9%	59.9%	57.2%	43.2%	54.2%	51.8%	50.7%
	2015	54.1%	46.4%	62.6%	59.8%	58.4%	57.4%	60.4%	62.2%	59.3%	53.5%	55.3%	64.6%	46.4%	48.4%
	2016	48.3%	47.5%	60.6%	51.7%	60.7%	62.4%	62.5%	60.7%	62.2%	55.9%	57.3%	59.0%	49.3%	49.7%
	2017	46.6%	59.2%	47.5%	52.4%	58.4%	58.8%	61.5%	62.4%	61.1%	57.1%	63.7%	48.0%	53.1%	50.0%
	2018	49.9%	62.5%	53.0%	61.0%	58.9%	60.0%	60.6%	61.3%	62.4%	56.0%	56.3%	51.7%	44.1%	51.7%
	2019	50.2%	53.7%	48.8%	55.4%	55.4%	57.8%	57.3%	61.7%	62.0%	59.2%	61.8%	50.4%	51.2%	49.4%
	2020	48.7%	52.9%	58.1%	55.7%	54.0%	58.4%	60.0%	59.8%	56.0%	57.7%	49.0%	51.6%	55.1%	49.4%
Projected	2021	47.8%	49.5%	48.3%	53.6%	53.5%	59.2%	60.5%	60.0%	61.5%	56.4%	48.2%	51.6%	44.1%	50.5%
	2022	47.7%	49.6%	47.6%	53.7%	54.1%	58.6%	60.8%	60.6%	61.2%	56.7%	48.0%	51.6%	43.9%	50.6%
	2023	47.7%	49.6%	47.4%	53.8%	54.2%	58.5%	60.8%	60.7%	61.1%	56.6%	47.9%	51.5%	43.7%	50.7%
	2024	47.6%	49.6%	47.3%	53.9%	54.2%	58.5%	60.9%	60.7%	61.1%	56.7%	47.9%	51.5%	43.7%	50.8%
	2025	47.6%	49.5%	47.3%	53.8%	54.1%	58.4%	60.9%	60.7%	61.1%	56.7%	47.9%	51.5%	43.6%	50.7%
	2026	47.6%	49.5%	47.2%	53.8%	54.1%	58.4%	60.9%	60.7%	61.1%	56.7%	47.8%	51.4%	43.6%	50.7%
	2027	47.6%	49.5%	47.2%	53.7%	54.1%	58.4%	60.9%	60.7%	61.1%	56.6%	47.7%	51.4%	43.5%	50.7%
	2028	47.5%	49.5%	47.0%	53.7%	54.0%	58.4%	60.9%	60.7%	61.1%	56.6%	47.6%	51.4%	43.6%	50.8%
	2029	47.5%	49.4%	47.0%	53.7%	54.0%	58.4%	60.9%	60.7%	61.1%	56.5%	47.5%	51.3%	43.4%	50.7%
	2030	47.5%	49.4%	46.9%	53.6%	53.9%	58.4%	60.9%	60.7%	61.1%	56.5%	47.5%	51.3%	43.4%	50.7%
Avg.	2011-2020	49.8%	50.8%	55.7%	55.8%	57.4%	59.3%	60.5%	61.3%	60.5%	56.9%	55.0%	54.1%	49.1%	49.7%
	2021-2030	47.6%	49.5%	47.3%	53.7%	54.0%	58.5%	60.8%	60.6%	61.1%	56.6%	47.8%	51.4%	43.7%	50.7%

FMPA 2021 Load Forecast - Severe Weather Case

Newberry

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	8.0	6.6	3.8	6.1	6.6	7.2	6.5	7.2	6.5	5.1	4.3	4.1	8.1	7.2
	2012	7.8	7.7	5.0	4.7	6.8	6.9	6.3	6.1	6.5	5.8	4.2	6.4	7.8	6.3
	2013	6.0	7.3	7.4	5.6	6.2	6.7	6.9	7.3	7.2	6.1	4.3	4.2	7.4	7.3
	2014	7.6	7.1	4.2	5.9	6.7	6.7	7.3	7.8	6.1	6.1	8.3	6.5	7.6	7.8
	2015	7.1	8.7	5.0	6.0	7.2	7.8	7.2	7.7	7.2	6.8	6.3	4.7	8.7	7.8
	2016	7.9	8.0	5.7	7.1	6.7	8.2	8.4	8.5	7.1	5.8	5.3	5.1	6.3	8.4
	2017	7.8	5.0	5.5	7.4	7.2	7.4	8.1	8.2	5.6	7.2	5.0	8.2	5.5	8.2
	2018	10.0	5.5	4.6	4.3	7.3	6.9	8.0	7.9	7.6	8.1	6.2	8.1	10.0	7.9
	2019	8.0	5.8	5.3	7.0	9.2	9.1	8.5	8.5	8.6	7.2	6.1	4.9	6.2	9.1
	2020	8.7	5.2	7.2	7.5	8.4	8.6	9.0	9.1	9.7	7.7	7.1	8.1	7.2	8.6
Projected	2021	11.4	10.1	7.6	7.6	9.0	9.3	9.5	9.9	8.9	8.2	7.2	8.3	11.4	9.9
	2022	11.7	10.3	7.8	7.7	9.1	9.4	9.7	10.1	9.0	8.3	7.4	8.5	11.7	10.1
	2023	11.9	10.5	7.9	7.8	9.2	9.5	9.8	10.2	9.1	8.4	7.5	8.6	11.9	10.2
	2024	12.1	10.6	8.0	7.9	9.3	9.6	9.9	10.3	9.2	8.5	7.6	8.7	12.1	10.3
	2025	12.2	10.8	8.1	8.0	9.4	9.7	10.0	10.5	9.3	8.7	7.7	8.8	12.2	10.5
	2026	12.4	10.9	8.3	8.1	9.6	9.9	10.2	10.6	9.5	8.8	7.8	9.0	12.4	10.6
	2027	12.6	11.1	8.4	8.2	9.7	10.0	10.3	10.8	9.6	8.9	7.9	9.1	12.6	10.8
	2028	12.8	11.3	8.5	8.3	9.9	10.2	10.5	10.9	9.7	9.0	8.0	9.2	12.8	10.9
	2029	13.0	11.4	8.6	8.4	10.0	10.3	10.6	11.1	9.8	9.2	8.2	9.4	13.0	11.1
	2030	13.2	11.6	8.8	8.5	10.1	10.4	10.7	11.2	10.0	9.3	8.3	9.5	13.2	11.2
Projected	2031	13.4	11.8	8.9	8.7	10.3	10.6	10.9	11.4	10.1	9.4	8.4	9.7	13.4	11.4
	2032	13.6	12.0	9.0	8.8	10.4	10.7	11.0	11.5	10.3	9.6	8.5	9.8	13.6	11.5
	2033	13.8	12.1	9.2	8.9	10.6	10.9	11.2	11.7	10.4	9.7	8.7	9.9	13.8	11.7
	2034	14.0	12.3	9.3	9.0	10.7	11.0	11.3	11.8	10.5	9.8	8.8	10.1	14.0	11.8
	2035	14.1	12.5	9.4	9.2	10.9	11.1	11.5	12.0	10.7	10.0	8.9	10.2	14.1	12.0
	2036	14.3	12.6	9.6	9.3	11.0	11.3	11.6	12.1	10.8	10.1	9.0	10.3	14.3	12.1
	2037	14.5	12.8	9.7	9.4	11.1	11.4	11.7	12.2	10.9	10.2	9.1	10.4	14.5	12.2
	2038	14.7	12.9	9.8	9.5	11.2	11.5	11.9	12.4	11.0	10.3	9.2	10.6	14.7	12.4
	2039	14.8	13.1	9.9	9.6	11.4	11.6	12.0	12.5	11.1	10.4	9.3	10.7	14.8	12.5
	2040	15.0	13.3	10.0	9.7	11.5	11.8	12.1	12.7	11.3	10.6	9.4	10.8	15.0	12.7

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	92.1%	99.4%	85.5%	100.0%	96.1%	97.0%	90.8%	95.9%	97.0%	99.5%	86.6%	74.2%	92.9%	95.9%
	2012	100.0%	100.0%	94.4%	76.9%	99.5%	99.2%	84.3%	86.5%	96.3%	93.7%	67.8%	100.0%	100.0%	84.3%
	2013	100.0%	100.0%	100.0%	99.0%	96.3%	93.7%	98.1%	97.1%	99.8%	95.7%	69.1%	65.5%	100.0%	97.1%
	2014	98.8%	99.2%	71.5%	99.3%	100.0%	89.9%	96.9%	100.0%	82.3%	96.2%	97.9%	97.4%	98.8%	100.0%
	2015	98.2%	98.0%	93.1%	96.4%	97.9%	92.5%	89.3%	98.9%	96.4%	99.1%	97.5%	87.8%	98.0%	92.5%
	2016	92.0%	97.8%	100.0%	99.7%	93.8%	99.9%	100.0%	100.0%	92.8%	83.9%	90.0%	85.8%	73.6%	99.3%
	2017	99.9%	86.5%	75.2%	100.0%	93.9%	95.1%	100.0%	98.8%	72.9%	98.2%	91.9%	100.0%	70.6%	98.8%
	2018	98.2%	93.9%	69.1%	73.7%	99.4%	81.1%	96.8%	93.8%	88.2%	100.0%	88.3%	100.0%	98.2%	91.5%
	2019	88.9%	82.4%	69.1%	98.8%	99.0%	98.6%	91.4%	94.4%	97.1%	91.4%	98.4%	62.0%	68.7%	97.2%
	2020	100.0%	67.3%	98.2%	99.4%	98.9%	93.7%	95.5%	93.8%	100.0%	94.8%	86.2%	86.1%	82.5%	88.9%
Projected	2021	96.8%	92.5%	85.6%	94.3%	97.5%	94.1%	95.0%	96.4%	92.3%	94.8%	86.2%	86.1%	96.8%	96.4%
	2022	96.8%	92.5%	85.6%	94.3%	97.5%	94.1%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2023	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2024	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2025	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2026	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2027	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2028	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2029	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2030	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2011-2020	96.8%	92.5%	85.6%	94.3%	97.5%	94.1%	94.3%	95.9%	92.3%	95.2%	87.4%	85.9%	88.3%	94.6%
	2021-2030	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%

FMPA 2021 Load Forecast - Severe Weather Case - Newberry

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

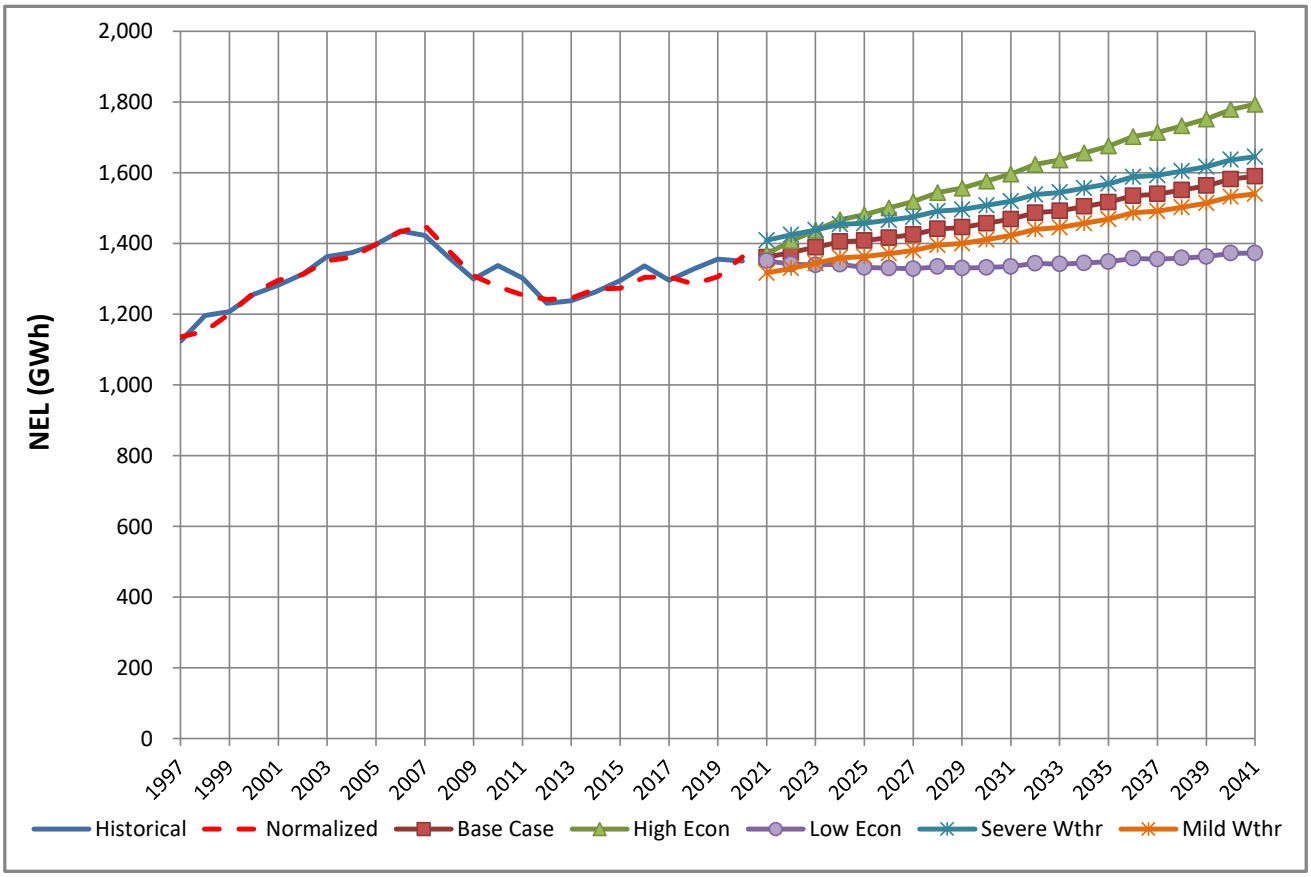
		Residential						General Service						City		Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	16,499		1,232		13,394		13,820		233		59.3		1,977		0		32,296		1,228	3.7%	33,524	
	2012	15,357	-6.9%	1,257	2.1%	12,216	-8.8%	13,223	-4.3%	240	2.8%	55.2	-6.9%	2,129	7.7%	0		30,709	-4.9%	979	3.1%	31,688	-5.5%
	2013	16,052	4.5%	1,319	4.9%	12,170	-0.4%	12,539	-5.2%	244	1.9%	51.4	-7.0%	1,995	-6.3%	0		30,586	-0.4%	1,551	4.8%	32,137	1.4%
	2014	17,133	6.7%	1,375	4.3%	12,459	2.4%	13,314	6.2%	242	-1.1%	55.1	7.3%	1,867	-6.4%	0		32,314	5.6%	1,984	5.8%	34,298	6.7%
	2015	18,341	7.1%	1,405	2.2%	13,056	4.8%	13,804	3.7%	240	-0.7%	57.5	4.4%	1,868	0.1%	0		34,013	5.3%	2,034	5.6%	36,047	5.1%
	2016	18,729	2.1%	1,455	3.5%	12,875	-1.4%	13,821	0.1%	238	-0.9%	58.1	1.0%	1,862	-0.3%	0		34,412	1.2%	2,523	6.8%	36,935	2.5%
	2017	18,965	1.3%	1,493	2.6%	12,705	-1.3%	14,093	2.0%	244	2.5%	57.8	-0.5%	1,770	-4.9%	583		35,411	2.9%	499	1.4%	35,911	-2.8%
	2018	19,648	3.6%	1,563	4.7%	12,573	-1.0%	14,700	4.3%	249	2.0%	59.1	2.2%	1,704	-3.7%	583	0.0%	36,635	3.5%	1,740	4.5%	38,376	6.9%
	2019	21,111	7.4%	1,643	5.2%	12,848	2.2%	15,161	3.1%	249	0.1%	60.9	3.0%	1,701	-0.2%	583	0.0%	38,556	5.2%	2,026	5.0%	40,582	5.8%
	2020	21,994	4.2%	1,746	6.3%	12,596	-2.0%	14,732	-2.8%	252	1.4%	58.4	-4.2%	1,601	-5.9%	583	0.0%	38,910	0.9%	2,026	5.0%	40,937	0.9%
Projected	2021	25,570	16.3%	1,833	5.0%	13,947	10.7%	15,386	4.4%	256	1.5%	60.1	2.9%	1,684	5.2%	583	0.0%	43,223	11.1%	2,232	4.9%	45,455	11.0%
	2022	26,029	1.8%	1,883	2.7%	13,822	-0.9%	15,686	2.0%	257	0.5%	60.9	1.5%	1,720	2.2%	583	0.0%	44,019	1.8%	2,275	4.9%	46,294	1.8%
	2023	26,423	1.5%	1,930	2.5%	13,688	-1.0%	15,982	1.9%	259	0.7%	61.7	1.2%	1,757	2.1%	583	0.0%	44,747	1.7%	2,312	4.9%	47,059	1.7%
	2024	26,673	0.9%	1,974	2.3%	13,509	-1.3%	16,272	1.8%	261	0.7%	62.4	1.1%	1,795	2.1%	583	0.0%	45,322	1.3%	2,484	5.2%	47,806	1.6%
	2025	26,987	1.2%	2,016	2.1%	13,386	-0.9%	16,553	1.7%	263	0.7%	63.0	1.0%	1,832	2.1%	583	0.0%	45,956	1.4%	2,375	4.9%	48,331	1.1%
	2026	27,375	1.4%	2,056	2.0%	13,315	-0.5%	16,834	1.7%	265	0.8%	63.6	0.9%	1,870	2.1%	583	0.0%	46,662	1.5%	2,411	4.9%	49,073	1.5%
	2027	27,798	1.5%	2,093	1.8%	13,280	-0.3%	17,113	1.7%	267	0.7%	64.1	0.9%	1,907	2.0%	583	0.0%	47,402	1.6%	2,450	4.9%	49,851	1.6%
	2028	28,191	1.4%	2,128	1.7%	13,247	-0.2%	17,391	1.6%	269	0.7%	64.7	0.9%	1,945	2.0%	583	0.0%	48,110	1.5%	2,637	5.2%	50,747	1.8%
	2029	28,579	1.4%	2,161	1.6%	13,222	-0.2%	17,671	1.6%	271	0.7%	65.3	0.9%	1,983	2.0%	583	0.0%	48,817	1.5%	2,523	4.9%	51,340	1.2%
	2030	28,998	1.5%	2,194	1.5%	13,219	0.0%	17,952	1.6%	273	0.7%	65.8	0.9%	2,022	2.0%	583	0.0%	49,555	1.5%	2,561	4.9%	52,116	1.5%
	2031	29,461	1.6%	2,224	1.4%	13,245	0.2%	18,234	1.6%	275	0.7%	66.4	0.8%	2,061	1.9%	583	0.0%	50,339	1.6%	2,601	4.9%	52,940	1.6%
	2032	29,900	1.5%	2,253	1.3%	13,273	0.2%	18,516	1.5%	277	0.7%	66.9	0.8%	2,100	1.9%	583	0.0%	51,099	1.5%	2,800	5.2%	53,899	1.8%
	2033	30,321	1.4%	2,279	1.1%	13,307	0.3%	18,796	1.5%	279	0.7%	67.5	0.8%	2,139	1.9%	583	0.0%	51,840	1.4%	2,679	4.9%	54,518	1.1%
	2034	30,728	1.3%	2,303	1.1%	13,343	0.3%	19,077	1.5%	280	0.7%	68.0	0.8%	2,178	1.8%	583	0.0%	52,567	1.4%	2,716	4.9%	55,283	1.4%
	2035	31,129	1.3%	2,326	1.0%	13,381	0.3%	19,360	1.5%	282	0.7%	68.6	0.8%	2,218	1.8%	583	0.0%	53,290	1.4%	2,754	4.9%	56,044	1.4%
	2036	31,486	1.1%	2,349	1.0%	13,403	0.2%	19,644	1.5%	284	0.7%	69.1	0.8%	2,258	1.8%	583	0.0%	53,972	1.3%	2,958	5.2%	56,930	1.6%
	2037	31,793	1.0%	2,370	0.9%	13,412	0.1%	19,928	1.4%	286	0.7%	69.6	0.8%	2,298	1.8%	583	0.0%	54,602	1.2%	2,821	4.9%	57,423	0.9%
	2038	32,115	1.0%	2,390	0.8%	13,436	0.2%	20,210	1.4%	288	0.6%	70.2	0.8%	2,338	1.8%	583	0.0%	55,246	1.2%	2,855	4.9%	58,101	1.2%
	2039	32,477	1.1%	2,409	0.8%	13,479	0.3%	20,494	1.4%	290	0.6%	70.7	0.8%	2,379	1.7%	583	0.0%	55,933	1.2%	2,890	4.9%	58,823	1.2%
	2040	32,843	1.1%	2,428	0.8%	13,524	0.3%	20,778	1.4%	292	0.6%	71.2	0.7%	2,420	1.7%	583	0.0%	56,625	1.2%	3,103	5.2%	59,727	1.5%
CAGR	2011-2020		3.2%		4.0%		-0.7%		0.7%		0.9%		-0.2%		-2.3%				2.1%		4.6%		2.2%
	2021-2030		1.4%		2.0%		-0.6%		1.7%		0.7%		1.0%		2.1%		0.0%		1.5%		5.0%		1.5%
	2031-2040		1.2%		1.0%		0.2%		1.5%		0.7%		0.8%		1.8%		0.0%		1.3%		5.0%		1.3%

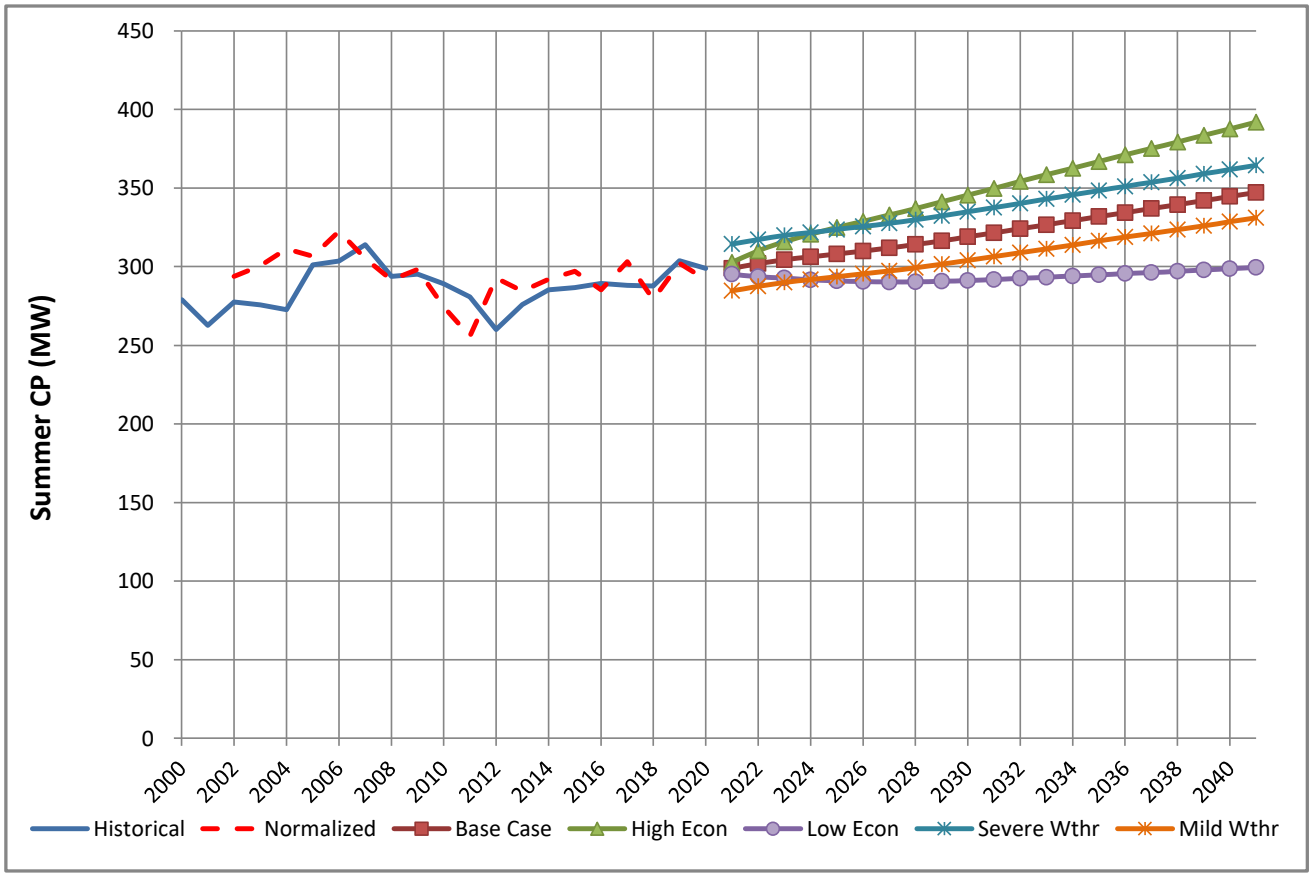
CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast

Ocala

Historical and Projected NEL and Annual Coincident Peak Demand





FMPA 2021 Load Forecast - Low Economic Case

Ocala

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	1,302,274	-	1,254,459	-	-3.7%	277.2	-	268.4	-	-3.2%	280.7	-	257.5		-8.3%
	2012	1,230,559	-5.5%	1,241,370	-1.0%	0.9%	260.9	-5.9%	248.9	-7.2%	-4.6%	260.1	-7.3%	289.5	12.4%	11.3%
	2013	1,238,467	0.6%	1,245,645	0.3%	0.6%	234.4	-10.1%	231.6	-7.0%	-1.2%	275.8	6.0%	281.1	-2.9%	1.9%
	2014	1,263,334	2.0%	1,271,722	2.1%	0.7%	253.2	8.0%	261.3	12.8%	3.2%	285.1	3.4%	288.5	2.6%	1.2%
	2015	1,294,771	2.5%	1,273,776	0.2%	-1.6%	275.5	8.8%	257.9	-1.3%	-6.4%	286.6	0.5%	296.9	2.9%	3.6%
	2016	1,336,499	3.2%	1,304,293	2.4%	-2.4%	236.1	-14.3%	265.5	2.9%	12.5%	289.3	0.9%	285.2	-4.0%	-1.4%
	2017	1,296,410	-3.0%	1,305,825	0.1%	0.7%	209.9	-11.1%	226.6	-14.7%	7.9%	288.1	-0.4%	303.1	6.3%	5.2%
	2018	1,328,133	2.4%	1,284,846	-1.6%	-3.3%	291.6	38.9%	288.5	27.3%	-1.1%	287.6	-0.2%	279.1	-7.9%	-3.0%
	2019	1,356,115	2.1%	1,305,690	1.6%	-3.7%	217.6	-25.4%	276.2	-4.3%	26.9%	303.7	5.6%	302.1	8.3%	-0.5%
	2020	1,350,518	-0.4%	1,361,654	4.3%	0.8%	243.4	11.9%	263.8	-4.5%	8.4%	298.7	-1.6%	291.7	-3.5%	-2.4%
Projected	2021	1,351,226	0.1%	1,351,226	-0.8%		272.9	12.1%	272.9	3.4%		295.2	-1.2%	295.2	1.2%	
	2022			1,341,652	-0.7%				270.3	-0.9%				293.5	-0.6%	
	2023			1,339,495	-0.2%				270.1	-0.1%				292.7	-0.3%	
	2024			1,341,281	0.1%				271.4	0.5%				291.6	-0.4%	
	2025			1,332,200	-0.7%				268.4	-1.1%				291.0	-0.2%	
	2026			1,330,030	-0.2%				268.0	-0.2%				290.5	-0.2%	
	2027			1,328,674	-0.1%				267.6	-0.1%				290.2	-0.1%	
	2028			1,334,450	0.4%				269.7	0.8%				290.3	0.0%	
	2029			1,330,000	-0.3%				267.7	-0.7%				290.7	0.1%	
	2030			1,332,335	0.2%				268.1	0.2%				291.2	0.2%	
	2031			1,335,168	0.2%				268.7	0.2%				291.8	0.2%	
	2032			1,344,022	0.7%				271.5	1.0%				292.6	0.2%	
	2033			1,341,605	-0.2%				270.0	-0.6%				293.3	0.2%	
	2034			1,344,887	0.2%				270.6	0.2%				294.0	0.2%	
	2035			1,348,487	0.3%				271.4	0.3%				294.8	0.3%	
	2036			1,357,969	0.7%				274.3	1.1%				295.5	0.3%	
	2037			1,355,382	-0.2%				272.8	-0.6%				296.2	0.2%	
	2038			1,358,765	0.2%				273.4	0.2%				297.0	0.3%	
	2039			1,362,618	0.3%				274.2	0.3%				297.9	0.3%	
	2040			1,372,384	0.7%				277.2	1.1%				298.7	0.3%	
CAGR [3]	2011-2020		0.4%		0.9%			-1.4%		-0.2%			0.7%		1.4%	
	2021-2030				-0.2%					-0.2%					-0.1%	
	2031-2040				0.3%					0.3%					0.3%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Ocala

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	1,302,274	-	1,302,274	-	279.6	282.8	279.6	282.8	277.2	280.7	277.2	280.7
	2012	1,230,559	-5.5%	1,230,559	-5.5%	260.9	264.6	260.9	264.6	260.9	260.1	260.9	260.1
	2013	1,238,467	0.6%	1,238,467	0.6%	236.1	275.8	236.1	275.8	234.4	275.8	234.4	275.8
	2014	1,263,334	2.0%	1,263,334	2.0%	253.2	285.1	253.2	285.1	253.2	285.1	253.2	285.1
	2015	1,294,771	2.5%	1,294,771	2.5%	275.5	286.6	275.5	286.6	275.5	286.6	275.5	286.6
	2016	1,336,499	3.2%	1,336,499	3.2%	257.3	295.3	257.3	295.3	236.1	289.3	236.1	289.3
	2017	1,296,410	-3.0%	1,296,410	-3.0%	232.6	290.6	232.6	290.6	209.9	288.1	209.9	288.1
	2018	1,328,133	2.4%	1,328,133	2.4%	297.0	287.6	297.0	287.6	291.6	287.6	291.6	287.6
	2019	1,356,115	2.1%	1,356,115	2.1%	248.2	303.7	248.2	303.7	217.6	303.7	217.6	303.7
	2020	1,350,518	-0.4%	1,325,709	-2.2%	246.6	302.7	275.5	289.8	243.4	298.7	273.0	287.7
Projected	2021	1,351,226	0.1%	1,305,550	-1.5%	275.4	297.4	270.0	287.1	272.9	295.2	267.5	285.0
	2022	1,341,652	-0.7%	1,300,872	-0.4%	272.8	295.7	268.9	286.3	270.3	293.5	266.5	284.2
	2023	1,339,495	-0.2%	1,297,258	-0.3%	272.6	294.9	268.2	285.5	270.1	292.7	265.7	283.4
	2024	1,341,281	0.1%	1,300,067	0.2%	274.0	293.8	269.7	285.0	271.4	291.6	267.3	282.9
	2025	1,332,200	-0.7%	1,292,800	-0.6%	270.9	293.1	267.2	284.6	268.4	291.0	264.7	282.6
	2026	1,330,030	-0.2%	1,291,526	-0.1%	270.4	292.6	267.0	284.4	268.0	290.5	264.5	282.3
	2027	1,328,674	-0.1%	1,290,247	-0.1%	270.1	292.4	266.7	284.1	267.6	290.2	264.2	282.0
	2028	1,334,450	0.4%	1,294,820	0.4%	272.2	292.5	268.6	283.9	269.7	290.3	266.1	281.8
	2029	1,330,000	-0.3%	1,288,426	-0.5%	270.2	292.8	266.3	283.7	267.7	290.7	263.8	281.7
	2030	1,332,335	0.2%	1,287,953	0.0%	270.6	293.4	266.1	283.7	268.1	291.2	263.7	281.6
	2031	1,335,168	0.2%	1,288,251	0.0%	271.2	294.0	266.2	283.8	268.7	291.8	263.7	281.7
	2032	1,344,022	0.7%	1,294,515	0.5%	274.0	294.7	268.5	283.9	271.5	292.6	266.0	281.9
	2033	1,341,605	-0.2%	1,289,726	-0.4%	272.5	295.4	266.5	284.1	270.0	293.3	264.0	282.0
	2034	1,344,887	0.2%	1,290,073	0.0%	273.2	296.1	266.6	284.1	270.6	294.0	264.1	282.1
	2035	1,348,487	0.3%	1,290,430	0.0%	273.9	296.9	266.6	284.2	271.4	294.8	264.2	282.2
	2036	1,357,969	0.7%	1,296,266	0.5%	276.9	297.7	268.9	284.2	274.3	295.5	266.4	282.2
	2037	1,355,382	-0.2%	1,290,641	-0.4%	275.3	298.4	266.7	284.2	272.8	296.2	264.2	282.2
	2038	1,358,765	0.2%	1,290,764	0.0%	275.9	299.2	266.7	284.3	273.4	297.0	264.2	282.2
	2039	1,362,618	0.3%	1,291,383	0.0%	276.7	300.0	266.8	284.4	274.2	297.9	264.4	282.4
	2040	1,372,384	0.7%			279.8	300.9			277.2	298.7		
CAGR[1]	Historical		0.4%		0.5%	-1.4%	0.8%	-1.5%	0.9%	-0.9%	1.7%	-2.6%	2.2%
	1st 10 Prj Yrs		-0.2%		-0.3%	-0.2%	-0.1%	-0.4%	-0.2%	-0.2%	-0.1%	-0.4%	-0.2%
	2nd 10 Prj Yrs		0.3%		0.0%	0.3%	0.3%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Ocala

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	1,302,274	-	1,254,459	-	-3.7%	277.2	-	268.4	-	-3.2%	280.7	-	257.5		-8.3%
	2012	1,230,559	-5.5%	1,241,370	-1.0%	0.9%	260.9	-5.9%	248.9	-7.2%	-4.6%	260.1	-7.3%	289.5	12.4%	11.3%
	2013	1,238,467	0.6%	1,245,645	0.3%	0.6%	234.4	-10.1%	231.6	-7.0%	-1.2%	275.8	6.0%	281.1	-2.9%	1.9%
	2014	1,263,334	2.0%	1,271,722	2.1%	0.7%	253.2	8.0%	261.3	12.8%	3.2%	285.1	3.4%	288.5	2.6%	1.2%
	2015	1,294,771	2.5%	1,273,776	0.2%	-1.6%	275.5	8.8%	257.9	-1.3%	-6.4%	286.6	0.5%	296.9	2.9%	3.6%
	2016	1,336,499	3.2%	1,304,293	2.4%	-2.4%	236.1	-14.3%	265.5	2.9%	12.5%	289.3	0.9%	285.2	-4.0%	-1.4%
	2017	1,296,410	-3.0%	1,305,825	0.1%	0.7%	209.9	-11.1%	226.6	-14.7%	7.9%	288.1	-0.4%	303.1	6.3%	5.2%
	2018	1,328,133	2.4%	1,284,846	-1.6%	-3.3%	291.6	38.9%	288.5	27.3%	-1.1%	287.6	-0.2%	279.1	-7.9%	-3.0%
	2019	1,356,115	2.1%	1,305,690	1.6%	-3.7%	217.6	-25.4%	276.2	-4.3%	26.9%	303.7	5.6%	302.1	8.3%	-0.5%
	2020	1,350,518	-0.4%	1,354,179	3.7%	0.3%	243.4	11.9%	263.8	-4.5%	8.4%	298.7	-1.6%	291.7	-3.5%	-2.4%
Projected	2021	1,348,893	-0.1%	1,348,893	-0.4%		272.9	12.1%	272.9	3.4%		294.6	-1.4%	294.6	1.0%	
	2022			1,338,407	-0.8%				270.3	-0.9%				292.7	-0.6%	
	2023			1,335,335	-0.2%				270.1	-0.1%				291.7	-0.3%	
	2024			1,336,104	0.1%				271.4	0.5%				290.4	-0.5%	
	2025			1,325,934	-0.8%				268.4	-1.1%				289.5	-0.3%	
	2026			1,322,308	-0.3%				268.0	-0.2%				288.6	-0.3%	
	2027			1,319,380	-0.2%				267.6	-0.1%				288.0	-0.2%	
	2028			1,323,483	0.3%				269.7	0.8%				287.7	-0.1%	
	2029			1,317,312	-0.5%				267.7	-0.7%				287.7	0.0%	
	2030			1,317,842	0.0%				268.1	0.2%				287.8	0.0%	
	2031			1,319,444	0.1%				268.7	0.2%				288.1	0.1%	
	2032			1,327,010	0.6%				271.5	1.0%				288.5	0.1%	
	2033			1,323,334	-0.3%				270.0	-0.6%				288.9	0.1%	
	2034			1,325,318	0.1%				270.6	0.2%				289.3	0.1%	
	2035			1,327,579	0.2%				271.4	0.3%				289.8	0.2%	
	2036			1,335,633	0.6%				274.3	1.1%				290.2	0.1%	
	2037			1,331,601	-0.3%				272.8	-0.6%				290.6	0.1%	
	2038			1,333,545	0.1%				273.4	0.2%				291.0	0.1%	
	2039			1,335,771	0.2%				274.2	0.3%				291.5	0.2%	
	2040			1,343,870	0.6%				277.2	1.1%				291.9	0.2%	
CAGR [3]	2011-2020		0.4%		0.9%			-1.4%		-0.2%			0.7%		1.4%	
	2021-2030				-0.3%					-0.2%					-0.3%	
	2031-2040				0.2%					0.3%					0.1%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Ocala

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	1,302,274	-	1,254,459	-	-3.7%	279.6	-	53.2%	282.8	-	52.6%
	2012	1,230,559	-5.5%	1,241,370	-1.0%	0.9%	260.9	-6.7%	53.9%	264.6	-6.4%	53.1%
	2013	1,238,467	0.6%	1,245,645	0.3%	0.6%	236.1	-9.5%	59.9%	275.8	4.2%	51.3%
	2014	1,263,334	2.0%	1,271,722	2.1%	0.7%	253.2	7.2%	57.0%	285.1	3.4%	50.6%
	2015	1,294,771	2.5%	1,273,776	0.2%	-1.6%	275.5	8.8%	53.7%	286.6	0.5%	51.6%
	2016	1,336,499	3.2%	1,304,293	2.4%	-2.4%	257.3	-6.6%	59.3%	295.3	3.0%	51.7%
	2017	1,296,410	-3.0%	1,305,825	0.1%	0.7%	232.6	-9.6%	63.6%	290.6	-1.6%	50.9%
	2018	1,328,133	2.4%	1,284,846	-1.6%	-3.3%	297.0	27.7%	51.0%	287.6	-1.1%	52.7%
	2019	1,356,115	2.1%	1,305,690	1.6%	-3.7%	248.2	-16.4%	62.4%	303.7	5.6%	51.0%
	2020	1,350,518	-0.4%	1,361,654	4.3%	0.8%	246.6	-0.7%	62.5%	302.7	-0.3%	50.9%
Projected	2021	1,348,893	-0.1%	1,348,893	-0.9%		275.4	11.7%	55.9%	296.8	-2.0%	51.9%
	2022	1,338,407	-0.8%	1,338,407	-0.8%		272.8	-0.9%	56.0%	294.9	-0.6%	51.8%
	2023	1,335,335	-0.2%	1,335,335	-0.2%		272.6	-0.1%	55.9%	293.9	-0.3%	51.9%
	2024	1,336,104	0.1%	1,336,104	0.1%		274.0	0.5%	55.7%	292.5	-0.5%	52.1%
	2025	1,325,934	-0.8%	1,325,934	-0.8%		270.9	-1.1%	55.9%	291.6	-0.3%	51.9%
	2026	1,322,308	-0.3%	1,322,308	-0.3%		270.4	-0.2%	55.8%	290.8	-0.3%	51.9%
	2027	1,319,380	-0.2%	1,319,380	-0.2%		270.1	-0.1%	55.8%	290.2	-0.2%	51.9%
	2028	1,323,483	0.3%	1,323,483	0.3%		272.2	0.8%	55.5%	289.8	-0.1%	52.1%
	2029	1,317,312	-0.5%	1,317,312	-0.5%		270.2	-0.7%	55.6%	289.8	0.0%	51.9%
	2030	1,317,842	0.0%	1,317,842	0.0%		270.6	0.2%	55.6%	289.9	0.0%	51.9%
	2031	1,319,444	0.1%	1,319,444	0.1%		271.2	0.2%	55.5%	290.2	0.1%	51.9%
	2032	1,327,010	0.6%	1,327,010	0.6%		274.0	1.0%	55.3%	290.7	0.1%	52.1%
	2033	1,323,334	-0.3%	1,323,334	-0.3%		272.5	-0.6%	55.4%	291.1	0.1%	51.9%
	2034	1,325,318	0.1%	1,325,318	0.1%		273.2	0.2%	55.4%	291.5	0.1%	51.9%
	2035	1,327,579	0.2%	1,327,579	0.2%		273.9	0.3%	55.3%	292.0	0.2%	51.9%
	2036	1,335,633	0.6%	1,335,633	0.6%		276.9	1.1%	55.1%	292.4	0.1%	52.1%
	2037	1,331,601	-0.3%	1,331,601	-0.3%		275.3	-0.6%	55.2%	292.8	0.1%	51.9%
	2038	1,333,545	0.1%	1,333,545	0.1%		275.9	0.2%	55.2%	293.2	0.2%	51.9%
	2039	1,335,771	0.2%	1,335,771	0.2%		276.7	0.3%	55.1%	293.7	0.2%	51.9%
	2040	1,343,870	0.6%	1,343,870	0.6%		279.8	1.1%	54.8%	294.1	0.2%	52.2%
CAGR [1]	2011-2020		0.4%		0.9%			-1.4%	57.6%		0.8%	51.6%
	2021-2030		-0.3%		-0.3%			-0.2%	55.8%		-0.3%	51.9%
	2031-2040		0.2%		0.2%			0.3%	55.2%		0.1%	52.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Ocala

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	101,650	84,973	89,206	99,395	114,074	124,948	127,576	137,207	119,373	94,319	85,733	88,775	1,267,229	1,302,274
	2012	95,461	84,678	93,163	95,804	114,125	112,824	125,112	124,750	115,815	103,591	86,570	92,171	1,244,063	1,230,559
	2013	90,870	85,099	92,695	94,643	104,963	119,187	120,302	129,736	118,642	105,212	87,251	91,987	1,240,586	1,238,467
	2014	108,373	85,568	88,538	93,357	111,294	117,805	127,191	132,108	114,650	102,524	90,178	94,636	1,266,221	1,263,334
	2015	98,616	91,270	96,214	103,169	116,897	126,544	126,971	129,549	118,204	104,337	97,959	95,903	1,305,632	1,294,771
	2016	101,483	92,404	94,922	96,968	115,946	133,360	142,024	136,711	124,481	106,466	89,680	93,580	1,328,026	1,336,499
	2017	96,001	82,937	95,512	101,927	120,446	120,586	132,703	139,159	117,414	112,466	89,007	96,885	1,305,042	1,296,410
	2018	116,795	87,390	92,501	93,623	112,376	127,225	129,253	138,136	132,476	116,974	95,117	96,366	1,338,232	1,328,133
	2019	103,745	86,001	93,690	99,753	128,963	132,064	135,188	138,025	130,229	120,720	91,485	93,892	1,353,755	1,356,115
	2020	99,351	91,597	105,455	99,877	114,199	130,159	137,389	139,379	127,014	109,688	93,930	103,151	1,351,190	1,350,518
Projected	2021	106,372	93,149	98,746	98,440	118,598	128,452	135,813	138,972	123,583	108,402	93,231	101,782	1,345,540	1,348,893
	2022	105,301	92,627	98,422	97,219	117,994	127,226	135,008	138,334	122,861	108,196	93,147	101,714	1,338,049	1,338,407
	2023	105,043	92,549	98,212	97,035	117,805	126,766	134,537	137,892	122,439	107,855	92,970	101,430	1,334,534	1,335,335
	2024	104,644	97,983	97,820	96,786	117,384	126,173	133,970	137,244	121,845	107,496	92,665	101,081	1,335,090	1,336,104
	2025	104,239	91,901	97,483	96,481	117,041	125,727	133,527	136,814	121,479	107,183	92,421	100,860	1,325,157	1,325,934
	2026	103,972	91,684	97,203	96,220	116,736	125,354	133,131	136,421	121,124	106,890	92,172	100,656	1,321,561	1,322,308
	2027	103,753	91,509	96,962	96,000	116,500	125,069	132,847	136,144	120,879	106,691	92,004	100,556	1,318,912	1,319,380
	2028	103,645	97,163	96,818	95,866	116,372	124,915	132,695	136,009	120,750	106,596	91,918	100,549	1,323,296	1,323,483
	2029	103,647	91,439	96,754	95,821	116,350	124,870	132,658	135,984	120,725	106,589	91,906	100,623	1,317,366	1,317,312
	2030	103,724	91,516	96,768	95,846	116,409	124,912	132,714	136,055	120,780	106,708	92,004	100,792	1,318,229	1,317,842
Projected	2031	103,893	91,664	96,869	95,948	116,553	125,046	132,858	136,206	120,903	106,823	92,096	100,951	1,319,810	1,319,444
	2032	104,060	97,582	96,980	96,066	116,720	125,212	133,042	136,404	121,073	106,987	92,232	101,164	1,327,522	1,327,010
	2033	104,275	92,005	97,121	96,207	116,907	125,387	133,227	136,594	121,228	107,131	92,348	101,347	1,323,778	1,323,334
	2034	104,462	92,174	97,248	96,340	117,090	125,563	133,419	136,798	121,400	107,293	92,482	101,556	1,325,823	1,325,318
	2035	104,675	92,367	97,396	96,493	117,297	125,763	133,637	137,027	121,594	107,474	92,631	101,784	1,328,137	1,327,579
	2036	104,903	98,385	97,547	96,645	117,497	125,950	133,833	137,228	121,757	107,621	92,747	101,973	1,336,086	1,335,633
	2037	105,092	92,736	97,660	96,761	117,657	126,093	133,987	137,389	121,885	107,750	92,850	102,150	1,332,009	1,331,601
	2038	105,274	92,902	97,779	96,886	117,836	126,268	134,183	137,601	122,066	107,909	92,977	102,371	1,334,052	1,333,545
	2039	105,504	93,104	97,919	97,029	118,034	126,461	134,393	137,821	122,248	108,081	93,111	102,597	1,336,304	1,335,771
	2040	105,738	99,178	98,060	97,170	118,229	126,650	134,598	138,034	122,422	108,243	93,235	102,812	1,344,371	1,343,870

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	8.0%	6.7%	7.0%	7.8%	9.0%	9.9%	10.1%	10.8%	9.4%	7.4%	6.8%	7.0%	100.0%
	2012	7.7%	6.8%	7.5%	7.7%	9.2%	9.1%	10.1%	10.0%	9.3%	8.3%	7.0%	7.4%	100.0%
	2013	7.3%	6.9%	7.5%	7.6%	8.5%	9.6%	9.7%	10.5%	9.6%	8.5%	7.0%	7.4%	100.0%
	2014	8.6%	6.8%	7.0%	7.4%	8.8%	9.3%	10.0%	10.4%	9.1%	8.1%	7.1%	7.5%	100.0%
	2015	7.6%	7.0%	7.4%	7.9%	9.0%	9.7%	9.7%	9.9%	9.1%	8.0%	7.5%	7.3%	100.0%
	2016	7.6%	7.0%	7.1%	7.3%	8.7%	10.0%	10.7%	10.3%	9.4%	8.0%	6.8%	7.0%	100.0%
	2017	7.4%	6.4%	7.3%	7.8%	9.2%	9.2%	10.2%	10.7%	9.0%	8.6%	6.8%	7.4%	100.0%
	2018	8.7%	6.5%	6.9%	7.0%	8.4%	9.5%	9.7%	10.3%	9.9%	8.7%	7.1%	7.2%	100.0%
	2019	7.7%	6.4%	6.9%	7.4%	9.5%	9.8%	10.0%	10.2%	9.6%	8.9%	6.8%	6.9%	100.0%
	2020	7.4%	6.8%	7.8%	7.4%	8.5%	9.6%	10.2%	10.3%	9.4%	8.1%	7.0%	7.6%	100.0%
Projected	2021	7.9%	6.9%	7.3%	7.3%	8.8%	9.5%	10.1%	10.3%	9.2%	8.1%	6.9%	7.6%	100.0%
	2022	7.9%	6.9%	7.4%	7.3%	8.8%	9.5%	10.1%	10.3%	9.2%	8.1%	7.0%	7.6%	100.0%
	2023	7.9%	6.9%	7.4%	7.3%	8.8%	9.5%	10.1%	10.3%	9.2%	8.1%	7.0%	7.6%	100.0%
	2024	7.8%	7.3%	7.3%	7.2%	8.8%	9.5%	10.0%	10.3%	9.1%	8.1%	6.9%	7.6%	100.0%
	2025	7.9%	6.9%	7.4%	7.3%	8.8%	9.5%	10.1%	10.3%	9.2%	8.1%	7.0%	7.6%	100.0%
	2026	7.9%	6.9%	7.4%	7.3%	8.8%	9.5%	10.1%	10.3%	9.2%	8.1%	7.0%	7.6%	100.0%
	2027	7.9%	6.9%	7.4%	7.3%	8.8%	9.5%	10.1%	10.3%	9.2%	8.1%	7.0%	7.6%	100.0%
	2028	7.8%	7.3%	7.3%	7.2%	8.8%	9.4%	10.0%	10.3%	9.1%	8.1%	6.9%	7.6%	100.0%
	2029	7.9%	6.9%	7.3%	7.3%	8.8%	9.5%	10.1%	10.3%	9.2%	8.1%	7.0%	7.6%	100.0%
	2030	7.9%	6.9%	7.3%	7.3%	8.8%	9.5%	10.1%	10.3%	9.2%	8.1%	7.0%	7.6%	100.0%
Avg.	2011-2020	7.8%	6.7%	7.2%	7.5%	8.9%	9.6%	10.0%	10.3%	9.4%	8.3%	7.0%	7.3%	100.0%
	2021-2030	7.9%	7.0%	7.3%	7.3%	8.8%	9.5%	10.1%	10.3%	9.2%	8.1%	7.0%	7.6%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Low Economic Case

Ocala

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	269.1	227.1	178.4	238.0	258.1	282.8	274.5	281.3	252.3	210.6	183.5	179.7	279.6	282.8
	2012	260.9	250.8	192.0	221.9	251.7	261.7	264.6	263.9	256.7	235.7	195.2	194.0	260.9	264.6
	2013	197.8	236.1	234.4	210.5	233.3	265.3	265.2	275.8	264.5	232.3	189.7	192.7	236.1	275.8
	2014	253.2	224.1	181.3	234.0	248.0	262.5	274.3	285.1	270.2	237.2	232.5	207.3	253.2	285.1
	2015	230.5	275.5	198.5	224.6	259.4	286.6	270.8	281.4	266.4	231.5	237.6	189.4	275.5	286.6
	2016	257.3	250.9	205.3	234.5	260.7	289.1	295.3	290.5	261.9	232.8	195.6	184.0	257.3	295.3
	2017	232.6	190.6	209.9	256.2	268.5	276.4	282.0	290.6	269.5	265.6	194.0	235.0	232.6	290.6
	2018	297.0	207.9	191.9	200.6	246.3	279.0	276.7	287.6	285.8	269.4	220.3	233.3	297.0	287.6
	2019	248.2	204.9	210.0	233.5	295.5	303.7	292.8	287.6	291.6	260.3	218.5	200.6	248.2	303.7
	2020	246.6	209.1	243.4	229.9	275.0	302.7	297.9	295.2	294.4	256.8	229.8	209.0	246.6	302.7
Projected	2021	275.4	251.9	216.7	234.4	269.7	290.5	286.3	296.8	279.9	252.1	227.6	207.0	275.4	296.8
	2022	272.8	249.6	214.6	232.9	268.1	288.6	284.5	294.9	278.1	250.6	227.4	206.8	272.8	294.9
	2023	272.6	249.3	214.4	232.2	267.2	287.6	283.5	293.9	277.1	249.8	228.6	207.9	272.6	293.9
	2024	274.0	250.6	215.5	231.2	266.1	286.3	282.2	292.5	275.9	248.7	226.0	205.6	274.0	292.5
	2025	270.9	247.8	213.1	230.5	265.4	285.4	281.3	291.6	275.0	248.0	225.6	205.2	270.9	291.6
	2026	270.4	247.4	212.8	230.0	264.7	284.5	280.5	290.8	274.1	247.4	225.3	204.9	270.4	290.8
	2027	270.1	247.1	212.5	229.6	264.4	283.9	279.9	290.2	273.5	247.0	227.1	206.6	270.1	290.2
	2028	272.2	249.0	214.2	229.5	264.2	283.6	279.6	289.8	273.2	246.9	225.5	205.1	272.2	289.8
	2029	270.2	247.2	212.6	229.5	264.3	283.6	279.5	289.8	273.2	246.9	225.8	205.4	270.2	289.8
	2030	270.6	247.6	212.9	229.8	264.6	283.7	279.6	289.9	273.3	247.3	226.3	205.8	270.6	289.9
Projected	2031	271.2	248.1	213.4	230.1	265.1	284.0	279.9	290.2	273.5	247.6	228.6	207.9	271.2	290.2
	2032	274.0	250.7	215.6	230.5	265.6	284.4	280.3	290.7	273.9	248.1	227.4	206.8	274.0	290.7
	2033	272.5	249.3	214.4	230.9	266.0	284.8	280.7	291.1	274.3	248.5	227.9	207.3	272.5	291.1
	2034	273.2	249.9	214.9	231.4	266.6	285.2	281.1	291.5	274.7	249.0	228.5	207.8	273.2	291.5
	2035	273.9	250.5	215.5	231.8	267.1	285.7	281.5	292.0	275.1	249.5	231.0	210.1	273.9	292.0
	2036	276.9	253.3	217.8	232.3	267.7	286.1	281.9	292.4	275.5	250.0	229.7	208.9	276.9	292.4
	2037	275.3	251.9	216.6	232.7	268.1	286.4	282.3	292.8	275.8	250.4	230.2	209.4	275.3	292.8
	2038	275.9	252.4	217.1	233.1	268.7	286.8	282.7	293.2	276.2	250.9	230.9	210.0	275.9	293.2
	2039	276.7	253.2	217.7	233.6	269.2	287.3	283.1	293.7	276.6	251.4	233.4	212.3	276.7	293.7
	2040	279.8	256.0	220.1	234.0	269.8	287.7	283.5	294.1	277.0	251.9	234.1	212.9	279.8	294.1

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	50.8%	55.7%	67.2%	58.0%	59.4%	61.4%	62.5%	65.6%	65.7%	60.2%	64.9%	66.4%	51.7%	51.2%
	2012	49.2%	48.5%	65.2%	60.0%	60.9%	59.9%	63.6%	63.5%	62.7%	59.1%	61.6%	63.9%	54.4%	53.7%
	2013	61.7%	53.6%	53.1%	62.4%	60.5%	62.4%	61.0%	63.2%	62.3%	60.9%	63.9%	64.2%	60.0%	51.3%
	2014	57.5%	56.8%	65.7%	55.4%	60.3%	62.3%	62.3%	62.3%	58.9%	58.1%	53.9%	61.4%	57.1%	50.7%
	2015	57.5%	49.3%	65.2%	63.8%	60.6%	61.3%	63.0%	61.9%	61.6%	60.6%	57.3%	68.1%	54.1%	52.0%
	2016	53.0%	52.9%	62.2%	57.4%	59.8%	64.1%	64.6%	63.3%	66.0%	61.5%	63.7%	68.4%	58.9%	51.3%
	2017	55.5%	64.7%	61.2%	55.3%	60.3%	60.6%	63.2%	64.4%	60.5%	56.9%	63.7%	55.4%	64.1%	51.3%
	2018	52.9%	62.6%	64.8%	64.8%	61.3%	63.3%	62.8%	64.6%	64.4%	58.4%	60.0%	55.5%	51.4%	53.1%
	2019	56.2%	62.5%	60.0%	59.3%	58.7%	60.4%	62.1%	64.5%	62.0%	62.3%	58.1%	62.9%	62.3%	50.9%
	2020	54.2%	62.9%	58.2%	60.3%	55.8%	59.7%	62.0%	63.5%	59.9%	57.4%	56.8%	66.3%	62.6%	51.0%
Projected	2021	51.9%	55.0%	61.3%	58.3%	59.1%	61.4%	63.8%	62.9%	61.3%	57.8%	56.9%	66.1%	55.8%	51.8%
	2022	51.9%	55.2%	61.6%	58.0%	59.2%	61.2%	63.8%	63.1%	61.4%	58.0%	56.9%	66.1%	56.0%	51.8%
	2023	51.8%	55.2%	61.6%	58.0%	59.2%	61.2%	63.8%	63.1%	61.4%	58.0%	56.5%	65.6%	55.9%	51.8%
	2024	51.3%	56.2%	61.0%	58.1%	59.3%	61.2%	63.8%	63.1%	61.3%	58.1%	56.9%	66.1%	55.6%	52.1%
	2025	51.7%	55.2%	61.5%	58.1%	59.3%	61.2%	63.8%	63.1%	61.4%	58.1%	56.9%	66.1%	55.8%	51.9%
	2026	51.7%	55.1%	61.4%	58.1%	59.3%	61.2%	63.8%	63.1%	61.4%	58.1%	56.8%	66.0%	55.8%	51.9%
	2027	51.6%	55.1%	61.3%	58.1%	59.2%	61.2%	63.8%	63.1%	61.4%	58.1%	56.3%	65.4%	55.7%	51.9%
	2028	51.2%	56.1%	60.8%	58.0%	59.2%	61.2%	63.8%	63.1%	61.4%	58.0%	56.6%	65.9%	55.5%	52.1%
	2029	51.6%	55.0%	61.2%	58.0%	59.2%	61.2%	63.8%	63.1%	61.4%	58.0%	56.5%	65.9%	55.7%	51.9%
	2030	51.5%	55.0%	61.1%	57.9%	59.1%	61.2%	63.8%	63.1%	61.4%	58.0%	56.5%	65.8%	55.6%	51.9%
Avg.	2011-2020	54.8%	57.0%	62.3%	59.7%	59.8%	61.5%	62.7%	63.7%	62.4%	59.5%	60.4%	63.2%	57.7%	51.6%
	2021-2030	51.6%	55.3%	61.3%	58.1%	59.2%	61.2%	63.8%	63.1%	61.4%	58.0%	56.7%	65.9%	55.7%	51.9%

FMPA 2021 Load Forecast - Low Economic Case

Ocala

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	268.3	227.1	154.5	232.8	251.3	282.3	269.8	280.7	251.4	208.5	181.4	156.9	277.2	280.7
	2012	260.9	250.8	192.0	214.5	236.8	261.7	260.1	263.9	256.7	234.5	155.9	194.0	260.9	260.1
	2013	197.8	236.1	234.4	198.3	226.1	256.8	265.2	275.8	262.7	232.3	183.6	168.7	234.4	275.8
	2014	253.2	224.1	142.2	234.0	248.0	261.2	264.7	285.1	269.3	234.7	232.5	207.3	253.2	285.1
	2015	230.5	275.5	197.0	218.1	256.0	286.6	264.6	278.2	253.9	231.5	236.1	186.1	275.5	286.6
	2016	257.3	250.9	205.3	234.5	255.5	289.0	289.3	290.5	255.4	215.9	195.4	184.0	236.1	289.3
	2017	229.4	190.0	209.9	256.2	258.7	274.8	280.4	288.1	253.9	265.6	194.0	235.0	209.9	288.1
	2018	291.6	207.9	185.8	194.4	245.0	254.6	275.3	287.6	275.7	266.7	217.6	233.3	291.6	287.6
	2019	234.0	204.9	199.9	233.5	295.5	303.7	292.5	281.1	291.6	248.2	217.2	164.8	217.6	303.7
	2020	246.6	196.4	243.4	228.7	263.7	298.7	269.6	295.2	291.6	252.4	222.5	198.6	243.4	298.7
Projected	2021	272.9	250.3	207.2	230.2	263.4	286.2	279.1	294.6	274.6	247.8	220.4	196.8	272.9	294.6
	2022	270.3	248.0	205.3	228.8	261.8	284.4	277.3	292.7	272.8	246.3	220.2	196.6	270.3	292.7
	2023	270.1	247.7	205.1	228.0	261.0	283.4	276.3	291.7	271.9	245.5	221.4	197.6	270.1	291.7
	2024	271.4	249.0	206.1	227.1	259.9	282.1	275.1	290.4	270.6	244.4	218.9	195.4	271.4	290.4
	2025	268.4	246.2	203.8	226.4	259.2	281.2	274.2	289.5	269.8	243.7	218.5	195.0	268.4	289.5
	2026	268.0	245.8	203.5	225.8	258.6	280.4	273.3	288.6	268.9	243.1	218.2	194.8	268.0	288.6
	2027	267.6	245.5	203.2	225.5	258.2	279.8	272.8	288.0	268.4	242.7	219.9	196.3	267.6	288.0
	2028	269.7	247.4	204.8	225.4	258.1	279.5	272.4	287.7	268.0	242.6	218.3	194.9	269.7	287.7
	2029	267.7	245.6	203.3	225.4	258.2	279.4	272.4	287.7	268.0	242.6	218.7	195.2	267.7	287.7
	2030	268.1	246.0	203.6	225.6	258.5	279.5	272.5	287.8	268.1	243.0	219.1	195.6	268.1	287.8
Projected	2031	268.7	246.5	204.1	226.0	258.9	279.8	272.7	288.1	268.3	243.3	221.4	197.6	268.7	288.1
	2032	271.5	249.1	206.2	226.4	259.3	280.2	273.1	288.5	268.7	243.8	220.2	196.5	271.5	288.5
	2033	270.0	247.7	205.0	226.8	259.8	280.6	273.5	288.9	269.0	244.2	220.7	197.0	270.0	288.9
	2034	270.6	248.3	205.5	227.2	260.3	281.0	273.9	289.3	269.4	244.7	221.3	197.5	270.6	289.3
	2035	271.4	248.9	206.1	227.7	260.9	281.4	274.3	289.8	269.8	245.2	223.7	199.7	271.4	289.8
	2036	274.3	251.7	208.3	228.1	261.4	281.8	274.7	290.2	270.2	245.6	222.4	198.6	274.3	290.2
	2037	272.8	250.2	207.1	228.4	261.8	282.2	275.0	290.6	270.5	246.0	223.0	199.0	272.8	290.6
	2038	273.4	250.8	207.6	228.9	262.3	282.6	275.4	291.0	270.9	246.5	223.6	199.6	273.4	291.0
	2039	274.2	251.5	208.2	229.3	262.9	283.0	275.8	291.5	271.3	247.0	226.1	201.8	274.2	291.5
	2040	277.2	254.3	210.5	229.8	263.5	283.4	276.2	291.9	271.7	247.5	226.7	202.3	277.2	291.9

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	99.7%	100.0%	86.6%	97.8%	97.4%	99.8%	98.3%	99.8%	99.6%	99.0%	98.8%	87.3%	99.1%	99.3%
	2012	100.0%	100.0%	100.0%	96.6%	94.1%	100.0%	98.3%	100.0%	100.0%	99.5%	79.9%	100.0%	100.0%	98.3%
	2013	100.0%	100.0%	100.0%	94.2%	96.9%	96.8%	100.0%	100.0%	99.3%	100.0%	96.8%	87.6%	99.3%	100.0%
	2014	100.0%	100.0%	78.5%	100.0%	100.0%	99.5%	96.5%	100.0%	99.7%	98.9%	100.0%	100.0%	100.0%	100.0%
	2015	100.0%	100.0%	99.3%	97.1%	98.7%	100.0%	97.7%	98.8%	95.3%	100.0%	99.4%	98.3%	100.0%	100.0%
	2016	100.0%	100.0%	100.0%	100.0%	98.0%	100.0%	98.0%	100.0%	97.5%	92.7%	99.9%	100.0%	91.8%	98.0%
	2017	98.6%	99.7%	100.0%	100.0%	96.3%	99.4%	99.4%	99.1%	94.2%	100.0%	100.0%	100.0%	90.3%	99.1%
	2018	98.2%	100.0%	96.8%	96.9%	99.5%	91.3%	99.5%	100.0%	96.5%	99.0%	98.8%	100.0%	98.2%	100.0%
	2019	94.3%	100.0%	95.2%	100.0%	100.0%	100.0%	99.9%	97.7%	100.0%	95.4%	99.4%	82.1%	87.7%	100.0%
	2020	100.0%	93.9%	100.0%	99.5%	95.9%	98.7%	90.5%	100.0%	99.0%	98.3%	96.8%	95.0%	98.7%	98.7%
Projected	2021	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2022	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2023	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2024	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2025	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2026	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2027	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2028	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2029	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.4%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2030	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.4%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2011-2020	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.8%	99.5%	98.1%	98.3%	97.0%	95.0%	96.5%	99.3%
	2021-2030	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%

FMPA 2021 Load Forecast - Low Economic Case - Ocala

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service Non-Demand						Industrial						Lights		City		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	523,603		39,663		13,201		167,759		7,242		23.2		554,408		1,009		549		12,460		13,122		1,271,352		30,922	2.4%	1,302,274	
	2012	471,445	-10.0%	40,083	1.1%	11,762	-10.9%	158,200	-5.7%	6,984	-3.6%	22.7	-2.2%	529,949	-4.4%	1,008	-0.1%	526	-4.3%	12,541	0.6%	13,024	-0.7%	1,185,159	-6.8%	45,400	3.7%	1,230,559	-5.5%
	2013	478,340	1.5%	40,173	0.2%	11,907	1.2%	158,730	0.3%	7,165	2.6%	22.2	-2.2%	533,600	0.7%	1,000	-0.8%	534	1.5%	12,775	1.9%	13,192	1.3%	1,196,637	1.0%	41,830	3.4%	1,238,467	0.6%
	2014	490,714	2.6%	40,231	0.1%	12,197	2.4%	165,155	4.0%	7,249	1.2%	22.8	2.9%	523,308	-1.9%	963	-3.7%	543	1.8%	11,874	-7.1%	23,046	74.7%	1,214,097	1.5%	49,237	3.9%	1,263,334	2.0%
	2015	510,914	4.1%	40,906	1.7%	12,490	2.4%	169,061	2.4%	7,365	1.6%	23.0	0.8%	528,839	1.1%	990	2.8%	534	-1.7%	12,150	2.3%	23,894	3.7%	1,244,858	2.5%	49,913	3.9%	1,294,771	2.5%
	2016	532,510	4.2%	41,183	0.7%	12,930	3.5%	167,558	-0.9%	7,410	0.6%	22.6	-1.5%	562,681	6.4%	1,017	2.7%	553	3.6%	12,030	-1.0%	24,924	4.3%	1,299,703	4.4%	36,796	2.8%	1,336,499	3.2%
	2017	507,466	-4.7%	41,585	1.0%	12,203	-5.6%	160,633	-4.1%	7,461	0.7%	21.5	-4.8%	556,672	-1.1%	1,041	2.4%	535	-3.4%	12,217	1.6%	24,783	-0.6%	1,261,771	-2.9%	34,639	2.7%	1,296,410	-3.0%
	2018	520,318	2.5%	41,941	0.9%	12,406	1.7%	160,227	-0.3%	7,532	1.0%	21.3	-1.2%	556,977	0.1%	1,061	1.8%	525	-1.7%	12,452	1.9%	23,850	-3.8%	1,273,823	1.0%	54,310	4.1%	1,328,133	2.4%
	2019	541,137	4.0%	42,614	1.6%	12,699	2.4%	168,516	5.2%	7,693	2.1%	21.9	3.0%	566,333	1.7%	990	-6.6%	572	8.9%	12,939	3.9%	24,293	1.9%	1,313,218	3.1%	42,897	3.2%	1,356,115	2.1%
	2020	553,147	2.2%	43,036	1.0%	12,853	1.2%	168,127	-0.2%	7,790	1.3%	21.6	-1.5%	547,107	-3.4%	925	-6.6%	591	3.4%	13,072	1.0%	24,503	0.9%	1,305,956	-0.6%	44,562	3.3%	1,350,518	-0.4%
Projected	2021	555,789	0.5%	43,540	1.2%	12,765	-0.7%	167,346	-0.5%	7,778	-0.2%	21.5	-0.3%	543,226	-0.7%	939	1.5%	579	-2.1%	13,072	0.0%	24,741	1.0%	1,304,173	-0.1%	47,053	3.5%	1,351,226	0.1%
	2022	545,189	-1.9%	43,585	0.1%	12,509	-2.0%	164,682	-1.6%	7,743	-0.5%	21.3	-1.1%	547,755	0.8%	937	-0.2%	585	1.0%	13,072	0.0%	24,413	-1.3%	1,295,111	-0.7%	46,541	3.5%	1,341,652	-0.7%
	2023	538,046	-1.3%	43,730	0.3%	12,304	-1.6%	164,414	-0.2%	7,744	0.0%	21.2	-0.2%	553,258	1.0%	938	0.0%	590	1.0%	13,072	0.0%	24,238	-0.7%	1,293,029	-0.2%	46,467	3.5%	1,339,495	-0.2%
	2024	528,603	-1.8%	43,889	0.4%	12,044	-2.1%	164,504	0.1%	7,753	0.1%	21.2	-0.1%	558,902	1.0%	943	0.6%	593	0.5%	13,072	0.0%	24,091	-0.6%	1,289,172	-0.3%	52,109	3.9%	1,341,281	0.1%
	2025	522,661	-1.1%	44,048	0.4%	11,866	-1.5%	164,693	0.1%	7,763	0.1%	21.2	0.0%	561,603	0.5%	949	0.7%	592	-0.2%	13,072	0.0%	23,957	-0.6%	1,285,985	-0.2%	46,215	3.5%	1,332,200	-0.7%
	2026	519,513	-0.6%	44,199	0.3%	11,754	-0.9%	164,953	0.2%	7,774	0.1%	21.2	0.0%	562,505	0.2%	956	0.7%	588	-0.6%	13,072	0.0%	23,845	-0.5%	1,283,888	-0.2%	46,142	3.5%	1,330,030	-0.2%
	2027	517,666	-0.4%	44,333	0.3%	11,677	-0.7%	165,223	0.2%	7,785	0.1%	21.2	0.0%	562,746	0.0%	963	0.7%	584	-0.7%	13,072	0.0%	23,865	0.1%	1,282,572	-0.1%	46,102	3.5%	1,328,674	-0.1%
	2028	516,896	-0.1%	44,461	0.3%	11,626	-0.4%	165,535	0.2%	7,796	0.1%	21.2	0.0%	563,133	0.1%	970	0.7%	580	-0.7%	13,072	0.0%	23,954	0.4%	1,282,590	0.0%	51,860	3.9%	1,334,450	0.4%
	2029	516,889	0.0%	44,584	0.3%	11,594	-0.3%	165,906	0.2%	7,809	0.2%	21.2	0.1%	563,925	0.1%	978	0.8%	577	-0.6%	13,072	0.0%	24,046	0.4%	1,283,839	0.1%	46,161	3.5%	1,330,000	-0.3%
	2030	517,311	0.1%	44,700	0.3%	11,573	-0.2%	166,343	0.3%	7,822	0.2%	21.3	0.1%	565,222	0.2%	985	0.8%	574	-0.5%	13,072	0.0%	24,141	0.4%	1,286,089	0.2%	46,247	3.5%	1,332,335	0.2%
	2031	518,129	0.2%	44,800	0.2%	11,565	-0.1%	166,773	0.3%	7,835	0.2%	21.3	0.1%	566,607	0.2%	993	0.8%	571	-0.5%	13,072	0.0%	24,241	0.4%	1,288,823	0.2%	46,345	3.5%	1,335,168	0.2%
	2032	519,064	0.2%	44,877	0.2%	11,566	0.0%	167,187	0.2%	7,847	0.2%	21.3	0.1%	568,059	0.3%	1,000	0.7%	568	-0.5%	13,072	0.0%	24,396	0.6%	1,291,778	0.2%	52,244	3.9%	1,344,022	0.7%
	2033	520,037	0.2%	44,947	0.2%	11,570	0.0%	167,618	0.3%	7,859	0.2%	21.3	0.1%	569,725	0.3%	1,007	0.7%	566	-0.4%	13,072	0.0%	24,581	0.8%	1,295,033	0.3%	46,572	3.5%	1,341,605	-0.2%
	2034	520,892	0.2%	45,012	0.1%	11,572	0.0%	168,012	0.2%	7,870	0.1%	21.3	0.1%	571,455	0.3%	1,015	0.7%	563	-0.4%	13,072	0.0%	24,768	0.8%	1,298,199	0.2%	46,687	3.5%	1,344,887	0.2%
	2035	521,902	0.2%	45,074	0.1%	11,579	0.1%	168,403	0.2%	7,881	0.1%	21.4	0.1%	573,339	0.3%	1,022	0.7%	561	-0.4%	13,072	0.0%	24,957	0.8%	1,301,673	0.3%	46,814	3.5%	1,348,487	0.3%
	2036	522,862	0.2%	45,129	0.1%	11,586	0.1%	168,802	0.2%	7,892	0.1%	21.4	0.1%	575,300	0.3%	1,030	0.7%	559	-0.4%	13,072	0.0%	25,144	0.7%	1,305,180	0.3%	52,790	3.9%	1,357,969	0.7%
	2037	523,666	0.2%	45,171	0.1%	11,593	0.1%	169,169	0.2%	7,902	0.1%	21.4	0.1%	577,114	0.3%	1,037	0.7%	556	-0.4%	13,072	0.0%	25,308	0.7%	1,308,329	0.2%	47,053	3.5%	1,355,382	-0.2%
	2038	524,678	0.2%	45,212	0.1%	11,605	0.1%	169,535	0.2%	7,912	0.1%	21.4	0.1%	578,847	0.3%	1,044	0.7%	554	-0.4%	13,072	0.0%	25,461	0.6%	1,311,593	0.2%	47,173	3.5%	1,358,765	0.2%
	2039	526,155	0.3%	45,250	0.1%	11,628	0.2%	169,918	0.2%	7,922	0.1%	21.4	0.1%	580,550	0.3%	1,052	0.7%	552	-0.4%	13,072	0.0%	25,615	0.6%	1,315,311	0.3%	47,307	3.5%	1,362,618	0.3%
	2040	527,670	0.3%	45,289	0.1%	11,651	0.2%	170,311	0.2%	7,932	0.1%	21.5	0.1%	582,208	0.3%	1,059	0.7%	550	-0.4%	13,072	0.0%	25,770	0.6%	1,319,032	0.3%	53,352	3.9%	1,372,384	0.7%
CAGR	2011-2020		0.6%		0.9%		-0.3%		0.0%		0.8%		-0.8%		-0.1%		-1.0%		0.8%		0.5%		7.2%		0.3%		3.3%		0.4%
	2021-2030		-0.8%		0.3%		-1.1%		-0.1%		0.1%		-0.1%		0.4%		0.5%		-0.1%		0.0%		-0.3%		-0.2%		3.6%		-0.2%
	2031-2040		0.2%		0.1%		0.1%		0.2%		0.1%		0.1%		0.3%		0.7%		-0.4%		0.0%		0.7%		0.3%		3.6%		0.3%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - High Economic Case

Ocala

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	1,302,274	-	1,254,459	-	-3.7%	277.2	-	268.4	-	-3.2%	280.7	-	257.5		-8.3%
	2012	1,230,559	-5.5%	1,241,370	-1.0%	0.9%	260.9	-5.9%	248.9	-7.2%	-4.6%	260.1	-7.3%	289.5	12.4%	11.3%
	2013	1,238,467	0.6%	1,245,645	0.3%	0.6%	234.4	-10.1%	231.6	-7.0%	-1.2%	275.8	6.0%	281.1	-2.9%	1.9%
	2014	1,263,334	2.0%	1,271,722	2.1%	0.7%	253.2	8.0%	261.3	12.8%	3.2%	285.1	3.4%	288.5	2.6%	1.2%
	2015	1,294,771	2.5%	1,273,776	0.2%	-1.6%	275.5	8.8%	257.9	-1.3%	-6.4%	286.6	0.5%	296.9	2.9%	3.6%
	2016	1,336,499	3.2%	1,304,293	2.4%	-2.4%	236.1	-14.3%	265.5	2.9%	12.5%	289.3	0.9%	285.2	-4.0%	-1.4%
	2017	1,296,410	-3.0%	1,305,825	0.1%	0.7%	209.9	-11.1%	226.6	-14.7%	7.9%	288.1	-0.4%	303.1	6.3%	5.2%
	2018	1,328,133	2.4%	1,284,846	-1.6%	-3.3%	291.6	38.9%	288.5	27.3%	-1.1%	287.6	-0.2%	279.1	-7.9%	-3.0%
	2019	1,356,115	2.1%	1,305,690	1.6%	-3.7%	217.6	-25.4%	276.2	-4.3%	26.9%	303.7	5.6%	302.1	8.3%	-0.5%
	2020	1,350,518	-0.4%	1,361,654	4.3%	0.8%	243.4	11.9%	263.8	-4.5%	8.4%	298.7	-1.6%	291.7	-3.5%	-2.4%
Projected	2021	1,370,094	1.4%	1,370,094	0.6%		273.7	12.5%	273.7	3.8%		302.7	1.3%	302.7	3.8%	
	2022			1,407,748	2.7%				282.1	3.0%				310.1	2.4%	
	2023			1,437,312	2.1%				288.3	2.2%				315.9	1.9%	
	2024			1,467,300	2.1%				295.6	2.5%				320.6	1.5%	
	2025			1,481,440	1.0%				297.3	0.6%				324.9	1.3%	
	2026			1,500,405	1.3%				301.1	1.3%				328.8	1.2%	
	2027			1,518,706	1.2%				304.7	1.2%				332.8	1.2%	
	2028			1,544,079	1.7%				311.0	2.0%				336.9	1.2%	
	2029			1,556,775	0.8%				312.3	0.4%				341.2	1.3%	
	2030			1,576,665	1.3%				316.2	1.3%				345.5	1.3%	
	2031			1,596,638	1.3%				320.3	1.3%				349.8	1.2%	
	2032			1,623,432	1.7%				326.9	2.1%				354.2	1.2%	
	2033			1,636,309	0.8%				328.2	0.4%				358.4	1.2%	
	2034			1,655,788	1.2%				332.1	1.2%				362.7	1.2%	
	2035			1,675,412	1.2%				336.1	1.2%				367.0	1.2%	
	2036			1,702,176	1.6%				342.8	2.0%				371.1	1.1%	
	2037			1,713,681	0.7%				343.8	0.3%				375.2	1.1%	
	2038			1,732,492	1.1%				347.5	1.1%				379.3	1.1%	
	2039			1,751,779	1.1%				351.4	1.1%				383.5	1.1%	
	2040			1,778,578	1.5%				358.1	1.9%				387.7	1.1%	
CAGR [3]	2011-2020		0.4%		0.9%			-1.4%		-0.2%			0.7%		1.4%	
	2021-2030				1.6%					1.6%					1.5%	
	2031-2040				1.2%					1.2%					1.1%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Ocala

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	1,302,274	-	1,302,274	-	279.6	282.8	279.6	282.8	277.2	280.7	277.2	280.7
	2012	1,230,559	-5.5%	1,230,559	-5.5%	260.9	264.6	260.9	264.6	260.9	260.1	260.9	260.1
	2013	1,238,467	0.6%	1,238,467	0.6%	236.1	275.8	236.1	275.8	234.4	275.8	234.4	275.8
	2014	1,263,334	2.0%	1,263,334	2.0%	253.2	285.1	253.2	285.1	253.2	285.1	253.2	285.1
	2015	1,294,771	2.5%	1,294,771	2.5%	275.5	286.6	275.5	286.6	275.5	286.6	275.5	286.6
	2016	1,336,499	3.2%	1,336,499	3.2%	257.3	295.3	257.3	295.3	236.1	289.3	236.1	289.3
	2017	1,296,410	-3.0%	1,296,410	-3.0%	232.6	290.6	232.6	290.6	209.9	288.1	209.9	288.1
	2018	1,328,133	2.4%	1,328,133	2.4%	297.0	287.6	297.0	287.6	291.6	287.6	291.6	287.6
	2019	1,356,115	2.1%	1,356,115	2.1%	248.2	303.7	248.2	303.7	217.6	303.7	217.6	303.7
	2020	1,350,518	-0.4%	1,344,598	-0.8%	246.6	302.7	276.4	297.4	243.4	298.7	273.9	295.2
Projected	2021	1,370,094	1.4%	1,371,110	2.0%	276.3	304.9	282.0	303.6	273.7	302.7	279.4	301.4
	2022	1,407,748	2.7%	1,397,307	1.9%	284.7	312.3	287.4	309.2	282.1	310.1	284.7	307.0
	2023	1,437,312	2.1%	1,420,602	1.7%	290.9	318.2	292.3	314.1	288.3	315.9	289.6	311.8
	2024	1,467,300	2.1%	1,447,159	1.9%	298.3	322.9	299.0	318.5	295.6	320.6	296.3	316.2
	2025	1,481,440	1.0%	1,459,980	0.9%	300.0	327.2	300.6	322.6	297.3	324.9	297.8	320.2
	2026	1,500,405	1.3%	1,477,908	1.2%	303.9	331.3	304.3	326.4	301.1	328.8	301.5	324.1
	2027	1,518,706	1.2%	1,494,726	1.1%	307.6	335.3	307.8	330.1	304.7	332.8	305.0	327.7
	2028	1,544,079	1.7%	1,517,516	1.5%	313.9	339.4	313.7	333.6	311.0	336.9	310.8	331.2
	2029	1,556,775	0.8%	1,526,792	0.6%	315.2	343.7	314.4	337.1	312.3	341.2	311.5	334.6
	2030	1,576,665	1.3%	1,542,439	1.0%	319.2	348.1	317.6	340.5	316.2	345.5	314.7	338.0
	2031	1,596,638	1.3%	1,558,499	1.0%	323.3	352.4	320.9	344.1	320.3	349.8	318.0	341.6
	2032	1,623,432	1.7%	1,581,408	1.5%	329.9	356.8	326.9	347.6	326.9	354.2	323.9	345.1
	2033	1,636,309	0.8%	1,590,510	0.6%	331.3	361.1	327.6	351.0	328.2	358.4	324.5	348.5
	2034	1,655,788	1.2%	1,605,600	0.9%	335.2	365.3	330.7	354.3	332.1	362.7	327.6	351.7
	2035	1,675,412	1.2%	1,620,442	0.9%	339.2	369.6	333.7	357.5	336.1	367.0	330.6	354.9
	2036	1,702,176	1.6%	1,641,984	1.3%	346.0	373.8	339.5	360.7	342.8	371.1	336.3	358.0
	2037	1,713,681	0.7%	1,648,817	0.4%	347.0	377.9	339.6	363.7	343.8	375.2	336.5	361.0
	2038	1,732,492	1.1%	1,662,697	0.8%	350.7	382.1	342.4	366.8	347.5	379.3	339.3	364.1
	2039	1,751,779	1.1%	1,677,029	0.9%	354.6	386.3	345.4	369.9	351.4	383.5	342.2	367.2
	2040	1,778,578	1.5%			361.5	390.5			358.1	387.7		
CAGR[1]	Historical		0.4%		0.5%	-1.4%	0.8%	-1.5%	0.9%	-0.9%	1.7%	-2.6%	2.2%
	1st 10 Prj Yrs		1.6%		1.4%	1.6%	1.5%	1.4%	1.4%	1.6%	1.5%	1.4%	1.4%
	2nd 10 Prj Yrs		1.2%		0.9%	1.2%	1.1%	0.9%	0.9%	1.2%	1.1%	0.9%	0.9%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Ocala

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	1,302,274	-	1,254,459	-	-3.7%	277.2	-	268.4	-	-3.2%	280.7	-	257.5		-8.3%
	2012	1,230,559	-5.5%	1,241,370	-1.0%	0.9%	260.9	-5.9%	248.9	-7.2%	-4.6%	260.1	-7.3%	289.5	12.4%	11.3%
	2013	1,238,467	0.6%	1,245,645	0.3%	0.6%	234.4	-10.1%	231.6	-7.0%	-1.2%	275.8	6.0%	281.1	-2.9%	1.9%
	2014	1,263,334	2.0%	1,271,722	2.1%	0.7%	253.2	8.0%	261.3	12.8%	3.2%	285.1	3.4%	288.5	2.6%	1.2%
	2015	1,294,771	2.5%	1,273,776	0.2%	-1.6%	275.5	8.8%	257.9	-1.3%	-6.4%	286.6	0.5%	296.9	2.9%	3.6%
	2016	1,336,499	3.2%	1,304,293	2.4%	-2.4%	236.1	-14.3%	265.5	2.9%	12.5%	289.3	0.9%	285.2	-4.0%	-1.4%
	2017	1,296,410	-3.0%	1,305,825	0.1%	0.7%	209.9	-11.1%	226.6	-14.7%	7.9%	288.1	-0.4%	303.1	6.3%	5.2%
	2018	1,328,133	2.4%	1,284,846	-1.6%	-3.3%	291.6	38.9%	288.5	27.3%	-1.1%	287.6	-0.2%	279.1	-7.9%	-3.0%
	2019	1,356,115	2.1%	1,305,690	1.6%	-3.7%	217.6	-25.4%	276.2	-4.3%	26.9%	303.7	5.6%	302.1	8.3%	-0.5%
	2020	1,350,518	-0.4%	1,354,179	3.7%	0.3%	243.4	11.9%	263.8	-4.5%	8.4%	298.7	-1.6%	291.7	-3.5%	-2.4%
Projected	2021	1,367,762	1.3%	1,367,762	1.0%		273.7	12.5%	273.7	3.8%		302.2	1.1%	302.2	3.6%	
	2022			1,404,503	2.7%				282.1	3.0%				309.3	2.4%	
	2023			1,433,151	2.0%				288.3	2.2%				314.9	1.8%	
	2024			1,462,123	2.0%				295.6	2.5%				319.4	1.4%	
	2025			1,475,174	0.9%				297.3	0.6%				323.4	1.3%	
	2026			1,492,682	1.2%				301.1	1.3%				327.0	1.1%	
	2027			1,509,412	1.1%				304.7	1.2%				330.6	1.1%	
	2028			1,533,112	1.6%				311.0	2.0%				334.3	1.1%	
	2029			1,544,087	0.7%				312.3	0.4%				338.1	1.1%	
	2030			1,562,172	1.2%				316.2	1.3%				342.1	1.2%	
	2031			1,580,914	1.2%				320.3	1.3%				346.1	1.2%	
	2032			1,606,420	1.6%				326.9	2.1%				350.1	1.2%	
	2033			1,618,038	0.7%				328.2	0.4%				354.1	1.1%	
	2034			1,636,219	1.1%				332.1	1.2%				358.0	1.1%	
	2035			1,654,504	1.1%				336.1	1.2%				362.0	1.1%	
	2036			1,679,840	1.5%				342.8	2.0%				365.8	1.1%	
	2037			1,689,899	0.6%				343.8	0.3%				369.5	1.0%	
	2038			1,707,271	1.0%				347.5	1.1%				373.3	1.0%	
	2039			1,724,932	1.0%				351.4	1.1%				377.1	1.0%	
	2040			1,750,064	1.5%				358.1	1.9%				380.9	1.0%	
CAGR [3]	2011-2020		0.4%		0.9%			-1.4%		-0.2%			0.7%		1.4%	
	2021-2030				1.5%					1.6%					1.4%	
	2031-2040				1.1%					1.2%					1.1%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Ocala

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	1,302,274	-	1,254,459	-	-3.7%	279.6	-	53.2%	282.8	-	52.6%
	2012	1,230,559	-5.5%	1,241,370	-1.0%	0.9%	260.9	-6.7%	53.9%	264.6	-6.4%	53.1%
	2013	1,238,467	0.6%	1,245,645	0.3%	0.6%	236.1	-9.5%	59.9%	275.8	4.2%	51.3%
	2014	1,263,334	2.0%	1,271,722	2.1%	0.7%	253.2	7.2%	57.0%	285.1	3.4%	50.6%
	2015	1,294,771	2.5%	1,273,776	0.2%	-1.6%	275.5	8.8%	53.7%	286.6	0.5%	51.6%
	2016	1,336,499	3.2%	1,304,293	2.4%	-2.4%	257.3	-6.6%	59.3%	295.3	3.0%	51.7%
	2017	1,296,410	-3.0%	1,305,825	0.1%	0.7%	232.6	-9.6%	63.6%	290.6	-1.6%	50.9%
	2018	1,328,133	2.4%	1,284,846	-1.6%	-3.3%	297.0	27.7%	51.0%	287.6	-1.1%	52.7%
	2019	1,356,115	2.1%	1,305,690	1.6%	-3.7%	248.2	-16.4%	62.4%	303.7	5.6%	51.0%
	2020	1,350,518	-0.4%	1,361,654	4.3%	0.8%	246.6	-0.7%	62.5%	302.7	-0.3%	50.9%
Projected	2021	1,367,762	1.3%	1,367,762	0.4%		276.3	12.1%	56.5%	304.4	0.5%	51.3%
	2022	1,404,503	2.7%	1,404,503	2.7%		284.7	3.0%	56.3%	311.6	2.4%	51.5%
	2023	1,433,151	2.0%	1,433,151	2.0%		290.9	2.2%	56.2%	317.2	1.8%	51.6%
	2024	1,462,123	2.0%	1,462,123	2.0%		298.3	2.5%	56.0%	321.7	1.4%	51.9%
	2025	1,475,174	0.9%	1,475,174	0.9%		300.0	0.6%	56.1%	325.7	1.3%	51.7%
	2026	1,492,682	1.2%	1,492,682	1.2%		303.9	1.3%	56.1%	329.4	1.1%	51.7%
	2027	1,509,412	1.1%	1,509,412	1.1%		307.6	1.2%	56.0%	333.0	1.1%	51.7%
	2028	1,533,112	1.6%	1,533,112	1.6%		313.9	2.0%	55.8%	336.8	1.1%	52.0%
	2029	1,544,087	0.7%	1,544,087	0.7%		315.2	0.4%	55.9%	340.6	1.1%	51.7%
	2030	1,562,172	1.2%	1,562,172	1.2%		319.2	1.3%	55.9%	344.6	1.2%	51.7%
	2031	1,580,914	1.2%	1,580,914	1.2%		323.3	1.3%	55.8%	348.7	1.2%	51.8%
	2032	1,606,420	1.6%	1,606,420	1.6%		329.9	2.1%	55.6%	352.7	1.2%	52.0%
	2033	1,618,038	0.7%	1,618,038	0.7%		331.3	0.4%	55.8%	356.7	1.1%	51.8%
	2034	1,636,219	1.1%	1,636,219	1.1%		335.2	1.2%	55.7%	360.7	1.1%	51.8%
	2035	1,654,504	1.1%	1,654,504	1.1%		339.2	1.2%	55.7%	364.7	1.1%	51.8%
	2036	1,679,840	1.5%	1,679,840	1.5%		346.0	2.0%	55.4%	368.5	1.1%	52.0%
	2037	1,689,899	0.6%	1,689,899	0.6%		347.0	0.3%	55.6%	372.3	1.0%	51.8%
	2038	1,707,271	1.0%	1,707,271	1.0%		350.7	1.1%	55.6%	376.1	1.0%	51.8%
	2039	1,724,932	1.0%	1,724,932	1.0%		354.6	1.1%	55.5%	379.9	1.0%	51.8%
	2040	1,750,064	1.5%	1,750,064	1.5%		361.5	1.9%	55.3%	383.7	1.0%	52.1%
CAGR [1]	2011-2020		0.4%		0.9%			-1.4%	57.6%		0.8%	51.6%
	2021-2030		1.5%		1.5%			1.6%	56.1%		1.4%	51.7%
	2031-2040		1.1%		1.1%			1.2%	55.6%		1.1%	51.9%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Ocala

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	101,650	84,973	89,206	99,395	114,074	124,948	127,576	137,207	119,373	94,319	85,733	88,775	1,267,229	1,302,274
	2012	95,461	84,678	93,163	95,804	114,125	112,824	125,112	124,750	115,815	103,591	86,570	92,171	1,244,063	1,230,559
	2013	90,870	85,099	92,695	94,643	104,963	119,187	120,302	129,736	118,642	105,212	87,251	91,987	1,240,586	1,238,467
	2014	108,373	85,568	88,538	93,357	111,294	117,805	127,191	132,108	114,650	102,524	90,178	94,636	1,266,221	1,263,334
	2015	98,616	91,270	96,214	103,169	116,897	126,544	126,971	129,549	118,204	104,337	97,959	95,903	1,305,632	1,294,771
	2016	101,483	92,404	94,922	96,968	115,946	133,360	142,024	136,711	124,481	106,466	89,680	93,580	1,328,026	1,336,499
	2017	96,001	82,937	95,512	101,927	120,446	120,586	132,703	139,159	117,414	112,466	89,007	96,885	1,305,042	1,296,410
	2018	116,795	87,390	92,501	93,623	112,376	127,225	129,253	138,136	132,476	116,974	95,117	96,366	1,338,232	1,328,133
	2019	103,745	86,001	93,690	99,753	128,963	132,064	135,188	138,025	130,229	120,720	91,485	93,892	1,353,755	1,356,115
	2020	99,351	91,597	105,455	99,877	114,199	130,159	137,389	139,379	127,014	109,688	93,930	103,151	1,351,190	1,350,518
Projected	2021	106,721	93,773	99,761	99,818	120,661	131,072	139,031	142,758	127,399	112,202	96,920	106,077	1,376,192	1,367,762
	2022	109,823	96,859	103,192	102,183	124,223	134,050	142,480	146,292	130,203	114,981	99,287	108,486	1,412,058	1,404,503
	2023	112,058	98,981	105,306	104,288	126,782	136,487	145,052	148,943	132,501	117,020	101,151	110,376	1,438,945	1,433,151
	2024	113,873	106,882	106,973	106,069	128,788	138,471	147,189	151,027	134,303	118,756	102,628	111,918	1,466,877	1,462,123
	2025	115,378	101,946	108,396	107,493	130,514	140,206	149,035	152,921	135,983	120,243	103,934	113,348	1,479,397	1,475,174
	2026	116,781	103,201	109,681	108,780	132,069	141,801	150,710	154,638	137,496	121,598	105,109	114,666	1,496,531	1,492,682
	2027	118,104	104,390	110,896	110,002	133,569	143,356	152,368	156,345	139,009	122,955	106,289	116,008	1,513,290	1,509,412
	2028	119,459	112,228	112,135	111,242	135,097	144,959	154,070	158,108	140,563	124,352	107,497	117,388	1,537,096	1,533,112
	2029	120,867	106,864	113,404	112,521	136,673	146,611	155,825	159,918	142,168	125,790	108,739	118,806	1,548,185	1,544,087
	2030	122,310	108,153	114,715	113,836	138,288	148,307	157,630	161,781	143,816	127,323	110,067	120,292	1,566,520	1,562,172
Projected	2031	123,815	109,486	116,083	115,198	139,953	150,054	159,477	163,676	145,489	128,815	111,354	121,732	1,585,131	1,580,914
	2032	125,282	117,746	117,431	116,547	141,607	151,800	161,333	165,589	147,183	130,333	112,669	123,209	1,610,730	1,606,420
	2033	126,779	112,120	118,791	117,901	143,258	153,528	163,159	167,460	148,832	131,805	113,940	124,629	1,622,201	1,618,038
	2034	128,221	113,406	120,115	119,225	144,879	155,232	164,967	169,321	150,479	133,279	115,216	126,063	1,640,403	1,636,219
	2035	129,677	114,704	121,447	120,558	146,511	156,944	166,783	171,190	152,131	134,757	116,496	127,502	1,658,701	1,654,504
	2036	131,132	123,280	122,768	121,874	148,117	158,621	168,555	173,007	153,731	136,181	117,724	128,883	1,683,875	1,679,840
	2037	132,528	117,237	124,032	123,136	149,660	160,230	170,258	174,756	155,272	137,568	118,923	130,232	1,693,833	1,689,899
	2038	133,900	118,464	125,289	124,397	151,212	161,864	171,999	176,555	156,867	138,986	120,149	131,633	1,711,317	1,707,271
	2039	135,326	119,730	126,570	125,676	152,783	163,514	173,751	178,357	158,456	140,409	121,373	133,027	1,728,973	1,724,932
	2040	136,746	128,591	127,842	126,944	154,339	165,148	175,484	180,138	160,025	141,813	122,579	134,402	1,754,048	1,750,064

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	8.0%	6.7%	7.0%	7.8%	9.0%	9.9%	10.1%	10.8%	9.4%	7.4%	6.8%	7.0%	100.0%
	2012	7.7%	6.8%	7.5%	7.7%	9.2%	9.1%	10.1%	10.0%	9.3%	8.3%	7.0%	7.4%	100.0%
	2013	7.3%	6.9%	7.5%	7.6%	8.5%	9.6%	9.7%	10.5%	9.6%	8.5%	7.0%	7.4%	100.0%
	2014	8.6%	6.8%	7.0%	7.4%	8.8%	9.3%	10.0%	10.4%	9.1%	8.1%	7.1%	7.5%	100.0%
	2015	7.6%	7.0%	7.4%	7.9%	9.0%	9.7%	9.7%	9.9%	9.1%	8.0%	7.5%	7.3%	100.0%
	2016	7.6%	7.0%	7.1%	7.3%	8.7%	10.0%	10.7%	10.3%	9.4%	8.0%	6.8%	7.0%	100.0%
	2017	7.4%	6.4%	7.3%	7.8%	9.2%	9.2%	10.2%	10.7%	9.0%	8.6%	6.8%	7.4%	100.0%
	2018	8.7%	6.5%	6.9%	7.0%	8.4%	9.5%	9.7%	10.3%	9.9%	8.7%	7.1%	7.2%	100.0%
	2019	7.7%	6.4%	6.9%	7.4%	9.5%	9.8%	10.0%	10.2%	9.6%	8.9%	6.8%	6.9%	100.0%
	2020	7.4%	6.8%	7.8%	7.4%	8.5%	9.6%	10.2%	10.3%	9.4%	8.1%	7.0%	7.6%	100.0%
Projected	2021	7.8%	6.8%	7.2%	7.3%	8.8%	9.5%	10.1%	10.4%	9.3%	8.2%	7.0%	7.7%	100.0%
	2022	7.8%	6.9%	7.3%	7.2%	8.8%	9.5%	10.1%	10.4%	9.2%	8.1%	7.0%	7.7%	100.0%
	2023	7.8%	6.9%	7.3%	7.2%	8.8%	9.5%	10.1%	10.4%	9.2%	8.1%	7.0%	7.7%	100.0%
	2024	7.8%	7.3%	7.3%	7.2%	8.8%	9.4%	10.0%	10.3%	9.2%	8.1%	7.0%	7.6%	100.0%
	2025	7.8%	6.9%	7.3%	7.3%	8.8%	9.5%	10.1%	10.3%	9.2%	8.1%	7.0%	7.7%	100.0%
	2026	7.8%	6.9%	7.3%	7.3%	8.8%	9.5%	10.1%	10.3%	9.2%	8.1%	7.0%	7.7%	100.0%
	2027	7.8%	6.9%	7.3%	7.3%	8.8%	9.5%	10.1%	10.3%	9.2%	8.1%	7.0%	7.7%	100.0%
	2028	7.8%	7.3%	7.3%	7.2%	8.8%	9.4%	10.0%	10.3%	9.1%	8.1%	7.0%	7.6%	100.0%
	2029	7.8%	6.9%	7.3%	7.3%	8.8%	9.5%	10.1%	10.3%	9.2%	8.1%	7.0%	7.7%	100.0%
	2030	7.8%	6.9%	7.3%	7.3%	8.8%	9.5%	10.1%	10.3%	9.2%	8.1%	7.0%	7.7%	100.0%
Avg.	2011-2020	7.8%	6.7%	7.2%	7.5%	8.9%	9.6%	10.0%	10.3%	9.4%	8.3%	7.0%	7.3%	100.0%
	2021-2030	7.8%	7.0%	7.3%	7.3%	8.8%	9.5%	10.1%	10.3%	9.2%	8.1%	7.0%	7.7%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - High Economic Case

Ocala

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	269.1	227.1	178.4	238.0	258.1	282.8	274.5	281.3	252.3	210.6	183.5	179.7	279.6	282.8
	2012	260.9	250.8	192.0	221.9	251.7	261.7	264.6	263.9	256.7	235.7	195.2	194.0	260.9	264.6
	2013	197.8	236.1	234.4	210.5	233.3	265.3	265.2	275.8	264.5	232.3	189.7	192.7	236.1	275.8
	2014	253.2	224.1	181.3	234.0	248.0	262.5	274.3	285.1	270.2	237.2	232.5	207.3	253.2	285.1
	2015	230.5	275.5	198.5	224.6	259.4	286.6	270.8	281.4	266.4	231.5	237.6	189.4	275.5	286.6
	2016	257.3	250.9	205.3	234.5	260.7	289.1	295.3	290.5	261.9	232.8	195.6	184.0	257.3	295.3
	2017	232.6	190.6	209.9	256.2	268.5	276.4	282.0	290.6	269.5	265.6	194.0	235.0	232.6	290.6
	2018	297.0	207.9	191.9	200.6	246.3	279.0	276.7	287.6	285.8	269.4	220.3	233.3	297.0	287.6
	2019	248.2	204.9	210.0	233.5	295.5	303.7	292.8	287.6	291.6	260.3	218.5	200.6	248.2	303.7
	2020	246.6	209.1	243.4	229.9	275.0	302.7	297.9	295.2	294.4	256.8	230.5	209.7	246.6	302.7
Projected	2021	276.3	252.8	217.4	240.3	276.6	297.9	293.6	304.4	287.0	258.6	237.5	216.0	276.3	304.4
	2022	284.7	260.4	224.0	246.1	283.2	304.9	300.6	311.6	293.8	264.8	242.7	220.8	284.7	311.6
	2023	290.9	266.2	228.9	250.6	288.4	310.4	306.0	317.2	299.1	269.6	248.9	226.4	290.9	317.2
	2024	298.3	272.9	234.7	254.2	292.6	314.8	310.3	321.7	303.4	273.5	250.3	227.7	298.3	321.7
	2025	300.0	274.5	236.0	257.5	296.4	318.8	314.2	325.7	307.2	277.0	253.6	230.6	300.0	325.7
	2026	303.9	278.0	239.1	260.5	299.8	322.4	317.8	329.4	310.6	280.2	256.6	233.4	303.9	329.4
	2027	307.6	281.4	242.0	263.5	303.3	325.9	321.3	333.0	314.0	283.4	261.9	238.2	307.6	333.0
	2028	313.9	287.1	246.9	266.5	306.9	329.6	324.8	336.8	317.5	286.7	263.0	239.2	313.9	336.8
	2029	315.2	288.4	248.0	269.7	310.5	333.3	328.6	340.6	321.1	290.1	266.3	242.2	315.2	340.6
	2030	319.2	292.0	251.1	272.9	314.3	337.2	332.4	344.6	324.8	293.7	269.7	245.3	319.2	344.6
Projected	2031	323.3	295.7	254.3	276.2	318.1	341.2	336.3	348.7	328.6	297.2	275.3	250.3	323.3	348.7
	2032	329.9	301.8	259.6	279.5	321.9	345.1	340.2	352.7	332.5	300.8	276.4	251.4	329.9	352.7
	2033	331.3	303.1	260.6	282.8	325.7	349.0	344.0	356.7	336.2	304.3	279.7	254.4	331.3	356.7
	2034	335.2	306.7	263.7	286.0	329.4	352.9	347.8	360.7	339.9	307.8	283.0	257.4	335.2	360.7
	2035	339.2	310.3	266.9	289.2	333.1	356.8	351.7	364.7	343.7	311.3	288.6	262.5	339.2	364.7
	2036	346.0	316.5	272.2	292.4	336.8	360.6	355.4	368.5	347.3	314.7	289.5	263.3	346.0	368.5
	2037	347.0	317.4	273.0	295.4	340.3	364.2	359.0	372.3	350.8	318.0	292.6	266.1	347.0	372.3
	2038	350.7	320.9	275.9	298.5	343.9	368.0	362.7	376.1	354.4	321.3	295.9	269.1	350.7	376.1
	2039	354.6	324.4	279.0	301.7	347.6	371.7	366.3	379.9	358.0	324.7	301.6	274.3	354.6	379.9
	2040	361.5	330.7	284.4	304.8	351.2	375.4	370.0	383.7	361.5	328.1	304.8	277.2	361.5	383.7

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	50.8%	55.7%	67.2%	58.0%	59.4%	61.4%	62.5%	65.6%	65.7%	60.2%	64.9%	66.4%	51.7%	52.6%
	2012	49.2%	48.5%	65.2%	60.0%	60.9%	59.9%	63.6%	63.5%	62.7%	59.1%	61.6%	63.9%	54.4%	53.1%
	2013	61.7%	53.6%	53.1%	62.4%	60.5%	62.4%	61.0%	63.2%	62.3%	60.9%	63.9%	64.2%	60.0%	51.3%
	2014	57.5%	56.8%	65.7%	55.4%	60.3%	62.3%	62.3%	62.3%	58.9%	58.1%	53.9%	61.4%	57.1%	50.6%
	2015	57.5%	49.3%	65.2%	63.8%	60.6%	61.3%	63.0%	61.9%	61.6%	60.6%	57.3%	68.1%	54.1%	51.6%
	2016	53.0%	52.9%	62.2%	57.4%	59.8%	64.1%	64.6%	63.3%	66.0%	61.5%	63.7%	68.4%	58.9%	51.7%
	2017	55.5%	64.7%	61.2%	55.3%	60.3%	60.6%	63.2%	64.4%	60.5%	56.9%	63.7%	55.4%	64.1%	50.9%
	2018	52.9%	62.6%	64.8%	64.8%	61.3%	63.3%	62.8%	64.6%	64.4%	58.4%	60.0%	55.5%	51.4%	52.7%
	2019	56.2%	62.5%	60.0%	59.3%	58.7%	60.4%	62.1%	64.5%	62.0%	62.3%	58.1%	62.9%	62.3%	51.0%
	2020	54.2%	62.9%	58.2%	60.3%	55.8%	59.7%	62.0%	63.5%	59.9%	57.4%	56.6%	66.1%	62.6%	50.9%
Projected	2021	51.9%	55.2%	61.7%	57.7%	58.6%	61.1%	63.6%	63.0%	61.6%	58.3%	56.7%	66.0%	56.9%	51.3%
	2022	51.9%	55.3%	61.9%	57.7%	59.0%	61.1%	63.7%	63.1%	61.5%	58.4%	56.8%	66.0%	56.6%	51.5%
	2023	51.8%	55.3%	61.8%	57.8%	59.1%	61.1%	63.7%	63.1%	61.5%	58.3%	56.4%	65.5%	56.5%	51.6%
	2024	51.3%	56.3%	61.3%	57.9%	59.2%	61.1%	63.7%	63.1%	61.5%	58.4%	56.9%	66.1%	56.1%	51.9%
	2025	51.7%	55.3%	61.7%	58.0%	59.2%	61.1%	63.7%	63.1%	61.5%	58.3%	56.9%	66.1%	56.3%	51.7%
	2026	51.6%	55.2%	61.7%	58.0%	59.2%	61.1%	63.7%	63.1%	61.5%	58.3%	56.9%	66.0%	56.2%	51.7%
	2027	51.6%	55.2%	61.6%	58.0%	59.2%	61.1%	63.7%	63.1%	61.5%	58.3%	56.4%	65.5%	56.2%	51.7%
	2028	51.2%	56.2%	61.0%	58.0%	59.2%	61.1%	63.7%	63.1%	61.5%	58.3%	56.8%	66.0%	55.9%	52.0%
	2029	51.5%	55.1%	61.5%	57.9%	59.2%	61.1%	63.7%	63.1%	61.5%	58.3%	56.7%	65.9%	56.1%	51.7%
	2030	51.5%	55.1%	61.4%	57.9%	59.1%	61.1%	63.7%	63.1%	61.5%	58.3%	56.7%	65.9%	56.0%	51.7%
Avg.	2011-2020	54.8%	57.0%	62.3%	59.7%	59.8%	61.5%	62.7%	63.7%	62.4%	59.5%	60.4%	63.2%	57.7%	51.6%
	2021-2030	51.6%	55.4%	61.6%	57.9%	59.1%	61.1%	63.7%	63.1%	61.5%	58.3%	56.7%	65.9%	56.3%	51.7%

FMPA 2021 Load Forecast - High Economic Case

Ocala

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	268.3	227.1	154.5	232.8	251.3	282.3	269.8	280.7	251.4	208.5	181.4	156.9	277.2	280.7
	2012	260.9	250.8	192.0	214.5	236.8	261.7	260.1	263.9	256.7	234.5	155.9	194.0	260.9	260.1
	2013	197.8	236.1	234.4	198.3	226.1	256.8	265.2	275.8	262.7	232.3	183.6	168.7	234.4	275.8
	2014	253.2	224.1	142.2	234.0	248.0	261.2	264.7	285.1	269.3	234.7	232.5	207.3	253.2	285.1
	2015	230.5	275.5	197.0	218.1	256.0	286.6	264.6	278.2	253.9	231.5	236.1	186.1	275.5	286.6
	2016	257.3	250.9	205.3	234.5	255.5	289.0	289.3	290.5	255.4	215.9	195.4	184.0	236.1	289.3
	2017	229.4	190.0	209.9	256.2	258.7	274.8	280.4	288.1	253.9	265.6	194.0	235.0	209.9	288.1
	2018	291.6	207.9	185.8	194.4	245.0	254.6	275.3	287.6	275.7	266.7	217.6	233.3	291.6	287.6
	2019	234.0	204.9	199.9	233.5	295.5	303.7	292.5	281.1	291.6	248.2	217.2	164.8	217.6	303.7
	2020	246.6	196.4	243.4	228.7	263.7	298.7	269.6	295.2	291.6	252.4	223.2	199.3	243.4	298.7
Projected	2021	273.7	251.1	207.9	236.0	270.2	293.5	286.2	302.2	281.6	254.1	230.0	205.3	273.7	302.2
	2022	282.1	258.8	214.2	241.7	276.6	300.5	293.0	309.3	288.3	260.2	235.1	209.8	282.1	309.3
	2023	288.3	264.4	218.9	246.1	281.7	305.9	298.2	314.9	293.5	264.9	241.0	215.1	288.3	314.9
	2024	295.6	271.1	224.4	249.7	285.8	310.2	302.5	319.4	297.6	268.8	242.4	216.4	295.6	319.4
	2025	297.3	272.7	225.7	252.9	289.5	314.1	306.3	323.4	301.3	272.2	245.5	219.2	297.3	323.4
	2026	301.1	276.2	228.6	255.8	292.9	317.7	309.7	327.0	304.7	275.3	248.5	221.8	301.1	327.0
	2027	304.7	279.6	231.4	258.7	296.2	321.2	313.1	330.6	308.1	278.5	253.6	226.4	304.7	330.6
	2028	311.0	285.3	236.1	261.7	299.7	324.7	316.6	334.3	311.5	281.7	254.7	227.3	311.0	334.3
	2029	312.3	286.5	237.1	264.8	303.3	328.5	320.2	338.1	315.0	285.1	257.9	230.2	312.3	338.1
	2030	316.2	290.1	240.1	268.0	307.0	332.3	323.9	342.1	318.7	288.6	261.2	233.1	316.2	342.1
Projected	2031	320.3	293.8	243.2	271.2	310.7	336.1	327.7	346.1	322.4	292.1	266.6	237.9	320.3	346.1
	2032	326.9	299.9	248.2	274.5	314.4	340.1	331.5	350.1	326.1	295.6	267.7	238.9	326.9	350.1
	2033	328.2	301.1	249.3	277.7	318.1	343.9	335.2	354.1	329.8	299.0	270.8	241.8	328.2	354.1
	2034	332.1	304.7	252.2	280.8	321.7	347.7	338.9	358.0	333.4	302.4	274.0	244.6	332.1	358.0
	2035	336.1	308.3	255.2	284.0	325.3	351.5	342.7	362.0	337.1	305.8	279.5	249.5	336.1	362.0
	2036	342.8	314.5	260.3	287.1	328.9	355.3	346.3	365.8	340.7	309.2	280.3	250.2	342.8	365.8
	2037	343.8	315.4	261.1	290.1	332.4	358.9	349.8	369.5	344.1	312.4	283.4	253.0	343.8	369.5
	2038	347.5	318.8	263.9	293.1	335.9	362.5	353.4	373.3	347.6	315.7	286.5	255.8	347.5	373.3
	2039	351.4	322.3	266.8	296.2	339.4	366.2	356.9	377.1	351.1	319.0	292.1	260.7	351.4	377.1
	2040	358.1	328.5	272.0	299.3	342.9	369.9	360.5	380.9	354.6	322.3	295.2	263.5	358.1	380.9

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	99.7%	100.0%	86.6%	97.8%	97.4%	99.8%	98.3%	99.8%	99.6%	99.0%	98.8%	87.3%	99.1%	99.3%
	2012	100.0%	100.0%	100.0%	96.6%	94.1%	100.0%	98.3%	100.0%	100.0%	99.5%	79.9%	100.0%	100.0%	98.3%
	2013	100.0%	100.0%	100.0%	94.2%	96.9%	96.8%	100.0%	100.0%	99.3%	100.0%	96.8%	87.6%	99.3%	100.0%
	2014	100.0%	100.0%	78.5%	100.0%	100.0%	99.5%	96.5%	100.0%	99.7%	98.9%	100.0%	100.0%	100.0%	100.0%
	2015	100.0%	100.0%	99.3%	97.1%	98.7%	100.0%	97.7%	98.8%	95.3%	100.0%	99.4%	98.3%	100.0%	100.0%
	2016	100.0%	100.0%	100.0%	100.0%	98.0%	100.0%	98.0%	100.0%	97.5%	92.7%	99.9%	100.0%	91.8%	98.0%
	2017	98.6%	99.7%	100.0%	100.0%	96.3%	99.4%	99.4%	99.1%	94.2%	100.0%	100.0%	100.0%	90.3%	99.1%
	2018	98.2%	100.0%	96.8%	96.9%	99.5%	91.3%	99.5%	100.0%	96.5%	99.0%	98.8%	100.0%	98.2%	100.0%
	2019	94.3%	100.0%	95.2%	100.0%	100.0%	100.0%	99.9%	97.7%	100.0%	95.4%	99.4%	82.1%	87.7%	100.0%
	2020	100.0%	93.9%	100.0%	99.5%	95.9%	98.7%	90.5%	100.0%	99.0%	98.3%	96.8%	95.0%	98.7%	98.7%
Projected	2021	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2022	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2023	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2024	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2025	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2026	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2027	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2028	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2029	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2030	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2011-2020	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.8%	99.5%	98.1%	98.3%	97.0%	95.0%	96.5%	99.3%
	2021-2030	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%

FMPA 2021 Load Forecast - High Economic Case - Ocala

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service Non-Demand						Industrial						Lights		City		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	523,603		39,663		13,201		167,759		7,242		23.2		554,408		1,009		549		12,460		13,122		1,271,352		30,922	2.4%	1,302,274	
	2012	471,445	-10.0%	40,083	1.1%	11,762	-10.9%	158,200	-5.7%	6,984	-3.6%	22.7	-2.2%	529,949	-4.4%	1,008	-0.1%	526	-4.3%	12,541	0.6%	13,024	-0.7%	1,185,159	-6.8%	45,400	3.7%	1,230,559	-5.5%
	2013	478,340	1.5%	40,173	0.2%	11,907	1.2%	158,730	0.3%	7,165	2.6%	22.2	-2.2%	533,600	0.7%	1,000	-0.8%	534	1.5%	12,775	1.9%	13,192	1.3%	1,196,637	1.0%	41,830	3.4%	1,238,467	0.6%
	2014	490,714	2.6%	40,231	0.1%	12,197	2.4%	165,155	4.0%	7,249	1.2%	22.8	2.9%	523,308	-1.9%	963	-3.7%	543	1.8%	11,874	-7.1%	23,046	74.7%	1,214,097	1.5%	49,237	3.9%	1,263,334	2.0%
	2015	510,914	4.1%	40,906	1.7%	12,490	2.4%	169,061	2.4%	7,365	1.6%	23.0	0.8%	528,839	1.1%	990	2.8%	534	-1.7%	12,150	2.3%	23,894	3.7%	1,244,858	2.5%	49,913	3.9%	1,294,771	2.5%
	2016	532,510	4.2%	41,183	0.7%	12,930	3.5%	167,558	-0.9%	7,410	0.6%	22.6	-1.5%	562,681	6.4%	1,017	2.7%	553	3.6%	12,030	-1.0%	24,924	4.3%	1,299,703	4.4%	36,796	2.8%	1,336,499	3.2%
	2017	507,466	-4.7%	41,585	1.0%	12,203	-5.6%	160,633	-4.1%	7,461	0.7%	21.5	-4.8%	556,672	-1.1%	1,041	2.4%	535	-3.4%	12,217	1.6%	24,783	-0.6%	1,261,771	-2.9%	34,639	2.7%	1,296,410	-3.0%
	2018	520,318	2.5%	41,941	0.9%	12,406	1.7%	160,227	-0.3%	7,532	1.0%	21.3	-1.2%	556,977	0.1%	1,061	1.8%	525	-1.7%	12,452	1.9%	23,850	-3.8%	1,273,823	1.0%	54,310	4.1%	1,328,133	2.4%
	2019	541,137	4.0%	42,614	1.6%	12,699	2.4%	168,516	5.2%	7,693	2.1%	21.9	3.0%	566,333	1.7%	990	-6.6%	572	8.9%	12,939	3.9%	24,293	1.9%	1,313,218	3.1%	42,897	3.2%	1,356,115	2.1%
	2020	553,147	2.2%	43,036	1.0%	12,853	1.2%	168,127	-0.2%	7,790	1.3%	21.6	-1.5%	547,107	-3.4%	925	-6.6%	591	3.4%	13,072	1.0%	24,503	0.9%	1,305,956	-0.6%	44,562	3.3%	1,350,518	-0.4%
Projected	2021	560,236	1.3%	43,830	1.8%	12,782	-0.6%	170,934	1.7%	7,846	0.7%	21.8	0.9%	553,017	1.1%	944	2.0%	586	-0.9%	13,072	0.0%	24,962	1.9%	1,322,222	1.2%	47,873	3.5%	1,370,094	1.4%
	2022	561,839	0.3%	44,658	1.9%	12,581	-1.6%	176,803	3.4%	7,990	1.8%	22.1	1.6%	581,850	5.2%	976	3.4%	596	1.8%	13,072	0.0%	25,169	0.8%	1,358,733	2.8%	49,015	3.5%	1,407,748	2.7%
	2023	565,115	0.6%	45,320	1.5%	12,469	-0.9%	181,631	2.7%	8,095	1.3%	22.4	1.4%	602,231	3.5%	1,005	3.0%	599	0.5%	13,072	0.0%	25,264	0.4%	1,387,313	2.1%	49,999	3.5%	1,437,312	2.1%
	2024	565,433	0.1%	45,919	1.3%	12,314	-1.2%	185,945	2.4%	8,188	1.1%	22.7	1.2%	620,412	3.0%	1,028	2.4%	603	0.6%	13,072	0.0%	25,325	0.2%	1,410,187	1.6%	57,114	3.9%	1,467,300	2.1%
	2025	567,401	0.3%	46,479	1.2%	12,208	-0.9%	189,925	2.1%	8,272	1.0%	23.0	1.1%	634,172	2.2%	1,051	2.2%	604	0.1%	13,072	0.0%	25,368	0.2%	1,429,939	1.4%	51,501	3.5%	1,481,440	1.0%
	2026	570,973	0.6%	47,003	1.1%	12,148	-0.5%	193,701	2.0%	8,352	1.0%	23.2	1.0%	645,091	1.7%	1,072	2.0%	602	-0.3%	13,072	0.0%	25,414	0.2%	1,448,251	1.3%	52,154	3.5%	1,500,405	1.3%
	2027	575,307	0.8%	47,490	1.0%	12,114	-0.3%	197,291	1.9%	8,426	0.9%	23.4	1.0%	654,659	1.5%	1,092	1.9%	599	-0.4%	13,072	0.0%	25,587	0.7%	1,465,915	1.2%	52,791	3.5%	1,518,706	1.2%
	2028	580,397	0.9%	47,958	1.0%	12,102	-0.1%	200,780	1.8%	8,498	0.9%	23.6	0.9%	663,924	1.4%	1,112	1.8%	597	-0.4%	13,072	0.0%	25,824	0.9%	1,483,996	1.2%	60,083	3.9%	1,544,079	1.7%
	2029	585,997	1.0%	48,407	0.9%	12,106	0.0%	204,224	1.7%	8,568	0.8%	23.8	0.9%	673,304	1.4%	1,132	1.8%	595	-0.4%	13,072	0.0%	26,057	0.9%	1,502,654	1.3%	54,120	3.5%	1,556,775	0.8%
	2030	591,837	1.0%	48,838	0.9%	12,118	0.1%	207,657	1.7%	8,637	0.8%	24.0	0.9%	682,997	1.4%	1,152	1.7%	593	-0.3%	13,072	0.0%	26,287	0.9%	1,521,850	1.3%	54,815	3.5%	1,576,665	1.3%
	2031	597,939	1.0%	49,245	0.8%	12,142	0.2%	211,013	1.6%	8,703	0.8%	24.2	0.8%	692,588	1.4%	1,171	1.7%	592	-0.3%	13,072	0.0%	26,519	0.9%	1,541,131	1.3%	55,507	3.5%	1,596,638	1.3%
	2032	604,010	1.0%	49,619	0.8%	12,173	0.3%	214,289	1.6%	8,767	0.7%	24.4	0.8%	702,080	1.4%	1,190	1.6%	590	-0.2%	13,072	0.0%	26,806	1.1%	1,560,258	1.2%	63,174	3.9%	1,623,432	1.7%
	2033	609,994	1.0%	49,980	0.7%	12,205	0.3%	217,540	1.5%	8,830	0.7%	24.6	0.8%	711,692	1.4%	1,208	1.6%	589	-0.2%	13,072	0.0%	27,125	1.2%	1,579,423	1.2%	56,886	3.5%	1,636,309	0.8%
	2034	615,734	0.9%	50,331	0.7%	12,234	0.2%	220,704	1.5%	8,891	0.7%	24.8	0.8%	721,270	1.3%	1,227	1.5%	588	-0.2%	13,072	0.0%	27,443	1.2%	1,598,224	1.2%	57,564	3.5%	1,655,788	1.2%
	2035	621,558	0.9%	50,673	0.7%	12,266	0.3%	223,828	1.4%	8,950	0.7%	25.0	0.7%	730,945	1.3%	1,245	1.5%	587	-0.2%	13,072	0.0%	27,762	1.2%	1,617,165	1.2%	58,247	3.5%	1,675,412	1.2%
	2036	627,228	0.9%	51,002	0.6%	12,298	0.3%	226,931	1.4%	9,008	0.7%	25.2	0.7%	740,630	1.3%	1,263	1.5%	586	-0.1%	13,072	0.0%	28,077	1.1%	1,635,938	1.2%	66,238	3.9%	1,702,176	1.6%
	2037	632,636	0.9%	51,313	0.6%	12,329	0.3%	229,968	1.3%	9,065	0.6%	25.4	0.7%	750,065	1.3%	1,282	1.4%	585	-0.2%	13,072	0.0%	28,365	1.0%	1,654,106	1.1%	59,575	3.5%	1,713,681	0.7%
	2038	638,214	0.9%	51,618	0.6%	12,364	0.3%	232,986	1.3%	9,120	0.6%	25.5	0.7%	759,347	1.2%	1,300	1.4%	584	-0.2%	13,072	0.0%	28,641	1.0%	1,672,261	1.1%	60,231	3.5%	1,732,492	1.1%
	2039	644,324	1.0%	51,918	0.6%	12,410	0.4%	236,013	1.3%	9,175	0.6%	25.7	0.7%	768,551	1.2%	1,318	1.4%	583	-0.2%	13,072	0.0%	28,917	1.0%	1,690,877	1.1%	60,902	3.5%	1,751,779	1.1%
	2040	650,430	0.9%	52,216	0.6%	12,457	0.4%	239,035	1.3%	9,230	0.6%	25.9	0.7%	777,638	1.2%	1,336	1.4%	582	-0.2%	13,072	0.0%	29,193	1.0%	1,709,368	1.1%	69,210	3.9%	1,778,578	1.5%
CAGR	2011-2020		0.6%		0.9%		-0.3%		0.0%		0.8%		-0.8%		-0.1%		-1.0%		0.8%		0.5%		7.2%		0.3%		3.3%		0.4%
	2021-2030		0.6%		1.2%		-0.6%		2.2%		1.1%		1.1%		2.4%		2.2%		0.1%		0.0%		0.6%		1.6%		3.6%		1.6%
	2031-2040		0.9%		0.7%		0.3%		1.4%		0.7%		0.7%		1.3%		1.5%		-0.2%		0.0%		1.1%		1.2%		3.6%		1.2%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - Mild Weather Case

Ocala

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	1,302,274	-	1,254,459	-	-3.7%	277.2	-	268.4	-	-3.2%	280.7	-	257.5		-8.3%
	2012	1,230,559	-5.5%	1,241,370	-1.0%	0.9%	260.9	-5.9%	248.9	-7.2%	-4.6%	260.1	-7.3%	289.5	12.4%	11.3%
	2013	1,238,467	0.6%	1,245,645	0.3%	0.6%	234.4	-10.1%	231.6	-7.0%	-1.2%	275.8	6.0%	281.1	-2.9%	1.9%
	2014	1,263,334	2.0%	1,271,722	2.1%	0.7%	253.2	8.0%	261.3	12.8%	3.2%	285.1	3.4%	288.5	2.6%	1.2%
	2015	1,294,771	2.5%	1,273,776	0.2%	-1.6%	275.5	8.8%	257.9	-1.3%	-6.4%	286.6	0.5%	296.9	2.9%	3.6%
	2016	1,336,499	3.2%	1,304,293	2.4%	-2.4%	236.1	-14.3%	265.5	2.9%	12.5%	289.3	0.9%	285.2	-4.0%	-1.4%
	2017	1,296,410	-3.0%	1,305,825	0.1%	0.7%	209.9	-11.1%	226.6	-14.7%	7.9%	288.1	-0.4%	303.1	6.3%	5.2%
	2018	1,328,133	2.4%	1,284,846	-1.6%	-3.3%	291.6	38.9%	288.5	27.3%	-1.1%	287.6	-0.2%	279.1	-7.9%	-3.0%
	2019	1,356,115	2.1%	1,305,690	1.6%	-3.7%	217.6	-25.4%	276.2	-4.3%	26.9%	303.7	5.6%	302.1	8.3%	-0.5%
	2020	1,350,518	-0.4%	1,361,654	4.3%	0.8%	243.4	11.9%	263.8	-4.5%	8.4%	298.7	-1.6%	291.7	-3.5%	-2.4%
Projected	2021	1,316,304	-2.5%	1,316,304	-3.3%		256.9	5.5%	256.9	-2.6%		284.6	-4.7%	284.6	-2.4%	
	2022			1,329,899	1.0%				259.9	1.2%				287.4	1.0%	
	2023			1,343,753	1.0%				262.9	1.1%				289.9	0.9%	
	2024			1,359,813	1.2%				267.4	1.7%				291.8	0.6%	
	2025			1,362,849	0.2%				266.8	-0.2%				293.6	0.6%	
	2026			1,371,415	0.6%				268.6	0.6%				295.4	0.6%	
	2027			1,380,012	0.6%				270.2	0.6%				297.2	0.6%	
	2028			1,395,426	1.1%				274.3	1.5%				299.3	0.7%	
	2029			1,399,813	0.3%				274.0	-0.1%				301.6	0.8%	
	2030			1,410,933	0.8%				276.2	0.8%				304.0	0.8%	
	2031			1,422,361	0.8%				278.4	0.8%				306.4	0.8%	
	2032			1,440,001	1.2%				283.0	1.7%				308.9	0.8%	
	2033			1,445,476	0.4%				283.0	0.0%				311.4	0.8%	
	2034			1,456,919	0.8%				285.2	0.8%				313.8	0.8%	
	2035			1,468,583	0.8%				287.5	0.8%				316.3	0.8%	
	2036			1,486,579	1.2%				292.3	1.7%				318.8	0.8%	
	2037			1,491,374	0.3%				292.0	-0.1%				321.1	0.7%	
	2038			1,502,563	0.8%				294.1	0.7%				323.6	0.8%	
	2039			1,514,201	0.8%				296.4	0.8%				326.0	0.8%	
	2040			1,532,371	1.2%				301.3	1.6%				328.5	0.8%	
CAGR [3]	2011-2020		0.4%		0.9%			-1.4%		-0.2%			0.7%		1.4%	
	2021-2030				0.8%					0.8%					0.7%	
	2031-2040				0.8%					0.9%					0.8%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Ocala

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	1,302,274	-	1,302,274	-	279.6	282.8	279.6	282.8	277.2	280.7	277.2	280.7
	2012	1,230,559	-5.5%	1,230,559	-5.5%	260.9	264.6	260.9	264.6	260.9	260.1	260.9	260.1
	2013	1,238,467	0.6%	1,238,467	0.6%	236.1	275.8	236.1	275.8	234.4	275.8	234.4	275.8
	2014	1,263,334	2.0%	1,263,334	2.0%	253.2	285.1	253.2	285.1	253.2	285.1	253.2	285.1
	2015	1,294,771	2.5%	1,294,771	2.5%	275.5	286.6	275.5	286.6	275.5	286.6	275.5	286.6
	2016	1,336,499	3.2%	1,336,499	3.2%	257.3	295.3	257.3	295.3	236.1	289.3	236.1	289.3
	2017	1,296,410	-3.0%	1,296,410	-3.0%	232.6	290.6	232.6	290.6	209.9	288.1	209.9	288.1
	2018	1,328,133	2.4%	1,328,133	2.4%	297.0	287.6	297.0	287.6	291.6	287.6	291.6	287.6
	2019	1,356,115	2.1%	1,356,115	2.1%	248.2	303.7	248.2	303.7	217.6	303.7	217.6	303.7
	2020	1,350,518	-0.4%	1,292,991	-4.7%	246.6	302.7	261.6	279.9	243.4	298.7	259.2	277.9
Projected	2021	1,316,304	-2.5%	1,293,405	0.0%	259.3	286.7	261.8	281.7	256.9	284.6	259.4	279.6
	2022	1,329,899	1.0%	1,304,077	0.8%	262.3	289.5	263.9	284.0	259.9	287.4	261.5	281.9
	2023	1,343,753	1.0%	1,313,881	0.8%	265.3	292.1	266.0	286.0	262.9	289.9	263.5	283.9
	2024	1,359,813	1.2%	1,328,202	1.1%	269.9	293.9	269.9	287.9	267.4	291.8	267.4	285.8
	2025	1,362,849	0.2%	1,331,294	0.2%	269.3	295.8	269.5	289.8	266.8	293.6	267.1	287.7
	2026	1,371,415	0.6%	1,339,635	0.6%	271.1	297.5	271.3	291.5	268.6	295.4	268.8	289.4
	2027	1,380,012	0.6%	1,347,480	0.6%	272.7	299.4	272.9	293.2	270.2	297.2	270.3	291.1
	2028	1,395,426	1.1%	1,360,882	1.0%	276.9	301.5	276.6	294.9	274.3	299.3	274.1	292.7
	2029	1,399,813	0.3%	1,362,741	0.1%	276.6	303.8	276.0	296.5	274.0	301.6	273.4	294.3
	2030	1,410,933	0.8%	1,370,418	0.6%	278.7	306.2	277.5	298.2	276.2	304.0	274.9	296.0
	2031	1,422,361	0.8%	1,378,654	0.6%	281.0	308.7	279.1	300.0	278.4	306.4	276.6	297.8
	2032	1,440,001	1.2%	1,392,976	1.0%	285.7	311.2	283.1	301.8	283.0	308.9	280.5	299.6
	2033	1,445,476	0.4%	1,395,567	0.2%	285.6	313.6	282.6	303.6	283.0	311.4	280.0	301.4
	2034	1,456,919	0.8%	1,403,417	0.6%	287.8	316.1	284.2	305.3	285.2	313.8	281.6	303.1
	2035	1,468,583	0.8%	1,411,145	0.6%	290.1	318.6	285.8	307.0	287.5	316.3	283.1	304.7
	2036	1,486,579	1.2%	1,424,638	1.0%	295.0	321.1	289.6	308.5	292.3	318.8	287.0	306.3
	2037	1,491,374	0.3%	1,425,729	0.1%	294.7	323.5	288.8	310.0	292.0	321.1	286.1	307.8
	2038	1,502,563	0.8%	1,432,899	0.5%	296.9	325.9	290.2	311.6	294.1	323.6	287.5	309.4
	2039	1,514,201	0.8%	1,440,523	0.5%	299.2	328.4	291.7	313.3	296.4	326.0	289.0	311.0
	2040	1,532,371	1.2%			304.1	330.9			301.3	328.5		
CAGR[1]	Historical		0.4%		0.5%	-1.4%	0.8%	-1.5%	0.9%	-0.9%	1.7%	-2.6%	2.2%
	1st 10 Prj Yrs		0.8%		0.6%	0.8%	0.7%	0.6%	0.6%	0.8%	0.7%	0.6%	0.6%
	2nd 10 Prj Yrs		0.8%		0.6%	0.9%	0.8%	0.6%	0.6%	0.9%	0.8%	0.6%	0.6%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Ocala

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	1,302,274	-	1,254,459	-	-3.7%	277.2	-	268.4	-	-3.2%	280.7	-	257.5		-8.3%
	2012	1,230,559	-5.5%	1,241,370	-1.0%	0.9%	260.9	-5.9%	248.9	-7.2%	-4.6%	260.1	-7.3%	289.5	12.4%	11.3%
	2013	1,238,467	0.6%	1,245,645	0.3%	0.6%	234.4	-10.1%	231.6	-7.0%	-1.2%	275.8	6.0%	281.1	-2.9%	1.9%
	2014	1,263,334	2.0%	1,271,722	2.1%	0.7%	253.2	8.0%	261.3	12.8%	3.2%	285.1	3.4%	288.5	2.6%	1.2%
	2015	1,294,771	2.5%	1,273,776	0.2%	-1.6%	275.5	8.8%	257.9	-1.3%	-6.4%	286.6	0.5%	296.9	2.9%	3.6%
	2016	1,336,499	3.2%	1,304,293	2.4%	-2.4%	236.1	-14.3%	265.5	2.9%	12.5%	289.3	0.9%	285.2	-4.0%	-1.4%
	2017	1,296,410	-3.0%	1,305,825	0.1%	0.7%	209.9	-11.1%	226.6	-14.7%	7.9%	288.1	-0.4%	303.1	6.3%	5.2%
	2018	1,328,133	2.4%	1,284,846	-1.6%	-3.3%	291.6	38.9%	288.5	27.3%	-1.1%	287.6	-0.2%	279.1	-7.9%	-3.0%
	2019	1,356,115	2.1%	1,305,690	1.6%	-3.7%	217.6	-25.4%	276.2	-4.3%	26.9%	303.7	5.6%	302.1	8.3%	-0.5%
	2020	1,350,518	-0.4%	1,354,179	3.7%	0.3%	243.4	11.9%	263.8	-4.5%	8.4%	298.7	-1.6%	291.7	-3.5%	-2.4%
Projected	2021	1,313,971	-2.7%	1,313,971	-3.0%		256.9	5.5%	256.9	-2.6%		284.0	-4.9%	284.0	-2.6%	
	2022			1,326,654	1.0%				259.9	1.2%				286.7	0.9%	
	2023			1,339,593	1.0%				262.9	1.1%				289.0	0.8%	
	2024			1,354,636	1.1%				267.4	1.7%				290.6	0.6%	
	2025			1,356,582	0.1%				266.8	-0.2%				292.1	0.5%	
	2026			1,363,693	0.5%				268.6	0.6%				293.5	0.5%	
	2027			1,370,718	0.5%				270.2	0.6%				295.0	0.5%	
	2028			1,384,459	1.0%				274.3	1.5%				296.7	0.6%	
	2029			1,387,125	0.2%				274.0	-0.1%				298.6	0.6%	
	2030			1,396,440	0.7%				276.2	0.8%				300.5	0.7%	
	2031			1,406,637	0.7%				278.4	0.8%				302.7	0.7%	
	2032			1,422,989	1.2%				283.0	1.7%				304.9	0.7%	
	2033			1,427,205	0.3%				283.0	0.0%				307.0	0.7%	
	2034			1,437,351	0.7%				285.2	0.8%				309.2	0.7%	
	2035			1,447,675	0.7%				287.5	0.8%				311.3	0.7%	
	2036			1,464,243	1.1%				292.3	1.7%				313.5	0.7%	
	2037			1,467,593	0.2%				292.0	-0.1%				315.5	0.6%	
	2038			1,477,342	0.7%				294.1	0.7%				317.6	0.7%	
	2039			1,487,354	0.7%				296.4	0.8%				319.7	0.7%	
	2040			1,503,857	1.1%				301.3	1.6%				321.7	0.7%	
CAGR [3]	2011-2020		0.4%		0.9%			-1.4%		-0.2%			0.7%		1.4%	
	2021-2030				0.7%					0.8%					0.6%	
	2031-2040				0.7%					0.9%					0.7%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Ocala

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	1,302,274	-	1,254,459	-	-3.7%	279.6	-	53.2%	282.8	-	52.6%
	2012	1,230,559	-5.5%	1,241,370	-1.0%	0.9%	260.9	-6.7%	53.9%	264.6	-6.4%	53.1%
	2013	1,238,467	0.6%	1,245,645	0.3%	0.6%	236.1	-9.5%	59.9%	275.8	4.2%	51.3%
	2014	1,263,334	2.0%	1,271,722	2.1%	0.7%	253.2	7.2%	57.0%	285.1	3.4%	50.6%
	2015	1,294,771	2.5%	1,273,776	0.2%	-1.6%	275.5	8.8%	53.7%	286.6	0.5%	51.6%
	2016	1,336,499	3.2%	1,304,293	2.4%	-2.4%	257.3	-6.6%	59.3%	295.3	3.0%	51.7%
	2017	1,296,410	-3.0%	1,305,825	0.1%	0.7%	232.6	-9.6%	63.6%	290.6	-1.6%	50.9%
	2018	1,328,133	2.4%	1,284,846	-1.6%	-3.3%	297.0	27.7%	51.0%	287.6	-1.1%	52.7%
	2019	1,356,115	2.1%	1,305,690	1.6%	-3.7%	248.2	-16.4%	62.4%	303.7	5.6%	51.0%
	2020	1,350,518	-0.4%	1,354,179	3.7%	0.3%	246.6	-0.7%	62.5%	302.7	-0.3%	50.9%
Projected	2021	1,313,971	-2.7%	1,313,971	-3.0%		259.3	5.1%	57.9%	286.1	-5.5%	52.4%
	2022	1,326,654	1.0%	1,326,654	1.0%		262.3	1.2%	57.7%	288.8	0.9%	52.4%
	2023	1,339,593	1.0%	1,339,593	1.0%		265.3	1.1%	57.6%	291.1	0.8%	52.5%
	2024	1,354,636	1.1%	1,354,636	1.1%		269.9	1.7%	57.3%	292.7	0.6%	52.8%
	2025	1,356,582	0.1%	1,356,582	0.1%		269.3	-0.2%	57.5%	294.3	0.5%	52.6%
	2026	1,363,693	0.5%	1,363,693	0.5%		271.1	0.6%	57.4%	295.7	0.5%	52.6%
	2027	1,370,718	0.5%	1,370,718	0.5%		272.7	0.6%	57.4%	297.2	0.5%	52.6%
	2028	1,384,459	1.0%	1,384,459	1.0%		276.9	1.5%	57.1%	298.9	0.6%	52.9%
	2029	1,387,125	0.2%	1,387,125	0.2%		276.6	-0.1%	57.3%	300.8	0.6%	52.6%
	2030	1,396,440	0.7%	1,396,440	0.7%		278.7	0.8%	57.2%	302.8	0.7%	52.7%
	2031	1,406,637	0.7%	1,406,637	0.7%		281.0	0.8%	57.1%	304.9	0.7%	52.7%
	2032	1,422,989	1.2%	1,422,989	1.2%		285.7	1.7%	56.9%	307.1	0.7%	52.9%
	2033	1,427,205	0.3%	1,427,205	0.3%		285.6	0.0%	57.0%	309.3	0.7%	52.7%
	2034	1,437,351	0.7%	1,437,351	0.7%		287.8	0.8%	57.0%	311.5	0.7%	52.7%
	2035	1,447,675	0.7%	1,447,675	0.7%		290.1	0.8%	57.0%	313.7	0.7%	52.7%
	2036	1,464,243	1.1%	1,464,243	1.1%		295.0	1.7%	56.7%	315.8	0.7%	52.9%
	2037	1,467,593	0.2%	1,467,593	0.2%		294.7	-0.1%	56.8%	317.8	0.6%	52.7%
	2038	1,477,342	0.7%	1,477,342	0.7%		296.9	0.7%	56.8%	319.9	0.7%	52.7%
	2039	1,487,354	0.7%	1,487,354	0.7%		299.2	0.8%	56.8%	322.1	0.7%	52.7%
	2040	1,503,857	1.1%	1,503,857	1.1%		304.1	1.6%	56.5%	324.2	0.7%	53.0%
CAGR [1]	2011-2020		0.4%		0.9%			-1.4%	57.6%		0.8%	51.6%
	2021-2030		0.7%		0.7%			0.8%	57.4%		0.6%	52.6%
	2031-2040		0.7%		0.7%			0.9%	56.9%		0.7%	52.8%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Ocala

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	101,650	84,973	89,206	99,395	114,074	124,948	127,576	137,207	119,373	94,319	85,733	88,775	1,267,229	1,302,274
	2012	95,461	84,678	93,163	95,804	114,125	112,824	125,112	124,750	115,815	103,591	86,570	92,171	1,244,063	1,230,559
	2013	90,870	85,099	92,695	94,643	104,963	119,187	120,302	129,736	118,642	105,212	87,251	91,987	1,240,586	1,238,467
	2014	108,373	85,568	88,538	93,357	111,294	117,805	127,191	132,108	114,650	102,524	90,178	94,636	1,266,221	1,263,334
	2015	98,616	91,270	96,214	103,169	116,897	126,544	126,971	129,549	118,204	104,337	97,959	95,903	1,305,632	1,294,771
	2016	101,483	92,404	94,922	96,968	115,946	133,360	142,024	136,711	124,481	106,466	89,680	93,580	1,328,026	1,336,499
	2017	96,001	82,937	95,512	101,927	120,446	120,586	132,703	139,159	117,414	112,466	89,007	96,885	1,305,042	1,296,410
	2018	116,795	87,390	92,501	93,623	112,376	127,225	129,253	138,136	132,476	116,974	95,117	96,366	1,338,232	1,328,133
	2019	103,745	86,001	93,690	99,753	128,963	132,064	135,188	138,025	130,229	120,720	91,485	93,892	1,353,755	1,356,115
	2020	99,351	91,597	105,455	99,877	114,199	130,159	137,389	139,379	127,014	109,688	93,930	97,781	1,345,819	1,350,518
Projected	2021	98,570	88,555	98,798	99,130	119,632	124,394	130,193	133,461	119,840	109,592	95,086	98,599	1,315,850	1,313,971
	2022	99,662	89,911	100,419	99,718	121,130	125,264	131,499	134,894	120,878	110,898	96,243	99,757	1,330,274	1,326,654
	2023	100,656	90,956	101,408	100,695	122,336	126,248	132,557	136,008	121,831	111,778	97,105	100,583	1,342,161	1,339,593
	2024	101,430	97,471	102,103	101,482	123,155	126,957	133,360	136,752	122,461	112,496	97,712	101,201	1,356,579	1,354,636
	2025	102,030	92,230	102,687	102,064	123,872	127,606	134,068	137,490	123,126	113,108	98,264	101,809	1,358,354	1,356,582
	2026	102,609	92,768	103,221	102,599	124,524	128,220	134,708	138,153	123,710	113,665	98,751	102,369	1,365,297	1,363,693
	2027	103,163	93,286	103,737	103,124	125,184	128,853	135,387	138,858	124,340	114,265	99,277	102,983	1,372,457	1,370,718
	2028	103,773	99,816	104,309	103,699	125,912	129,572	136,148	139,659	125,047	114,941	99,863	103,662	1,386,401	1,384,459
	2029	104,460	94,487	104,940	104,341	126,719	130,367	136,988	140,532	125,826	115,677	100,501	104,395	1,389,232	1,387,125
	2030	105,195	95,164	105,627	105,035	127,585	131,224	137,897	141,477	126,664	116,527	101,239	105,207	1,398,841	1,396,440
Projected	2031	106,003	95,897	106,389	105,794	128,522	132,155	138,872	142,480	127,553	117,357	101,955	105,996	1,408,971	1,406,637
	2032	106,795	102,764	107,147	106,555	129,466	133,101	139,870	143,512	128,472	118,221	102,706	106,825	1,425,434	1,422,989
	2033	107,621	97,371	107,925	107,330	130,417	134,044	140,856	144,524	129,365	119,057	103,428	107,618	1,429,555	1,427,205
	2034	108,414	98,096	108,681	108,087	131,354	134,976	141,838	145,538	130,265	119,901	104,160	108,427	1,439,737	1,437,351
	2035	109,223	98,836	109,451	108,859	132,308	135,924	142,837	146,569	131,180	120,759	104,903	109,250	1,450,099	1,447,675
	2036	110,042	105,917	110,219	109,623	133,248	136,852	143,807	147,566	132,058	121,576	105,607	110,031	1,466,545	1,464,243
	2037	110,817	100,287	110,942	110,344	134,138	137,727	144,725	148,510	132,890	122,364	106,288	110,788	1,469,819	1,467,593
	2038	111,576	100,984	111,662	111,068	135,040	138,627	145,677	149,498	133,770	123,180	106,993	111,587	1,479,664	1,477,342
	2039	112,377	101,712	112,403	111,810	135,963	139,543	146,642	150,494	134,650	124,009	107,705	112,390	1,489,698	1,487,354
	2040	113,179	108,963	113,143	112,549	136,879	140,452	147,596	151,476	135,515	124,823	108,402	113,176	1,506,153	1,503,857

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	8.0%	6.7%	7.0%	7.8%	9.0%	9.9%	10.1%	10.8%	9.4%	7.4%	6.8%	7.0%	100.0%
	2012	7.7%	6.8%	7.5%	7.7%	9.2%	9.1%	10.1%	10.0%	9.3%	8.3%	7.0%	7.4%	100.0%
	2013	7.3%	6.9%	7.5%	7.6%	8.5%	9.6%	9.7%	10.5%	9.6%	8.5%	7.0%	7.4%	100.0%
	2014	8.6%	6.8%	7.0%	7.4%	8.8%	9.3%	10.0%	10.4%	9.1%	8.1%	7.1%	7.5%	100.0%
	2015	7.6%	7.0%	7.4%	7.9%	9.0%	9.7%	9.7%	9.9%	9.1%	8.0%	7.5%	7.3%	100.0%
	2016	7.6%	7.0%	7.1%	7.3%	8.7%	10.0%	10.7%	10.3%	9.4%	8.0%	6.8%	7.0%	100.0%
	2017	7.4%	6.4%	7.3%	7.8%	9.2%	9.2%	10.2%	10.7%	9.0%	8.6%	6.8%	7.4%	100.0%
	2018	8.7%	6.5%	6.9%	7.0%	8.4%	9.5%	9.7%	10.3%	9.9%	8.7%	7.1%	7.2%	100.0%
	2019	7.7%	6.4%	6.9%	7.4%	9.5%	9.8%	10.0%	10.2%	9.6%	8.9%	6.8%	6.9%	100.0%
	2020	7.4%	6.8%	7.8%	7.4%	8.5%	9.7%	10.2%	10.4%	9.4%	8.2%	7.0%	7.3%	100.0%
Projected	2021	7.5%	6.7%	7.5%	7.5%	9.1%	9.5%	9.9%	10.1%	9.1%	8.3%	7.2%	7.5%	100.0%
	2022	7.5%	6.8%	7.5%	7.5%	9.1%	9.4%	9.9%	10.1%	9.1%	8.3%	7.2%	7.5%	100.0%
	2023	7.5%	6.8%	7.6%	7.5%	9.1%	9.4%	9.9%	10.1%	9.1%	8.3%	7.2%	7.5%	100.0%
	2024	7.5%	7.2%	7.5%	7.5%	9.1%	9.4%	9.8%	10.1%	9.0%	8.3%	7.2%	7.5%	100.0%
	2025	7.5%	6.8%	7.6%	7.5%	9.1%	9.4%	9.9%	10.1%	9.1%	8.3%	7.2%	7.5%	100.0%
	2026	7.5%	6.8%	7.6%	7.5%	9.1%	9.4%	9.9%	10.1%	9.1%	8.3%	7.2%	7.5%	100.0%
	2027	7.5%	6.8%	7.6%	7.5%	9.1%	9.4%	9.9%	10.1%	9.1%	8.3%	7.2%	7.5%	100.0%
	2028	7.5%	7.2%	7.5%	7.5%	9.1%	9.3%	9.8%	10.1%	9.0%	8.3%	7.2%	7.5%	100.0%
	2029	7.5%	6.8%	7.6%	7.5%	9.1%	9.4%	9.9%	10.1%	9.1%	8.3%	7.2%	7.5%	100.0%
	2030	7.5%	6.8%	7.6%	7.5%	9.1%	9.4%	9.9%	10.1%	9.1%	8.3%	7.2%	7.5%	100.0%
Avg.	2011-2020	7.8%	6.7%	7.2%	7.5%	8.9%	9.6%	10.0%	10.4%	9.4%	8.3%	7.0%	7.3%	100.0%
	2021-2030	7.5%	6.9%	7.5%	7.5%	9.1%	9.4%	9.9%	10.1%	9.1%	8.3%	7.2%	7.5%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Mild Weather Case

Ocala

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	269.1	227.1	178.4	238.0	258.1	282.8	274.5	281.3	252.3	210.6	183.5	179.7	279.6	282.8
	2012	260.9	250.8	192.0	221.9	251.7	261.7	264.6	263.9	256.7	235.7	195.2	194.0	260.9	264.6
	2013	197.8	236.1	234.4	210.5	233.3	265.3	265.2	275.8	264.5	232.3	189.7	192.7	236.1	275.8
	2014	253.2	224.1	181.3	234.0	248.0	262.5	274.3	285.1	270.2	237.2	232.5	207.3	253.2	285.1
	2015	230.5	275.5	198.5	224.6	259.4	286.6	270.8	281.4	266.4	231.5	237.6	189.4	275.5	286.6
	2016	257.3	250.9	205.3	234.5	260.7	289.1	295.3	290.5	261.9	232.8	195.6	184.0	257.3	295.3
	2017	232.6	190.6	209.9	256.2	268.5	276.4	282.0	290.6	269.5	265.6	194.0	235.0	232.6	290.6
	2018	297.0	207.9	191.9	200.6	246.3	279.0	276.7	287.6	285.8	269.4	220.3	233.3	297.0	287.6
	2019	248.2	204.9	210.0	233.5	295.5	303.7	292.8	287.6	291.6	260.3	218.5	200.6	248.2	303.7
	2020	246.6	209.1	243.4	229.9	275.0	302.7	297.9	295.2	294.4	256.8	216.3	196.7	246.6	302.7
Projected	2021	259.3	237.2	204.0	226.0	260.0	280.0	276.0	286.1	269.8	243.1	218.9	199.1	259.3	286.1
	2022	262.3	240.0	206.4	228.1	262.5	282.6	278.6	288.8	272.3	245.4	221.4	201.4	262.3	288.8
	2023	265.3	242.7	208.8	230.0	264.7	284.9	280.8	291.1	274.5	247.4	225.1	204.8	265.3	291.1
	2024	269.9	246.9	212.3	231.3	266.3	286.5	282.4	292.7	276.0	248.9	224.7	204.4	269.9	292.7
	2025	269.3	246.4	211.9	232.7	267.8	288.0	283.9	294.3	277.5	250.3	226.1	205.7	269.3	294.3
	2026	271.1	248.0	213.2	233.9	269.2	289.4	285.2	295.7	278.8	251.6	227.5	206.9	271.1	295.7
	2027	272.7	249.5	214.6	235.2	270.7	290.8	286.7	297.2	280.2	253.0	231.0	210.1	272.7	297.2
	2028	276.9	253.3	217.8	236.6	272.4	292.5	288.3	298.9	281.8	254.5	230.7	209.9	276.9	298.9
	2029	276.6	253.0	217.6	238.2	274.3	294.3	290.1	300.8	283.5	256.3	232.5	211.5	276.6	300.8
	2030	278.7	255.0	219.3	239.9	276.3	296.3	292.0	302.8	285.4	258.2	234.4	213.2	278.7	302.8
Projected	2031	281.0	257.1	221.1	241.7	278.4	298.4	294.1	304.9	287.4	260.1	238.3	216.8	281.0	304.9
	2032	285.7	261.3	224.8	243.5	280.5	300.5	296.2	307.1	289.4	262.1	238.3	216.7	285.7	307.1
	2033	285.6	261.3	224.7	245.3	282.6	302.6	298.3	309.3	291.5	264.0	240.1	218.4	285.6	309.3
	2034	287.8	263.3	226.5	247.1	284.7	304.7	300.3	311.5	293.5	266.0	242.1	220.2	287.8	311.5
	2035	290.1	265.4	228.3	249.0	286.8	306.9	302.4	313.7	295.6	267.9	246.1	223.8	290.1	313.7
	2036	295.0	269.9	232.1	250.7	288.9	309.0	304.5	315.8	297.6	269.9	245.9	223.6	295.0	315.8
	2037	294.7	269.6	231.9	252.4	290.9	310.9	306.4	317.8	299.4	271.7	247.7	225.3	294.7	317.8
	2038	296.9	271.6	233.6	254.2	292.9	313.0	308.5	319.9	301.4	273.6	249.6	227.0	296.9	319.9
	2039	299.2	273.7	235.4	256.0	295.0	315.1	310.5	322.1	303.4	275.5	253.7	230.7	299.2	322.1
	2040	304.1	278.2	239.2	257.8	297.1	317.1	312.5	324.2	305.4	277.5	255.5	232.4	304.1	324.2

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	50.8%	55.7%	67.2%	58.0%	59.4%	61.4%	62.5%	65.6%	65.7%	60.2%	64.9%	66.4%	51.7%	52.6%
	2012	49.2%	48.5%	65.2%	60.0%	60.9%	59.9%	63.6%	63.5%	62.7%	59.1%	61.6%	63.9%	54.4%	53.1%
	2013	61.7%	53.6%	53.1%	62.4%	60.5%	62.4%	61.0%	63.2%	62.3%	60.9%	63.9%	64.2%	60.0%	51.3%
	2014	57.5%	56.8%	65.7%	55.4%	60.3%	62.3%	62.3%	62.3%	58.9%	58.1%	53.9%	61.4%	57.1%	50.6%
	2015	57.5%	49.3%	65.2%	63.8%	60.6%	61.3%	63.0%	61.9%	61.6%	60.6%	57.3%	68.1%	54.1%	51.6%
	2016	53.0%	52.9%	62.2%	57.4%	59.8%	64.1%	64.6%	63.3%	66.0%	61.5%	63.7%	68.4%	58.9%	51.7%
	2017	55.5%	64.7%	61.2%	55.3%	60.3%	60.6%	63.2%	64.4%	60.5%	56.9%	63.7%	55.4%	64.1%	50.9%
	2018	52.9%	62.6%	64.8%	64.8%	61.3%	63.3%	62.8%	64.6%	64.4%	58.4%	60.0%	55.5%	51.4%	52.7%
	2019	56.2%	62.5%	60.0%	59.3%	58.7%	60.4%	62.1%	64.5%	62.0%	62.3%	58.1%	62.9%	62.3%	51.0%
	2020	54.2%	62.9%	58.2%	60.3%	55.8%	59.7%	62.0%	63.5%	59.9%	57.4%	60.3%	66.8%	62.3%	50.9%
Projected	2021	51.1%	55.6%	65.1%	60.9%	61.8%	61.7%	63.4%	62.7%	61.7%	60.6%	60.3%	66.6%	57.9%	52.4%
	2022	51.1%	55.8%	65.4%	60.7%	62.0%	61.6%	63.4%	62.8%	61.7%	60.7%	60.4%	66.6%	57.9%	52.4%
	2023	51.0%	55.8%	65.3%	60.8%	62.1%	61.6%	63.4%	62.8%	61.6%	60.7%	59.9%	66.0%	57.7%	52.5%
	2024	50.5%	56.7%	64.6%	60.9%	62.2%	61.6%	63.5%	62.8%	61.6%	60.8%	60.4%	66.6%	57.4%	52.8%
	2025	50.9%	55.7%	65.1%	60.9%	62.2%	61.5%	63.5%	62.8%	61.6%	60.7%	60.3%	66.5%	57.6%	52.6%
	2026	50.9%	55.7%	65.1%	60.9%	62.2%	61.5%	63.5%	62.8%	61.6%	60.7%	60.3%	66.5%	57.5%	52.6%
	2027	50.8%	55.6%	65.0%	60.9%	62.1%	61.5%	63.5%	62.8%	61.6%	60.7%	59.7%	65.9%	57.4%	52.6%
	2028	50.4%	56.6%	64.4%	60.9%	62.1%	61.5%	63.5%	62.8%	61.6%	60.7%	60.1%	66.4%	57.2%	52.9%
	2029	50.8%	55.6%	64.8%	60.8%	62.1%	61.5%	63.5%	62.8%	61.6%	60.7%	60.0%	66.3%	57.3%	52.6%
	2030	50.7%	55.5%	64.7%	60.8%	62.1%	61.5%	63.5%	62.8%	61.6%	60.7%	60.0%	66.3%	57.3%	52.7%
Avg.	2011-2020	54.8%	57.0%	62.3%	59.7%	59.8%	61.5%	62.7%	63.7%	62.4%	59.5%	60.7%	63.3%	57.6%	51.6%
	2021-2030	50.8%	55.9%	65.0%	60.9%	62.1%	61.6%	63.5%	62.8%	61.6%	60.7%	60.1%	66.4%	57.5%	52.6%

FMPA 2021 Load Forecast - Mild Weather Case

Ocala

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	268.3	227.1	154.5	232.8	251.3	282.3	269.8	280.7	251.4	208.5	181.4	156.9	277.2	280.7
	2012	260.9	250.8	192.0	214.5	236.8	261.7	260.1	263.9	256.7	234.5	155.9	194.0	260.9	260.1
	2013	197.8	236.1	234.4	198.3	226.1	256.8	265.2	275.8	262.7	232.3	183.6	168.7	234.4	275.8
	2014	253.2	224.1	142.2	234.0	248.0	261.2	264.7	285.1	269.3	234.7	232.5	207.3	253.2	285.1
	2015	230.5	275.5	197.0	218.1	256.0	286.6	264.6	278.2	253.9	231.5	236.1	186.1	275.5	286.6
	2016	257.3	250.9	205.3	234.5	255.5	289.0	289.3	290.5	255.4	215.9	195.4	184.0	236.1	289.3
	2017	229.4	190.0	209.9	256.2	258.7	274.8	280.4	288.1	253.9	265.6	194.0	235.0	209.9	288.1
	2018	291.6	207.9	185.8	194.4	245.0	254.6	275.3	287.6	275.7	266.7	217.6	233.3	291.6	287.6
	2019	234.0	204.9	199.9	233.5	295.5	303.7	292.5	281.1	291.6	248.2	217.2	164.8	217.6	303.7
	2020	246.6	196.4	243.4	228.7	263.7	298.7	269.6	295.2	291.6	252.4	209.5	187.0	243.4	298.7
Projected	2021	256.9	235.6	195.1	221.9	254.0	276.0	269.1	284.0	264.8	238.9	212.0	189.2	256.9	284.0
	2022	259.9	238.4	197.4	224.0	256.4	278.5	271.5	286.7	267.2	241.1	214.4	191.4	259.9	286.7
	2023	262.9	241.2	199.6	225.9	258.5	280.7	273.7	289.0	269.3	243.1	218.0	194.6	262.9	289.0
	2024	267.4	245.3	203.0	227.2	260.1	282.3	275.2	290.6	270.8	244.6	217.6	194.2	267.4	290.6
	2025	266.8	244.8	202.6	228.5	261.6	283.8	276.7	292.1	272.2	245.9	219.0	195.5	266.8	292.1
	2026	268.6	246.4	203.9	229.7	263.0	285.1	278.0	293.5	273.5	247.2	220.3	196.7	268.6	293.5
	2027	270.2	247.9	205.2	230.9	264.4	286.6	279.4	295.0	274.9	248.6	223.7	199.7	270.2	295.0
	2028	274.3	251.7	208.3	232.4	266.1	288.2	280.9	296.7	276.4	250.1	223.5	199.5	274.3	296.7
	2029	274.0	251.4	208.1	233.9	267.9	290.0	282.7	298.6	278.1	251.8	225.2	201.0	274.0	298.6
	2030	276.2	253.3	209.7	235.6	269.9	291.9	284.5	300.5	279.9	253.7	227.0	202.7	276.2	300.5
Projected	2031	278.4	255.4	211.4	237.3	271.9	294.0	286.5	302.7	281.9	255.6	230.8	206.0	278.4	302.7
	2032	283.0	259.7	214.9	239.1	273.9	296.1	288.6	304.9	283.9	257.5	230.7	206.0	283.0	304.9
	2033	283.0	259.6	214.9	240.9	276.0	298.2	290.6	307.0	285.9	259.4	232.6	207.6	283.0	307.0
	2034	285.2	261.6	216.6	242.7	278.0	300.2	292.6	309.2	287.9	261.3	234.4	209.3	285.2	309.2
	2035	287.5	263.7	218.3	244.5	280.1	302.4	294.7	311.3	289.9	263.3	238.3	212.7	287.5	311.3
	2036	292.3	268.1	221.9	246.2	282.1	304.4	296.7	313.5	291.9	265.1	238.1	212.5	292.3	313.5
	2037	292.0	267.9	221.7	247.9	284.1	306.3	298.6	315.5	293.7	267.0	239.9	214.1	292.0	315.5
	2038	294.1	269.8	223.4	249.6	286.1	308.4	300.5	317.6	295.6	268.8	241.7	215.8	294.1	317.6
	2039	296.4	271.9	225.1	251.4	288.1	310.4	302.5	319.7	297.6	270.7	245.7	219.3	296.4	319.7
	2040	301.3	276.4	228.8	253.1	290.1	312.4	304.5	321.7	299.5	272.6	247.5	220.9	301.3	321.7

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	99.7%	100.0%	86.6%	97.8%	97.4%	99.8%	98.3%	99.8%	99.6%	99.0%	98.8%	87.3%	99.1%	99.3%
	2012	100.0%	100.0%	100.0%	96.6%	94.1%	100.0%	98.3%	100.0%	100.0%	99.5%	79.9%	100.0%	100.0%	98.3%
	2013	100.0%	100.0%	100.0%	94.2%	96.9%	96.8%	100.0%	100.0%	99.3%	100.0%	96.8%	87.6%	99.3%	100.0%
	2014	100.0%	100.0%	78.5%	100.0%	100.0%	99.5%	96.5%	100.0%	99.7%	98.9%	100.0%	100.0%	100.0%	100.0%
	2015	100.0%	100.0%	99.3%	97.1%	98.7%	100.0%	97.7%	98.8%	95.3%	100.0%	99.4%	98.3%	100.0%	100.0%
	2016	100.0%	100.0%	100.0%	100.0%	98.0%	100.0%	98.0%	100.0%	97.5%	92.7%	99.9%	100.0%	91.8%	98.0%
	2017	98.6%	99.7%	100.0%	100.0%	96.3%	99.4%	99.4%	99.1%	94.2%	100.0%	100.0%	100.0%	90.3%	99.1%
	2018	98.2%	100.0%	96.8%	96.9%	99.5%	91.3%	99.5%	100.0%	96.5%	99.0%	98.8%	100.0%	98.2%	100.0%
	2019	94.3%	100.0%	95.2%	100.0%	100.0%	100.0%	99.9%	97.7%	100.0%	95.4%	99.4%	82.1%	87.7%	100.0%
	2020	100.0%	93.9%	100.0%	99.5%	95.9%	98.7%	90.5%	100.0%	99.0%	98.3%	96.8%	95.0%	98.7%	98.7%
Projected	2021	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2022	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2023	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2024	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2025	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2026	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2027	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2028	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2029	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2030	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.4%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2011-2020	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.8%	99.5%	98.1%	98.3%	97.0%	95.0%	96.5%	99.3%
	2021-2030	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%

FMPA 2021 Load Forecast - Mild Weather Case - Ocala

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service Non-Demand						Industrial						Lights		City		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	523,603		39,663		13,201		167,759		7,242		23.2		554,408		1,009		549		12,460		13,122		1,271,352		30,922	2.4%	1,302,274	
	2012	471,445	-10.0%	40,083	1.1%	11,762	-10.9%	158,200	-5.7%	6,984	-3.6%	22.7	-2.2%	529,949	-4.4%	1,008	-0.1%	526	-4.3%	12,541	0.6%	13,024	-0.7%	1,185,159	-6.8%	45,400	3.7%	1,230,559	-5.5%
	2013	478,340	1.5%	40,173	0.2%	11,907	1.2%	158,730	0.3%	7,165	2.6%	22.2	-2.2%	533,600	0.7%	1,000	-0.8%	534	1.5%	12,775	1.9%	13,192	1.3%	1,196,637	1.0%	41,830	3.4%	1,238,467	0.6%
	2014	490,714	2.6%	40,231	0.1%	12,197	2.4%	165,155	4.0%	7,249	1.2%	22.8	2.9%	523,308	-1.9%	963	-3.7%	543	1.8%	11,874	-7.1%	23,046	74.7%	1,214,097	1.5%	49,237	3.9%	1,263,334	2.0%
	2015	510,914	4.1%	40,906	1.7%	12,490	2.4%	169,061	2.4%	7,365	1.6%	23.0	0.8%	528,839	1.1%	990	2.8%	534	-1.7%	12,150	2.3%	23,894	3.7%	1,244,858	2.5%	49,913	3.9%	1,294,771	2.5%
	2016	532,510	4.2%	41,183	0.7%	12,930	3.5%	167,558	-0.9%	7,410	0.6%	22.6	-1.5%	562,681	6.4%	1,017	2.7%	553	3.6%	12,030	-1.0%	24,924	4.3%	1,299,703	4.4%	36,796	2.8%	1,336,499	3.2%
	2017	507,466	-4.7%	41,585	1.0%	12,203	-5.6%	160,633	-4.1%	7,461	0.7%	21.5	-4.8%	556,672	-1.1%	1,041	2.4%	535	-3.4%	12,217	1.6%	24,783	-0.6%	1,261,771	-2.9%	34,639	2.7%	1,296,410	-3.0%
	2018	520,318	2.5%	41,941	0.9%	12,406	1.7%	160,227	-0.3%	7,532	1.0%	21.3	-1.2%	556,977	0.1%	1,061	1.8%	525	-1.7%	12,452	1.9%	23,850	-3.8%	1,273,823	1.0%	54,310	4.1%	1,328,133	2.4%
	2019	541,137	4.0%	42,614	1.6%	12,699	2.4%	168,516	5.2%	7,693	2.1%	21.9	3.0%	566,333	1.7%	990	-6.6%	572	8.9%	12,939	3.9%	24,293	1.9%	1,313,218	3.1%	42,897	3.2%	1,356,115	2.1%
	2020	553,147	2.2%	43,036	1.0%	12,853	1.2%	168,127	-0.2%	7,790	1.3%	21.6	-1.5%	547,107	-3.4%	925	-6.6%	591	3.4%	13,072	1.0%	24,503	0.9%	1,305,956	-0.6%	44,562	3.3%	1,350,518	-0.4%
Projected	2021	524,524	-5.2%	43,685	1.5%	12,007	-6.6%	164,199	-2.3%	7,813	0.3%	21.0	-2.6%	542,905	-0.8%	941	1.7%	577	-2.5%	13,072	0.0%	24,599	0.4%	1,269,299	-2.8%	47,005	3.6%	1,316,304	-2.5%
	2022	518,330	-1.2%	44,124	1.0%	11,747	-2.2%	165,357	0.7%	7,868	0.7%	21.0	0.0%	558,606	2.9%	957	1.6%	584	1.2%	13,072	0.0%	24,546	-0.2%	1,279,912	0.8%	49,987	3.8%	1,329,899	1.0%
	2023	516,551	-0.3%	44,532	0.9%	11,600	-1.3%	167,597	1.4%	7,923	0.7%	21.2	0.6%	571,534	2.3%	972	1.6%	588	0.7%	13,072	0.0%	24,514	-0.1%	1,293,268	1.0%	50,485	3.8%	1,343,753	1.0%
	2024	512,337	-0.8%	44,916	0.9%	11,407	-1.7%	169,767	1.3%	7,976	0.7%	21.3	0.6%	583,483	2.1%	987	1.5%	591	0.6%	13,072	0.0%	24,479	-0.1%	1,303,137	0.8%	56,676	4.2%	1,359,813	1.2%
	2025	510,536	-0.4%	45,280	0.8%	11,275	-1.2%	171,826	1.2%	8,026	0.6%	21.4	0.6%	591,795	1.4%	1,001	1.5%	591	-0.1%	13,072	0.0%	24,441	-0.2%	1,311,669	0.7%	51,179	3.8%	1,362,849	0.2%
	2026	510,796	0.1%	45,623	0.8%	11,196	-0.7%	173,822	1.2%	8,073	0.6%	21.5	0.6%	597,813	1.0%	1,016	1.4%	589	-0.4%	13,072	0.0%	24,415	-0.1%	1,319,918	0.6%	51,497	3.8%	1,371,415	0.6%
	2027	512,017	0.2%	45,939	0.7%	11,146	-0.5%	175,736	1.1%	8,118	0.6%	21.6	0.5%	602,847	0.8%	1,030	1.4%	585	-0.5%	13,072	0.0%	24,518	0.4%	1,328,190	0.6%	51,822	3.8%	1,380,012	0.6%
	2028	514,095	0.4%	46,243	0.7%	11,117	-0.3%	177,619	1.1%	8,162	0.5%	21.8	0.5%	607,796	0.8%	1,044	1.4%	582	-0.5%	13,072	0.0%	24,687	0.7%	1,337,269	0.7%	58,158	4.2%	1,395,426	1.1%
	2029	516,776	0.5%	46,535	0.6%	11,105	-0.1%	179,514	1.1%	8,206	0.5%	21.9	0.5%	613,021	0.9%	1,058	1.3%	579	-0.5%	13,072	0.0%	24,856	0.7%	1,347,240	0.7%	52,574	3.8%	1,399,813	0.3%
	2030	519,772	0.6%	46,815	0.6%	11,103	0.0%	181,432	1.1%	8,249	0.5%	22.0	0.5%	618,638	0.9%	1,072	1.3%	577	-0.4%	13,072	0.0%	25,024	0.7%	1,357,938	0.8%	52,995	3.8%	1,410,933	0.8%
	2031	523,081	0.6%	47,075	0.6%	11,112	0.1%	183,316	1.0%	8,291	0.5%	22.1	0.5%	624,273	0.9%	1,086	1.3%	575	-0.4%	13,072	0.0%	25,196	0.7%	1,368,938	0.8%	53,423	3.8%	1,422,361	0.8%
	2032	526,431	0.6%	47,308	0.5%	11,128	0.1%	185,155	1.0%	8,332	0.5%	22.2	0.5%	629,898	0.9%	1,099	1.2%	573	-0.3%	13,072	0.0%	25,423	0.9%	1,379,979	0.8%	60,023	4.2%	1,440,001	1.2%
	2033	529,754	0.6%	47,531	0.5%	11,146	0.2%	186,989	1.0%	8,373	0.5%	22.3	0.5%	635,687	0.9%	1,113	1.2%	571	-0.3%	13,072	0.0%	25,681	1.0%	1,391,184	0.8%	54,292	3.8%	1,445,476	0.4%
	2034	532,912	0.6%	47,746	0.5%	11,161	0.1%	188,767	1.0%	8,411	0.5%	22.4	0.5%	641,505	0.9%	1,126	1.2%	570	-0.3%	13,072	0.0%	25,940	1.0%	1,402,197	0.8%	54,722	3.8%	1,456,919	0.8%
	2035	536,184	0.6%	47,956	0.4%	11,181	0.2%	190,522	0.9%	8,449	0.4%	22.5	0.5%	647,443	0.9%	1,140	1.2%	568	-0.3%	13,072	0.0%	26,201	1.0%	1,413,422	0.8%	55,161	3.8%	1,468,583	0.8%
	2036	539,362	0.6%	48,155	0.4%	11,200	0.2%	192,278	0.9%	8,487	0.4%	22.7	0.5%	653,445	0.9%	1,153	1.2%	567	-0.3%	13,072	0.0%	26,458	1.0%	1,424,615	0.8%	61,965	4.2%	1,486,579	1.2%
	2037	542,345	0.6%	48,340	0.4%	11,219	0.2%	193,989	0.9%	8,523	0.4%	22.8	0.5%	659,263	0.9%	1,167	1.2%	565	-0.3%	13,072	0.0%	26,691	0.9%	1,435,360	0.8%	56,014	3.8%	1,491,374	0.3%
	2038	545,507	0.6%	48,521	0.4%	11,243	0.2%	195,685	0.9%	8,558	0.4%	22.9	0.5%	664,950	0.9%	1,180	1.1%	564	-0.3%	13,072	0.0%	26,913	0.8%	1,446,126	0.8%	56,436	3.8%	1,502,563	0.8%
	2039	549,140	0.7%	48,699	0.4%	11,276	0.3%	197,394	0.9%	8,594	0.4%	23.0	0.5%	670,586	0.8%	1,193	1.1%	562	-0.3%	13,072	0.0%	27,135	0.8%	1,457,327	0.8%	56,874	3.8%	1,514,201	0.8%
	2040	552,791	0.7%	48,876	0.4%	11,310	0.3%	199,112	0.9%	8,629	0.4%	23.1	0.5%	676,163	0.8%	1,206	1.1%	560	-0.3%	13,072	0.0%	27,358	0.8%	1,468,497	0.8%	63,874	4.2%	1,532,371	1.2%
CAGR	2011-2020		0.6%		0.9%		-0.3%		0.0%		0.8%		-0.8%		-0.1%		-1.0%		0.8%		0.5%		7.2%		0.3%		3.3%		0.4%
	2021-2030		-0.1%		0.8%		-0.9%		1.1%		0.6%		0.5%		1.5%		1.5%		0.0%		0.0%		0.2%		0.8%		3.8%		0.8%
	2031-2040		0.6%		0.4%		0.2%		0.9%		0.4%		0.5%		0.9%		1.2%		-0.3%		0.0%		0.9%		0.8%		3.9%		0.8%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - Severe Weather Case

Ocala

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	1,302,274	-	1,254,459	-	-3.7%	277.2	-	268.4	-	-3.2%	280.7	-	257.5		-8.3%
	2012	1,230,559	-5.5%	1,241,370	-1.0%	0.9%	260.9	-5.9%	248.9	-7.2%	-4.6%	260.1	-7.3%	289.5	12.4%	11.3%
	2013	1,238,467	0.6%	1,245,645	0.3%	0.6%	234.4	-10.1%	231.6	-7.0%	-1.2%	275.8	6.0%	281.1	-2.9%	1.9%
	2014	1,263,334	2.0%	1,271,722	2.1%	0.7%	253.2	8.0%	261.3	12.8%	3.2%	285.1	3.4%	288.5	2.6%	1.2%
	2015	1,294,771	2.5%	1,273,776	0.2%	-1.6%	275.5	8.8%	257.9	-1.3%	-6.4%	286.6	0.5%	296.9	2.9%	3.6%
	2016	1,336,499	3.2%	1,304,293	2.4%	-2.4%	236.1	-14.3%	265.5	2.9%	12.5%	289.3	0.9%	285.2	-4.0%	-1.4%
	2017	1,296,410	-3.0%	1,305,825	0.1%	0.7%	209.9	-11.1%	226.6	-14.7%	7.9%	288.1	-0.4%	303.1	6.3%	5.2%
	2018	1,328,133	2.4%	1,284,846	-1.6%	-3.3%	291.6	38.9%	288.5	27.3%	-1.1%	287.6	-0.2%	279.1	-7.9%	-3.0%
	2019	1,356,115	2.1%	1,305,690	1.6%	-3.7%	217.6	-25.4%	276.2	-4.3%	26.9%	303.7	5.6%	302.1	8.3%	-0.5%
	2020	1,350,518	-0.4%	1,361,654	4.3%	0.8%	243.4	11.9%	263.8	-4.5%	8.4%	298.7	-1.6%	291.7	-3.5%	-2.4%
Projected	2021	1,409,352	4.4%	1,409,352	3.5%		292.0	19.9%	292.0	10.7%		314.3	5.2%	314.3	7.7%	
	2022			1,424,279	1.1%				294.7	0.9%				317.2	0.9%	
	2023			1,438,278	1.0%				297.8	1.0%				319.8	0.8%	
	2024			1,454,581	1.1%				302.1	1.5%				321.7	0.6%	
	2025			1,457,133	0.2%				301.4	-0.2%				323.6	0.6%	
	2026			1,465,971	0.6%				303.2	0.6%				325.5	0.6%	
	2027			1,474,959	0.6%				304.9	0.6%				327.5	0.6%	
	2028			1,491,375	1.1%				309.3	1.4%				329.8	0.7%	
	2029			1,495,877	0.3%				309.1	-0.1%				332.3	0.7%	
	2030			1,507,650	0.8%				311.5	0.8%				334.9	0.8%	
	2031			1,519,772	0.8%				314.0	0.8%				337.6	0.8%	
	2032			1,538,612	1.2%				318.9	1.6%				340.3	0.8%	
	2033			1,544,284	0.4%				319.0	0.0%				343.0	0.8%	
	2034			1,556,399	0.8%				321.4	0.8%				345.7	0.8%	
	2035			1,568,753	0.8%				324.0	0.8%				348.4	0.8%	
	2036			1,587,935	1.2%				329.1	1.6%				351.1	0.8%	
	2037			1,592,859	0.3%				328.9	0.0%				353.6	0.7%	
	2038			1,604,711	0.7%				331.3	0.7%				356.3	0.8%	
	2039			1,617,081	0.8%				333.9	0.8%				359.0	0.8%	
	2040			1,636,506	1.2%				339.0	1.5%				361.8	0.8%	
CAGR [3]	2011-2020		0.4%		0.9%			-1.4%		-0.2%			0.7%		1.4%	
	2021-2030				0.8%					0.7%					0.7%	
	2031-2040				0.8%					0.9%					0.8%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Ocala

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	1,302,274	-	1,302,274	-	279.6	282.8	279.6	282.8	277.2	280.7	277.2	280.7
	2012	1,230,559	-5.5%	1,230,559	-5.5%	260.9	264.6	260.9	264.6	260.9	260.1	260.9	260.1
	2013	1,238,467	0.6%	1,238,467	0.6%	236.1	275.8	236.1	275.8	234.4	275.8	234.4	275.8
	2014	1,263,334	2.0%	1,263,334	2.0%	253.2	285.1	253.2	285.1	253.2	285.1	253.2	285.1
	2015	1,294,771	2.5%	1,294,771	2.5%	275.5	286.6	275.5	286.6	275.5	286.6	275.5	286.6
	2016	1,336,499	3.2%	1,336,499	3.2%	257.3	295.3	257.3	295.3	236.1	289.3	236.1	289.3
	2017	1,296,410	-3.0%	1,296,410	-3.0%	232.6	290.6	232.6	290.6	209.9	288.1	209.9	288.1
	2018	1,328,133	2.4%	1,328,133	2.4%	297.0	287.6	297.0	287.6	291.6	287.6	291.6	287.6
	2019	1,356,115	2.1%	1,356,115	2.1%	248.2	303.7	248.2	303.7	217.6	303.7	217.6	303.7
	2020	1,350,518	-0.4%	1,381,128	1.8%	246.6	302.7	292.2	308.2	243.4	298.7	289.5	306.0
Projected	2021	1,409,352	4.4%	1,387,527	0.5%	294.7	316.6	292.1	310.1	292.0	314.3	289.4	307.9
	2022	1,424,279	1.1%	1,398,890	0.8%	297.5	319.6	294.4	312.7	294.7	317.2	291.7	310.4
	2023	1,438,278	1.0%	1,409,314	0.7%	300.5	322.2	296.7	314.9	297.8	319.8	294.0	312.6
	2024	1,454,581	1.1%	1,424,977	1.1%	304.9	324.1	301.1	316.9	302.1	321.7	298.4	314.6
	2025	1,457,133	0.2%	1,427,942	0.2%	304.2	326.0	300.6	319.0	301.4	323.6	297.8	316.7
	2026	1,465,971	0.6%	1,436,847	0.6%	306.0	327.9	302.5	320.9	303.2	325.5	299.7	318.6
	2027	1,474,959	0.6%	1,445,203	0.6%	307.8	329.9	304.3	322.8	304.9	327.5	301.5	320.4
	2028	1,491,375	1.1%	1,459,857	1.0%	312.2	332.2	308.5	324.6	309.3	329.8	305.7	322.2
	2029	1,495,877	0.3%	1,461,445	0.1%	312.0	334.7	307.7	326.4	309.1	332.3	304.8	324.0
	2030	1,507,650	0.8%	1,469,606	0.6%	314.3	337.4	309.3	328.2	311.5	334.9	306.5	325.8
	2031	1,519,772	0.8%	1,478,393	0.6%	316.9	340.0	311.1	330.2	314.0	337.6	308.3	327.8
	2032	1,538,612	1.2%	1,494,048	1.1%	321.9	342.8	315.6	332.2	318.9	340.3	312.7	329.8
	2033	1,544,284	0.4%	1,496,419	0.2%	322.0	345.5	314.9	334.2	319.0	343.0	312.0	331.7
	2034	1,556,399	0.8%	1,504,750	0.6%	324.4	348.2	316.7	336.0	321.4	345.7	313.8	333.6
	2035	1,568,753	0.8%	1,512,954	0.5%	327.0	350.9	318.4	337.8	324.0	348.4	315.5	335.4
	2036	1,587,935	1.2%	1,527,684	1.0%	332.1	353.6	322.7	339.5	329.1	351.1	319.8	337.1
	2037	1,592,859	0.3%	1,528,425	0.0%	332.0	356.2	321.7	341.2	328.9	353.6	318.7	338.7
	2038	1,604,711	0.7%	1,536,054	0.5%	334.4	358.9	323.2	342.9	331.3	356.3	320.2	340.4
	2039	1,617,081	0.8%	1,544,204	0.5%	337.0	361.7	324.9	344.7	333.9	359.0	321.9	342.2
	2040	1,636,506	1.2%			342.2	364.4			339.0	361.8		
CAGR[1]	Historical		0.4%		0.5%	-1.4%	0.8%	-1.5%	0.9%	-0.9%	1.7%	-2.6%	2.2%
	1st 10 Prj Yrs		0.8%		0.6%	0.7%	0.7%	0.6%	0.6%	0.7%	0.7%	0.6%	0.6%
	2nd 10 Prj Yrs		0.8%		0.6%	0.9%	0.8%	0.5%	0.5%	0.9%	0.8%	0.5%	0.5%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Ocala

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	1,302,274	-	1,254,459	-	-3.7%	277.2	-	268.4	-	-3.2%	280.7	-	257.5		-8.3%
	2012	1,230,559	-5.5%	1,241,370	-1.0%	0.9%	260.9	-5.9%	248.9	-7.2%	-4.6%	260.1	-7.3%	289.5	12.4%	11.3%
	2013	1,238,467	0.6%	1,245,645	0.3%	0.6%	234.4	-10.1%	231.6	-7.0%	-1.2%	275.8	6.0%	281.1	-2.9%	1.9%
	2014	1,263,334	2.0%	1,271,722	2.1%	0.7%	253.2	8.0%	261.3	12.8%	3.2%	285.1	3.4%	288.5	2.6%	1.2%
	2015	1,294,771	2.5%	1,273,776	0.2%	-1.6%	275.5	8.8%	257.9	-1.3%	-6.4%	286.6	0.5%	296.9	2.9%	3.6%
	2016	1,336,499	3.2%	1,304,293	2.4%	-2.4%	236.1	-14.3%	265.5	2.9%	12.5%	289.3	0.9%	285.2	-4.0%	-1.4%
	2017	1,296,410	-3.0%	1,305,825	0.1%	0.7%	209.9	-11.1%	226.6	-14.7%	7.9%	288.1	-0.4%	303.1	6.3%	5.2%
	2018	1,328,133	2.4%	1,284,846	-1.6%	-3.3%	291.6	38.9%	288.5	27.3%	-1.1%	287.6	-0.2%	279.1	-7.9%	-3.0%
	2019	1,356,115	2.1%	1,305,690	1.6%	-3.7%	217.6	-25.4%	276.2	-4.3%	26.9%	303.7	5.6%	302.1	8.3%	-0.5%
	2020	1,350,518	-0.4%	1,354,179	3.7%	0.3%	243.4	11.9%	263.8	-4.5%	8.4%	298.7	-1.6%	291.7	-3.5%	-2.4%
Projected	2021	1,407,020	4.2%	1,407,020	3.9%		292.0	19.9%	292.0	10.7%		313.7	5.0%	313.7	7.6%	
	2022			1,421,034	1.0%				294.7	0.9%				316.5	0.9%	
	2023			1,434,117	0.9%				297.8	1.0%				318.8	0.8%	
	2024			1,449,403	1.1%				302.1	1.5%				320.5	0.5%	
	2025			1,450,867	0.1%				301.4	-0.2%				322.1	0.5%	
	2026			1,458,249	0.5%				303.2	0.6%				323.7	0.5%	
	2027			1,465,665	0.5%				304.9	0.6%				325.3	0.5%	
	2028			1,480,408	1.0%				309.3	1.4%				327.2	0.6%	
	2029			1,483,189	0.2%				309.1	-0.1%				329.2	0.6%	
	2030			1,493,157	0.7%				311.5	0.8%				331.5	0.7%	
	2031			1,504,048	0.7%				314.0	0.8%				333.8	0.7%	
	2032			1,521,600	1.2%				318.9	1.6%				336.3	0.7%	
	2033			1,526,014	0.3%				319.0	0.0%				338.6	0.7%	
	2034			1,536,831	0.7%				321.4	0.8%				341.0	0.7%	
	2035			1,547,845	0.7%				324.0	0.8%				343.4	0.7%	
	2036			1,565,599	1.1%				329.1	1.6%				345.8	0.7%	
	2037			1,569,078	0.2%				328.9	0.0%				348.0	0.6%	
	2038			1,579,491	0.7%				331.3	0.7%				350.3	0.7%	
	2039			1,590,235	0.7%				333.9	0.8%				352.7	0.7%	
	2040			1,607,992	1.1%				339.0	1.5%				355.0	0.7%	
CAGR [3]	2011-2020		0.4%		0.9%			-1.4%		-0.2%			0.7%		1.4%	
	2021-2030				0.7%					0.7%					0.6%	
	2031-2040				0.7%					0.9%					0.7%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Ocala

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	1,302,274	-	1,254,459	-	-3.7%	279.6	-	53.2%	282.8	-	52.6%
	2012	1,230,559	-5.5%	1,241,370	-1.0%	0.9%	260.9	-6.7%	53.9%	264.6	-6.4%	53.1%
	2013	1,238,467	0.6%	1,245,645	0.3%	0.6%	236.1	-9.5%	59.9%	275.8	4.2%	51.3%
	2014	1,263,334	2.0%	1,271,722	2.1%	0.7%	253.2	7.2%	57.0%	285.1	3.4%	50.6%
	2015	1,294,771	2.5%	1,273,776	0.2%	-1.6%	275.5	8.8%	53.7%	286.6	0.5%	51.6%
	2016	1,336,499	3.2%	1,304,293	2.4%	-2.4%	257.3	-6.6%	59.3%	295.3	3.0%	51.7%
	2017	1,296,410	-3.0%	1,305,825	0.1%	0.7%	232.6	-9.6%	63.6%	290.6	-1.6%	50.9%
	2018	1,328,133	2.4%	1,284,846	-1.6%	-3.3%	297.0	27.7%	51.0%	287.6	-1.1%	52.7%
	2019	1,356,115	2.1%	1,305,690	1.6%	-3.7%	248.2	-16.4%	62.4%	303.7	5.6%	51.0%
	2020	1,350,518	-0.4%	1,361,654	4.3%	0.8%	246.6	-0.7%	62.5%	302.7	-0.3%	50.9%
Projected	2021	1,407,020	4.2%	1,407,020	3.3%		294.7	19.5%	54.5%	316.0	4.4%	50.8%
	2022	1,421,034	1.0%	1,421,034	1.0%		297.5	0.9%	54.5%	318.8	0.9%	50.9%
	2023	1,434,117	0.9%	1,434,117	0.9%		300.5	1.0%	54.5%	321.2	0.8%	51.0%
	2024	1,449,403	1.1%	1,449,403	1.1%		304.9	1.5%	54.3%	322.8	0.5%	51.2%
	2025	1,450,867	0.1%	1,450,867	0.1%		304.2	-0.2%	54.4%	324.5	0.5%	51.0%
	2026	1,458,249	0.5%	1,458,249	0.5%		306.0	0.6%	54.4%	326.1	0.5%	51.1%
	2027	1,465,665	0.5%	1,465,665	0.5%		307.8	0.6%	54.4%	327.7	0.5%	51.1%
	2028	1,480,408	1.0%	1,480,408	1.0%		312.2	1.4%	54.1%	329.6	0.6%	51.3%
	2029	1,483,189	0.2%	1,483,189	0.2%		312.0	-0.1%	54.3%	331.7	0.6%	51.0%
	2030	1,493,157	0.7%	1,493,157	0.7%		314.3	0.8%	54.2%	333.9	0.7%	51.0%
	2031	1,504,048	0.7%	1,504,048	0.7%		316.9	0.8%	54.2%	336.3	0.7%	51.1%
	2032	1,521,600	1.2%	1,521,600	1.2%		321.9	1.6%	54.0%	338.7	0.7%	51.3%
	2033	1,526,014	0.3%	1,526,014	0.3%		322.0	0.0%	54.1%	341.1	0.7%	51.1%
	2034	1,536,831	0.7%	1,536,831	0.7%		324.4	0.8%	54.1%	343.5	0.7%	51.1%
	2035	1,547,845	0.7%	1,547,845	0.7%		327.0	0.8%	54.0%	346.0	0.7%	51.1%
	2036	1,565,599	1.1%	1,565,599	1.1%		332.1	1.6%	53.8%	348.3	0.7%	51.3%
	2037	1,569,078	0.2%	1,569,078	0.2%		332.0	0.0%	53.9%	350.6	0.6%	51.1%
	2038	1,579,491	0.7%	1,579,491	0.7%		334.4	0.7%	53.9%	352.9	0.7%	51.1%
	2039	1,590,235	0.7%	1,590,235	0.7%		337.0	0.8%	53.9%	355.3	0.7%	51.1%
	2040	1,607,992	1.1%	1,607,992	1.1%		342.2	1.5%	53.6%	357.6	0.7%	51.3%
CAGR [1]	2011-2020		0.4%		0.9%			-1.4%	57.6%		0.8%	51.6%
	2021-2030		0.7%		0.7%			0.7%	54.4%		0.6%	51.0%
	2031-2040		0.7%		0.7%			0.9%	54.0%		0.7%	51.1%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Ocala

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	101,650	84,973	89,206	99,395	114,074	124,948	127,576	137,207	119,373	94,319	85,733	88,775	1,267,229	1,302,274
	2012	95,461	84,678	93,163	95,804	114,125	112,824	125,112	124,750	115,815	103,591	86,570	92,171	1,244,063	1,230,559
	2013	90,870	85,099	92,695	94,643	104,963	119,187	120,302	129,736	118,642	105,212	87,251	91,987	1,240,586	1,238,467
	2014	108,373	85,568	88,538	93,357	111,294	117,805	127,191	132,108	114,650	102,524	90,178	94,636	1,266,221	1,263,334
	2015	98,616	91,270	96,214	103,169	116,897	126,544	126,971	129,549	118,204	104,337	97,959	95,903	1,305,632	1,294,771
	2016	101,483	92,404	94,922	96,968	115,946	133,360	142,024	136,711	124,481	106,466	89,680	93,580	1,328,026	1,336,499
	2017	96,001	82,937	95,512	101,927	120,446	120,586	132,703	139,159	117,414	112,466	89,007	96,885	1,305,042	1,296,410
	2018	116,795	87,390	92,501	93,623	112,376	127,225	129,253	138,136	132,476	116,974	95,117	96,366	1,338,232	1,328,133
	2019	103,745	86,001	93,690	99,753	128,963	132,064	135,188	138,025	130,229	120,720	91,485	93,892	1,353,755	1,356,115
	2020	99,351	91,597	105,455	99,877	114,199	130,159	137,389	139,379	127,014	109,688	93,930	108,983	1,357,022	1,350,518
Projected	2021	115,786	99,099	99,822	99,130	119,632	135,442	145,153	148,829	131,526	111,109	95,086	109,744	1,410,358	1,407,020
	2022	116,741	100,327	101,339	99,718	121,130	136,365	146,532	150,336	132,607	112,409	96,243	110,958	1,424,705	1,421,034
	2023	117,754	101,354	102,287	100,695	122,336	137,403	147,623	151,480	133,576	113,271	97,105	111,778	1,436,662	1,434,117
	2024	118,430	108,252	102,909	101,482	123,155	138,139	148,446	152,231	134,205	113,978	97,712	112,397	1,451,335	1,449,403
	2025	118,969	102,466	103,455	102,064	123,872	138,833	149,198	153,015	134,906	114,587	98,264	113,042	1,452,673	1,450,867
	2026	119,570	103,008	103,971	102,599	124,524	139,501	149,901	153,743	135,540	115,146	98,751	113,649	1,459,901	1,458,249
	2027	120,172	103,550	104,477	103,124	125,184	140,196	150,657	154,528	136,232	115,750	99,277	114,321	1,467,468	1,465,665
	2028	120,858	110,610	105,044	103,699	125,912	140,988	151,512	155,426	137,011	116,433	99,863	115,072	1,482,428	1,480,408
	2029	121,642	104,848	105,671	104,341	126,719	141,863	152,457	156,407	137,873	117,178	100,501	115,881	1,485,380	1,483,189
	2030	122,481	105,584	106,356	105,035	127,585	142,808	153,479	157,468	138,800	118,038	101,239	116,780	1,495,653	1,493,157
Projected	2031	123,408	106,385	107,117	105,794	128,522	143,828	154,570	158,589	139,778	118,877	101,955	117,652	1,506,475	1,504,048
	2032	124,317	113,820	107,875	106,555	129,466	144,864	155,686	159,744	140,790	119,751	102,706	118,569	1,524,143	1,521,600
	2033	125,264	107,996	108,652	107,330	130,417	145,896	156,788	160,873	141,771	120,596	103,428	119,443	1,528,453	1,526,014
	2034	126,167	108,784	109,405	108,087	131,354	146,917	157,885	162,005	142,761	121,449	104,160	120,336	1,539,310	1,536,831
	2035	127,093	109,590	110,173	108,859	132,308	147,956	159,000	163,155	143,766	122,316	104,903	121,245	1,550,363	1,547,845
	2036	128,026	117,247	110,939	109,623	133,248	148,972	160,084	164,267	144,730	123,141	105,607	122,105	1,567,989	1,565,599
	2037	128,909	111,166	111,658	110,344	134,138	149,932	161,110	165,321	145,646	123,938	106,288	122,940	1,571,389	1,569,078
	2038	129,774	111,924	112,376	111,068	135,040	150,919	162,178	166,429	146,617	124,764	106,993	123,828	1,581,911	1,579,491
	2039	130,700	112,725	113,119	111,810	135,963	151,928	163,264	167,549	147,591	125,604	107,705	124,720	1,592,678	1,590,235
	2040	131,630	120,574	113,860	112,549	136,879	152,928	164,339	168,655	148,550	126,428	108,402	125,593	1,610,386	1,607,992

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	8.0%	6.7%	7.0%	7.8%	9.0%	9.9%	10.1%	10.8%	9.4%	7.4%	6.8%	7.0%	100.0%
	2012	7.7%	6.8%	7.5%	7.7%	9.2%	9.1%	10.1%	10.0%	9.3%	8.3%	7.0%	7.4%	100.0%
	2013	7.3%	6.9%	7.5%	7.6%	8.5%	9.6%	9.7%	10.5%	9.6%	8.5%	7.0%	7.4%	100.0%
	2014	8.6%	6.8%	7.0%	7.4%	8.8%	9.3%	10.0%	10.4%	9.1%	8.1%	7.1%	7.5%	100.0%
	2015	7.6%	7.0%	7.4%	7.9%	9.0%	9.7%	9.7%	9.9%	9.1%	8.0%	7.5%	7.3%	100.0%
	2016	7.6%	7.0%	7.1%	7.3%	8.7%	10.0%	10.7%	10.3%	9.4%	8.0%	6.8%	7.0%	100.0%
	2017	7.4%	6.4%	7.3%	7.8%	9.2%	9.2%	10.2%	10.7%	9.0%	8.6%	6.8%	7.4%	100.0%
	2018	8.7%	6.5%	6.9%	7.0%	8.4%	9.5%	9.7%	10.3%	9.9%	8.7%	7.1%	7.2%	100.0%
	2019	7.7%	6.4%	6.9%	7.4%	9.5%	9.8%	10.0%	10.2%	9.6%	8.9%	6.8%	6.9%	100.0%
	2020	7.3%	6.7%	7.8%	7.4%	8.4%	9.6%	10.1%	10.3%	9.4%	8.1%	6.9%	8.0%	100.0%
Projected	2021	8.2%	7.0%	7.1%	7.0%	8.5%	9.6%	10.3%	10.6%	9.3%	7.9%	6.7%	7.8%	100.0%
	2022	8.2%	7.0%	7.1%	7.0%	8.5%	9.6%	10.3%	10.6%	9.3%	7.9%	6.8%	7.8%	100.0%
	2023	8.2%	7.1%	7.1%	7.0%	8.5%	9.6%	10.3%	10.5%	9.3%	7.9%	6.8%	7.8%	100.0%
	2024	8.2%	7.5%	7.1%	7.0%	8.5%	9.5%	10.2%	10.5%	9.2%	7.9%	6.7%	7.7%	100.0%
	2025	8.2%	7.1%	7.1%	7.0%	8.5%	9.6%	10.3%	10.5%	9.3%	7.9%	6.8%	7.8%	100.0%
	2026	8.2%	7.1%	7.1%	7.0%	8.5%	9.6%	10.3%	10.5%	9.3%	7.9%	6.8%	7.8%	100.0%
	2027	8.2%	7.1%	7.1%	7.0%	8.5%	9.6%	10.3%	10.5%	9.3%	7.9%	6.8%	7.8%	100.0%
	2028	8.2%	7.5%	7.1%	7.0%	8.5%	9.5%	10.2%	10.5%	9.2%	7.9%	6.7%	7.8%	100.0%
	2029	8.2%	7.1%	7.1%	7.0%	8.5%	9.6%	10.3%	10.5%	9.3%	7.9%	6.8%	7.8%	100.0%
	2030	8.2%	7.1%	7.1%	7.0%	8.5%	9.5%	10.3%	10.5%	9.3%	7.9%	6.8%	7.8%	100.0%
Avg.	2011-2020	7.8%	6.7%	7.2%	7.5%	8.9%	9.6%	10.0%	10.3%	9.4%	8.3%	7.0%	7.3%	100.0%
	2021-2030	8.2%	7.1%	7.1%	7.0%	8.5%	9.6%	10.3%	10.5%	9.3%	7.9%	6.8%	7.8%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Severe Weather Case

Ocala

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	269.1	227.1	178.4	238.0	258.1	282.8	274.5	281.3	252.3	210.6	183.5	179.7	279.6	282.8
	2012	260.9	250.8	192.0	221.9	251.7	261.7	264.6	263.9	256.7	235.7	195.2	194.0	260.9	264.6
	2013	197.8	236.1	234.4	210.5	233.3	265.3	265.2	275.8	264.5	232.3	189.7	192.7	236.1	275.8
	2014	253.2	224.1	181.3	234.0	248.0	262.5	274.3	285.1	270.2	237.2	232.5	207.3	253.2	285.1
	2015	230.5	275.5	198.5	224.6	259.4	286.6	270.8	281.4	266.4	231.5	237.6	189.4	275.5	286.6
	2016	257.3	250.9	205.3	234.5	260.7	289.1	295.3	290.5	261.9	232.8	195.6	184.0	257.3	295.3
	2017	232.6	190.6	209.9	256.2	268.5	276.4	282.0	290.6	269.5	265.6	194.0	235.0	232.6	290.6
	2018	297.0	207.9	191.9	200.6	246.3	279.0	276.7	287.6	285.8	269.4	220.3	233.3	297.0	287.6
	2019	248.2	204.9	210.0	233.5	295.5	303.7	292.8	287.6	291.6	260.3	218.5	200.6	248.2	303.7
	2020	246.6	209.1	243.4	229.9	275.0	302.7	297.9	295.2	294.4	256.8	245.9	223.6	246.6	302.7
Projected	2021	294.7	269.6	231.8	249.5	287.2	309.3	304.9	316.0	298.0	268.5	248.2	225.7	294.7	316.0
	2022	297.5	272.1	234.0	251.8	289.8	312.0	307.5	318.8	300.6	270.9	250.7	228.0	297.5	318.8
	2023	300.5	274.9	236.4	253.7	292.0	314.3	309.8	321.2	302.9	273.0	254.4	231.4	300.5	321.2
	2024	304.9	278.9	239.9	255.1	293.6	316.0	311.4	322.8	304.4	274.5	253.8	230.8	304.9	322.8
	2025	304.2	278.3	239.3	256.5	295.2	317.6	313.0	324.5	306.0	275.9	255.3	232.2	304.2	324.5
	2026	306.0	279.9	240.7	257.8	296.8	319.1	314.5	326.1	307.4	277.4	256.8	233.5	306.0	326.1
	2027	307.8	281.5	242.1	259.2	298.5	320.7	316.1	327.7	309.0	278.9	260.4	236.9	307.8	327.7
	2028	312.2	285.6	245.6	260.8	300.3	322.5	317.9	329.6	310.7	280.6	260.3	236.7	312.2	329.6
	2029	312.0	285.4	245.4	262.6	302.4	324.6	319.9	331.7	312.7	282.5	262.3	238.5	312.0	331.7
	2030	314.3	287.6	247.3	264.5	304.6	326.7	322.0	333.9	314.8	284.6	264.4	240.5	314.3	333.9
Projected	2031	316.9	289.9	249.3	266.5	306.9	329.1	324.3	336.3	317.0	286.8	268.5	244.2	316.9	336.3
	2032	321.9	294.4	253.2	268.5	309.2	331.4	326.7	338.7	319.3	288.9	268.6	244.3	321.9	338.7
	2033	322.0	294.5	253.3	270.5	311.5	333.8	329.0	341.1	321.5	291.1	270.7	246.2	322.0	341.1
	2034	324.4	296.8	255.2	272.4	313.8	336.1	331.3	343.5	323.8	293.2	272.8	248.1	324.4	343.5
	2035	327.0	299.1	257.3	274.5	316.2	338.5	333.6	346.0	326.0	295.4	277.1	252.0	327.0	346.0
	2036	332.1	303.8	261.3	276.4	318.4	340.8	335.9	348.3	328.3	297.5	277.0	251.9	332.1	348.3
	2037	332.0	303.7	261.2	278.3	320.6	343.0	338.0	350.6	330.3	299.5	279.0	253.8	332.0	350.6
	2038	334.4	305.9	263.1	280.2	322.9	345.3	340.3	352.9	332.5	301.6	281.1	255.7	334.4	352.9
	2039	337.0	308.3	265.1	282.2	325.2	347.6	342.6	355.3	334.7	303.8	285.5	259.7	337.0	355.3
	2040	342.2	313.0	269.2	284.2	327.5	349.9	344.8	357.6	336.9	305.9	287.7	261.7	342.2	357.6

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	50.8%	55.7%	67.2%	58.0%	59.4%	61.4%	62.5%	65.6%	65.7%	60.2%	64.9%	66.4%	51.7%	51.2%
	2012	49.2%	48.5%	65.2%	60.0%	60.9%	59.9%	63.6%	63.5%	62.7%	59.1%	61.6%	63.9%	54.4%	53.7%
	2013	61.7%	53.6%	53.1%	62.4%	60.5%	62.4%	61.0%	63.2%	62.3%	60.9%	63.9%	64.2%	60.0%	51.3%
	2014	57.5%	56.8%	65.7%	55.4%	60.3%	62.3%	62.3%	62.3%	58.9%	58.1%	53.9%	61.4%	57.1%	50.7%
	2015	57.5%	49.3%	65.2%	63.8%	60.6%	61.3%	63.0%	61.9%	61.6%	60.6%	57.3%	68.1%	54.1%	52.0%
	2016	53.0%	52.9%	62.2%	57.4%	59.8%	64.1%	64.6%	63.3%	66.0%	61.5%	63.7%	68.4%	58.9%	51.3%
	2017	55.5%	64.7%	61.2%	55.3%	60.3%	60.6%	63.2%	64.4%	60.5%	56.9%	63.7%	55.4%	64.1%	51.3%
	2018	52.9%	62.6%	64.8%	64.8%	61.3%	63.3%	62.8%	64.6%	64.4%	58.4%	60.0%	55.5%	51.4%	53.1%
	2019	56.2%	62.5%	60.0%	59.3%	58.7%	60.4%	62.1%	64.5%	62.0%	62.3%	58.1%	62.9%	62.3%	50.9%
	2020	54.2%	62.9%	58.2%	60.3%	55.8%	59.7%	62.0%	63.5%	59.9%	57.4%	53.1%	65.5%	62.8%	51.2%
Projected	2021	52.8%	54.7%	57.9%	55.2%	56.0%	60.8%	64.0%	63.3%	61.3%	55.6%	53.2%	65.3%	54.6%	50.9%
	2022	52.7%	54.9%	58.2%	55.0%	56.2%	60.7%	64.0%	63.4%	61.3%	55.8%	53.3%	65.4%	54.7%	51.0%
	2023	52.7%	54.9%	58.1%	55.1%	56.3%	60.7%	64.0%	63.4%	61.3%	55.8%	53.0%	64.9%	54.6%	51.1%
	2024	52.2%	55.8%	57.7%	55.2%	56.4%	60.7%	64.1%	63.4%	61.2%	55.8%	53.5%	65.4%	54.3%	51.3%
	2025	52.6%	54.8%	58.1%	55.3%	56.4%	60.7%	64.1%	63.4%	61.2%	55.8%	53.5%	65.4%	54.5%	51.1%
	2026	52.5%	54.8%	58.0%	55.3%	56.4%	60.7%	64.1%	63.4%	61.2%	55.8%	53.4%	65.4%	54.5%	51.1%
	2027	52.5%	54.7%	58.0%	55.2%	56.4%	60.7%	64.1%	63.4%	61.2%	55.8%	52.9%	64.9%	54.4%	51.1%
	2028	52.0%	55.7%	57.5%	55.2%	56.4%	60.7%	64.1%	63.4%	61.2%	55.8%	53.3%	65.3%	54.2%	51.3%
	2029	52.4%	54.7%	57.9%	55.2%	56.3%	60.7%	64.1%	63.4%	61.2%	55.7%	53.2%	65.3%	54.4%	51.1%
	2030	52.4%	54.6%	57.8%	55.2%	56.3%	60.7%	64.1%	63.4%	61.2%	55.7%	53.2%	65.3%	54.3%	51.1%
Avg.	2011-2020	54.8%	57.0%	62.3%	59.7%	59.8%	61.5%	62.7%	63.7%	62.4%	59.5%	60.0%	63.2%	57.7%	51.7%
	2021-2030	52.5%	54.9%	57.9%	55.2%	56.3%	60.7%	64.0%	63.4%	61.2%	55.8%	53.3%	65.3%	54.5%	51.1%

FMPA 2021 Load Forecast - Severe Weather Case

Ocala

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	268.3	227.1	154.5	232.8	251.3	282.3	269.8	280.7	251.4	208.5	181.4	156.9	277.2	280.7
	2012	260.9	250.8	192.0	214.5	236.8	261.7	260.1	263.9	256.7	234.5	155.9	194.0	260.9	260.1
	2013	197.8	236.1	234.4	198.3	226.1	256.8	265.2	275.8	262.7	232.3	183.6	168.7	234.4	275.8
	2014	253.2	224.1	142.2	234.0	248.0	261.2	264.7	285.1	269.3	234.7	232.5	207.3	253.2	285.1
	2015	230.5	275.5	197.0	218.1	256.0	286.6	264.6	278.2	253.9	231.5	236.1	186.1	275.5	286.6
	2016	257.3	250.9	205.3	234.5	255.5	289.0	289.3	290.5	255.4	215.9	195.4	184.0	236.1	289.3
	2017	229.4	190.0	209.9	256.2	258.7	274.8	280.4	288.1	253.9	265.6	194.0	235.0	209.9	288.1
	2018	291.6	207.9	185.8	194.4	245.0	254.6	275.3	287.6	275.7	266.7	217.6	233.3	291.6	287.6
	2019	234.0	204.9	199.9	233.5	295.5	303.7	292.5	281.1	291.6	248.2	217.2	164.8	217.6	303.7
	2020	246.6	196.4	243.4	228.7	263.7	298.7	269.6	295.2	291.6	252.4	238.1	212.5	243.4	298.7
Projected	2021	292.0	267.8	221.7	245.1	280.5	304.8	297.2	313.7	292.4	263.8	240.3	214.5	292.0	313.7
	2022	294.7	270.4	223.8	247.3	283.0	307.4	299.8	316.5	295.0	266.2	242.8	216.7	294.7	316.5
	2023	297.8	273.2	226.1	249.2	285.2	309.7	302.0	318.8	297.2	268.3	246.3	219.9	297.8	318.8
	2024	302.1	277.1	229.4	250.6	286.8	311.3	303.6	320.5	298.7	269.7	245.8	219.4	302.1	320.5
	2025	301.4	276.5	228.9	251.9	288.4	312.9	305.1	322.1	300.2	271.1	247.2	220.7	301.4	322.1
	2026	303.2	278.1	230.2	253.2	289.9	314.4	306.5	323.7	301.6	272.5	248.7	222.0	303.2	323.7
	2027	304.9	279.7	231.5	254.6	291.5	316.0	308.1	325.3	303.1	274.0	252.2	225.1	304.9	325.3
	2028	309.3	283.7	234.9	256.2	293.3	317.8	309.8	327.2	304.8	275.7	252.1	225.0	309.3	327.2
	2029	309.1	283.6	234.7	257.9	295.3	319.8	311.8	329.2	306.7	277.6	254.0	226.7	309.1	329.2
	2030	311.5	285.7	236.5	259.7	297.5	321.9	313.8	331.5	308.8	279.7	256.0	228.5	311.5	331.5
Projected	2031	314.0	288.0	238.4	261.7	299.7	324.2	316.1	333.8	310.9	281.8	260.0	232.1	314.0	333.8
	2032	318.9	292.5	242.1	263.6	302.0	326.6	318.3	336.3	313.2	283.9	260.1	232.2	318.9	336.3
	2033	319.0	292.6	242.2	265.6	304.2	328.9	320.6	338.6	315.4	286.0	262.1	234.0	319.0	338.6
	2034	321.4	294.9	244.1	267.5	306.5	331.2	322.8	341.0	317.6	288.1	264.2	235.8	321.4	341.0
	2035	324.0	297.2	246.0	269.5	308.8	333.5	325.1	343.4	319.8	290.2	268.3	239.5	324.0	343.4
	2036	329.1	301.9	249.9	271.4	311.0	335.8	327.3	345.8	322.0	292.3	268.3	239.4	329.1	345.8
	2037	328.9	301.8	249.8	273.3	313.1	337.9	329.4	348.0	324.0	294.3	270.2	241.2	328.9	348.0
	2038	331.3	304.0	251.6	275.2	315.3	340.2	331.6	350.3	326.2	296.3	272.3	243.0	331.3	350.3
	2039	333.9	306.3	253.5	277.1	317.6	342.5	333.8	352.7	328.3	298.5	276.5	246.8	333.9	352.7
	2040	339.0	311.0	257.4	279.0	319.8	344.7	335.9	355.0	330.5	300.5	278.6	248.7	339.0	355.0

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	99.7%	100.0%	86.6%	97.8%	97.4%	99.8%	98.3%	99.8%	99.6%	99.0%	98.8%	87.3%	99.1%	99.3%
	2012	100.0%	100.0%	100.0%	96.6%	94.1%	100.0%	98.3%	100.0%	100.0%	99.5%	79.9%	100.0%	100.0%	98.3%
	2013	100.0%	100.0%	100.0%	94.2%	96.9%	96.8%	100.0%	100.0%	99.3%	100.0%	96.8%	87.6%	99.3%	100.0%
	2014	100.0%	100.0%	78.5%	100.0%	100.0%	99.5%	96.5%	100.0%	99.7%	98.9%	100.0%	100.0%	100.0%	100.0%
	2015	100.0%	100.0%	99.3%	97.1%	98.7%	100.0%	97.7%	98.8%	95.3%	100.0%	99.4%	98.3%	100.0%	100.0%
	2016	100.0%	100.0%	100.0%	100.0%	98.0%	100.0%	98.0%	100.0%	97.5%	92.7%	99.9%	100.0%	91.8%	98.0%
	2017	98.6%	99.7%	100.0%	100.0%	96.3%	99.4%	99.4%	99.1%	94.2%	100.0%	100.0%	100.0%	90.3%	99.1%
	2018	98.2%	100.0%	96.8%	96.9%	99.5%	91.3%	99.5%	100.0%	96.5%	99.0%	98.8%	100.0%	98.2%	100.0%
	2019	94.3%	100.0%	95.2%	100.0%	100.0%	100.0%	99.9%	97.7%	100.0%	95.4%	99.4%	82.1%	87.7%	100.0%
	2020	100.0%	93.9%	100.0%	99.5%	95.9%	98.7%	90.5%	100.0%	99.0%	98.3%	96.8%	95.0%	98.7%	98.7%
Projected	2021	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2022	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2023	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2024	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2025	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2026	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2027	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2028	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2029	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2030	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2011-2020	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.8%	99.5%	98.1%	98.3%	97.0%	95.0%	96.5%	99.3%
	2021-2030	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%

FMPA 2021 Load Forecast - Severe Weather Case - Ocala

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

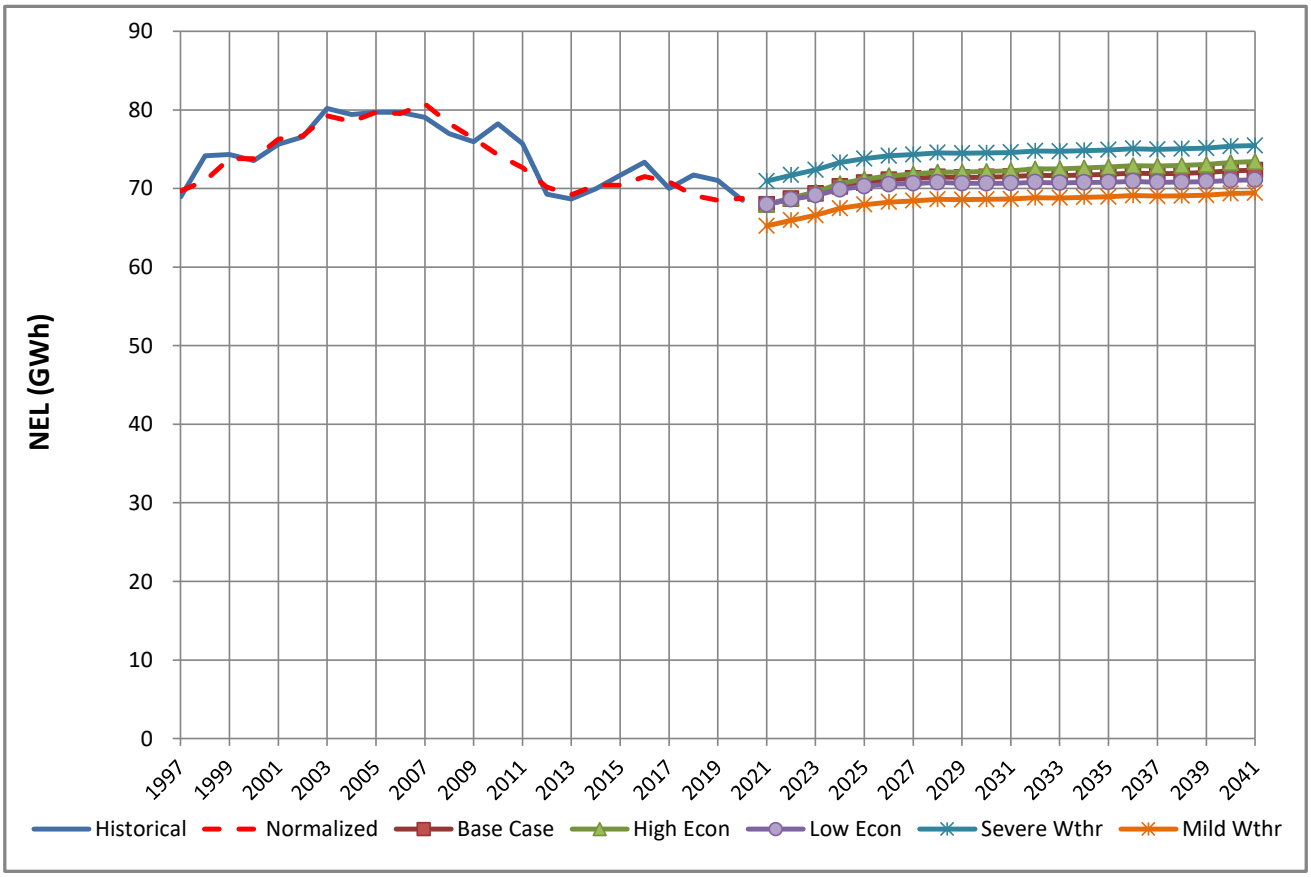
		Residential						General Service Non-Demand						Industrial						Lights		City		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	523,603		39,663		13,201		167,759		7,242		23.2		554,408		1,009		549		12,460		13,122		1,271,352		30,922	2.4%	1,302,274	
	2012	471,445	-10.0%	40,083	1.1%	11,762	-10.9%	158,200	-5.7%	6,984	-3.6%	22.7	-2.2%	529,949	-4.4%	1,008	-0.1%	526	-4.3%	12,541	0.6%	13,024	-0.7%	1,185,159	-6.8%	45,400	3.7%	1,230,559	-5.5%
	2013	478,340	1.5%	40,173	0.2%	11,907	1.2%	158,730	0.3%	7,165	2.6%	22.2	-2.2%	533,600	0.7%	1,000	-0.8%	534	1.5%	12,775	1.9%	13,192	1.3%	1,196,637	1.0%	41,830	3.4%	1,238,467	0.6%
	2014	490,714	2.6%	40,231	0.1%	12,197	2.4%	165,155	4.0%	7,249	1.2%	22.8	2.9%	523,308	-1.9%	963	-3.7%	543	1.8%	11,874	-7.1%	23,046	74.7%	1,214,097	1.5%	49,237	3.9%	1,263,334	2.0%
	2015	510,914	4.1%	40,906	1.7%	12,490	2.4%	169,061	2.4%	7,365	1.6%	23.0	0.8%	528,839	1.1%	990	2.8%	534	-1.7%	12,150	2.3%	23,894	3.7%	1,244,858	2.5%	49,913	3.9%	1,294,771	2.5%
	2016	532,510	4.2%	41,183	0.7%	12,930	3.5%	167,558	-0.9%	7,410	0.6%	22.6	-1.5%	562,681	6.4%	1,017	2.7%	553	3.6%	12,030	-1.0%	24,924	4.3%	1,299,703	4.4%	36,796	2.8%	1,336,499	3.2%
	2017	507,466	-4.7%	41,585	1.0%	12,203	-5.6%	160,633	-4.1%	7,461	0.7%	21.5	-4.8%	556,672	-1.1%	1,041	2.4%	535	-3.4%	12,217	1.6%	24,783	-0.6%	1,261,771	-2.9%	34,639	2.7%	1,296,410	-3.0%
	2018	520,318	2.5%	41,941	0.9%	12,406	1.7%	160,227	-0.3%	7,532	1.0%	21.3	-1.2%	556,977	0.1%	1,061	1.8%	525	-1.7%	12,452	1.9%	23,850	-3.8%	1,273,823	1.0%	54,310	4.1%	1,328,133	2.4%
	2019	541,137	4.0%	42,614	1.6%	12,699	2.4%	168,516	5.2%	7,693	2.1%	21.9	3.0%	566,333	1.7%	990	-6.6%	572	8.9%	12,939	3.9%	24,293	1.9%	1,313,218	3.1%	42,897	3.2%	1,356,115	2.1%
	2020	553,147	2.2%	43,036	1.0%	12,853	1.2%	168,127	-0.2%	7,790	1.3%	21.6	-1.5%	547,107	-3.4%	925	-6.6%	591	3.4%	13,072	1.0%	24,503	0.9%	1,305,956	-0.6%	44,562	3.3%	1,350,518	-0.4%
Projected	2021	595,208	7.6%	43,685	1.5%	13,625	6.0%	174,343	3.7%	7,813	0.3%	22.3	3.4%	553,532	1.2%	941	1.7%	588	-0.5%	13,072	0.0%	25,111	2.5%	1,361,267	4.2%	48,086	3.4%	1,409,352	4.4%
	2022	592,510	-0.5%	44,124	1.0%	13,428	-1.4%	176,464	1.2%	7,868	0.7%	22.4	0.5%	571,463	3.2%	957	1.6%	597	1.6%	13,072	0.0%	25,058	-0.2%	1,378,567	1.3%	45,712	3.2%	1,424,279	1.1%
	2023	590,487	-0.3%	44,532	0.9%	13,260	-1.3%	178,854	1.4%	7,923	0.7%	22.6	0.6%	584,697	2.3%	972	1.6%	602	0.7%	13,072	0.0%	25,025	-0.1%	1,392,135	1.0%	46,142	3.2%	1,438,278	1.0%
	2024	585,677	-0.8%	44,916	0.9%	13,039	-1.7%	181,169	1.3%	7,976	0.7%	22.7	0.6%	596,897	2.1%	987	1.5%	605	0.5%	13,072	0.0%	24,989	-0.1%	1,401,803	0.7%	52,777	3.6%	1,454,581	1.1%
	2025	583,613	-0.4%	45,280	0.8%	12,889	-1.2%	183,366	1.2%	8,026	0.6%	22.8	0.6%	605,388	1.4%	1,001	1.5%	605	-0.1%	13,072	0.0%	24,950	-0.2%	1,410,388	0.6%	46,745	3.2%	1,457,133	0.2%
	2026	583,914	0.1%	45,623	0.8%	12,799	-0.7%	185,495	1.2%	8,073	0.6%	23.0	0.6%	611,537	1.0%	1,016	1.4%	602	-0.4%	13,072	0.0%	24,924	-0.1%	1,418,942	0.6%	47,029	3.2%	1,465,971	0.6%
	2027	585,312	0.2%	45,939	0.7%	12,741	-0.4%	187,536	1.1%	8,118	0.6%	23.1	0.5%	616,686	0.8%	1,030	1.4%	599	-0.5%	13,072	0.0%	25,029	0.4%	1,427,636	0.6%	47,323	3.2%	1,474,959	0.6%
	2028	587,690	0.4%	46,243	0.7%	12,709	-0.3%	189,546	1.1%	8,162	0.5%	23.2	0.5%	621,750	0.8%	1,044	1.4%	596	-0.5%	13,072	0.0%	25,202	0.7%	1,437,260	0.7%	54,115	3.6%	1,491,375	1.1%
	2029	590,756	0.5%	46,535	0.6%	12,695	-0.1%	191,569	1.1%	8,206	0.5%	23.3	0.5%	627,098	0.9%	1,058	1.3%	593	-0.5%	13,072	0.0%	25,374	0.7%	1,447,870	0.7%	48,007	3.2%	1,495,877	0.3%
	2030	594,181	0.6%	46,815	0.6%	12,692	0.0%	193,615	1.1%	8,249	0.5%	23.5	0.5%	632,846	0.9%	1,072	1.3%	590	-0.4%	13,072	0.0%	25,546	0.7%	1,459,260	0.8%	48,390	3.2%	1,507,650	0.8%
	2031	597,964	0.6%	47,075	0.6%	12,702	0.1%	195,625	1.0%	8,291	0.5%	23.6	0.5%	638,609	0.9%	1,086	1.3%	588	-0.4%	13,072	0.0%	25,722	0.7%	1,470,992	0.8%	48,780	3.2%	1,519,772	0.8%
	2032	601,794	0.6%	47,308	0.5%	12,721	0.1%	197,587	1.0%	8,332	0.5%	23.7	0.5%	644,365	0.9%	1,099	1.2%	586	-0.3%	13,072	0.0%	25,954	0.9%	1,482,772	0.8%	55,841	3.6%	1,538,612	1.2%
	2033	605,592	0.6%	47,531	0.5%	12,741	0.2%	199,545	1.0%	8,373	0.5%	23.8	0.5%	650,288	0.9%	1,113	1.2%	584	-0.3%	13,072	0.0%	26,217	1.0%	1,494,714	0.8%	49,570	3.2%	1,544,284	0.4%
	2034	609,202	0.6%	47,746	0.5%	12,759	0.1%	201,441	1.0%	8,411	0.5%	23.9	0.5%	656,240	0.9%	1,126	1.2%	583	-0.3%	13,072	0.0%	26,482	1.0%	1,506,438	0.8%	49,961	3.2%	1,556,399	0.8%
	2035	612,942	0.6%	47,956	0.4%	12,781	0.2%	203,315	0.9%	8,449	0.4%	24.1	0.5%	662,316	0.9%	1,140	1.2%	581	-0.3%	13,072	0.0%	26,747	1.0%	1,518,392	0.8%	50,361	3.2%	1,568,753	0.8%
	2036	616,575	0.6%	48,155	0.4%	12,804	0.2%	205,187	0.9%	8,487	0.4%	24.2	0.5%	668,455	0.9%	1,153	1.2%	580	-0.3%	13,072	0.0%	27,010	1.0%	1,530,300	0.8%	57,636	3.6%	1,587,935	1.2%
	2037	619,984	0.6%	48,340	0.4%	12,825	0.2%	207,013	0.9%	8,523	0.4%	24.3	0.5%	674,406	0.9%	1,167	1.2%	578	-0.3%	13,072	0.0%	27,248	0.9%	1,541,724	0.7%	51,135	3.2%	1,592,859	0.3%
	2038	623,599	0.6%	48,521	0.4%	12,852	0.2%	208,823	0.9%	8,558	0.4%	24.4	0.5%	680,224	0.9%	1,180	1.1%	577	-0.3%	13,072	0.0%	27,475	0.8%	1,553,193	0.7%	51,518	3.2%	1,604,711	0.7%
	2039	627,753	0.7%	48,699	0.4%	12,890	0.3%	210,647	0.9%	8,594	0.4%	24.5	0.5%	685,990	0.8%	1,193	1.1%	575	-0.3%	13,072	0.0%	27,702	0.8%	1,565,164	0.8%	51,917	3.2%	1,617,081	0.8%
	2040	631,927	0.7%	48,876	0.4%	12,929	0.3%	212,480	0.9%	8,629	0.4%	24.6	0.5%	691,696	0.8%	1,206	1.1%	573	-0.3%	13,072	0.0%	27,929	0.8%	1,577,104	0.8%	59,401	3.6%	1,636,506	1.2%
CAGR	2011-2020		0.6%		0.9%		-0.3%		0.0%		0.8%		-0.8%		-0.1%		-1.0%		0.8%		0.5%		7.2%		0.3%		3.3%		0.4%
	2021-2030		0.0%		0.8%		-0.8%		1.2%		0.6%		0.6%		1.5%		1.5%		0.0%		0.0%		0.2%		0.8%		3.3%		0.8%
	2031-2040		0.6%		0.4%		0.2%		0.9%		0.4%		0.5%		0.9%		1.2%		-0.3%		0.0%		0.9%		0.8%		3.3%		0.8%

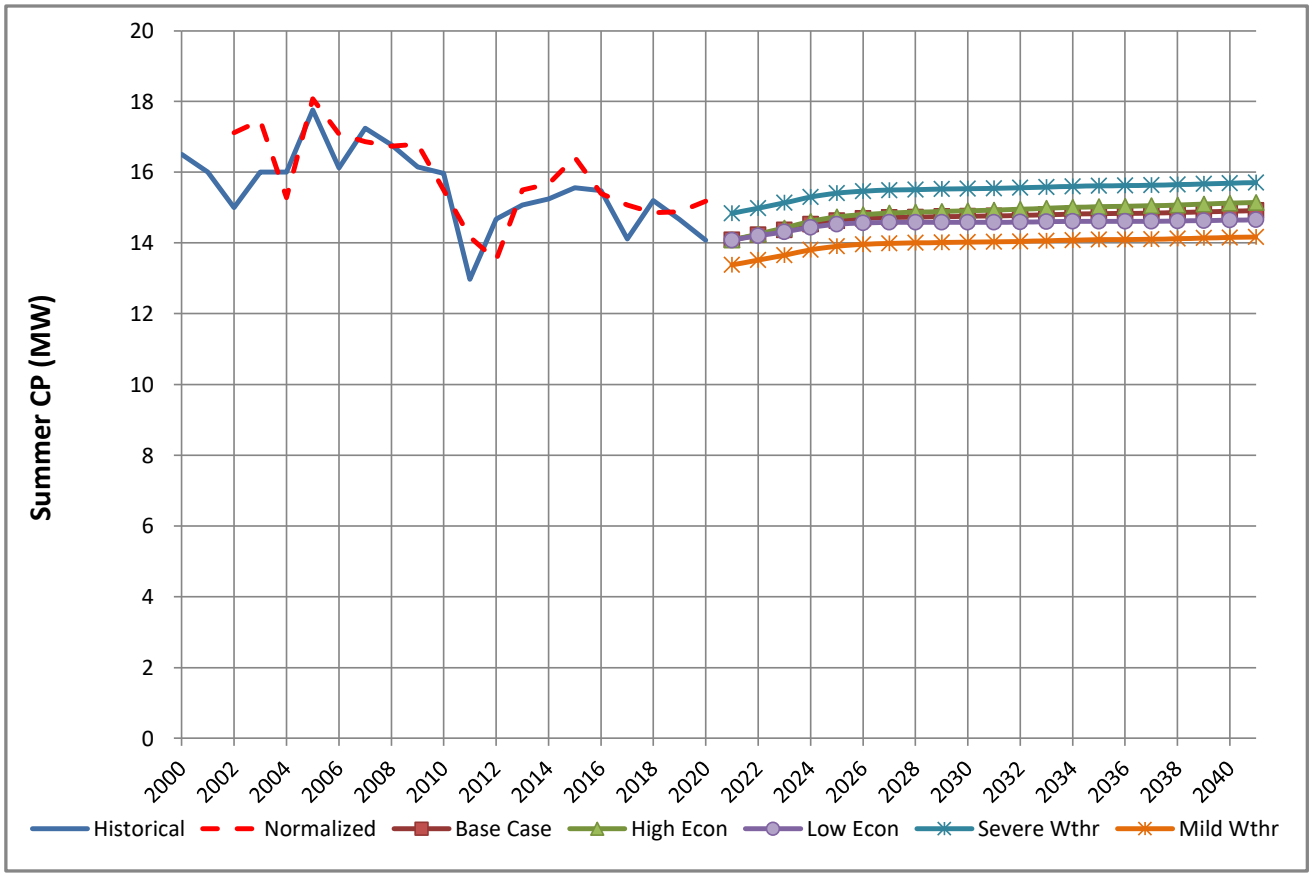
CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast

Starke

Historical and Projected NEL and Annual Coincident Peak Demand





FMPA 2021 Load Forecast - Low Economic Case

Starke

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	75,725	-	72,658	-	-4.1%	16.1	-	16.2	-	0.5%	13.0	-	14.2		9.7%
	2012	69,269	-8.5%	70,186	-3.4%	1.3%	15.1	-5.9%	14.1	-13.1%	-7.2%	14.7	13.1%	13.4	-6.1%	-8.9%
	2013	68,678	-0.9%	69,175	-1.4%	0.7%	12.7	-16.2%	13.2	-6.3%	3.7%	15.1	2.7%	15.3	14.6%	1.6%
	2014	69,954	1.9%	70,429	1.8%	0.7%	13.7	7.9%	14.5	10.2%	5.9%	15.2	1.1%	15.5	1.1%	1.6%
	2015	71,692	2.5%	70,430	0.0%	-1.8%	15.2	10.7%	15.5	6.6%	2.0%	15.6	2.0%	16.4	6.0%	5.6%
	2016	73,334	2.3%	71,519	1.5%	-2.5%	12.5	-17.9%	14.7	-4.7%	18.3%	15.5	-0.5%	15.4	-6.3%	-0.6%
	2017	70,003	-4.5%	70,881	-0.9%	1.3%	11.4	-8.4%	13.8	-6.6%	20.7%	14.1	-8.9%	15.1	-2.1%	6.8%
	2018	71,738	2.5%	69,129	-2.5%	-3.6%	16.4	44.1%	16.0	16.2%	-2.7%	15.2	7.7%	14.9	-1.4%	-2.3%
	2019	71,042	-1.0%	68,508	-0.9%	-3.6%	11.0	-32.9%	14.8	-7.7%	33.7%	14.7	-3.6%	14.9	0.2%	1.5%
	2020	68,514	-3.6%	68,729	0.3%	0.3%	11.3	2.7%	14.5	-1.7%	28.0%	14.1	-4.0%	15.2	2.0%	7.8%
Projected	2021	67,948	-0.8%	67,948	-1.1%		13.6	19.9%	13.6	-6.4%		14.1	0.0%	14.1	-7.2%	
	2022			68,615	1.0%				13.8	1.2%				14.2	0.9%	
	2023			69,132	0.8%				13.8	0.6%				14.3	0.8%	
	2024			69,891	1.1%				13.9	0.5%				14.4	0.9%	
	2025			70,279	0.6%				14.1	1.2%				14.5	0.6%	
	2026			70,540	0.4%				14.1	0.4%				14.6	0.3%	
	2027			70,634	0.1%				14.2	0.2%				14.6	0.1%	
	2028			70,782	0.2%				14.1	-0.3%				14.6	0.0%	
	2029			70,668	-0.2%				14.2	0.4%				14.6	0.0%	
	2030			70,664	0.0%				14.2	0.0%				14.6	0.0%	
	2031			70,670	0.0%				14.2	0.0%				14.6	0.0%	
	2032			70,800	0.2%				14.1	-0.4%				14.6	0.0%	
	2033			70,719	-0.1%				14.2	0.4%				14.6	0.1%	
	2034			70,771	0.1%				14.2	0.1%				14.6	0.1%	
	2035			70,802	0.0%				14.2	0.1%				14.6	0.0%	
	2036			70,917	0.2%				14.1	-0.4%				14.6	0.0%	
	2037			70,793	-0.2%				14.2	0.3%				14.6	0.0%	
	2038			70,823	0.0%				14.2	0.0%				14.6	0.1%	
	2039			70,875	0.1%				14.2	0.1%				14.6	0.1%	
	2040			71,045	0.2%				14.2	-0.3%				14.6	0.1%	
CAGR [3]	2011-2020		-1.1%		-0.6%			-3.8%		-1.2%			0.9%		0.7%	
	2021-2030				0.4%					0.5%					0.4%	
	2031-2040				0.1%					0.0%					0.0%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Starke

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	75,725	-	75,725	-	16.8	16.0	16.8	16.0	16.1	13.0	16.1	13.0
	2012	69,269	-8.5%	69,269	-8.5%	15.1	14.9	15.1	14.9	15.1	14.7	15.1	14.7
	2013	68,678	-0.9%	68,678	-0.9%	13.5	15.2	13.5	15.2	12.7	15.1	12.7	15.1
	2014	69,954	1.9%	69,954	1.9%	15.0	15.3	15.0	15.3	13.7	15.2	13.7	15.2
	2015	71,692	2.5%	71,692	2.5%	15.2	15.7	15.2	15.7	15.2	15.6	15.2	15.6
	2016	73,334	2.3%	73,334	2.3%	14.5	15.6	14.5	15.6	12.5	15.5	12.5	15.5
	2017	70,003	-4.5%	70,003	-4.5%	14.4	15.3	14.4	15.3	11.4	14.1	11.4	14.1
	2018	71,738	2.5%	71,738	2.5%	16.5	15.2	16.5	15.2	16.4	15.2	16.4	15.2
	2019	71,042	-1.0%	71,042	-1.0%	13.7	15.2	13.7	15.2	11.0	14.7	11.0	14.7
	2020	68,514	-3.6%	68,839	-3.1%	13.2	14.8	14.5	14.8	11.3	14.1	13.9	14.1
Projected	2021	67,948	-0.8%	68,056	-1.1%	14.1	14.8	14.3	14.7	13.6	14.1	13.8	14.0
	2022	68,615	1.0%	67,963	-0.1%	14.3	14.9	14.3	14.7	13.8	14.2	13.8	14.0
	2023	69,132	0.8%	67,986	0.0%	14.4	15.0	14.3	14.7	13.8	14.3	13.8	14.0
	2024	69,891	1.1%	68,209	0.3%	14.4	15.2	14.3	14.7	13.9	14.4	13.7	14.0
	2025	70,279	0.6%	68,279	0.1%	14.6	15.3	14.4	14.8	14.1	14.5	13.8	14.1
	2026	70,540	0.4%	68,457	0.3%	14.7	15.3	14.4	14.8	14.1	14.6	13.9	14.1
	2027	70,634	0.1%	68,546	0.1%	14.7	15.3	14.4	14.8	14.2	14.6	13.9	14.1
	2028	70,782	0.2%	68,704	0.2%	14.6	15.3	14.4	14.8	14.1	14.6	13.9	14.1
	2029	70,668	-0.2%	68,635	-0.1%	14.7	15.3	14.5	14.8	14.2	14.6	13.9	14.1
	2030	70,664	0.0%	68,663	0.0%	14.7	15.3	14.5	14.9	14.2	14.6	13.9	14.2
	2031	70,670	0.0%	68,682	0.0%	14.7	15.3	14.5	14.9	14.2	14.6	13.9	14.2
	2032	70,800	0.2%	68,798	0.2%	14.6	15.3	14.4	14.9	14.1	14.6	13.9	14.2
	2033	70,719	-0.1%	68,713	-0.1%	14.7	15.3	14.5	14.9	14.2	14.6	13.9	14.2
	2034	70,771	0.1%	68,749	0.1%	14.7	15.4	14.5	14.9	14.2	14.6	13.9	14.2
	2035	70,802	0.0%	68,768	0.0%	14.7	15.4	14.5	14.9	14.2	14.6	13.9	14.2
	2036	70,917	0.2%	68,871	0.1%	14.7	15.4	14.4	14.9	14.1	14.6	13.9	14.2
	2037	70,793	-0.2%	68,731	-0.2%	14.7	15.4	14.5	14.9	14.2	14.6	13.9	14.2
	2038	70,823	0.0%	68,723	0.0%	14.7	15.4	14.5	14.9	14.2	14.6	13.9	14.2
	2039	70,875	0.1%	68,733	0.0%	14.7	15.4	14.5	14.9	14.2	14.6	13.9	14.2
	2040	71,045	0.2%			14.7	15.4			14.2	14.6		
CAGR[1]	Historical		-1.1%		-0.8%	-2.7%	-0.9%	-2.6%	-0.7%	-3.6%	-0.5%	-4.4%	0.0%
	1st 10 Prj Yrs		0.4%		0.0%	0.5%	0.4%	0.0%	0.0%	0.5%	0.4%	0.0%	0.0%
	2nd 10 Prj Yrs		0.1%		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Starke

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	75,725	-	72,658	-	-4.1%	16.1	-	16.2	-	0.5%	13.0	-	14.2		9.7%
	2012	69,269	-8.5%	70,186	-3.4%	1.3%	15.1	-5.9%	14.1	-13.1%	-7.2%	14.7	13.1%	13.4	-6.1%	-8.9%
	2013	68,678	-0.9%	69,175	-1.4%	0.7%	12.7	-16.2%	13.2	-6.3%	3.7%	15.1	2.7%	15.3	14.6%	1.6%
	2014	69,954	1.9%	70,429	1.8%	0.7%	13.7	7.9%	14.5	10.2%	5.9%	15.2	1.1%	15.5	1.1%	1.6%
	2015	71,692	2.5%	70,430	0.0%	-1.8%	15.2	10.7%	15.5	6.6%	2.0%	15.6	2.0%	16.4	6.0%	5.6%
	2016	73,334	2.3%	71,519	1.5%	-2.5%	12.5	-17.9%	14.7	-4.7%	18.3%	15.5	-0.5%	15.4	-6.3%	-0.6%
	2017	70,003	-4.5%	70,881	-0.9%	1.3%	11.4	-8.4%	13.8	-6.6%	20.7%	14.1	-8.9%	15.1	-2.1%	6.8%
	2018	71,738	2.5%	69,129	-2.5%	-3.6%	16.4	44.1%	16.0	16.2%	-2.7%	15.2	7.7%	14.9	-1.4%	-2.3%
	2019	71,042	-1.0%	68,508	-0.9%	-3.6%	11.0	-32.9%	14.8	-7.7%	33.7%	14.7	-3.6%	14.9	0.2%	1.5%
	2020	68,514	-3.6%	68,866	0.5%	0.5%	11.3	2.7%	14.5	-1.7%	28.0%	14.1	-4.0%	15.2	2.0%	7.8%
Projected	2021	67,917	-0.9%	67,917	-1.4%		13.6	19.9%	13.6	-6.4%		14.1	0.0%	14.1	-7.3%	
	2022			68,569	1.0%				13.8	1.2%				14.2	0.8%	
	2023			69,072	0.7%				13.8	0.6%				14.3	0.8%	
	2024			69,814	1.1%				13.9	0.5%				14.4	0.9%	
	2025			70,184	0.5%				14.1	1.2%				14.5	0.6%	
	2026			70,421	0.3%				14.1	0.4%				14.5	0.2%	
	2027			70,489	0.1%				14.2	0.2%				14.6	0.0%	
	2028			70,608	0.2%				14.1	-0.3%				14.5	0.0%	
	2029			70,465	-0.2%				14.2	0.4%				14.5	-0.1%	
	2030			70,431	0.0%				14.2	0.0%				14.5	0.0%	
	2031			70,417	0.0%				14.2	0.0%				14.5	0.0%	
	2032			70,525	0.2%				14.1	-0.4%				14.5	0.0%	
	2033			70,424	-0.1%				14.2	0.4%				14.5	0.0%	
	2034			70,489	0.1%				14.2	0.1%				14.5	0.1%	
	2035			70,496	0.0%				14.2	0.1%				14.5	0.0%	
	2036			70,593	0.1%				14.1	-0.4%				14.5	0.0%	
	2037			70,445	-0.2%				14.2	0.3%				14.5	0.0%	
	2038			70,447	0.0%				14.2	0.0%				14.5	0.0%	
	2039			70,482	0.0%				14.2	0.1%				14.5	0.0%	
	2040			70,632	0.2%				14.2	-0.3%				14.5	0.0%	
CAGR [3]	2011-2020		-1.1%		-0.6%			-3.8%		-1.2%			0.9%		0.7%	
	2021-2030				0.4%					0.5%					0.4%	
	2031-2040				0.0%					0.0%					0.0%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Starke

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	75,725	-	72,658	-	-4.1%	16.8	-	51.3%	16.0	-	53.9%
	2012	69,269	-8.5%	70,186	-3.4%	1.3%	15.1	-10.1%	52.2%	14.9	-6.9%	53.0%
	2013	68,678	-0.9%	69,175	-1.4%	0.7%	13.5	-10.8%	58.0%	15.2	2.0%	51.5%
	2014	69,954	1.9%	70,429	1.8%	0.7%	15.0	11.0%	53.3%	15.3	0.5%	52.2%
	2015	71,692	2.5%	70,430	0.0%	-1.8%	15.2	1.1%	54.0%	15.7	2.6%	52.2%
	2016	73,334	2.3%	71,519	1.5%	-2.5%	14.5	-4.4%	57.7%	15.6	-0.4%	53.6%
	2017	70,003	-4.5%	70,881	-0.9%	1.3%	14.4	-0.9%	55.6%	15.3	-2.3%	52.3%
	2018	71,738	2.5%	69,129	-2.5%	-3.6%	16.5	14.9%	49.6%	15.2	-0.5%	53.9%
	2019	71,042	-1.0%	68,508	-0.9%	-3.6%	13.7	-17.2%	59.4%	15.2	0.0%	53.4%
	2020	68,514	-3.6%	68,729	0.3%	0.3%	13.2	-3.6%	59.4%	14.8	-2.3%	52.7%
Projected	2021	67,917	-0.9%	67,917	-1.2%		14.1	7.1%	55.0%	14.8	-0.3%	52.4%
	2022	68,569	1.0%	68,569	1.0%		14.3	1.2%	54.9%	14.9	0.8%	52.5%
	2023	69,072	0.7%	69,072	0.7%		14.4	0.6%	54.9%	15.0	0.8%	52.5%
	2024	69,814	1.1%	69,814	1.1%		14.4	0.5%	55.2%	15.2	0.9%	52.6%
	2025	70,184	0.5%	70,184	0.5%		14.6	1.2%	54.9%	15.2	0.6%	52.5%
	2026	70,421	0.3%	70,421	0.3%		14.7	0.4%	54.8%	15.3	0.2%	52.6%
	2027	70,489	0.1%	70,489	0.1%		14.7	0.2%	54.8%	15.3	0.0%	52.6%
	2028	70,608	0.2%	70,608	0.2%		14.6	-0.3%	55.1%	15.3	0.0%	52.7%
	2029	70,465	-0.2%	70,465	-0.2%		14.7	0.4%	54.8%	15.3	-0.1%	52.6%
	2030	70,431	0.0%	70,431	0.0%		14.7	0.0%	54.7%	15.3	0.0%	52.6%
	2031	70,417	0.0%	70,417	0.0%		14.7	0.0%	54.7%	15.3	0.0%	52.6%
	2032	70,525	0.2%	70,525	0.2%		14.6	-0.4%	55.0%	15.3	0.0%	52.7%
	2033	70,424	-0.1%	70,424	-0.1%		14.7	0.4%	54.7%	15.3	0.0%	52.6%
	2034	70,489	0.1%	70,489	0.1%		14.7	0.1%	54.7%	15.3	0.1%	52.6%
	2035	70,496	0.0%	70,496	0.0%		14.7	0.1%	54.7%	15.3	0.0%	52.6%
	2036	70,593	0.1%	70,593	0.1%		14.7	-0.4%	55.0%	15.3	0.0%	52.7%
	2037	70,445	-0.2%	70,445	-0.2%		14.7	0.3%	54.6%	15.3	0.0%	52.6%
	2038	70,447	0.0%	70,447	0.0%		14.7	0.0%	54.6%	15.3	0.0%	52.6%
	2039	70,482	0.0%	70,482	0.0%		14.7	0.1%	54.6%	15.3	0.0%	52.6%
	2040	70,632	0.2%	70,632	0.2%		14.7	-0.3%	54.9%	15.3	0.1%	52.7%
CAGR [1]	2011-2020		-1.1%		-0.6%			-2.7%	55.1%		-0.9%	52.9%
	2021-2030		0.4%		0.4%			0.5%	54.9%		0.4%	52.6%
	2031-2040		0.0%		0.0%			0.0%	54.8%		0.0%	52.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case

Starke

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	6,378	5,077	5,152	5,612	6,503	7,214	7,448	7,965	6,690	5,335	4,917	5,188	73,481	75,725
	2012	5,543	4,782	5,162	5,262	6,236	6,296	7,226	6,868	6,454	5,647	4,927	5,288	69,690	69,269
	2013	5,104	4,768	5,291	5,058	5,657	6,574	6,705	7,159	6,501	5,654	4,878	5,181	68,528	68,678
	2014	6,373	4,827	5,084	5,043	5,941	6,516	7,006	7,176	6,275	5,474	5,154	5,360	70,229	69,954
	2015	5,736	5,304	5,191	5,407	6,308	6,955	7,191	7,160	6,452	5,582	5,323	5,389	71,998	71,692
	2016	5,989	5,322	5,174	5,079	6,196	7,123	7,764	7,606	6,788	5,591	4,878	5,173	72,683	73,334
	2017	5,333	4,520	5,235	5,463	6,392	6,510	7,282	7,424	6,200	6,081	4,801	5,454	70,696	70,003
	2018	6,766	4,624	5,020	4,894	5,984	6,831	6,878	7,318	7,088	6,000	5,018	5,285	71,705	71,738
	2019	5,619	4,449	4,858	5,076	6,647	6,825	7,041	7,436	6,788	6,018	4,788	5,063	70,608	71,042
	2020	5,321	4,821	5,290	4,769	5,561	6,336	7,177	7,135	6,235	5,510	4,652	5,252	68,060	68,514
Projected	2021	5,486	4,599	4,938	4,867	5,830	6,405	7,015	7,028	6,333	5,484	4,756	5,325	68,067	67,917
	2022	5,544	4,648	5,003	4,915	5,887	6,463	7,071	7,085	6,388	5,526	4,793	5,362	68,685	68,569
	2023	5,575	4,675	5,035	4,955	5,934	6,511	7,126	7,139	6,441	5,581	4,841	5,410	69,224	69,072
	2024	5,617	4,832	5,089	5,001	5,992	6,575	7,179	7,197	6,500	5,627	4,884	5,457	69,949	69,814
	2025	5,659	4,750	5,127	5,038	6,034	6,616	7,221	7,236	6,534	5,655	4,908	5,482	70,261	70,184
	2026	5,681	4,768	5,145	5,055	6,053	6,634	7,238	7,252	6,548	5,666	4,916	5,490	70,448	70,421
	2027	5,689	4,774	5,150	5,060	6,058	6,638	7,242	7,255	6,550	5,667	4,917	5,492	70,493	70,489
	2028	5,690	4,893	5,150	5,059	6,058	6,638	7,241	7,254	6,549	5,666	4,916	5,492	70,605	70,608
	2029	5,690	4,775	5,147	5,057	6,055	6,634	7,237	7,250	6,545	5,663	4,912	5,489	70,456	70,465
	2030	5,687	4,773	5,144	5,054	6,052	6,631	7,234	7,247	6,542	5,662	4,911	5,489	70,428	70,431
Projected	2031	5,687	4,772	5,143	5,053	6,051	6,629	7,232	7,245	6,540	5,660	4,910	5,489	70,413	70,417
	2032	5,687	4,890	5,142	5,052	6,051	6,629	7,232	7,245	6,540	5,660	4,909	5,490	70,526	70,525
	2033	5,689	4,774	5,142	5,053	6,052	6,630	7,234	7,248	6,542	5,665	4,914	5,495	70,438	70,424
	2034	5,694	4,778	5,148	5,057	6,057	6,637	7,241	7,255	6,548	5,667	4,915	5,497	70,494	70,489
	2035	5,697	4,780	5,148	5,057	6,057	6,636	7,241	7,254	6,547	5,666	4,914	5,497	70,494	70,496
	2036	5,696	4,897	5,146	5,056	6,055	6,634	7,238	7,251	6,544	5,663	4,911	5,495	70,584	70,593
	2037	5,694	4,777	5,143	5,053	6,053	6,631	7,235	7,249	6,542	5,661	4,909	5,494	70,441	70,445
	2038	5,694	4,778	5,143	5,053	6,053	6,631	7,237	7,250	6,543	5,663	4,911	5,498	70,455	70,447
	2039	5,699	4,781	5,145	5,054	6,056	6,634	7,240	7,254	6,546	5,665	4,913	5,501	70,488	70,482
	2040	5,702	4,902	5,147	5,056	6,058	6,637	7,244	7,258	6,549	5,668	4,915	5,505	70,641	70,632

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	8.7%	6.9%	7.0%	7.6%	8.9%	9.8%	10.1%	10.8%	9.1%	7.3%	6.7%	7.1%	100.0%
	2012	8.0%	6.9%	7.4%	7.5%	8.9%	9.0%	10.4%	9.9%	9.3%	8.1%	7.1%	7.6%	100.0%
	2013	7.4%	7.0%	7.7%	7.4%	8.3%	9.6%	9.8%	10.4%	9.5%	8.3%	7.1%	7.6%	100.0%
	2014	9.1%	6.9%	7.2%	7.2%	8.5%	9.3%	10.0%	10.2%	8.9%	7.8%	7.3%	7.6%	100.0%
	2015	8.0%	7.4%	7.2%	7.5%	8.8%	9.7%	10.0%	9.9%	9.0%	7.8%	7.4%	7.5%	100.0%
	2016	8.2%	7.3%	7.1%	7.0%	8.5%	9.8%	10.7%	10.5%	9.3%	7.7%	6.7%	7.1%	100.0%
	2017	7.5%	6.4%	7.4%	7.7%	9.0%	9.2%	10.3%	10.5%	8.8%	8.6%	6.8%	7.7%	100.0%
	2018	9.4%	6.4%	7.0%	6.8%	8.3%	9.5%	9.6%	10.2%	9.9%	8.4%	7.0%	7.4%	100.0%
	2019	8.0%	6.3%	6.9%	7.2%	9.4%	9.7%	10.0%	10.5%	9.6%	8.5%	6.8%	7.2%	100.0%
	2020	7.8%	7.1%	7.8%	7.0%	8.2%	9.3%	10.5%	10.5%	9.2%	8.1%	6.8%	7.7%	100.0%
Projected	2021	8.1%	6.8%	7.3%	7.2%	8.6%	9.4%	10.3%	10.3%	9.3%	8.1%	7.0%	7.8%	100.0%
	2022	8.1%	6.8%	7.3%	7.2%	8.6%	9.4%	10.3%	10.3%	9.3%	8.0%	7.0%	7.8%	100.0%
	2023	8.1%	6.8%	7.3%	7.2%	8.6%	9.4%	10.3%	10.3%	9.3%	8.1%	7.0%	7.8%	100.0%
	2024	8.0%	6.9%	7.3%	7.1%	8.6%	9.4%	10.3%	10.3%	9.3%	8.0%	7.0%	7.8%	100.0%
	2025	8.1%	6.8%	7.3%	7.2%	8.6%	9.4%	10.3%	10.3%	9.3%	8.0%	7.0%	7.8%	100.0%
	2026	8.1%	6.8%	7.3%	7.2%	8.6%	9.4%	10.3%	10.3%	9.3%	8.0%	7.0%	7.8%	100.0%
	2027	8.1%	6.8%	7.3%	7.2%	8.6%	9.4%	10.3%	10.3%	9.3%	8.0%	7.0%	7.8%	100.0%
	2028	8.1%	6.9%	7.3%	7.2%	8.6%	9.4%	10.3%	10.3%	9.3%	8.0%	7.0%	7.8%	100.0%
	2029	8.1%	6.8%	7.3%	7.2%	8.6%	9.4%	10.3%	10.3%	9.3%	8.0%	7.0%	7.8%	100.0%
	2030	8.1%	6.8%	7.3%	7.2%	8.6%	9.4%	10.3%	10.3%	9.3%	8.0%	7.0%	7.8%	100.0%
Avg.	2011-2020	8.2%	6.9%	7.3%	7.3%	8.7%	9.5%	10.1%	10.3%	9.3%	8.0%	7.0%	7.4%	100.0%
	2021-2030	8.1%	6.8%	7.3%	7.2%	8.6%	9.4%	10.3%	10.3%	9.3%	8.0%	7.0%	7.8%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Low Economic Case

Starke

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	16.8	13.2	9.7	13.1	14.4	15.7	15.5	16.0	14.0	11.8	10.1	10.8	16.8	16.0
	2012	15.1	14.8	10.4	11.9	13.7	13.9	14.9	14.2	14.0	13.0	11.2	11.7	15.1	14.9
	2013	11.3	13.5	12.7	11.2	12.5	14.6	14.3	15.2	14.8	12.3	10.9	11.4	13.5	15.2
	2014	15.0	12.5	10.3	12.3	13.2	14.4	14.4	15.3	14.2	12.4	14.4	12.0	15.0	15.3
	2015	14.0	15.2	10.1	11.9	14.0	15.7	15.1	15.1	14.1	12.3	12.7	10.0	15.2	15.7
	2016	14.5	14.0	11.3	12.2	14.0	15.1	15.5	15.6	13.8	12.2	10.3	10.9	14.5	15.6
	2017	14.4	10.4	13.2	13.5	14.2	14.3	14.7	15.3	13.9	13.6	10.0	12.7	14.4	15.3
	2018	16.5	10.2	11.5	10.5	12.7	14.5	14.5	15.2	15.1	13.5	11.3	12.6	16.5	15.2
	2019	13.7	10.2	10.6	11.2	14.8	14.7	14.9	15.2	14.4	12.7	10.7	11.8	13.7	15.2
	2020	13.2	11.5	11.3	11.5	13.0	14.4	14.7	14.8	14.5	12.2	10.0	11.6	13.2	14.8
Projected	2021	14.1	12.6	10.6	11.5	13.2	14.2	14.4	14.8	13.8	12.2	10.1	11.8	14.1	14.8
	2022	14.3	12.7	10.8	11.6	13.4	14.3	14.6	14.9	13.9	12.3	10.1	11.8	14.3	14.9
	2023	14.4	12.8	10.8	11.7	13.5	14.4	14.7	15.0	14.0	12.4	10.2	11.9	14.4	15.0
	2024	14.4	12.9	10.9	11.8	13.6	14.5	14.8	15.2	14.2	12.5	10.3	12.0	14.4	15.2
	2025	14.6	13.0	11.0	11.8	13.7	14.6	14.9	15.2	14.2	12.6	10.4	12.1	14.6	15.2
	2026	14.7	13.1	11.1	11.9	13.7	14.7	14.9	15.3	14.3	12.6	10.4	12.1	14.7	15.3
	2027	14.7	13.1	11.1	11.9	13.7	14.7	14.9	15.3	14.3	12.6	10.3	12.1	14.7	15.3
	2028	14.6	13.1	11.0	11.9	13.7	14.7	14.9	15.3	14.3	12.6	10.4	12.1	14.6	15.3
	2029	14.7	13.1	11.1	11.9	13.7	14.7	14.9	15.3	14.3	12.6	10.4	12.1	14.7	15.3
	2030	14.7	13.1	11.1	11.9	13.7	14.6	14.9	15.3	14.3	12.6	10.4	12.1	14.7	15.3
Projected	2031	14.7	13.1	11.1	11.9	13.7	14.6	14.9	15.3	14.3	12.6	10.3	12.1	14.7	15.3
	2032	14.6	13.1	11.0	11.9	13.7	14.6	14.9	15.3	14.3	12.6	10.4	12.1	14.6	15.3
	2033	14.7	13.1	11.1	11.9	13.7	14.6	14.9	15.3	14.3	12.6	10.4	12.1	14.7	15.3
	2034	14.7	13.1	11.1	11.9	13.7	14.7	14.9	15.3	14.3	12.6	10.4	12.1	14.7	15.3
	2035	14.7	13.1	11.1	11.9	13.7	14.7	14.9	15.3	14.3	12.6	10.4	12.1	14.7	15.3
	2036	14.7	13.1	11.1	11.9	13.7	14.7	14.9	15.3	14.3	12.6	10.4	12.1	14.7	15.3
	2037	14.7	13.1	11.1	11.9	13.7	14.6	14.9	15.3	14.3	12.6	10.4	12.1	14.7	15.3
	2038	14.7	13.1	11.1	11.9	13.7	14.6	14.9	15.3	14.3	12.6	10.4	12.1	14.7	15.3
	2039	14.7	13.1	11.1	11.9	13.7	14.7	14.9	15.3	14.3	12.6	10.4	12.1	14.7	15.3
	2040	14.7	13.1	11.1	11.9	13.7	14.7	14.9	15.3	14.3	12.6	10.5	12.3	14.7	15.3

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	50.9%	57.3%	71.7%	59.5%	60.6%	63.7%	64.6%	66.8%	66.3%	60.8%	67.4%	64.8%	49.8%	52.3%
	2012	49.2%	46.4%	66.5%	61.3%	61.4%	63.1%	65.1%	65.1%	63.8%	58.5%	61.1%	60.6%	52.5%	53.3%
	2013	60.8%	52.5%	56.0%	63.0%	60.7%	62.4%	63.0%	63.2%	60.9%	61.9%	62.0%	61.1%	57.9%	51.4%
	2014	57.1%	57.6%	66.1%	56.7%	60.5%	63.0%	65.3%	63.0%	61.2%	59.2%	49.8%	60.0%	53.5%	52.4%
	2015	55.2%	52.1%	69.1%	63.1%	60.6%	61.6%	63.9%	63.9%	63.5%	60.8%	58.4%	72.6%	54.2%	52.4%
	2016	55.5%	54.6%	61.5%	57.6%	59.6%	65.6%	67.2%	65.4%	68.4%	61.7%	65.8%	64.0%	57.2%	53.1%
	2017	49.9%	64.9%	53.4%	56.3%	60.3%	63.0%	66.5%	65.3%	61.8%	60.2%	66.4%	57.8%	56.2%	52.8%
	2018	55.1%	67.2%	58.7%	64.9%	63.3%	65.5%	63.9%	64.7%	65.0%	59.7%	61.8%	56.4%	49.6%	53.9%
	2019	55.3%	65.0%	61.7%	63.1%	60.2%	64.7%	63.4%	65.8%	65.4%	63.6%	62.0%	57.8%	59.0%	53.0%
	2020	54.3%	60.2%	62.7%	57.6%	57.3%	61.2%	65.6%	64.6%	59.6%	60.6%	64.9%	60.7%	59.0%	52.3%
Projected	2021	52.3%	54.4%	62.4%	58.9%	59.2%	62.7%	65.3%	63.9%	63.6%	60.5%	65.5%	60.9%	55.1%	52.5%
	2022	52.2%	54.3%	62.5%	59.0%	59.3%	62.8%	65.3%	63.8%	63.7%	60.4%	65.6%	60.9%	55.0%	52.6%
	2023	52.2%	54.3%	62.5%	59.0%	59.3%	62.7%	65.3%	63.8%	63.7%	60.6%	66.0%	61.2%	55.0%	52.6%
	2024	52.3%	53.9%	62.9%	59.0%	59.3%	62.8%	65.2%	63.8%	63.7%	60.5%	65.8%	61.0%	55.4%	52.7%
	2025	52.1%	54.3%	62.6%	59.2%	59.4%	62.8%	65.2%	63.8%	63.7%	60.5%	65.8%	61.0%	55.0%	52.6%
	2026	52.1%	54.2%	62.6%	59.2%	59.4%	62.9%	65.2%	63.8%	63.7%	60.5%	65.8%	61.0%	54.9%	52.6%
	2027	52.1%	54.2%	62.5%	59.2%	59.4%	62.9%	65.2%	63.8%	63.7%	60.4%	66.1%	61.2%	54.8%	52.6%
	2028	52.3%	53.8%	62.7%	59.2%	59.4%	62.9%	65.2%	63.8%	63.7%	60.4%	65.8%	61.0%	55.1%	52.7%
	2029	52.1%	54.2%	62.5%	59.2%	59.4%	62.9%	65.2%	63.8%	63.7%	60.4%	65.7%	60.9%	54.8%	52.6%
	2030	52.0%	54.2%	62.4%	59.2%	59.4%	62.9%	65.2%	63.8%	63.7%	60.4%	65.7%	60.9%	54.7%	52.6%
Avg.	2011-2020	54.3%	57.8%	62.7%	60.3%	60.5%	63.3%	64.8%	64.8%	63.6%	60.7%	62.0%	61.6%	54.9%	52.7%
	2021-2030	52.2%	54.2%	62.6%	59.1%	59.4%	62.8%	65.2%	63.8%	63.7%	60.5%	65.8%	61.0%	55.0%	52.6%

FMPA 2021 Load Forecast - Low Economic Case

Starke

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	16.1	12.4	9.2	13.1	14.2	15.3	14.9	13.0	13.6	11.8	10.1	8.6	16.1	13.0
	2012	15.1	14.5	9.6	11.7	13.1	13.7	14.7	12.3	12.5	13.0	8.7	11.7	15.1	14.7
	2013	11.3	13.2	12.7	11.1	12.0	13.9	14.1	15.1	14.8	12.3	9.4	8.8	12.7	15.1
	2014	13.7	12.5	8.9	12.3	13.0	13.8	13.3	15.2	13.8	11.5	14.4	11.7	13.7	15.2
	2015	14.0	15.2	10.0	11.7	13.8	15.6	14.1	15.1	13.7	12.2	12.5	9.9	15.2	15.6
	2016	14.0	14.0	11.3	12.2	13.9	14.9	15.5	15.6	13.3	10.2	10.3	9.3	12.5	15.5
	2017	13.8	10.4	11.4	13.5	14.2	14.0	14.6	14.1	11.0	13.2	10.0	12.6	11.4	14.1
	2018	16.4	9.9	9.6	8.6	12.7	12.8	13.9	15.2	14.6	13.4	11.0	12.6	16.4	15.2
	2019	11.7	9.0	9.4	11.2	14.6	14.7	14.5	13.7	14.4	12.1	10.5	8.2	11.0	14.7
	2020	13.1	9.0	11.3	11.5	12.6	14.1	14.1	14.5	13.9	11.8	9.4	10.5	11.3	14.1
Projected	2021	13.6	12.0	9.9	11.2	13.0	13.7	14.0	14.1	13.1	11.8	9.5	10.7	13.6	14.1
	2022	13.8	12.1	10.0	11.3	13.1	13.9	14.1	14.2	13.2	11.9	9.6	10.7	13.8	14.2
	2023	13.8	12.2	10.1	11.4	13.2	14.0	14.2	14.3	13.3	12.0	9.6	10.8	13.8	14.3
	2024	13.9	12.3	10.1	11.5	13.3	14.1	14.3	14.4	13.4	12.1	9.7	10.9	13.9	14.4
	2025	14.1	12.4	10.2	11.6	13.4	14.2	14.4	14.5	13.5	12.1	9.8	10.9	14.1	14.5
	2026	14.1	12.5	10.3	11.6	13.4	14.2	14.4	14.5	13.5	12.2	9.8	11.0	14.1	14.5
	2027	14.2	12.5	10.3	11.6	13.4	14.2	14.4	14.6	13.6	12.2	9.8	10.9	14.2	14.6
	2028	14.1	12.4	10.3	11.6	13.4	14.2	14.4	14.5	13.5	12.2	9.8	11.0	14.1	14.5
	2029	14.2	12.5	10.3	11.6	13.4	14.2	14.4	14.5	13.5	12.2	9.8	11.0	14.2	14.5
	2030	14.2	12.5	10.3	11.6	13.4	14.2	14.4	14.5	13.5	12.2	9.8	11.0	14.2	14.5
Projected	2031	14.2	12.5	10.3	11.6	13.4	14.2	14.4	14.5	13.5	12.2	9.8	10.9	14.2	14.5
	2032	14.1	12.4	10.3	11.6	13.4	14.2	14.4	14.5	13.5	12.2	9.8	11.0	14.1	14.5
	2033	14.2	12.5	10.3	11.6	13.4	14.2	14.4	14.5	13.5	12.2	9.8	11.0	14.2	14.5
	2034	14.2	12.5	10.3	11.6	13.5	14.2	14.4	14.5	13.5	12.2	9.8	11.0	14.2	14.5
	2035	14.2	12.5	10.3	11.6	13.5	14.2	14.4	14.5	13.5	12.2	9.8	11.0	14.2	14.5
	2036	14.1	12.5	10.3	11.6	13.5	14.2	14.4	14.5	13.5	12.2	9.8	11.0	14.1	14.5
	2037	14.2	12.5	10.3	11.6	13.4	14.2	14.4	14.5	13.5	12.2	9.8	11.0	14.2	14.5
	2038	14.2	12.5	10.3	11.6	13.5	14.2	14.4	14.5	13.5	12.2	9.8	11.0	14.2	14.5
	2039	14.2	12.5	10.3	11.6	13.5	14.2	14.4	14.5	13.5	12.2	9.8	11.0	14.2	14.5
	2040	14.2	12.5	10.3	11.6	13.5	14.2	14.4	14.5	13.5	12.2	9.9	11.1	14.2	14.5

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	95.6%	93.9%	95.5%	100.0%	98.7%	97.1%	96.0%	80.9%	97.0%	100.0%	100.0%	80.4%	95.5%	80.9%
	2012	100.0%	98.0%	91.6%	98.5%	95.9%	98.6%	98.3%	86.4%	89.3%	100.0%	77.8%	100.0%	100.0%	98.3%
	2013	100.0%	97.4%	100.0%	99.5%	96.1%	95.2%	98.7%	99.0%	99.7%	100.0%	86.1%	77.4%	94.0%	99.0%
	2014	91.3%	100.0%	86.0%	100.0%	98.8%	96.0%	92.3%	99.7%	97.3%	92.2%	100.0%	97.7%	91.3%	99.7%
	2015	100.0%	100.0%	98.8%	98.3%	98.4%	99.1%	93.4%	100.0%	97.3%	99.1%	98.3%	99.4%	100.0%	99.1%
	2016	96.8%	100.0%	100.0%	99.5%	99.6%	99.0%	99.7%	99.9%	96.7%	83.4%	99.7%	86.0%	85.9%	99.1%
	2017	95.8%	100.0%	86.5%	100.0%	99.7%	97.5%	98.9%	92.4%	79.2%	97.0%	100.0%	99.4%	79.4%	92.4%
	2018	99.6%	97.0%	83.3%	81.8%	99.7%	88.5%	95.9%	100.0%	96.3%	98.9%	98.0%	100.0%	99.6%	100.0%
	2019	85.7%	88.0%	89.2%	100.0%	98.3%	100.0%	97.3%	89.8%	100.0%	95.4%	98.1%	69.5%	80.8%	96.4%
	2020	99.3%	78.7%	100.0%	100.0%	96.3%	97.8%	95.6%	97.9%	95.7%	96.5%	94.5%	90.6%	86.1%	94.8%
Projected	2021	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2022	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2023	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2024	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2025	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2026	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2027	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2028	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2029	96.4%	95.3%	93.1%	97.8%	98.1%	96.9%	96.6%	95.1%	94.8%	96.5%	94.5%	90.6%	96.4%	95.1%
	2030	96.4%	95.3%	93.1%	97.8%	98.1%	96.9%	96.6%	95.1%	94.8%	96.5%	94.5%	90.6%	96.4%	95.1%
	2011-2020	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	94.6%	94.9%	96.3%	95.3%	90.0%	91.3%	96.0%
	2021-2030	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%

FMPA 2021 Load Forecast - Low Economic Case - Starke

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service						TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	25,428		1,969		12,915		45,518		735		62.0		70,946		4,779	6.3%	75,725	
	2012	21,911	-13.8%	1,948	-1.1%	11,251	-12.9%	43,294	-4.9%	741	0.8%	58.5	-5.6%	65,205	-8.1%	4,064	5.9%	69,269	-8.5%
	2013	21,836	-0.3%	1,945	-0.1%	11,227	-0.2%	42,904	-0.9%	740	0.0%	58.0	-0.9%	64,740	-0.7%	3,938	5.7%	68,678	-0.9%
	2014	22,560	3.3%	1,953	0.4%	11,550	2.9%	43,628	1.7%	762	3.0%	57.2	-1.2%	66,188	2.2%	3,766	5.4%	69,954	1.9%
	2015	23,291	3.2%	1,997	2.3%	11,661	1.0%	44,007	0.9%	760	-0.3%	57.9	1.1%	67,298	1.7%	4,394	6.1%	71,692	2.5%
	2016	24,071	3.3%	2,040	2.1%	11,800	1.2%	45,037	2.3%	735	-3.3%	61.3	5.8%	69,108	2.7%	4,226	5.8%	73,334	2.3%
	2017	22,850	-5.1%	2,053	0.6%	11,131	-5.7%	43,268	-3.9%	746	1.5%	58.0	-5.3%	66,118	-4.3%	3,885	5.5%	70,003	-4.5%
	2018	23,777	4.1%	2,024	-1.4%	11,745	5.5%	43,927	1.5%	765	2.6%	57.4	-1.1%	67,704	2.4%	4,034	5.6%	71,738	2.5%
	2019	24,212	1.8%	2,070	2.2%	11,697	-0.4%	42,967	-2.2%	733	-4.2%	58.6	2.1%	67,179	-0.8%	3,863	5.4%	71,042	-1.0%
	2020	24,446	1.0%	2,067	-0.2%	11,829	1.1%	40,102	-6.7%	722	-1.6%	55.6	-5.1%	64,548	-3.9%	3,966	5.8%	68,514	-3.6%
Projected	2021	24,299	-0.6%	2,072	0.2%	11,730	-0.8%	39,802	-0.7%	719	-0.4%	55.4	-0.4%	64,101	-0.7%	3,847	5.7%	67,948	-0.8%
	2022	23,891	-1.7%	2,066	-0.3%	11,563	-1.4%	40,858	2.7%	724	0.7%	56.5	1.9%	64,749	1.0%	3,866	5.6%	68,615	1.0%
	2023	23,695	-0.8%	2,066	0.0%	11,472	-0.8%	41,542	1.7%	728	0.5%	57.1	1.1%	65,237	0.8%	3,895	5.6%	69,132	0.8%
	2024	23,470	-1.0%	2,065	0.0%	11,363	-0.9%	42,373	2.0%	730	0.3%	58.0	1.7%	65,843	0.9%	4,048	5.8%	69,891	1.1%
	2025	23,394	-0.3%	2,065	0.0%	11,326	-0.3%	42,925	1.3%	732	0.2%	58.7	1.1%	66,319	0.7%	3,960	5.6%	70,279	0.6%
	2026	23,409	0.1%	2,065	0.0%	11,334	0.1%	43,157	0.5%	733	0.2%	58.9	0.4%	66,566	0.4%	3,974	5.6%	70,540	0.4%
	2027	23,406	0.0%	2,065	0.0%	11,332	0.0%	43,249	0.2%	734	0.1%	58.9	0.1%	66,655	0.1%	3,979	5.6%	70,634	0.1%
	2028	23,397	0.0%	2,065	0.0%	11,328	0.0%	43,286	0.1%	735	0.1%	58.9	0.0%	66,683	0.0%	4,099	5.8%	70,782	0.2%
	2029	23,387	0.0%	2,065	0.0%	11,323	0.0%	43,300	0.0%	736	0.1%	58.9	-0.1%	66,687	0.0%	3,981	5.6%	70,668	-0.2%
	2030	23,377	0.0%	2,065	0.0%	11,318	0.0%	43,306	0.0%	736	0.1%	58.8	-0.1%	66,683	0.0%	3,981	5.6%	70,664	0.0%
	2031	23,381	0.0%	2,065	0.0%	11,320	0.0%	43,308	0.0%	737	0.1%	58.7	-0.1%	66,689	0.0%	3,981	5.6%	70,670	0.0%
	2032	23,390	0.0%	2,065	0.0%	11,324	0.0%	43,310	0.0%	738	0.1%	58.7	-0.1%	66,700	0.0%	4,100	5.8%	70,800	0.2%
	2033	23,426	0.2%	2,065	0.0%	11,342	0.2%	43,310	0.0%	739	0.1%	58.6	-0.1%	66,735	0.1%	3,984	5.6%	70,719	-0.1%
	2034	23,475	0.2%	2,065	0.0%	11,365	0.2%	43,310	0.0%	740	0.1%	58.5	-0.1%	66,784	0.1%	3,987	5.6%	70,771	0.1%
	2035	23,503	0.1%	2,065	0.0%	11,379	0.1%	43,310	0.0%	741	0.1%	58.4	-0.1%	66,813	0.0%	3,989	5.6%	70,802	0.0%
	2036	23,501	0.0%	2,065	0.0%	11,378	0.0%	43,310	0.0%	742	0.1%	58.4	-0.1%	66,810	0.0%	4,107	5.8%	70,917	0.2%
	2037	23,496	0.0%	2,065	0.0%	11,375	0.0%	43,310	0.0%	743	0.1%	58.3	-0.1%	66,805	0.0%	3,988	5.6%	70,793	-0.2%
	2038	23,523	0.1%	2,065	0.0%	11,389	0.1%	43,310	0.0%	744	0.1%	58.2	-0.1%	66,833	0.0%	3,990	5.6%	70,823	0.0%
	2039	23,573	0.2%	2,065	0.0%	11,413	0.2%	43,310	0.0%	745	0.1%	58.1	-0.1%	66,883	0.1%	3,993	5.6%	70,875	0.1%
	2040	23,621	0.2%	2,065	0.0%	11,436	0.2%	43,310	0.0%	746	0.1%	58.0	-0.1%	66,931	0.1%	4,114	5.8%	71,045	0.2%
CAGR	2011-2020		-0.4%		0.5%		-1.0%		-1.4%		-0.2%		-1.2%		-1.0%		5.8%		-1.1%
	2021-2030		-0.4%		0.0%		-0.4%		0.9%		0.3%		0.7%		0.4%		5.7%		0.4%
	2031-2040		0.1%		0.0%		0.1%		0.0%		0.1%		-0.1%		0.0%		5.7%		0.1%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - High Economic Case

Starke

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	75,725	-	72,658	-	-4.1%	16.1	-	16.2	-	0.5%	13.0	-	14.2		9.7%
	2012	69,269	-8.5%	70,186	-3.4%	1.3%	15.1	-5.9%	14.1	-13.1%	-7.2%	14.7	13.1%	13.4	-6.1%	-8.9%
	2013	68,678	-0.9%	69,175	-1.4%	0.7%	12.7	-16.2%	13.2	-6.3%	3.7%	15.1	2.7%	15.3	14.6%	1.6%
	2014	69,954	1.9%	70,429	1.8%	0.7%	13.7	7.9%	14.5	10.2%	5.9%	15.2	1.1%	15.5	1.1%	1.6%
	2015	71,692	2.5%	70,430	0.0%	-1.8%	15.2	10.7%	15.5	6.6%	2.0%	15.6	2.0%	16.4	6.0%	5.6%
	2016	73,334	2.3%	71,519	1.5%	-2.5%	12.5	-17.9%	14.7	-4.7%	18.3%	15.5	-0.5%	15.4	-6.3%	-0.6%
	2017	70,003	-4.5%	70,881	-0.9%	1.3%	11.4	-8.4%	13.8	-6.6%	20.7%	14.1	-8.9%	15.1	-2.1%	6.8%
	2018	71,738	2.5%	69,129	-2.5%	-3.6%	16.4	44.1%	16.0	16.2%	-2.7%	15.2	7.7%	14.9	-1.4%	-2.3%
	2019	71,042	-1.0%	68,508	-0.9%	-3.6%	11.0	-32.9%	14.8	-7.7%	33.7%	14.7	-3.6%	14.9	0.2%	1.5%
	2020	68,514	-3.6%	68,729	0.3%	0.3%	11.3	2.7%	14.5	-1.7%	28.0%	14.1	-4.0%	15.2	2.0%	7.8%
Projected	2021	67,969	-0.8%	67,969	-1.1%		13.6	19.9%	13.6	-6.4%		14.1	0.1%	14.1	-7.2%	
	2022			68,788	1.2%				13.8	1.4%				14.3	1.2%	
	2023			69,557	1.1%				13.9	1.0%				14.4	1.2%	
	2024			70,602	1.5%				14.0	0.9%				14.6	1.3%	
	2025			71,195	0.8%				14.3	1.5%				14.7	0.8%	
	2026			71,607	0.6%				14.4	0.7%				14.8	0.5%	
	2027			71,830	0.3%				14.4	0.4%				14.8	0.3%	
	2028			72,093	0.4%				14.4	-0.1%				14.9	0.2%	
	2029			72,080	0.0%				14.5	0.5%				14.9	0.1%	
	2030			72,171	0.1%				14.5	0.1%				14.9	0.1%	
	2031			72,266	0.1%				14.5	0.1%				14.9	0.1%	
	2032			72,483	0.3%				14.5	-0.2%				15.0	0.1%	
	2033			72,481	0.0%				14.5	0.5%				15.0	0.2%	
	2034			72,612	0.2%				14.6	0.2%				15.0	0.2%	
	2035			72,717	0.1%				14.6	0.2%				15.0	0.1%	
	2036			72,904	0.3%				14.6	-0.3%				15.0	0.1%	
	2037			72,843	-0.1%				14.6	0.4%				15.1	0.1%	
	2038			72,938	0.1%				14.6	0.1%				15.1	0.2%	
	2039			73,057	0.2%				14.7	0.2%				15.1	0.2%	
	2040			73,295	0.3%				14.6	-0.2%				15.1	0.2%	
CAGR [3]	2011-2020		-1.1%		-0.6%			-3.8%		-1.2%			0.9%		0.7%	
	2021-2030				0.7%					0.7%					0.6%	
	2031-2040				0.2%					0.1%					0.1%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Starke

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	75,725	-	75,725	-	16.8	16.0	16.8	16.0	16.1	13.0	16.1	13.0
	2012	69,269	-8.5%	69,269	-8.5%	15.1	14.9	15.1	14.9	15.1	14.7	15.1	14.7
	2013	68,678	-0.9%	68,678	-0.9%	13.5	15.2	13.5	15.2	12.7	15.1	12.7	15.1
	2014	69,954	1.9%	69,954	1.9%	15.0	15.3	15.0	15.3	13.7	15.2	13.7	15.2
	2015	71,692	2.5%	71,692	2.5%	15.2	15.7	15.2	15.7	15.2	15.6	15.2	15.6
	2016	73,334	2.3%	73,334	2.3%	14.5	15.6	14.5	15.6	12.5	15.5	12.5	15.5
	2017	70,003	-4.5%	70,003	-4.5%	14.4	15.3	14.4	15.3	11.4	14.1	11.4	14.1
	2018	71,738	2.5%	71,738	2.5%	16.5	15.2	16.5	15.2	16.4	15.2	16.4	15.2
	2019	71,042	-1.0%	71,042	-1.0%	13.7	15.2	13.7	15.2	11.0	14.7	11.0	14.7
	2020	68,514	-3.6%	69,473	-2.2%	13.2	14.8	14.5	15.0	11.3	14.1	14.0	14.3
Projected	2021	67,969	-0.8%	70,245	1.1%	14.1	14.8	14.7	15.2	13.6	14.1	14.2	14.5
	2022	68,788	1.2%	71,136	1.3%	14.3	15.0	14.9	15.4	13.8	14.3	14.4	14.7
	2023	69,557	1.1%	72,034	1.3%	14.4	15.2	15.1	15.6	13.9	14.4	14.6	14.9
	2024	70,602	1.5%	72,984	1.3%	14.6	15.4	15.2	15.8	14.0	14.6	14.7	15.1
	2025	71,195	0.8%	73,677	0.9%	14.8	15.5	15.5	16.0	14.3	14.7	14.9	15.2
	2026	71,607	0.6%	74,417	1.0%	14.9	15.6	15.6	16.1	14.4	14.8	15.0	15.4
	2027	71,830	0.3%	75,020	0.8%	14.9	15.6	15.7	16.3	14.4	14.8	15.2	15.5
	2028	72,093	0.4%	75,679	0.9%	14.9	15.6	15.8	16.4	14.4	14.9	15.2	15.6
	2029	72,080	0.0%	76,056	0.5%	15.0	15.6	16.0	16.5	14.5	14.9	15.4	15.7
	2030	72,171	0.1%	76,519	0.6%	15.0	15.7	16.1	16.6	14.5	14.9	15.5	15.8
	2031	72,266	0.1%	76,961	0.6%	15.0	15.7	16.2	16.7	14.5	14.9	15.6	15.9
	2032	72,483	0.3%	77,492	0.7%	15.0	15.7	16.2	16.7	14.5	15.0	15.6	16.0
	2033	72,481	0.0%	77,775	0.4%	15.1	15.7	16.3	16.8	14.5	15.0	15.7	16.0
	2034	72,612	0.2%	78,180	0.5%	15.1	15.8	16.4	16.9	14.6	15.0	15.8	16.1
	2035	72,717	0.1%	78,563	0.5%	15.1	15.8	16.5	17.0	14.6	15.0	15.9	16.2
	2036	72,904	0.3%	79,031	0.6%	15.1	15.8	16.5	17.1	14.6	15.0	15.9	16.3
	2037	72,843	-0.1%	79,227	0.2%	15.2	15.8	16.6	17.1	14.6	15.1	16.0	16.3
	2038	72,938	0.1%	79,558	0.4%	15.2	15.8	16.7	17.2	14.6	15.1	16.1	16.4
	2039	73,057	0.2%	79,896	0.4%	15.2	15.9	16.8	17.3	14.7	15.1	16.1	16.5
	2040	73,295	0.3%			15.2	15.9			14.6	15.1		
CAGR[1]	Historical		-1.1%		-0.8%	-2.7%	-0.9%	-2.6%	-0.7%	-3.6%	-0.5%	-4.4%	0.0%
	1st 10 Prj Yrs		0.7%		1.0%	0.7%	0.6%	1.1%	1.0%	0.7%	0.6%	1.1%	1.0%
	2nd 10 Prj Yrs		0.2%		0.5%	0.1%	0.1%	0.5%	0.5%	0.1%	0.1%	0.5%	0.5%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Starke

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	75,725	-	72,658	-	-4.1%	16.1	-	16.2	-	0.5%	13.0	-	14.2		9.7%
	2012	69,269	-8.5%	70,186	-3.4%	1.3%	15.1	-5.9%	14.1	-13.1%	-7.2%	14.7	13.1%	13.4	-6.1%	-8.9%
	2013	68,678	-0.9%	69,175	-1.4%	0.7%	12.7	-16.2%	13.2	-6.3%	3.7%	15.1	2.7%	15.3	14.6%	1.6%
	2014	69,954	1.9%	70,429	1.8%	0.7%	13.7	7.9%	14.5	10.2%	5.9%	15.2	1.1%	15.5	1.1%	1.6%
	2015	71,692	2.5%	70,430	0.0%	-1.8%	15.2	10.7%	15.5	6.6%	2.0%	15.6	2.0%	16.4	6.0%	5.6%
	2016	73,334	2.3%	71,519	1.5%	-2.5%	12.5	-17.9%	14.7	-4.7%	18.3%	15.5	-0.5%	15.4	-6.3%	-0.6%
	2017	70,003	-4.5%	70,881	-0.9%	1.3%	11.4	-8.4%	13.8	-6.6%	20.7%	14.1	-8.9%	15.1	-2.1%	6.8%
	2018	71,738	2.5%	69,129	-2.5%	-3.6%	16.4	44.1%	16.0	16.2%	-2.7%	15.2	7.7%	14.9	-1.4%	-2.3%
	2019	71,042	-1.0%	68,508	-0.9%	-3.6%	11.0	-32.9%	14.8	-7.7%	33.7%	14.7	-3.6%	14.9	0.2%	1.5%
	2020	68,514	-3.6%	68,866	0.5%	0.5%	11.3	2.7%	14.5	-1.7%	28.0%	14.1	-4.0%	15.2	2.0%	7.8%
Projected	2021	67,938	-0.8%	67,938	-1.3%		13.6	19.9%	13.6	-6.4%		14.1	0.0%	14.1	-7.2%	
	2022			68,743	1.2%				13.8	1.4%				14.2	1.1%	
	2023			69,497	1.1%				13.9	1.0%				14.4	1.2%	
	2024			70,525	1.5%				14.0	0.9%				14.6	1.3%	
	2025			71,100	0.8%				14.3	1.5%				14.7	0.8%	
	2026			71,488	0.5%				14.4	0.7%				14.8	0.4%	
	2027			71,685	0.3%				14.4	0.4%				14.8	0.2%	
	2028			71,920	0.3%				14.4	-0.1%				14.8	0.1%	
	2029			71,877	-0.1%				14.5	0.5%				14.8	0.1%	
	2030			71,938	0.1%				14.5	0.1%				14.9	0.1%	
	2031			72,013	0.1%				14.5	0.1%				14.9	0.1%	
	2032			72,208	0.3%				14.5	-0.2%				14.9	0.1%	
	2033			72,186	0.0%				14.5	0.5%				14.9	0.1%	
	2034			72,330	0.2%				14.6	0.2%				14.9	0.2%	
	2035			72,411	0.1%				14.6	0.2%				15.0	0.1%	
	2036			72,580	0.2%				14.6	-0.3%				15.0	0.1%	
	2037			72,494	-0.1%				14.6	0.4%				15.0	0.1%	
	2038			72,562	0.1%				14.6	0.1%				15.0	0.1%	
	2039			72,663	0.1%				14.7	0.2%				15.0	0.1%	
	2040			72,882	0.3%				14.6	-0.2%				15.0	0.1%	
CAGR [3]	2011-2020		-1.1%		-0.6%			-3.8%		-1.2%			0.9%		0.7%	
	2021-2030				0.6%					0.7%					0.6%	
	2031-2040				0.1%					0.1%					0.1%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Starke

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	75,725	-	72,658	-	-4.1%	16.8	-	51.3%	16.0	-	53.9%
	2012	69,269	-8.5%	70,186	-3.4%	1.3%	15.1	-10.1%	52.2%	14.9	-6.9%	53.0%
	2013	68,678	-0.9%	69,175	-1.4%	0.7%	13.5	-10.8%	58.0%	15.2	2.0%	51.5%
	2014	69,954	1.9%	70,429	1.8%	0.7%	15.0	11.0%	53.3%	15.3	0.5%	52.2%
	2015	71,692	2.5%	70,430	0.0%	-1.8%	15.2	1.1%	54.0%	15.7	2.6%	52.2%
	2016	73,334	2.3%	71,519	1.5%	-2.5%	14.5	-4.4%	57.7%	15.6	-0.4%	53.6%
	2017	70,003	-4.5%	70,881	-0.9%	1.3%	14.4	-0.9%	55.6%	15.3	-2.3%	52.3%
	2018	71,738	2.5%	69,129	-2.5%	-3.6%	16.5	14.9%	49.6%	15.2	-0.5%	53.9%
	2019	71,042	-1.0%	68,508	-0.9%	-3.6%	13.7	-17.2%	59.4%	15.2	0.0%	53.4%
	2020	68,514	-3.6%	68,729	0.3%	0.3%	13.2	-3.6%	59.4%	14.8	-2.3%	52.7%
Projected	2021	67,938	-0.8%	67,938	-1.2%		14.1	7.1%	55.0%	14.8	-0.3%	52.4%
	2022	68,743	1.2%	68,743	1.2%		14.3	1.4%	54.9%	15.0	1.1%	52.4%
	2023	69,497	1.1%	69,497	1.1%		14.4	1.0%	55.0%	15.1	1.2%	52.4%
	2024	70,525	1.5%	70,525	1.5%		14.6	0.9%	55.3%	15.3	1.3%	52.5%
	2025	71,100	0.8%	71,100	0.8%		14.8	1.5%	54.9%	15.5	0.8%	52.5%
	2026	71,488	0.5%	71,488	0.5%		14.9	0.7%	54.8%	15.5	0.4%	52.5%
	2027	71,685	0.3%	71,685	0.3%		14.9	0.4%	54.8%	15.6	0.2%	52.6%
	2028	71,920	0.3%	71,920	0.3%		14.9	-0.1%	55.0%	15.6	0.1%	52.7%
	2029	71,877	-0.1%	71,877	-0.1%		15.0	0.5%	54.7%	15.6	0.1%	52.6%
	2030	71,938	0.1%	71,938	0.1%		15.0	0.1%	54.7%	15.6	0.1%	52.6%
	2031	72,013	0.1%	72,013	0.1%		15.0	0.1%	54.7%	15.6	0.1%	52.6%
	2032	72,208	0.3%	72,208	0.3%		15.0	-0.2%	54.9%	15.6	0.1%	52.7%
	2033	72,186	0.0%	72,186	0.0%		15.1	0.5%	54.6%	15.7	0.1%	52.6%
	2034	72,330	0.2%	72,330	0.2%		15.1	0.2%	54.6%	15.7	0.2%	52.6%
	2035	72,411	0.1%	72,411	0.1%		15.1	0.2%	54.6%	15.7	0.1%	52.6%
	2036	72,580	0.2%	72,580	0.2%		15.1	-0.3%	54.9%	15.7	0.1%	52.7%
	2037	72,494	-0.1%	72,494	-0.1%		15.2	0.4%	54.6%	15.7	0.1%	52.6%
	2038	72,562	0.1%	72,562	0.1%		15.2	0.1%	54.5%	15.8	0.1%	52.6%
	2039	72,663	0.1%	72,663	0.1%		15.2	0.2%	54.5%	15.8	0.1%	52.6%
	2040	72,882	0.3%	72,882	0.3%		15.2	-0.2%	54.8%	15.8	0.1%	52.7%
CAGR [1]	2011-2020		-1.1%		-0.6%			-2.7%	55.1%		-0.9%	52.9%
	2021-2030		0.6%		0.6%			0.7%	54.9%		0.6%	52.5%
	2031-2040		0.1%		0.1%			0.1%	54.7%		0.1%	52.6%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case

Starke

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	6,378	5,077	5,152	5,612	6,503	7,214	7,448	7,965	6,690	5,335	4,917	5,188	73,481	75,725
	2012	5,543	4,782	5,162	5,262	6,236	6,296	7,226	6,868	6,454	5,647	4,927	5,288	69,690	69,269
	2013	5,104	4,768	5,291	5,058	5,657	6,574	6,705	7,159	6,501	5,654	4,878	5,181	68,528	68,678
	2014	6,373	4,827	5,084	5,043	5,941	6,516	7,006	7,176	6,275	5,474	5,154	5,360	70,229	69,954
	2015	5,736	5,304	5,191	5,407	6,308	6,955	7,191	7,160	6,452	5,582	5,323	5,389	71,998	71,692
	2016	5,989	5,322	5,174	5,079	6,196	7,123	7,764	7,606	6,788	5,591	4,878	5,173	72,683	73,334
	2017	5,333	4,520	5,235	5,463	6,392	6,510	7,282	7,424	6,200	6,081	4,801	5,454	70,696	70,003
	2018	6,766	4,624	5,020	4,894	5,984	6,831	6,878	7,318	7,088	6,000	5,018	5,285	71,705	71,738
	2019	5,619	4,449	4,858	5,076	6,647	6,825	7,041	7,436	6,788	6,018	4,788	5,063	70,608	71,042
	2020	5,321	4,821	5,290	4,769	5,561	6,336	7,177	7,135	6,235	5,510	4,652	5,252	68,060	68,514
Projected	2021	5,486	4,600	4,938	4,868	5,831	6,408	7,019	7,033	6,339	5,490	4,762	5,333	68,107	67,938
	2022	5,555	4,658	5,014	4,926	5,902	6,483	7,096	7,112	6,413	5,548	4,813	5,388	68,908	68,743
	2023	5,607	4,702	5,064	4,982	5,969	6,555	7,180	7,196	6,492	5,624	4,880	5,460	69,711	69,497
	2024	5,675	4,882	5,138	5,047	6,051	6,646	7,264	7,283	6,576	5,689	4,938	5,526	70,714	70,525
	2025	5,738	4,815	5,191	5,098	6,108	6,705	7,324	7,342	6,626	5,730	4,972	5,563	71,213	71,100
	2026	5,775	4,845	5,220	5,124	6,139	6,737	7,358	7,373	6,652	5,751	4,989	5,582	71,545	71,488
	2027	5,794	4,860	5,234	5,137	6,154	6,752	7,375	7,389	6,666	5,762	4,998	5,594	71,715	71,685
	2028	5,806	4,990	5,242	5,144	6,163	6,762	7,386	7,400	6,675	5,769	5,003	5,602	71,940	71,920
	2029	5,815	4,877	5,247	5,149	6,168	6,768	7,393	7,407	6,680	5,773	5,006	5,607	71,890	71,877
	2030	5,822	4,882	5,251	5,152	6,173	6,773	7,399	7,414	6,686	5,778	5,011	5,614	71,955	71,938
Projected	2031	5,830	4,888	5,256	5,156	6,179	6,780	7,407	7,422	6,692	5,783	5,015	5,620	72,028	72,013
	2032	5,837	5,014	5,261	5,161	6,185	6,787	7,416	7,430	6,700	5,790	5,020	5,628	72,228	72,208
	2033	5,846	4,901	5,268	5,167	6,192	6,796	7,427	7,442	6,709	5,801	5,029	5,640	72,217	72,186
	2034	5,859	4,912	5,278	5,176	6,204	6,810	7,442	7,457	6,722	5,808	5,035	5,648	72,352	72,330
	2035	5,868	4,919	5,284	5,181	6,210	6,816	7,450	7,464	6,728	5,812	5,039	5,653	72,424	72,411
	2036	5,874	5,045	5,287	5,184	6,213	6,820	7,454	7,468	6,731	5,814	5,040	5,656	72,586	72,580
	2037	5,877	4,926	5,289	5,185	6,216	6,823	7,458	7,473	6,735	5,817	5,042	5,661	72,505	72,494
	2038	5,884	4,932	5,293	5,189	6,222	6,830	7,467	7,482	6,743	5,825	5,048	5,670	72,585	72,562
	2039	5,894	4,940	5,300	5,195	6,229	6,839	7,478	7,493	6,751	5,831	5,054	5,679	72,684	72,663
	2040	5,904	5,069	5,307	5,201	6,237	6,848	7,488	7,503	6,761	5,839	5,060	5,688	72,905	72,882

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	8.7%	6.9%	7.0%	7.6%	8.9%	9.8%	10.1%	10.8%	9.1%	7.3%	6.7%	7.1%	100.0%
	2012	8.0%	6.9%	7.4%	7.5%	8.9%	9.0%	10.4%	9.9%	9.3%	8.1%	7.1%	7.6%	100.0%
	2013	7.4%	7.0%	7.7%	7.4%	8.3%	9.6%	9.8%	10.4%	9.5%	8.3%	7.1%	7.6%	100.0%
	2014	9.1%	6.9%	7.2%	7.2%	8.5%	9.3%	10.0%	10.2%	8.9%	7.8%	7.3%	7.6%	100.0%
	2015	8.0%	7.4%	7.2%	7.5%	8.8%	9.7%	10.0%	9.9%	9.0%	7.8%	7.4%	7.5%	100.0%
	2016	8.2%	7.3%	7.1%	7.0%	8.5%	9.8%	10.7%	10.5%	9.3%	7.7%	6.7%	7.1%	100.0%
	2017	7.5%	6.4%	7.4%	7.7%	9.0%	9.2%	10.3%	10.5%	8.8%	8.6%	6.8%	7.7%	100.0%
	2018	9.4%	6.4%	7.0%	6.8%	8.3%	9.5%	9.6%	10.2%	9.9%	8.4%	7.0%	7.4%	100.0%
	2019	8.0%	6.3%	6.9%	7.2%	9.4%	9.7%	10.0%	10.5%	9.6%	8.5%	6.8%	7.2%	100.0%
	2020	7.8%	7.1%	7.8%	7.0%	8.2%	9.3%	10.5%	10.5%	9.2%	8.1%	6.8%	7.7%	100.0%
Projected	2021	8.1%	6.8%	7.3%	7.1%	8.6%	9.4%	10.3%	10.3%	9.3%	8.1%	7.0%	7.8%	100.0%
	2022	8.1%	6.8%	7.3%	7.1%	8.6%	9.4%	10.3%	10.3%	9.3%	8.1%	7.0%	7.8%	100.0%
	2023	8.0%	6.7%	7.3%	7.1%	8.6%	9.4%	10.3%	10.3%	9.3%	8.1%	7.0%	7.8%	100.0%
	2024	8.0%	6.9%	7.3%	7.1%	8.6%	9.4%	10.3%	10.3%	9.3%	8.0%	7.0%	7.8%	100.0%
	2025	8.1%	6.8%	7.3%	7.2%	8.6%	9.4%	10.3%	10.3%	9.3%	8.0%	7.0%	7.8%	100.0%
	2026	8.1%	6.8%	7.3%	7.2%	8.6%	9.4%	10.3%	10.3%	9.3%	8.0%	7.0%	7.8%	100.0%
	2027	8.1%	6.8%	7.3%	7.2%	8.6%	9.4%	10.3%	10.3%	9.3%	8.0%	7.0%	7.8%	100.0%
	2028	8.1%	6.9%	7.3%	7.2%	8.6%	9.4%	10.3%	10.3%	9.3%	8.0%	7.0%	7.8%	100.0%
	2029	8.1%	6.8%	7.3%	7.2%	8.6%	9.4%	10.3%	10.3%	9.3%	8.0%	7.0%	7.8%	100.0%
	2030	8.1%	6.8%	7.3%	7.2%	8.6%	9.4%	10.3%	10.3%	9.3%	8.0%	7.0%	7.8%	100.0%
Avg.	2011-2020	8.2%	6.9%	7.3%	7.3%	8.7%	9.5%	10.1%	10.3%	9.3%	8.0%	7.0%	7.4%	100.0%
	2021-2030	8.1%	6.8%	7.3%	7.2%	8.6%	9.4%	10.3%	10.3%	9.3%	8.0%	7.0%	7.8%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - High Economic Case

Starke

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	16.8	13.2	9.7	13.1	14.4	15.7	15.5	16.0	14.0	11.8	10.1	10.8	16.8	16.0
	2012	15.1	14.8	10.4	11.9	13.7	13.9	14.9	14.2	14.0	13.0	11.2	11.7	15.1	14.9
	2013	11.3	13.5	12.7	11.2	12.5	14.6	14.3	15.2	14.8	12.3	10.9	11.4	13.5	15.2
	2014	15.0	12.5	10.3	12.3	13.2	14.4	14.4	15.3	14.2	12.4	14.4	12.0	15.0	15.3
	2015	14.0	15.2	10.1	11.9	14.0	15.7	15.1	15.1	14.1	12.3	12.7	10.0	15.2	15.7
	2016	14.5	14.0	11.3	12.2	14.0	15.1	15.5	15.6	13.8	12.2	10.3	10.9	14.5	15.6
	2017	14.4	10.4	13.2	13.5	14.2	14.3	14.7	15.3	13.9	13.6	10.0	12.7	14.4	15.3
	2018	16.5	10.2	11.5	10.5	12.7	14.5	14.5	15.2	15.1	13.5	11.3	12.6	16.5	15.2
	2019	13.7	10.2	10.6	11.2	14.8	14.7	14.9	15.2	14.4	12.7	10.7	11.8	13.7	15.2
	2020	13.2	11.5	11.3	11.5	13.0	14.4	14.7	14.8	14.5	12.2	10.0	11.6	13.2	14.8
Projected	2021	14.1	12.6	10.6	11.5	13.2	14.2	14.5	14.8	13.8	12.2	10.1	11.8	14.1	14.8
	2022	14.3	12.8	10.8	11.6	13.4	14.4	14.6	15.0	14.0	12.3	10.2	11.9	14.3	15.0
	2023	14.4	12.9	10.9	11.7	13.6	14.5	14.8	15.1	14.2	12.5	10.3	12.0	14.4	15.1
	2024	14.6	13.0	11.0	11.9	13.7	14.7	15.0	15.3	14.3	12.6	10.4	12.2	14.6	15.3
	2025	14.8	13.2	11.2	12.0	13.8	14.8	15.1	15.5	14.4	12.7	10.5	12.3	14.8	15.5
	2026	14.9	13.3	11.2	12.1	13.9	14.9	15.2	15.5	14.5	12.8	10.6	12.3	14.9	15.5
	2027	14.9	13.3	11.3	12.1	13.9	14.9	15.2	15.6	14.5	12.8	10.5	12.3	14.9	15.6
	2028	14.9	13.3	11.2	12.1	14.0	14.9	15.2	15.6	14.6	12.9	10.6	12.4	14.9	15.6
	2029	15.0	13.4	11.3	12.1	14.0	15.0	15.2	15.6	14.6	12.9	10.6	12.4	15.0	15.6
	2030	15.0	13.4	11.3	12.1	14.0	15.0	15.2	15.6	14.6	12.9	10.6	12.4	15.0	15.6
Projected	2031	15.0	13.4	11.3	12.1	14.0	15.0	15.3	15.6	14.6	12.9	10.6	12.4	15.0	15.6
	2032	15.0	13.4	11.3	12.2	14.0	15.0	15.3	15.6	14.6	12.9	10.7	12.4	15.0	15.6
	2033	15.1	13.5	11.4	12.2	14.1	15.0	15.3	15.7	14.6	12.9	10.7	12.5	15.1	15.7
	2034	15.1	13.5	11.4	12.2	14.1	15.1	15.3	15.7	14.7	13.0	10.7	12.5	15.1	15.7
	2035	15.1	13.5	11.4	12.2	14.1	15.1	15.3	15.7	14.7	13.0	10.7	12.4	15.1	15.7
	2036	15.1	13.5	11.4	12.2	14.1	15.1	15.4	15.7	14.7	13.0	10.7	12.5	15.1	15.7
	2037	15.2	13.5	11.4	12.2	14.1	15.1	15.4	15.7	14.7	13.0	10.7	12.5	15.2	15.7
	2038	15.2	13.6	11.5	12.2	14.1	15.1	15.4	15.8	14.7	13.0	10.8	12.5	15.2	15.8
	2039	15.2	13.6	11.5	12.3	14.2	15.1	15.4	15.8	14.7	13.0	10.7	12.5	15.2	15.8
	2040	15.2	13.6	11.4	12.3	14.2	15.1	15.4	15.8	14.8	13.0	10.9	12.7	15.2	15.8

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	50.9%	57.3%	71.7%	59.5%	60.6%	63.7%	64.6%	66.8%	66.3%	60.8%	67.4%	64.8%	49.8%	53.9%
	2012	49.2%	46.4%	66.5%	61.3%	61.4%	63.1%	65.1%	65.1%	63.8%	58.5%	61.1%	60.6%	52.5%	53.0%
	2013	60.8%	52.5%	56.0%	63.0%	60.7%	62.4%	63.0%	63.2%	60.9%	61.9%	62.0%	61.1%	57.9%	51.5%
	2014	57.1%	57.6%	66.1%	56.7%	60.5%	63.0%	65.3%	63.0%	61.2%	59.2%	49.8%	60.0%	53.5%	52.2%
	2015	55.2%	52.1%	69.1%	63.1%	60.6%	61.6%	63.9%	63.9%	63.5%	60.8%	58.4%	72.6%	54.2%	52.2%
	2016	55.5%	54.6%	61.5%	57.6%	59.6%	65.6%	67.2%	65.4%	68.4%	61.7%	65.8%	64.0%	57.2%	53.6%
	2017	49.9%	64.9%	53.4%	56.3%	60.3%	63.0%	66.5%	65.3%	61.8%	60.2%	66.4%	57.8%	56.2%	52.3%
	2018	55.1%	67.2%	58.7%	64.9%	63.3%	65.5%	63.9%	64.7%	65.0%	59.7%	61.8%	56.4%	49.6%	53.9%
	2019	55.3%	65.0%	61.7%	63.1%	60.2%	64.7%	63.4%	65.8%	65.4%	63.6%	62.0%	57.8%	59.0%	53.4%
	2020	54.3%	60.2%	62.7%	57.6%	57.3%	61.2%	65.6%	64.6%	59.6%	60.6%	64.9%	60.7%	59.0%	52.7%
Projected	2021	52.3%	54.4%	62.4%	58.9%	59.2%	62.7%	65.3%	63.9%	63.7%	60.5%	65.5%	60.8%	55.1%	52.4%
	2022	52.2%	54.3%	62.5%	58.9%	59.2%	62.7%	65.3%	63.9%	63.7%	60.5%	65.5%	60.9%	55.0%	52.4%
	2023	52.2%	54.3%	62.5%	58.9%	59.2%	62.7%	65.3%	63.9%	63.7%	60.6%	65.8%	61.1%	55.1%	52.4%
	2024	52.4%	53.9%	62.9%	58.9%	59.2%	62.8%	65.2%	63.8%	63.7%	60.5%	65.6%	60.9%	55.4%	52.5%
	2025	52.1%	54.3%	62.6%	59.0%	59.3%	62.8%	65.2%	63.8%	63.7%	60.4%	65.7%	60.9%	55.0%	52.5%
	2026	52.1%	54.3%	62.5%	59.1%	59.3%	62.8%	65.2%	63.8%	63.7%	60.4%	65.6%	60.9%	54.9%	52.5%
	2027	52.1%	54.2%	62.5%	59.1%	59.3%	62.8%	65.2%	63.8%	63.7%	60.4%	65.9%	61.1%	54.8%	52.6%
	2028	52.3%	53.8%	62.6%	59.1%	59.3%	62.8%	65.2%	63.8%	63.7%	60.3%	65.6%	60.9%	55.0%	52.7%
	2029	52.1%	54.2%	62.4%	59.0%	59.3%	62.8%	65.2%	63.8%	63.6%	60.3%	65.5%	60.9%	54.7%	52.6%
	2030	52.1%	54.2%	62.3%	59.0%	59.3%	62.8%	65.2%	63.8%	63.6%	60.3%	65.5%	60.9%	54.7%	52.6%
Avg.	2011-2020	54.3%	57.8%	62.7%	60.3%	60.5%	63.3%	64.8%	64.8%	63.6%	60.7%	62.0%	61.6%	54.9%	52.9%
	2021-2030	52.2%	54.2%	62.5%	59.0%	59.3%	62.8%	65.2%	63.8%	63.7%	60.4%	65.6%	60.9%	55.0%	52.5%

FMPA 2021 Load Forecast - High Economic Case

Starke

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	16.1	12.4	9.2	13.1	14.2	15.3	14.9	13.0	13.6	11.8	10.1	8.6	16.1	13.0
	2012	15.1	14.5	9.6	11.7	13.1	13.7	14.7	12.3	12.5	13.0	8.7	11.7	15.1	14.7
	2013	11.3	13.2	12.7	11.1	12.0	13.9	14.1	15.1	14.8	12.3	9.4	8.8	12.7	15.1
	2014	13.7	12.5	8.9	12.3	13.0	13.8	13.3	15.2	13.8	11.5	14.4	11.7	13.7	15.2
	2015	14.0	15.2	10.0	11.7	13.8	15.6	14.1	15.1	13.7	12.2	12.5	9.9	15.2	15.6
	2016	14.0	14.0	11.3	12.2	13.9	14.9	15.5	15.6	13.3	10.2	10.3	9.3	12.5	15.5
	2017	13.8	10.4	11.4	13.5	14.2	14.0	14.6	14.1	11.0	13.2	10.0	12.6	11.4	14.1
	2018	16.4	9.9	9.6	8.6	12.7	12.8	13.9	15.2	14.6	13.4	11.0	12.6	16.4	15.2
	2019	11.7	9.0	9.4	11.2	14.6	14.7	14.5	13.7	14.4	12.1	10.5	8.2	11.0	14.7
	2020	13.1	9.0	11.3	11.5	12.6	14.1	14.1	14.5	13.9	11.8	9.4	10.5	11.3	14.1
Projected	2021	13.6	12.0	9.9	11.2	13.0	13.8	14.0	14.1	13.1	11.8	9.5	10.7	13.6	14.1
	2022	13.8	12.2	10.0	11.4	13.2	13.9	14.1	14.2	13.3	11.9	9.6	10.8	13.8	14.2
	2023	13.9	12.3	10.1	11.5	13.3	14.1	14.3	14.4	13.4	12.0	9.7	10.9	13.9	14.4
	2024	14.0	12.4	10.2	11.6	13.5	14.2	14.5	14.6	13.6	12.2	9.9	11.0	14.0	14.6
	2025	14.3	12.6	10.4	11.7	13.6	14.4	14.6	14.7	13.7	12.3	9.9	11.1	14.3	14.7
	2026	14.4	12.7	10.4	11.8	13.7	14.4	14.6	14.8	13.8	12.4	10.0	11.2	14.4	14.8
	2027	14.4	12.7	10.5	11.8	13.7	14.5	14.7	14.8	13.8	12.4	10.0	11.1	14.4	14.8
	2028	14.4	12.7	10.5	11.8	13.7	14.5	14.7	14.8	13.8	12.4	10.0	11.2	14.4	14.8
	2029	14.5	12.8	10.5	11.8	13.7	14.5	14.7	14.8	13.8	12.4	10.0	11.2	14.5	14.8
	2030	14.5	12.8	10.5	11.9	13.7	14.5	14.7	14.9	13.8	12.4	10.0	11.2	14.5	14.9
Projected	2031	14.5	12.8	10.6	11.9	13.8	14.5	14.7	14.9	13.8	12.4	10.0	11.2	14.5	14.9
	2032	14.5	12.8	10.5	11.9	13.8	14.5	14.8	14.9	13.9	12.5	10.1	11.3	14.5	14.9
	2033	14.5	12.8	10.6	11.9	13.8	14.6	14.8	14.9	13.9	12.5	10.1	11.3	14.5	14.9
	2034	14.6	12.9	10.6	11.9	13.8	14.6	14.8	14.9	13.9	12.5	10.1	11.3	14.6	14.9
	2035	14.6	12.9	10.6	11.9	13.8	14.6	14.8	15.0	13.9	12.5	10.1	11.3	14.6	15.0
	2036	14.6	12.8	10.6	11.9	13.8	14.6	14.8	15.0	13.9	12.5	10.1	11.3	14.6	15.0
	2037	14.6	12.9	10.6	12.0	13.9	14.6	14.8	15.0	13.9	12.5	10.1	11.3	14.6	15.0
	2038	14.6	12.9	10.7	12.0	13.9	14.6	14.9	15.0	14.0	12.5	10.2	11.4	14.6	15.0
	2039	14.7	12.9	10.7	12.0	13.9	14.7	14.9	15.0	14.0	12.6	10.1	11.3	14.7	15.0
	2040	14.6	12.9	10.7	12.0	13.9	14.7	14.9	15.0	14.0	12.6	10.3	11.5	14.6	15.0

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	95.6%	93.9%	95.5%	100.0%	98.7%	97.1%	96.0%	80.9%	97.0%	100.0%	100.0%	80.4%	95.5%	80.9%
	2012	100.0%	98.0%	91.6%	98.5%	95.9%	98.6%	98.3%	86.4%	89.3%	100.0%	77.8%	100.0%	100.0%	98.3%
	2013	100.0%	97.4%	100.0%	99.5%	96.1%	95.2%	98.7%	99.0%	99.7%	100.0%	86.1%	77.4%	94.0%	99.0%
	2014	91.3%	100.0%	86.0%	100.0%	98.8%	96.0%	92.3%	99.7%	97.3%	92.2%	100.0%	97.7%	91.3%	99.7%
	2015	100.0%	100.0%	98.8%	98.3%	98.4%	99.1%	93.4%	100.0%	97.3%	99.1%	98.3%	99.4%	100.0%	99.1%
	2016	96.8%	100.0%	100.0%	99.5%	99.6%	99.0%	99.7%	99.9%	96.7%	83.4%	99.7%	86.0%	85.9%	99.1%
	2017	95.8%	100.0%	86.5%	100.0%	99.7%	97.5%	98.9%	92.4%	79.2%	97.0%	100.0%	99.4%	79.4%	92.4%
	2018	99.6%	97.0%	83.3%	81.8%	99.7%	88.5%	95.9%	100.0%	96.3%	98.9%	98.0%	100.0%	99.6%	100.0%
	2019	85.7%	88.0%	89.2%	100.0%	98.3%	100.0%	97.3%	89.8%	100.0%	95.4%	98.1%	69.5%	80.8%	96.4%
	2020	99.3%	78.7%	100.0%	100.0%	96.3%	97.8%	95.6%	97.9%	95.7%	96.5%	94.5%	90.6%	86.1%	94.8%
Projected	2021	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2022	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2023	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2024	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2025	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2026	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2027	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2028	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2029	96.4%	95.3%	93.1%	97.8%	98.1%	96.9%	96.6%	95.1%	94.8%	96.5%	94.5%	90.6%	96.4%	95.1%
	2030	96.4%	95.3%	93.1%	97.8%	98.1%	96.9%	96.6%	95.1%	94.8%	96.5%	94.5%	90.6%	96.4%	95.1%
	2011-2020	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	94.6%	94.9%	96.3%	95.3%	90.0%	91.3%	96.0%
	2021-2030	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%

FMPA 2021 Load Forecast - High Economic Case - Starke

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service						TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	25,428		1,969		12,915		45,518		735		62.0		70,946		4,779	6.3%	75,725	
	2012	21,911	-13.8%	1,948	-1.1%	11,251	-12.9%	43,294	-4.9%	741	0.8%	58.5	-5.6%	65,205	-8.1%	4,064	5.9%	69,269	-8.5%
	2013	21,836	-0.3%	1,945	-0.1%	11,227	-0.2%	42,904	-0.9%	740	0.0%	58.0	-0.9%	64,740	-0.7%	3,938	5.7%	68,678	-0.9%
	2014	22,560	3.3%	1,953	0.4%	11,550	2.9%	43,628	1.7%	762	3.0%	57.2	-1.2%	66,188	2.2%	3,766	5.4%	69,954	1.9%
	2015	23,291	3.2%	1,997	2.3%	11,661	1.0%	44,007	0.9%	760	-0.3%	57.9	1.1%	67,298	1.7%	4,394	6.1%	71,692	2.5%
	2016	24,071	3.3%	2,040	2.1%	11,800	1.2%	45,037	2.3%	735	-3.3%	61.3	5.8%	69,108	2.7%	4,226	5.8%	73,334	2.3%
	2017	22,850	-5.1%	2,053	0.6%	11,131	-5.7%	43,268	-3.9%	746	1.5%	58.0	-5.3%	66,118	-4.3%	3,885	5.5%	70,003	-4.5%
	2018	23,777	4.1%	2,024	-1.4%	11,745	5.5%	43,927	1.5%	765	2.6%	57.4	-1.1%	67,704	2.4%	4,034	5.6%	71,738	2.5%
	2019	24,212	1.8%	2,070	2.2%	11,697	-0.4%	42,967	-2.2%	733	-4.2%	58.6	2.1%	67,179	-0.8%	3,863	5.4%	71,042	-1.0%
	2020	24,446	1.0%	2,067	-0.2%	11,829	1.1%	40,102	-6.7%	722	-1.6%	55.6	-5.1%	64,548	-3.9%	3,966	5.8%	68,514	-3.6%
Projected	2021	24,319	-0.5%	2,072	0.2%	11,739	-0.8%	39,802	-0.7%	724	0.3%	55.0	-1.1%	64,121	-0.7%	3,848	5.7%	67,969	-0.8%
	2022	24,055	-1.1%	2,066	-0.3%	11,643	-0.8%	40,858	2.7%	742	2.5%	55.1	0.2%	64,913	1.2%	3,876	5.6%	68,788	1.2%
	2023	24,096	0.2%	2,066	0.0%	11,666	0.2%	41,542	1.7%	752	1.4%	55.2	0.2%	65,638	1.1%	3,919	5.6%	69,557	1.1%
	2024	24,140	0.2%	2,065	0.0%	11,687	0.2%	42,373	2.0%	760	1.0%	55.8	1.0%	66,513	1.3%	4,089	5.8%	70,602	1.5%
	2025	24,258	0.5%	2,065	0.0%	11,745	0.5%	42,925	1.3%	766	0.8%	56.0	0.5%	67,183	1.0%	4,011	5.6%	71,195	0.8%
	2026	24,416	0.7%	2,065	0.0%	11,821	0.7%	43,157	0.5%	771	0.7%	56.0	-0.1%	67,573	0.6%	4,034	5.6%	71,607	0.6%
	2027	24,535	0.5%	2,065	0.0%	11,879	0.5%	43,249	0.2%	776	0.6%	55.7	-0.4%	67,784	0.3%	4,046	5.6%	71,830	0.3%
	2028	24,633	0.4%	2,065	0.0%	11,926	0.4%	43,286	0.1%	780	0.6%	55.5	-0.5%	67,919	0.2%	4,174	5.8%	72,093	0.4%
	2029	24,720	0.4%	2,065	0.0%	11,968	0.4%	43,300	0.0%	784	0.5%	55.2	-0.5%	68,020	0.1%	4,060	5.6%	72,080	0.0%
	2030	24,800	0.3%	2,065	0.0%	12,007	0.3%	43,306	0.0%	788	0.5%	54.9	-0.5%	68,106	0.1%	4,065	5.6%	72,171	0.1%
	2031	24,888	0.4%	2,065	0.0%	12,049	0.4%	43,308	0.0%	792	0.5%	54.7	-0.5%	68,196	0.1%	4,071	5.6%	72,266	0.1%
	2032	24,976	0.4%	2,065	0.0%	12,092	0.4%	43,310	0.0%	796	0.5%	54.4	-0.5%	68,286	0.1%	4,197	5.8%	72,483	0.3%
	2033	25,089	0.5%	2,065	0.0%	12,147	0.5%	43,310	0.0%	800	0.5%	54.1	-0.5%	68,399	0.2%	4,083	5.6%	72,481	0.0%
	2034	25,212	0.5%	2,065	0.0%	12,207	0.5%	43,310	0.0%	804	0.5%	53.9	-0.5%	68,522	0.2%	4,090	5.6%	72,612	0.2%
	2035	25,311	0.4%	2,065	0.0%	12,254	0.4%	43,310	0.0%	807	0.5%	53.7	-0.4%	68,621	0.1%	4,096	5.6%	72,717	0.1%
	2036	25,373	0.2%	2,065	0.0%	12,284	0.2%	43,310	0.0%	811	0.4%	53.4	-0.4%	68,683	0.1%	4,221	5.8%	72,904	0.3%
	2037	25,430	0.2%	2,065	0.0%	12,312	0.2%	43,310	0.0%	814	0.4%	53.2	-0.4%	68,740	0.1%	4,103	5.6%	72,843	-0.1%
	2038	25,520	0.4%	2,065	0.0%	12,356	0.4%	43,310	0.0%	818	0.4%	53.0	-0.4%	68,830	0.1%	4,108	5.6%	72,938	0.1%
	2039	25,632	0.4%	2,065	0.0%	12,410	0.4%	43,310	0.0%	821	0.4%	52.7	-0.4%	68,942	0.2%	4,115	5.6%	73,057	0.2%
	2040	25,741	0.4%	2,065	0.0%	12,463	0.4%	43,310	0.0%	825	0.4%	52.5	-0.4%	69,051	0.2%	4,244	5.8%	73,295	0.3%
CAGR	2011-2020		-0.4%		0.5%		-1.0%		-1.4%		-0.2%		-1.2%		-1.0%		5.8%		-1.1%
	2021-2030		0.2%		0.0%		0.3%		0.9%		1.0%		0.0%		0.7%		5.7%		0.7%
	2031-2040		0.4%		0.0%		0.4%		0.0%		0.4%		-0.4%		0.1%		5.7%		0.2%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - Mild Weather Case

Starke

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	75,725	-	72,658	-	-4.1%	16.1	-	16.2	-	0.5%	13.0	-	14.2		9.7%
	2012	69,269	-8.5%	70,186	-3.4%	1.3%	15.1	-5.9%	14.1	-13.1%	-7.2%	14.7	13.1%	13.4	-6.1%	-8.9%
	2013	68,678	-0.9%	69,175	-1.4%	0.7%	12.7	-16.2%	13.2	-6.3%	3.7%	15.1	2.7%	15.3	14.6%	1.6%
	2014	69,954	1.9%	70,429	1.8%	0.7%	13.7	7.9%	14.5	10.2%	5.9%	15.2	1.1%	15.5	1.1%	1.6%
	2015	71,692	2.5%	70,430	0.0%	-1.8%	15.2	10.7%	15.5	6.6%	2.0%	15.6	2.0%	16.4	6.0%	5.6%
	2016	73,334	2.3%	71,519	1.5%	-2.5%	12.5	-17.9%	14.7	-4.7%	18.3%	15.5	-0.5%	15.4	-6.3%	-0.6%
	2017	70,003	-4.5%	70,881	-0.9%	1.3%	11.4	-8.4%	13.8	-6.6%	20.7%	14.1	-8.9%	15.1	-2.1%	6.8%
	2018	71,738	2.5%	69,129	-2.5%	-3.6%	16.4	44.1%	16.0	16.2%	-2.7%	15.2	7.7%	14.9	-1.4%	-2.3%
	2019	71,042	-1.0%	68,508	-0.9%	-3.6%	11.0	-32.9%	14.8	-7.7%	33.7%	14.7	-3.6%	14.9	0.2%	1.5%
	2020	68,514	-3.6%	68,729	0.3%	0.3%	11.3	2.7%	14.5	-1.7%	28.0%	14.1	-4.0%	15.2	2.0%	7.8%
Projected	2021	65,240	-4.8%	65,240	-5.1%		12.4	9.5%	12.4	-14.5%		13.4	-5.0%	13.4	-11.9%	
	2022			65,954	1.1%				12.6	1.4%				13.5	1.0%	
	2023			66,584	1.0%				12.7	0.8%				13.7	1.0%	
	2024			67,464	1.3%				12.8	0.8%				13.8	1.1%	
	2025			67,947	0.7%				13.0	1.3%				13.9	0.7%	
	2026			68,275	0.5%				13.0	0.6%				14.0	0.4%	
	2027			68,431	0.2%				13.1	0.3%				14.0	0.2%	
	2028			68,629	0.3%				13.0	-0.2%				14.0	0.1%	
	2029			68,573	-0.1%				13.1	0.4%				14.0	0.1%	
	2030			68,617	0.1%				13.1	0.1%				14.0	0.1%	
	2031			68,668	0.1%				13.1	0.1%				14.0	0.1%	
	2032			68,834	0.2%				13.1	-0.3%				14.0	0.1%	
	2033			68,799	-0.1%				13.1	0.5%				14.1	0.1%	
	2034			68,888	0.1%				13.2	0.1%				14.1	0.1%	
	2035			68,955	0.1%				13.2	0.1%				14.1	0.1%	
	2036			69,100	0.2%				13.1	-0.3%				14.1	0.0%	
	2037			69,016	-0.1%				13.2	0.4%				14.1	0.1%	
	2038			69,078	0.1%				13.2	0.1%				14.1	0.1%	
	2039			69,161	0.1%				13.2	0.1%				14.1	0.1%	
	2040			69,356	0.3%				13.2	-0.2%				14.2	0.1%	
CAGR [3]	2011-2020		-1.1%		-0.6%			-3.8%		-1.2%			0.9%		0.7%	
	2021-2030				0.6%					0.6%					0.5%	
	2031-2040				0.1%					0.1%					0.1%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Starke

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	75,725	-	75,725	-	16.8	16.0	16.8	16.0	16.1	13.0	16.1	13.0
	2012	69,269	-8.5%	69,269	-8.5%	15.1	14.9	15.1	14.9	15.1	14.7	15.1	14.7
	2013	68,678	-0.9%	68,678	-0.9%	13.5	15.2	13.5	15.2	12.7	15.1	12.7	15.1
	2014	69,954	1.9%	69,954	1.9%	15.0	15.3	15.0	15.3	13.7	15.2	13.7	15.2
	2015	71,692	2.5%	71,692	2.5%	15.2	15.7	15.2	15.7	15.2	15.6	15.2	15.6
	2016	73,334	2.3%	73,334	2.3%	14.5	15.6	14.5	15.6	12.5	15.5	12.5	15.5
	2017	70,003	-4.5%	70,003	-4.5%	14.4	15.3	14.4	15.3	11.4	14.1	11.4	14.1
	2018	71,738	2.5%	71,738	2.5%	16.5	15.2	16.5	15.2	16.4	15.2	16.4	15.2
	2019	71,042	-1.0%	71,042	-1.0%	13.7	15.2	13.7	15.2	11.0	14.7	11.0	14.7
	2020	68,514	-3.6%	66,526	-6.4%	13.2	14.8	13.3	14.2	11.3	14.1	12.8	13.5
Projected	2021	65,240	-4.8%	66,532	0.0%	12.9	14.1	13.4	14.2	12.4	13.4	12.9	13.6
	2022	65,954	1.1%	66,937	0.6%	13.1	14.2	13.4	14.3	12.6	13.5	12.9	13.7
	2023	66,584	1.0%	67,401	0.7%	13.2	14.4	13.5	14.4	12.7	13.7	13.0	13.8
	2024	67,464	1.3%	67,976	0.9%	13.3	14.5	13.6	14.5	12.8	13.8	13.1	13.9
	2025	67,947	0.7%	68,366	0.6%	13.4	14.6	13.7	14.6	13.0	13.9	13.2	14.0
	2026	68,275	0.5%	68,825	0.7%	13.5	14.7	13.8	14.7	13.0	14.0	13.3	14.0
	2027	68,431	0.2%	69,188	0.5%	13.6	14.7	13.9	14.8	13.1	14.0	13.4	14.1
	2028	68,629	0.3%	69,603	0.6%	13.5	14.7	13.9	14.9	13.0	14.0	13.4	14.2
	2029	68,573	-0.1%	69,768	0.2%	13.6	14.7	14.0	14.9	13.1	14.0	13.5	14.2
	2030	68,617	0.1%	70,030	0.4%	13.6	14.7	14.1	15.0	13.1	14.0	13.6	14.3
	2031	68,668	0.1%	70,270	0.3%	13.6	14.7	14.1	15.0	13.1	14.0	13.6	14.3
	2032	68,834	0.2%	70,606	0.5%	13.6	14.8	14.1	15.1	13.1	14.0	13.6	14.4
	2033	68,799	-0.1%	70,730	0.2%	13.6	14.8	14.2	15.1	13.1	14.1	13.7	14.4
	2034	68,888	0.1%	70,962	0.3%	13.6	14.8	14.3	15.2	13.2	14.1	13.7	14.5
	2035	68,955	0.1%	71,173	0.3%	13.7	14.8	14.3	15.2	13.2	14.1	13.8	14.5
	2036	69,100	0.2%	71,473	0.4%	13.6	14.8	14.3	15.3	13.1	14.1	13.8	14.5
	2037	69,016	-0.1%	71,531	0.1%	13.7	14.8	14.4	15.3	13.2	14.1	13.8	14.6
	2038	69,078	0.1%	71,713	0.3%	13.7	14.8	14.4	15.3	13.2	14.1	13.9	14.6
	2039	69,161	0.1%	71,906	0.3%	13.7	14.9	14.4	15.4	13.2	14.1	13.9	14.7
	2040	69,356	0.3%			13.7	14.9			13.2	14.2		
CAGR[1]	Historical		-1.1%		-0.8%	-2.7%	-0.9%	-2.6%	-0.7%	-3.6%	-0.5%	-4.4%	0.0%
	1st 10 Prj Yrs		0.6%		0.5%	0.6%	0.5%	0.6%	0.6%	0.6%	0.5%	0.6%	0.6%
	2nd 10 Prj Yrs		0.1%		0.3%	0.1%	0.1%	0.3%	0.3%	0.1%	0.1%	0.3%	0.3%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Starke

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	75,725	-	72,658	-	-4.1%	16.1	-	16.2	-	0.5%	13.0	-	14.2		9.7%
	2012	69,269	-8.5%	70,186	-3.4%	1.3%	15.1	-5.9%	14.1	-13.1%	-7.2%	14.7	13.1%	13.4	-6.1%	-8.9%
	2013	68,678	-0.9%	69,175	-1.4%	0.7%	12.7	-16.2%	13.2	-6.3%	3.7%	15.1	2.7%	15.3	14.6%	1.6%
	2014	69,954	1.9%	70,429	1.8%	0.7%	13.7	7.9%	14.5	10.2%	5.9%	15.2	1.1%	15.5	1.1%	1.6%
	2015	71,692	2.5%	70,430	0.0%	-1.8%	15.2	10.7%	15.5	6.6%	2.0%	15.6	2.0%	16.4	6.0%	5.6%
	2016	73,334	2.3%	71,519	1.5%	-2.5%	12.5	-17.9%	14.7	-4.7%	18.3%	15.5	-0.5%	15.4	-6.3%	-0.6%
	2017	70,003	-4.5%	70,881	-0.9%	1.3%	11.4	-8.4%	13.8	-6.6%	20.7%	14.1	-8.9%	15.1	-2.1%	6.8%
	2018	71,738	2.5%	69,129	-2.5%	-3.6%	16.4	44.1%	16.0	16.2%	-2.7%	15.2	7.7%	14.9	-1.4%	-2.3%
	2019	71,042	-1.0%	68,508	-0.9%	-3.6%	11.0	-32.9%	14.8	-7.7%	33.7%	14.7	-3.6%	14.9	0.2%	1.5%
	2020	68,514	-3.6%	68,866	0.5%	0.5%	11.3	2.7%	14.5	-1.7%	28.0%	14.1	-4.0%	15.2	2.0%	7.8%
Projected	2021	65,209	-4.8%	65,209	-5.3%		12.4	9.5%	12.4	-14.5%		13.4	-5.0%	13.4	-11.9%	
	2022			65,908	1.1%				12.6	1.4%				13.5	1.0%	
	2023			66,523	0.9%				12.7	0.8%				13.6	1.0%	
	2024			67,387	1.3%				12.8	0.8%				13.8	1.1%	
	2025			67,852	0.7%				13.0	1.3%				13.9	0.7%	
	2026			68,156	0.4%				13.0	0.6%				13.9	0.3%	
	2027			68,285	0.2%				13.1	0.3%				14.0	0.1%	
	2028			68,456	0.2%				13.0	-0.2%				14.0	0.1%	
	2029			68,370	-0.1%				13.1	0.4%				14.0	0.0%	
	2030			68,384	0.0%				13.1	0.1%				14.0	0.0%	
	2031			68,415	0.0%				13.1	0.1%				14.0	0.0%	
	2032			68,560	0.2%				13.1	-0.3%				14.0	0.1%	
	2033			68,503	-0.1%				13.1	0.5%				14.0	0.1%	
	2034			68,606	0.1%				13.2	0.1%				14.0	0.2%	
	2035			68,649	0.1%				13.2	0.1%				14.0	0.0%	
	2036			68,777	0.2%				13.1	-0.3%				14.0	0.0%	
	2037			68,667	-0.2%				13.2	0.4%				14.0	0.0%	
	2038			68,702	0.1%				13.2	0.1%				14.0	0.1%	
	2039			68,768	0.1%				13.2	0.1%				14.0	0.1%	
	2040			68,944	0.3%				13.2	-0.2%				14.1	0.1%	
CAGR [3]	2011-2020		-1.1%		-0.6%			-3.8%		-1.2%			0.9%		0.7%	
	2021-2030				0.5%					0.6%					0.5%	
	2031-2040				0.1%					0.1%					0.1%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Starke

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	75,725	-	72,658	-	-4.1%	16.8	-	51.3%	16.0	-	53.9%
	2012	69,269	-8.5%	70,186	-3.4%	1.3%	15.1	-10.1%	52.2%	14.9	-6.9%	53.0%
	2013	68,678	-0.9%	69,175	-1.4%	0.7%	13.5	-10.8%	58.0%	15.2	2.0%	51.5%
	2014	69,954	1.9%	70,429	1.8%	0.7%	15.0	11.0%	53.3%	15.3	0.5%	52.2%
	2015	71,692	2.5%	70,430	0.0%	-1.8%	15.2	1.1%	54.0%	15.7	2.6%	52.2%
	2016	73,334	2.3%	71,519	1.5%	-2.5%	14.5	-4.4%	57.7%	15.6	-0.4%	53.6%
	2017	70,003	-4.5%	70,881	-0.9%	1.3%	14.4	-0.9%	55.6%	15.3	-2.3%	52.3%
	2018	71,738	2.5%	69,129	-2.5%	-3.6%	16.5	14.9%	49.6%	15.2	-0.5%	53.9%
	2019	71,042	-1.0%	68,508	-0.9%	-3.6%	13.7	-17.2%	59.4%	15.2	0.0%	53.4%
	2020	68,514	-3.6%	68,866	0.5%	0.5%	13.2	-3.6%	59.4%	14.8	-2.3%	52.7%
Projected	2021	65,209	-4.8%	65,209	-5.3%		12.9	-2.2%	57.8%	14.1	-5.3%	53.0%
	2022	65,908	1.1%	65,908	1.1%		13.1	1.4%	57.6%	14.2	1.0%	53.0%
	2023	66,523	0.9%	66,523	0.9%		13.2	0.8%	57.7%	14.3	1.0%	53.0%
	2024	67,387	1.3%	67,387	1.3%		13.3	0.8%	58.0%	14.5	1.1%	53.1%
	2025	67,852	0.7%	67,852	0.7%		13.4	1.3%	57.6%	14.6	0.7%	53.1%
	2026	68,156	0.4%	68,156	0.4%		13.5	0.6%	57.6%	14.6	0.3%	53.1%
	2027	68,285	0.2%	68,285	0.2%		13.6	0.3%	57.5%	14.7	0.1%	53.2%
	2028	68,456	0.2%	68,456	0.2%		13.5	-0.2%	57.8%	14.7	0.1%	53.2%
	2029	68,370	-0.1%	68,370	-0.1%		13.6	0.4%	57.4%	14.7	0.0%	53.2%
	2030	68,384	0.0%	68,384	0.0%		13.6	0.1%	57.4%	14.7	0.0%	53.2%
	2031	68,415	0.0%	68,415	0.0%		13.6	0.1%	57.4%	14.7	0.0%	53.2%
	2032	68,560	0.2%	68,560	0.2%		13.6	-0.3%	57.7%	14.7	0.1%	53.3%
	2033	68,503	-0.1%	68,503	-0.1%		13.6	0.5%	57.4%	14.7	0.1%	53.2%
	2034	68,606	0.1%	68,606	0.1%		13.6	0.1%	57.4%	14.7	0.2%	53.2%
	2035	68,649	0.1%	68,649	0.1%		13.7	0.1%	57.3%	14.7	0.0%	53.2%
	2036	68,777	0.2%	68,777	0.2%		13.6	-0.3%	57.6%	14.7	0.0%	53.3%
	2037	68,667	-0.2%	68,667	-0.2%		13.7	0.4%	57.3%	14.7	0.0%	53.2%
	2038	68,702	0.1%	68,702	0.1%		13.7	0.1%	57.3%	14.8	0.1%	53.2%
	2039	68,768	0.1%	68,768	0.1%		13.7	0.1%	57.3%	14.8	0.1%	53.2%
	2040	68,944	0.3%	68,944	0.3%		13.7	-0.2%	57.5%	14.8	0.1%	53.3%
CAGR [1]	2011-2020		-1.1%		-0.6%			-2.7%	55.1%		-0.9%	52.9%
	2021-2030		0.5%		0.5%			0.6%	57.6%		0.5%	53.1%
	2031-2040		0.1%		0.1%			0.1%	57.4%		0.1%	53.2%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case

Starke

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	6,378	5,077	5,152	5,612	6,503	7,214	7,448	7,965	6,690	5,335	4,917	5,188	73,481	75,725
	2012	5,543	4,782	5,162	5,262	6,236	6,296	7,226	6,868	6,454	5,647	4,927	5,288	69,690	69,269
	2013	5,104	4,768	5,291	5,058	5,657	6,574	6,705	7,159	6,501	5,654	4,878	5,181	68,528	68,678
	2014	6,373	4,827	5,084	5,043	5,941	6,516	7,006	7,176	6,275	5,474	5,154	5,360	70,229	69,954
	2015	5,736	5,304	5,191	5,407	6,308	6,955	7,191	7,160	6,452	5,582	5,323	5,389	71,998	71,692
	2016	5,989	5,322	5,174	5,079	6,196	7,123	7,764	7,606	6,788	5,591	4,878	5,173	72,683	73,334
	2017	5,333	4,520	5,235	5,463	6,392	6,510	7,282	7,424	6,200	6,081	4,801	5,454	70,696	70,003
	2018	6,766	4,624	5,020	4,894	5,984	6,831	6,878	7,318	7,088	6,000	5,018	5,285	71,705	71,738
	2019	5,619	4,449	4,858	5,076	6,647	6,825	7,041	7,436	6,788	6,018	4,788	5,063	70,608	71,042
	2020	5,321	4,821	5,290	4,769	5,561	6,336	7,177	7,135	6,235	5,510	4,652	4,874	67,682	68,514
Projected	2021	4,909	4,227	4,895	4,867	5,830	6,110	6,634	6,650	6,048	5,471	4,759	4,949	65,350	65,209
	2022	4,971	4,278	4,966	4,920	5,894	6,174	6,699	6,716	6,111	5,521	4,803	4,993	66,046	65,908
	2023	5,009	4,312	5,007	4,969	5,952	6,232	6,766	6,784	6,176	5,586	4,861	5,050	66,704	66,523
	2024	5,060	4,471	5,071	5,024	6,022	6,308	6,833	6,854	6,245	5,642	4,912	5,104	67,547	67,387
	2025	5,109	4,402	5,117	5,069	6,072	6,356	6,882	6,901	6,287	5,677	4,941	5,133	67,946	67,852
	2026	5,136	4,424	5,141	5,091	6,097	6,380	6,907	6,924	6,306	5,693	4,954	5,146	68,198	68,156
	2027	5,148	4,434	5,150	5,100	6,107	6,390	6,917	6,933	6,314	5,700	4,959	5,152	68,303	68,285
	2028	5,154	4,551	5,154	5,103	6,112	6,394	6,921	6,938	6,317	5,703	4,961	5,156	68,464	68,456
	2029	5,158	4,441	5,156	5,105	6,114	6,396	6,923	6,940	6,318	5,703	4,961	5,158	68,372	68,370
	2030	5,160	4,443	5,157	5,105	6,115	6,397	6,925	6,941	6,319	5,706	4,963	5,161	68,392	68,384
Projected	2031	5,163	4,446	5,159	5,107	6,118	6,399	6,928	6,944	6,322	5,708	4,964	5,163	68,421	68,415
	2032	5,166	4,561	5,161	5,109	6,120	6,402	6,932	6,948	6,325	5,711	4,967	5,168	68,570	68,560
	2033	5,171	4,453	5,164	5,112	6,125	6,408	6,938	6,955	6,331	5,719	4,974	5,176	68,526	68,503
	2034	5,180	4,459	5,172	5,120	6,134	6,417	6,949	6,966	6,340	5,724	4,978	5,181	68,619	68,606
	2035	5,185	4,464	5,175	5,122	6,137	6,420	6,952	6,969	6,342	5,726	4,979	5,183	68,655	68,649
	2036	5,187	4,578	5,176	5,123	6,138	6,421	6,953	6,969	6,342	5,725	4,978	5,183	68,775	68,777
	2037	5,188	4,466	5,176	5,123	6,139	6,421	6,954	6,970	6,343	5,726	4,979	5,186	68,671	68,667
	2038	5,191	4,469	5,178	5,125	6,142	6,425	6,958	6,976	6,348	5,731	4,983	5,192	68,717	68,702
	2039	5,197	4,474	5,183	5,129	6,147	6,431	6,965	6,982	6,353	5,736	4,987	5,197	68,781	68,768
	2040	5,203	4,592	5,187	5,133	6,153	6,436	6,972	6,989	6,359	5,741	4,992	5,203	68,960	68,944

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	8.7%	6.9%	7.0%	7.6%	8.9%	9.8%	10.1%	10.8%	9.1%	7.3%	6.7%	7.1%	100.0%
	2012	8.0%	6.9%	7.4%	7.5%	8.9%	9.0%	10.4%	9.9%	9.3%	8.1%	7.1%	7.6%	100.0%
	2013	7.4%	7.0%	7.7%	7.4%	8.3%	9.6%	9.8%	10.4%	9.5%	8.3%	7.1%	7.6%	100.0%
	2014	9.1%	6.9%	7.2%	7.2%	8.5%	9.3%	10.0%	10.2%	8.9%	7.8%	7.3%	7.6%	100.0%
	2015	8.0%	7.4%	7.2%	7.5%	8.8%	9.7%	10.0%	9.9%	9.0%	7.8%	7.4%	7.5%	100.0%
	2016	8.2%	7.3%	7.1%	7.0%	8.5%	9.8%	10.7%	10.5%	9.3%	7.7%	6.7%	7.1%	100.0%
	2017	7.5%	6.4%	7.4%	7.7%	9.0%	9.2%	10.3%	10.5%	8.8%	8.6%	6.8%	7.7%	100.0%
	2018	9.4%	6.4%	7.0%	6.8%	8.3%	9.5%	9.6%	10.2%	9.9%	8.4%	7.0%	7.4%	100.0%
	2019	8.0%	6.3%	6.9%	7.2%	9.4%	9.7%	10.0%	10.5%	9.6%	8.5%	6.8%	7.2%	100.0%
	2020	7.9%	7.1%	7.8%	7.0%	8.2%	9.4%	10.6%	10.5%	9.2%	8.1%	6.9%	7.2%	100.0%
Projected	2021	7.5%	6.5%	7.5%	7.4%	8.9%	9.3%	10.2%	10.2%	9.3%	8.4%	7.3%	7.6%	100.0%
	2022	7.5%	6.5%	7.5%	7.4%	8.9%	9.3%	10.1%	10.2%	9.3%	8.4%	7.3%	7.6%	100.0%
	2023	7.5%	6.5%	7.5%	7.4%	8.9%	9.3%	10.1%	10.2%	9.3%	8.4%	7.3%	7.6%	100.0%
	2024	7.5%	6.6%	7.5%	7.4%	8.9%	9.3%	10.1%	10.1%	9.2%	8.4%	7.3%	7.6%	100.0%
	2025	7.5%	6.5%	7.5%	7.5%	8.9%	9.4%	10.1%	10.2%	9.3%	8.4%	7.3%	7.6%	100.0%
	2026	7.5%	6.5%	7.5%	7.5%	8.9%	9.4%	10.1%	10.2%	9.2%	8.3%	7.3%	7.5%	100.0%
	2027	7.5%	6.5%	7.5%	7.5%	8.9%	9.4%	10.1%	10.2%	9.2%	8.3%	7.3%	7.5%	100.0%
	2028	7.5%	6.6%	7.5%	7.5%	8.9%	9.3%	10.1%	10.1%	9.2%	8.3%	7.2%	7.5%	100.0%
	2029	7.5%	6.5%	7.5%	7.5%	8.9%	9.4%	10.1%	10.1%	9.2%	8.3%	7.3%	7.5%	100.0%
	2030	7.5%	6.5%	7.5%	7.5%	8.9%	9.4%	10.1%	10.1%	9.2%	8.3%	7.3%	7.5%	100.0%
Avg.	2011-2020	8.2%	6.9%	7.3%	7.3%	8.7%	9.5%	10.1%	10.4%	9.3%	8.0%	7.0%	7.4%	100.0%
	2021-2030	7.5%	6.5%	7.5%	7.5%	8.9%	9.3%	10.1%	10.2%	9.2%	8.4%	7.3%	7.6%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Mild Weather Case

Starke

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	16.8	13.2	9.7	13.1	14.4	15.7	15.5	16.0	14.0	11.8	10.1	10.8	16.8	16.0
	2012	15.1	14.8	10.4	11.9	13.7	13.9	14.9	14.2	14.0	13.0	11.2	11.7	15.1	14.9
	2013	11.3	13.5	12.7	11.2	12.5	14.6	14.3	15.2	14.8	12.3	10.9	11.4	13.5	15.2
	2014	15.0	12.5	10.3	12.3	13.2	14.4	14.4	15.3	14.2	12.4	14.4	12.0	15.0	15.3
	2015	14.0	15.2	10.1	11.9	14.0	15.7	15.1	15.1	14.1	12.3	12.7	10.0	15.2	15.7
	2016	14.5	14.0	11.3	12.2	14.0	15.1	15.5	15.6	13.8	12.2	10.3	10.9	14.5	15.6
	2017	14.4	10.4	13.2	13.5	14.2	14.3	14.7	15.3	13.9	13.6	10.0	12.7	14.4	15.3
	2018	16.5	10.2	11.5	10.5	12.7	14.5	14.5	15.2	15.1	13.5	11.3	12.6	16.5	15.2
	2019	13.7	10.2	10.6	11.2	14.8	14.7	14.9	15.2	14.4	12.7	10.7	11.8	13.7	15.2
	2020	13.2	11.5	11.3	11.5	13.0	14.4	14.7	14.8	14.5	12.2	9.1	10.6	13.2	14.8
Projected	2021	12.9	11.5	9.7	10.9	12.6	13.5	13.7	14.1	13.1	11.6	9.2	10.8	12.9	14.1
	2022	13.1	11.7	9.8	11.0	12.7	13.6	13.9	14.2	13.3	11.7	9.3	10.9	13.1	14.2
	2023	13.2	11.7	9.9	11.1	12.8	13.7	14.0	14.3	13.4	11.8	9.4	10.9	13.2	14.3
	2024	13.3	11.8	10.0	11.2	13.0	13.9	14.1	14.5	13.5	11.9	9.5	11.1	13.3	14.5
	2025	13.4	12.0	10.1	11.3	13.1	14.0	14.2	14.6	13.6	12.0	9.6	11.1	13.4	14.6
	2026	13.5	12.1	10.2	11.4	13.1	14.0	14.3	14.6	13.7	12.1	9.6	11.2	13.5	14.6
	2027	13.6	12.1	10.2	11.4	13.1	14.1	14.3	14.7	13.7	12.1	9.6	11.1	13.6	14.7
	2028	13.5	12.1	10.2	11.4	13.1	14.1	14.3	14.7	13.7	12.1	9.6	11.2	13.5	14.7
	2029	13.6	12.1	10.2	11.4	13.2	14.1	14.3	14.7	13.7	12.1	9.6	11.2	13.6	14.7
	2030	13.6	12.1	10.2	11.4	13.2	14.1	14.3	14.7	13.7	12.1	9.6	11.2	13.6	14.7
Projected	2031	13.6	12.1	10.3	11.4	13.2	14.1	14.3	14.7	13.7	12.1	9.6	11.2	13.6	14.7
	2032	13.6	12.1	10.2	11.4	13.2	14.1	14.3	14.7	13.7	12.1	9.6	11.2	13.6	14.7
	2033	13.6	12.2	10.3	11.4	13.2	14.1	14.4	14.7	13.7	12.1	9.6	11.3	13.6	14.7
	2034	13.6	12.2	10.3	11.4	13.2	14.1	14.4	14.7	13.8	12.2	9.7	11.3	13.6	14.7
	2035	13.7	12.2	10.3	11.4	13.2	14.1	14.4	14.7	13.8	12.2	9.6	11.2	13.7	14.7
	2036	13.6	12.2	10.3	11.5	13.2	14.1	14.4	14.7	13.8	12.2	9.7	11.3	13.6	14.7
	2037	13.7	12.2	10.3	11.5	13.2	14.1	14.4	14.7	13.8	12.2	9.7	11.3	13.7	14.7
	2038	13.7	12.2	10.3	11.5	13.2	14.1	14.4	14.8	13.8	12.2	9.7	11.3	13.7	14.8
	2039	13.7	12.2	10.3	11.5	13.2	14.2	14.4	14.8	13.8	12.2	9.7	11.3	13.7	14.8
	2040	13.7	12.2	10.3	11.5	13.3	14.2	14.4	14.8	13.8	12.2	9.8	11.4	13.7	14.8

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	50.9%	57.3%	71.7%	59.5%	60.6%	63.7%	64.6%	66.8%	66.3%	60.8%	67.4%	64.8%	49.8%	53.9%
	2012	49.2%	46.4%	66.5%	61.3%	61.4%	63.1%	65.1%	65.1%	63.8%	58.5%	61.1%	60.6%	52.5%	53.0%
	2013	60.8%	52.5%	56.0%	63.0%	60.7%	62.4%	63.0%	63.2%	60.9%	61.9%	62.0%	61.1%	57.9%	51.5%
	2014	57.1%	57.6%	66.1%	56.7%	60.5%	63.0%	65.3%	63.0%	61.2%	59.2%	49.8%	60.0%	53.5%	52.2%
	2015	55.2%	52.1%	69.1%	63.1%	60.6%	61.6%	63.9%	63.9%	63.5%	60.8%	58.4%	72.6%	54.2%	52.2%
	2016	55.5%	54.6%	61.5%	57.6%	59.6%	65.6%	67.2%	65.4%	68.4%	61.7%	65.8%	64.0%	57.2%	53.6%
	2017	49.9%	64.9%	53.4%	56.3%	60.3%	63.0%	66.5%	65.3%	61.8%	60.2%	66.4%	57.8%	56.2%	52.3%
	2018	55.1%	67.2%	58.7%	64.9%	63.3%	65.5%	63.9%	64.7%	65.0%	59.7%	61.8%	56.4%	49.6%	53.9%
	2019	55.3%	65.0%	61.7%	63.1%	60.2%	64.7%	63.4%	65.8%	65.4%	63.6%	62.0%	57.8%	59.0%	53.4%
	2020	54.3%	60.2%	62.7%	57.6%	57.3%	61.2%	65.6%	64.6%	59.6%	60.6%	71.0%	61.7%	58.7%	52.7%
Projected	2021	51.2%	54.7%	67.7%	62.0%	62.3%	63.0%	65.0%	63.6%	64.0%	63.5%	71.7%	61.8%	57.9%	53.0%
	2022	51.2%	54.6%	67.8%	62.1%	62.4%	63.0%	65.0%	63.6%	64.0%	63.4%	71.7%	61.8%	57.8%	53.0%
	2023	51.1%	54.6%	67.8%	62.1%	62.3%	63.0%	65.0%	63.6%	64.0%	63.6%	72.0%	62.1%	57.8%	53.0%
	2024	51.3%	54.3%	68.2%	62.1%	62.4%	63.0%	64.9%	63.6%	64.0%	63.5%	71.8%	61.9%	58.1%	53.1%
	2025	51.1%	54.6%	67.9%	62.2%	62.4%	63.1%	64.9%	63.6%	64.0%	63.4%	71.9%	61.9%	57.7%	53.1%
	2026	51.1%	54.6%	67.8%	62.2%	62.5%	63.1%	64.9%	63.5%	64.0%	63.4%	71.8%	61.9%	57.6%	53.1%
	2027	51.1%	54.5%	67.7%	62.2%	62.5%	63.1%	64.9%	63.5%	64.0%	63.4%	72.1%	62.1%	57.5%	53.2%
	2028	51.2%	54.2%	67.9%	62.2%	62.5%	63.1%	64.9%	63.5%	64.0%	63.3%	71.8%	61.9%	57.8%	53.2%
	2029	51.0%	54.5%	67.7%	62.2%	62.5%	63.1%	64.9%	63.5%	64.0%	63.3%	71.7%	61.9%	57.4%	53.2%
	2030	51.0%	54.5%	67.6%	62.2%	62.5%	63.1%	64.9%	63.5%	64.0%	63.3%	71.7%	61.9%	57.4%	53.2%
Avg.	2011-2020	54.3%	57.8%	62.7%	60.3%	60.5%	63.3%	64.8%	64.8%	63.6%	60.7%	62.6%	61.7%	54.9%	52.9%
	2021-2030	51.1%	54.5%	67.8%	62.1%	62.4%	63.1%	64.9%	63.6%	64.0%	63.4%	71.8%	61.9%	57.7%	53.1%

FMPA 2021 Load Forecast - Mild Weather Case

Starke

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	16.1	12.4	9.2	13.1	14.2	15.3	14.9	13.0	13.6	11.8	10.1	8.6	16.1	13.0
	2012	15.1	14.5	9.6	11.7	13.1	13.7	14.7	12.3	12.5	13.0	8.7	11.7	15.1	14.7
	2013	11.3	13.2	12.7	11.1	12.0	13.9	14.1	15.1	14.8	12.3	9.4	8.8	12.7	15.1
	2014	13.7	12.5	8.9	12.3	13.0	13.8	13.3	15.2	13.8	11.5	14.4	11.7	13.7	15.2
	2015	14.0	15.2	10.0	11.7	13.8	15.6	14.1	15.1	13.7	12.2	12.5	9.9	15.2	15.6
	2016	14.0	14.0	11.3	12.2	13.9	14.9	15.5	15.6	13.3	10.2	10.3	9.3	12.5	15.5
	2017	13.8	10.4	11.4	13.5	14.2	14.0	14.6	14.1	11.0	13.2	10.0	12.6	11.4	14.1
	2018	16.4	9.9	9.6	8.6	12.7	12.8	13.9	15.2	14.6	13.4	11.0	12.6	16.4	15.2
	2019	11.7	9.0	9.4	11.2	14.6	14.7	14.5	13.7	14.4	12.1	10.5	8.2	11.0	14.7
	2020	13.1	9.0	11.3	11.5	12.6	14.1	14.1	14.5	13.9	11.8	8.6	9.6	11.3	14.1
Projected	2021	12.4	11.0	9.0	10.7	12.3	13.1	13.3	13.4	12.5	11.2	8.7	9.8	12.4	13.4
	2022	12.6	11.1	9.2	10.8	12.5	13.2	13.4	13.5	12.6	11.3	8.8	9.8	12.6	13.5
	2023	12.7	11.2	9.2	10.9	12.6	13.3	13.5	13.6	12.7	11.4	8.9	9.9	12.7	13.6
	2024	12.8	11.3	9.3	11.0	12.7	13.5	13.7	13.8	12.8	11.5	9.0	10.0	12.8	13.8
	2025	13.0	11.4	9.4	11.1	12.8	13.6	13.8	13.9	12.9	11.6	9.0	10.1	13.0	13.9
	2026	13.0	11.5	9.5	11.1	12.9	13.6	13.8	13.9	13.0	11.6	9.0	10.1	13.0	13.9
	2027	13.1	11.5	9.5	11.1	12.9	13.6	13.8	14.0	13.0	11.7	9.0	10.1	13.1	14.0
	2028	13.0	11.5	9.5	11.1	12.9	13.6	13.8	14.0	13.0	11.7	9.1	10.1	13.0	14.0
	2029	13.1	11.6	9.5	11.1	12.9	13.6	13.8	14.0	13.0	11.7	9.1	10.2	13.1	14.0
	2030	13.1	11.6	9.5	11.1	12.9	13.6	13.8	14.0	13.0	11.7	9.1	10.2	13.1	14.0
Projected	2031	13.1	11.6	9.5	11.2	12.9	13.6	13.9	14.0	13.0	11.7	9.1	10.1	13.1	14.0
	2032	13.1	11.5	9.5	11.2	12.9	13.7	13.9	14.0	13.0	11.7	9.1	10.2	13.1	14.0
	2033	13.1	11.6	9.6	11.2	12.9	13.7	13.9	14.0	13.0	11.7	9.1	10.2	13.1	14.0
	2034	13.2	11.6	9.6	11.2	13.0	13.7	13.9	14.0	13.1	11.7	9.1	10.2	13.2	14.0
	2035	13.2	11.6	9.6	11.2	13.0	13.7	13.9	14.0	13.1	11.7	9.1	10.2	13.2	14.0
	2036	13.1	11.6	9.6	11.2	13.0	13.7	13.9	14.0	13.1	11.7	9.1	10.2	13.1	14.0
	2037	13.2	11.6	9.6	11.2	13.0	13.7	13.9	14.0	13.1	11.7	9.1	10.2	13.2	14.0
	2038	13.2	11.6	9.6	11.2	13.0	13.7	13.9	14.0	13.1	11.8	9.2	10.2	13.2	14.0
	2039	13.2	11.7	9.6	11.2	13.0	13.7	13.9	14.0	13.1	11.8	9.1	10.2	13.2	14.0
	2040	13.2	11.6	9.6	11.2	13.0	13.7	13.9	14.1	13.1	11.8	9.2	10.3	13.2	14.1

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	95.6%	93.9%	95.5%	100.0%	98.7%	97.1%	96.0%	80.9%	97.0%	100.0%	100.0%	80.4%	95.5%	80.9%
	2012	100.0%	98.0%	91.6%	98.5%	95.9%	98.6%	98.3%	86.4%	89.3%	100.0%	77.8%	100.0%	100.0%	98.3%
	2013	100.0%	97.4%	100.0%	99.5%	96.1%	95.2%	98.7%	99.0%	99.7%	100.0%	86.1%	77.4%	94.0%	99.0%
	2014	91.3%	100.0%	86.0%	100.0%	98.8%	96.0%	92.3%	99.7%	97.3%	92.2%	100.0%	97.7%	91.3%	99.7%
	2015	100.0%	100.0%	98.8%	98.3%	98.4%	99.1%	93.4%	100.0%	97.3%	99.1%	98.3%	99.4%	100.0%	99.1%
	2016	96.8%	100.0%	100.0%	99.5%	99.6%	99.0%	99.7%	99.9%	96.7%	83.4%	99.7%	86.0%	85.9%	99.1%
	2017	95.8%	100.0%	86.5%	100.0%	99.7%	97.5%	98.9%	92.4%	79.2%	97.0%	100.0%	99.4%	79.4%	92.4%
	2018	99.6%	97.0%	83.3%	81.8%	99.7%	88.5%	95.9%	100.0%	96.3%	98.9%	98.0%	100.0%	99.6%	100.0%
	2019	85.7%	88.0%	89.2%	100.0%	98.3%	100.0%	97.3%	89.8%	100.0%	95.4%	98.1%	69.5%	80.8%	96.4%
	2020	99.3%	78.7%	100.0%	100.0%	96.3%	97.8%	95.6%	97.9%	95.7%	96.5%	94.5%	90.6%	86.1%	94.8%
Projected	2021	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2022	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2023	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2024	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2025	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2026	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2027	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2028	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.1%	94.8%	96.5%	94.5%	90.6%	96.4%	95.1%
	2029	96.4%	95.3%	93.1%	97.8%	98.1%	96.9%	96.6%	95.1%	94.8%	96.5%	94.5%	90.6%	96.4%	95.1%
	2030	96.4%	95.3%	93.1%	97.8%	98.1%	96.9%	96.6%	95.1%	94.8%	96.5%	94.5%	90.6%	96.4%	95.1%
	2011-2020	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	94.6%	94.9%	96.3%	95.3%	90.0%	91.3%	96.0%
	2021-2030	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%

FMPA 2021 Load Forecast - Mild Weather Case - Starke

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service						TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	25,428		1,969		12,915		45,518		735		62.0		70,946		4,779	6.3%	75,725	
	2012	21,911	-13.8%	1,948	-1.1%	11,251	-12.9%	43,294	-4.9%	741	0.8%	58.5	-5.6%	65,205	-8.1%	4,064	5.9%	69,269	-8.5%
	2013	21,836	-0.3%	1,945	-0.1%	11,227	-0.2%	42,904	-0.9%	740	0.0%	58.0	-0.9%	64,740	-0.7%	3,938	5.7%	68,678	-0.9%
	2014	22,560	3.3%	1,953	0.4%	11,550	2.9%	43,628	1.7%	762	3.0%	57.2	-1.2%	66,188	2.2%	3,766	5.4%	69,954	1.9%
	2015	23,291	3.2%	1,997	2.3%	11,661	1.0%	44,007	0.9%	760	-0.3%	57.9	1.1%	67,298	1.7%	4,394	6.1%	71,692	2.5%
	2016	24,071	3.3%	2,040	2.1%	11,800	1.2%	45,037	2.3%	735	-3.3%	61.3	5.8%	69,108	2.7%	4,226	5.8%	73,334	2.3%
	2017	22,850	-5.1%	2,053	0.6%	11,131	-5.7%	43,268	-3.9%	746	1.5%	58.0	-5.3%	66,118	-4.3%	3,885	5.5%	70,003	-4.5%
	2018	23,777	4.1%	2,024	-1.4%	11,745	5.5%	43,927	1.5%	765	2.6%	57.4	-1.1%	67,704	2.4%	4,034	5.6%	71,738	2.5%
	2019	24,212	1.8%	2,070	2.2%	11,697	-0.4%	42,967	-2.2%	733	-4.2%	58.6	2.1%	67,179	-0.8%	3,863	5.4%	71,042	-1.0%
	2020	24,446	1.0%	2,067	-0.2%	11,829	1.1%	40,102	-6.7%	722	-1.6%	55.6	-5.1%	64,548	-3.9%	3,966	5.8%	68,514	-3.6%
Projected	2021	22,787	-6.8%	2,072	0.2%	11,000	-7.0%	38,600	-3.7%	721	0.0%	53.5	-3.7%	61,387	-4.9%	3,853	5.9%	65,240	-4.8%
	2022	22,414	-1.6%	2,066	-0.3%	10,849	-1.4%	39,551	2.5%	733	1.6%	54.0	0.8%	61,965	0.9%	3,989	6.0%	65,954	1.1%
	2023	22,344	-0.3%	2,066	0.0%	10,817	-0.3%	40,213	1.7%	740	1.0%	54.3	0.7%	62,557	1.0%	4,027	6.0%	66,584	1.0%
	2024	22,262	-0.4%	2,065	0.0%	10,778	-0.4%	41,018	2.0%	746	0.7%	55.0	1.3%	63,280	1.2%	4,184	6.2%	67,464	1.3%
	2025	22,286	0.1%	2,065	0.0%	10,790	0.1%	41,552	1.3%	750	0.5%	55.4	0.8%	63,838	0.9%	4,109	6.0%	67,947	0.7%
	2026	22,370	0.4%	2,065	0.0%	10,831	0.4%	41,776	0.5%	753	0.4%	55.5	0.1%	64,146	0.5%	4,129	6.0%	68,275	0.5%
	2027	22,428	0.3%	2,065	0.0%	10,858	0.3%	41,865	0.2%	756	0.4%	55.4	-0.2%	64,293	0.2%	4,138	6.0%	68,431	0.2%
	2028	22,472	0.2%	2,065	0.0%	10,880	0.2%	41,901	0.1%	759	0.4%	55.2	-0.3%	64,373	0.1%	4,256	6.2%	68,629	0.3%
	2029	22,511	0.2%	2,065	0.0%	10,899	0.2%	41,915	0.0%	762	0.4%	55.0	-0.3%	64,426	0.1%	4,147	6.0%	68,573	-0.1%
	2030	22,547	0.2%	2,065	0.0%	10,916	0.2%	41,921	0.0%	764	0.4%	54.9	-0.3%	64,468	0.1%	4,149	6.0%	68,617	0.1%
	2031	22,593	0.2%	2,065	0.0%	10,939	0.2%	41,923	0.0%	767	0.3%	54.7	-0.3%	64,516	0.1%	4,152	6.0%	68,668	0.1%
	2032	22,642	0.2%	2,065	0.0%	10,962	0.2%	41,924	0.0%	769	0.3%	54.5	-0.3%	64,566	0.1%	4,268	6.2%	68,834	0.2%
	2033	22,714	0.3%	2,065	0.0%	10,997	0.3%	41,924	0.0%	772	0.3%	54.3	-0.3%	64,639	0.1%	4,160	6.0%	68,799	-0.1%
	2034	22,798	0.4%	2,065	0.0%	11,038	0.4%	41,924	0.0%	774	0.3%	54.1	-0.3%	64,722	0.1%	4,166	6.0%	68,888	0.1%
	2035	22,861	0.3%	2,065	0.0%	11,068	0.3%	41,924	0.0%	777	0.3%	54.0	-0.3%	64,785	0.1%	4,170	6.0%	68,955	0.1%
	2036	22,891	0.1%	2,065	0.0%	11,083	0.1%	41,924	0.0%	779	0.3%	53.8	-0.3%	64,815	0.0%	4,285	6.2%	69,100	0.2%
	2037	22,918	0.1%	2,065	0.0%	11,096	0.1%	41,924	0.0%	782	0.3%	53.6	-0.3%	64,843	0.0%	4,173	6.0%	69,016	-0.1%
	2038	22,976	0.3%	2,065	0.0%	11,124	0.3%	41,924	0.0%	784	0.3%	53.4	-0.3%	64,901	0.1%	4,177	6.0%	69,078	0.1%
	2039	23,055	0.3%	2,065	0.0%	11,162	0.3%	41,924	0.0%	787	0.3%	53.3	-0.3%	64,979	0.1%	4,182	6.0%	69,161	0.1%
	2040	23,131	0.3%	2,065	0.0%	11,199	0.3%	41,924	0.0%	789	0.3%	53.1	-0.3%	65,056	0.1%	4,301	6.2%	69,356	0.3%
CAGR	2011-2020		-0.4%		0.5%		-1.0%		-1.4%		-0.2%		-1.2%		-1.0%		5.8%		-1.1%
	2021-2030		-0.1%		0.0%		-0.1%		0.9%		0.6%		0.3%		0.5%		6.1%		0.6%
	2031-2040		0.3%		0.0%		0.3%		0.0%		0.3%		-0.3%		0.1%		6.1%		0.1%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast - Severe Weather Case

Starke

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	75,725	-	72,658	-	-4.1%	16.1	-	16.2	-	0.5%	13.0	-	14.2		9.7%
	2012	69,269	-8.5%	70,186	-3.4%	1.3%	15.1	-5.9%	14.1	-13.1%	-7.2%	14.7	13.1%	13.4	-6.1%	-8.9%
	2013	68,678	-0.9%	69,175	-1.4%	0.7%	12.7	-16.2%	13.2	-6.3%	3.7%	15.1	2.7%	15.3	14.6%	1.6%
	2014	69,954	1.9%	70,429	1.8%	0.7%	13.7	7.9%	14.5	10.2%	5.9%	15.2	1.1%	15.5	1.1%	1.6%
	2015	71,692	2.5%	70,430	0.0%	-1.8%	15.2	10.7%	15.5	6.6%	2.0%	15.6	2.0%	16.4	6.0%	5.6%
	2016	73,334	2.3%	71,519	1.5%	-2.5%	12.5	-17.9%	14.7	-4.7%	18.3%	15.5	-0.5%	15.4	-6.3%	-0.6%
	2017	70,003	-4.5%	70,881	-0.9%	1.3%	11.4	-8.4%	13.8	-6.6%	20.7%	14.1	-8.9%	15.1	-2.1%	6.8%
	2018	71,738	2.5%	69,129	-2.5%	-3.6%	16.4	44.1%	16.0	16.2%	-2.7%	15.2	7.7%	14.9	-1.4%	-2.3%
	2019	71,042	-1.0%	68,508	-0.9%	-3.6%	11.0	-32.9%	14.8	-7.7%	33.7%	14.7	-3.6%	14.9	0.2%	1.5%
	2020	68,514	-3.6%	68,729	0.3%	0.3%	11.3	2.7%	14.5	-1.7%	28.0%	14.1	-4.0%	15.2	2.0%	7.8%
Projected	2021	70,919	3.5%	70,919	3.2%		14.9	31.4%	14.9	2.7%		14.8	5.4%	14.8	-2.2%	
	2022			71,694	1.1%				15.1	1.2%				15.0	1.0%	
	2023			72,356	0.9%				15.2	0.8%				15.1	1.0%	
	2024			73,289	1.3%				15.3	0.7%				15.3	1.1%	
	2025			73,796	0.7%				15.5	1.3%				15.4	0.7%	
	2026			74,150	0.5%				15.6	0.6%				15.5	0.4%	
	2027			74,319	0.2%				15.6	0.3%				15.5	0.2%	
	2028			74,540	0.3%				15.6	-0.2%				15.5	0.1%	
	2029			74,476	-0.1%				15.7	0.5%				15.5	0.1%	
	2030			74,526	0.1%				15.7	0.1%				15.5	0.1%	
	2031			74,584	0.1%				15.7	0.1%				15.5	0.1%	
	2032			74,772	0.3%				15.6	-0.3%				15.6	0.1%	
	2033			74,732	-0.1%				15.7	0.5%				15.6	0.1%	
	2034			74,834	0.1%				15.7	0.2%				15.6	0.1%	
	2035			74,909	0.1%				15.8	0.1%				15.6	0.1%	
	2036			75,074	0.2%				15.7	-0.3%				15.6	0.0%	
	2037			74,979	-0.1%				15.8	0.4%				15.6	0.1%	
	2038			75,049	0.1%				15.8	0.1%				15.7	0.1%	
	2039			75,144	0.1%				15.8	0.1%				15.7	0.1%	
	2040			75,365	0.3%				15.8	-0.3%				15.7	0.1%	
CAGR [3]	2011-2020		-1.1%		-0.6%			-3.8%		-1.2%			0.9%		0.7%	
	2021-2030				0.6%					0.6%					0.5%	
	2031-2040				0.1%					0.1%					0.1%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Starke

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
	Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	75,725	-	75,725	-	16.8	16.0	16.8	16.0	16.1	13.0	16.1	13.0
	2012	69,269	-8.5%	69,269	-8.5%	15.1	14.9	15.1	14.9	15.1	14.7	15.1	14.7
	2013	68,678	-0.9%	68,678	-0.9%	13.5	15.2	13.5	15.2	12.7	15.1	12.7	15.1
	2014	69,954	1.9%	69,954	1.9%	15.0	15.3	15.0	15.3	13.7	15.2	13.7	15.2
	2015	71,692	2.5%	71,692	2.5%	15.2	15.7	15.2	15.7	15.2	15.6	15.2	15.6
	2016	73,334	2.3%	73,334	2.3%	14.5	15.6	14.5	15.6	12.5	15.5	12.5	15.5
	2017	70,003	-4.5%	70,003	-4.5%	14.4	15.3	14.4	15.3	11.4	14.1	11.4	14.1
	2018	71,738	2.5%	71,738	2.5%	16.5	15.2	16.5	15.2	16.4	15.2	16.4	15.2
	2019	71,042	-1.0%	71,042	-1.0%	13.7	15.2	13.7	15.2	11.0	14.7	11.0	14.7
	2020	68,514	-3.6%	72,022	1.4%	13.2	14.8	15.8	15.7	11.3	14.1	15.2	15.0
Projected	2021	70,919	3.5%	72,042	0.0%	15.5	15.6	15.8	15.8	14.9	14.8	15.3	15.0
	2022	71,694	1.1%	72,478	0.6%	15.6	15.8	15.9	15.9	15.1	15.0	15.3	15.1
	2023	72,356	0.9%	72,979	0.7%	15.8	15.9	16.0	16.0	15.2	15.1	15.5	15.2
	2024	73,289	1.3%	73,606	0.9%	15.9	16.1	16.1	16.1	15.3	15.3	15.5	15.3
	2025	73,796	0.7%	74,027	0.6%	16.1	16.2	16.3	16.2	15.5	15.4	15.7	15.4
	2026	74,150	0.5%	74,525	0.7%	16.2	16.3	16.4	16.3	15.6	15.5	15.8	15.5
	2027	74,319	0.2%	74,915	0.5%	16.2	16.3	16.5	16.4	15.6	15.5	15.9	15.6
	2028	74,540	0.3%	75,363	0.6%	16.2	16.3	16.5	16.5	15.6	15.5	15.9	15.7
	2029	74,476	-0.1%	75,533	0.2%	16.3	16.3	16.6	16.5	15.7	15.5	16.0	15.7
	2030	74,526	0.1%	75,811	0.4%	16.3	16.3	16.7	16.6	15.7	15.5	16.1	15.8
	2031	74,584	0.1%	76,067	0.3%	16.3	16.3	16.7	16.6	15.7	15.5	16.1	15.9
	2032	74,772	0.3%	76,429	0.5%	16.2	16.4	16.7	16.7	15.6	15.6	16.1	15.9
	2033	74,732	-0.1%	76,558	0.2%	16.3	16.4	16.8	16.7	15.7	15.6	16.2	16.0
	2034	74,834	0.1%	76,807	0.3%	16.3	16.4	16.9	16.8	15.7	15.6	16.3	16.0
	2035	74,909	0.1%	77,032	0.3%	16.4	16.4	16.9	16.8	15.8	15.6	16.3	16.0
	2036	75,074	0.2%	77,354	0.4%	16.3	16.4	16.9	16.9	15.7	15.6	16.3	16.1
	2037	74,979	-0.1%	77,409	0.1%	16.4	16.4	17.0	16.9	15.8	15.6	16.4	16.1
	2038	75,049	0.1%	77,603	0.3%	16.4	16.4	17.1	17.0	15.8	15.7	16.4	16.2
	2039	75,144	0.1%	77,809	0.3%	16.4	16.5	17.1	17.0	15.8	15.7	16.5	16.2
	2040	75,365	0.3%			16.4	16.5			15.8	15.7		
CAGR[1]	Historical		-1.1%		-0.8%	-2.7%	-0.9%	-2.6%	-0.7%	-3.6%	-0.5%	-4.4%	0.0%
	1st 10 Prj Yrs		0.6%		0.5%	0.6%	0.5%	0.6%	0.6%	0.6%	0.5%	0.6%	0.6%
	2nd 10 Prj Yrs		0.1%		0.3%	0.1%	0.1%	0.3%	0.3%	0.1%	0.1%	0.3%	0.3%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Starke

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
	Year	Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	75,725	-	72,658	-	-4.1%	16.1	-	16.2	-	0.5%	13.0	-	14.2		9.7%
	2012	69,269	-8.5%	70,186	-3.4%	1.3%	15.1	-5.9%	14.1	-13.1%	-7.2%	14.7	13.1%	13.4	-6.1%	-8.9%
	2013	68,678	-0.9%	69,175	-1.4%	0.7%	12.7	-16.2%	13.2	-6.3%	3.7%	15.1	2.7%	15.3	14.6%	1.6%
	2014	69,954	1.9%	70,429	1.8%	0.7%	13.7	7.9%	14.5	10.2%	5.9%	15.2	1.1%	15.5	1.1%	1.6%
	2015	71,692	2.5%	70,430	0.0%	-1.8%	15.2	10.7%	15.5	6.6%	2.0%	15.6	2.0%	16.4	6.0%	5.6%
	2016	73,334	2.3%	71,519	1.5%	-2.5%	12.5	-17.9%	14.7	-4.7%	18.3%	15.5	-0.5%	15.4	-6.3%	-0.6%
	2017	70,003	-4.5%	70,881	-0.9%	1.3%	11.4	-8.4%	13.8	-6.6%	20.7%	14.1	-8.9%	15.1	-2.1%	6.8%
	2018	71,738	2.5%	69,129	-2.5%	-3.6%	16.4	44.1%	16.0	16.2%	-2.7%	15.2	7.7%	14.9	-1.4%	-2.3%
	2019	71,042	-1.0%	68,508	-0.9%	-3.6%	11.0	-32.9%	14.8	-7.7%	33.7%	14.7	-3.6%	14.9	0.2%	1.5%
	2020	68,514	-3.6%	68,866	0.5%	0.5%	11.3	2.7%	14.5	-1.7%	28.0%	14.1	-4.0%	15.2	2.0%	7.8%
Projected	2021	70,888	3.5%	70,888	2.9%		14.9	31.4%	14.9	2.7%		14.8	5.4%	14.8	-2.3%	
	2022			71,649	1.1%				15.1	1.2%				15.0	1.0%	
	2023			72,295	0.9%				15.2	0.8%				15.1	1.0%	
	2024			73,212	1.3%				15.3	0.7%				15.3	1.0%	
	2025			73,701	0.7%				15.5	1.3%				15.4	0.7%	
	2026			74,031	0.4%				15.6	0.6%				15.4	0.3%	
	2027			74,174	0.2%				15.6	0.3%				15.5	0.1%	
	2028			74,367	0.3%				15.6	-0.2%				15.5	0.1%	
	2029			74,273	-0.1%				15.7	0.5%				15.5	0.0%	
	2030			74,293	0.0%				15.7	0.1%				15.5	0.0%	
	2031			74,331	0.1%				15.7	0.1%				15.5	0.0%	
	2032			74,497	0.2%				15.6	-0.3%				15.5	0.1%	
	2033			74,437	-0.1%				15.7	0.5%				15.5	0.1%	
	2034			74,551	0.2%				15.7	0.2%				15.5	0.2%	
	2035			74,604	0.1%				15.8	0.1%				15.5	0.1%	
	2036			74,750	0.2%				15.7	-0.3%				15.5	0.0%	
	2037			74,630	-0.2%				15.8	0.4%				15.5	0.0%	
	2038			74,674	0.1%				15.8	0.1%				15.6	0.1%	
	2039			74,750	0.1%				15.8	0.1%				15.6	0.1%	
	2040			74,952	0.3%				15.8	-0.3%				15.6	0.1%	
CAGR [3]	2011-2020		-1.1%		-0.6%			-3.8%		-1.2%			0.9%		0.7%	
	2021-2030				0.5%					0.6%					0.5%	
	2031-2040				0.1%					0.1%					0.1%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.
[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.
[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Starke

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
	Year	Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2011	75,725	-	72,658	-	-4.1%	16.8	-	51.3%	16.0	-	53.9%
	2012	69,269	-8.5%	70,186	-3.4%	1.3%	15.1	-10.1%	52.2%	14.9	-6.9%	53.0%
	2013	68,678	-0.9%	69,175	-1.4%	0.7%	13.5	-10.8%	58.0%	15.2	2.0%	51.5%
	2014	69,954	1.9%	70,429	1.8%	0.7%	15.0	11.0%	53.3%	15.3	0.5%	52.2%
	2015	71,692	2.5%	70,430	0.0%	-1.8%	15.2	1.1%	54.0%	15.7	2.6%	52.2%
	2016	73,334	2.3%	71,519	1.5%	-2.5%	14.5	-4.4%	57.7%	15.6	-0.4%	53.6%
	2017	70,003	-4.5%	70,881	-0.9%	1.3%	14.4	-0.9%	55.6%	15.3	-2.3%	52.3%
	2018	71,738	2.5%	69,129	-2.5%	-3.6%	16.5	14.9%	49.6%	15.2	-0.5%	53.9%
	2019	71,042	-1.0%	68,508	-0.9%	-3.6%	13.7	-17.2%	59.4%	15.2	0.0%	53.4%
	2020	68,514	-3.6%	68,729	0.3%	0.3%	13.2	-3.6%	59.4%	14.8	-2.3%	52.7%
Projected	2021	70,888	3.5%	70,888	3.1%		15.5	17.4%	52.3%	15.6	5.0%	51.9%
	2022	71,649	1.1%	71,649	1.1%		15.6	1.2%	52.3%	15.7	1.0%	52.0%
	2023	72,295	0.9%	72,295	0.9%		15.8	0.8%	52.3%	15.9	1.0%	51.9%
	2024	73,212	1.3%	73,212	1.3%		15.9	0.7%	52.7%	16.1	1.0%	52.0%
	2025	73,701	0.7%	73,701	0.7%		16.1	1.3%	52.3%	16.2	0.7%	52.0%
	2026	74,031	0.4%	74,031	0.4%		16.2	0.6%	52.3%	16.2	0.3%	52.1%
	2027	74,174	0.2%	74,174	0.2%		16.2	0.3%	52.2%	16.2	0.1%	52.1%
	2028	74,367	0.3%	74,367	0.3%		16.2	-0.2%	52.5%	16.3	0.1%	52.2%
	2029	74,273	-0.1%	74,273	-0.1%		16.3	0.5%	52.2%	16.3	0.0%	52.1%
	2030	74,293	0.0%	74,293	0.0%		16.3	0.1%	52.1%	16.3	0.0%	52.1%
	2031	74,331	0.1%	74,331	0.1%		16.3	0.1%	52.1%	16.3	0.0%	52.1%
	2032	74,497	0.2%	74,497	0.2%		16.2	-0.3%	52.4%	16.3	0.1%	52.2%
	2033	74,437	-0.1%	74,437	-0.1%		16.3	0.5%	52.1%	16.3	0.1%	52.1%
	2034	74,551	0.2%	74,551	0.2%		16.3	0.2%	52.1%	16.3	0.2%	52.1%
	2035	74,604	0.1%	74,604	0.1%		16.4	0.1%	52.1%	16.3	0.1%	52.1%
	2036	74,750	0.2%	74,750	0.2%		16.3	-0.3%	52.3%	16.3	0.0%	52.2%
	2037	74,630	-0.2%	74,630	-0.2%		16.4	0.4%	52.0%	16.3	0.0%	52.1%
	2038	74,674	0.1%	74,674	0.1%		16.4	0.1%	52.0%	16.4	0.1%	52.1%
	2039	74,750	0.1%	74,750	0.1%		16.4	0.1%	52.0%	16.4	0.1%	52.1%
	2040	74,952	0.3%	74,952	0.3%		16.4	-0.3%	52.3%	16.4	0.1%	52.2%
CAGR [1]	2011-2020		-1.1%		-0.6%			-2.7%	55.1%		-0.9%	52.9%
	2021-2030		0.5%		0.5%			0.6%	52.3%		0.5%	52.1%
	2031-2040		0.1%		0.1%			0.1%	52.1%		0.1%	52.1%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case

Starke

Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	6,378	5,077	5,152	5,612	6,503	7,214	7,448	7,965	6,690	5,335	4,917	5,188	73,481	75,725
	2012	5,543	4,782	5,162	5,262	6,236	6,296	7,226	6,868	6,454	5,647	4,927	5,288	69,690	69,269
	2013	5,104	4,768	5,291	5,058	5,657	6,574	6,705	7,159	6,501	5,654	4,878	5,181	68,528	68,678
	2014	6,373	4,827	5,084	5,043	5,941	6,516	7,006	7,176	6,275	5,474	5,154	5,360	70,229	69,954
	2015	5,736	5,304	5,191	5,407	6,308	6,955	7,191	7,160	6,452	5,582	5,323	5,389	71,998	71,692
	2016	5,989	5,322	5,174	5,079	6,196	7,123	7,764	7,606	6,788	5,591	4,878	5,173	72,683	73,334
	2017	5,333	4,520	5,235	5,463	6,392	6,510	7,282	7,424	6,200	6,081	4,801	5,454	70,696	70,003
	2018	6,766	4,624	5,020	4,894	5,984	6,831	6,878	7,318	7,088	6,000	5,018	5,285	71,705	71,738
	2019	5,619	4,449	4,858	5,076	6,647	6,825	7,041	7,436	6,788	6,018	4,788	5,063	70,608	71,042
	2020	5,321	4,821	5,290	4,769	5,561	6,336	7,177	7,135	6,235	5,510	4,652	5,664	68,472	68,514
Projected	2021	6,138	5,012	4,986	4,867	5,830	6,722	7,426	7,439	6,641	5,506	4,759	5,743	71,069	70,888
	2022	6,205	5,067	5,056	4,920	5,894	6,790	7,495	7,508	6,707	5,556	4,803	5,792	71,792	71,649
	2023	6,250	5,105	5,097	4,969	5,952	6,852	7,566	7,580	6,774	5,622	4,861	5,855	72,482	72,295
	2024	6,309	5,284	5,161	5,024	6,022	6,933	7,638	7,655	6,848	5,677	4,912	5,915	73,378	73,212
	2025	6,366	5,206	5,208	5,069	6,072	6,986	7,691	7,707	6,893	5,713	4,941	5,949	73,799	73,701
	2026	6,400	5,232	5,232	5,091	6,097	7,012	7,719	7,732	6,914	5,729	4,954	5,964	74,075	74,031
	2027	6,415	5,244	5,241	5,100	6,107	7,023	7,731	7,743	6,923	5,735	4,959	5,972	74,193	74,174
	2028	6,423	5,376	5,246	5,103	6,112	7,028	7,737	7,749	6,927	5,738	4,961	5,976	74,377	74,367
	2029	6,429	5,254	5,247	5,105	6,114	7,030	7,739	7,751	6,929	5,739	4,961	5,979	74,276	74,273
	2030	6,432	5,256	5,248	5,105	6,115	7,032	7,742	7,754	6,931	5,741	4,963	5,983	74,302	74,293
Projected	2031	6,437	5,260	5,250	5,107	6,118	7,035	7,745	7,758	6,934	5,743	4,964	5,986	74,337	74,331
	2032	6,441	5,390	5,252	5,109	6,120	7,039	7,751	7,763	6,938	5,747	4,967	5,992	74,509	74,497
	2033	6,448	5,269	5,256	5,112	6,125	7,045	7,758	7,771	6,945	5,755	4,974	6,001	74,461	74,437
	2034	6,459	5,277	5,265	5,120	6,134	7,056	7,771	7,784	6,956	5,760	4,978	6,008	74,566	74,551
	2035	6,466	5,283	5,268	5,122	6,137	7,060	7,776	7,788	6,958	5,762	4,979	6,011	74,610	74,604
	2036	6,470	5,412	5,269	5,123	6,138	7,061	7,777	7,789	6,959	5,761	4,978	6,011	74,749	74,750
	2037	6,471	5,286	5,269	5,123	6,139	7,062	7,778	7,791	6,960	5,763	4,979	6,014	74,635	74,630
	2038	6,476	5,290	5,271	5,125	6,142	7,066	7,785	7,797	6,966	5,768	4,983	6,022	74,690	74,674
	2039	6,485	5,297	5,276	5,129	6,147	7,073	7,793	7,806	6,973	5,772	4,987	6,029	74,766	74,750
	2040	6,493	5,430	5,280	5,133	6,153	7,080	7,801	7,814	6,980	5,778	4,992	6,036	74,970	74,952

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	8.7%	6.9%	7.0%	7.6%	8.9%	9.8%	10.1%	10.8%	9.1%	7.3%	6.7%	7.1%	100.0%
	2012	8.0%	6.9%	7.4%	7.5%	8.9%	9.0%	10.4%	9.9%	9.3%	8.1%	7.1%	7.6%	100.0%
	2013	7.4%	7.0%	7.7%	7.4%	8.3%	9.6%	9.8%	10.4%	9.5%	8.3%	7.1%	7.6%	100.0%
	2014	9.1%	6.9%	7.2%	7.2%	8.5%	9.3%	10.0%	10.2%	8.9%	7.8%	7.3%	7.6%	100.0%
	2015	8.0%	7.4%	7.2%	7.5%	8.8%	9.7%	10.0%	9.9%	9.0%	7.8%	7.4%	7.5%	100.0%
	2016	8.2%	7.3%	7.1%	7.0%	8.5%	9.8%	10.7%	10.5%	9.3%	7.7%	6.7%	7.1%	100.0%
	2017	7.5%	6.4%	7.4%	7.7%	9.0%	9.2%	10.3%	10.5%	8.8%	8.6%	6.8%	7.7%	100.0%
	2018	9.4%	6.4%	7.0%	6.8%	8.3%	9.5%	9.6%	10.2%	9.9%	8.4%	7.0%	7.4%	100.0%
	2019	8.0%	6.3%	6.9%	7.2%	9.4%	9.7%	10.0%	10.5%	9.6%	8.5%	6.8%	7.2%	100.0%
	2020	7.8%	7.0%	7.7%	7.0%	8.1%	9.3%	10.5%	10.4%	9.1%	8.0%	6.8%	8.3%	100.0%
Projected	2021	8.6%	7.1%	7.0%	6.8%	8.2%	9.5%	10.4%	10.5%	9.3%	7.7%	6.7%	8.1%	100.0%
	2022	8.6%	7.1%	7.0%	6.9%	8.2%	9.5%	10.4%	10.5%	9.3%	7.7%	6.7%	8.1%	100.0%
	2023	8.6%	7.0%	7.0%	6.9%	8.2%	9.5%	10.4%	10.5%	9.3%	7.8%	6.7%	8.1%	100.0%
	2024	8.6%	7.2%	7.0%	6.8%	8.2%	9.4%	10.4%	10.4%	9.3%	7.7%	6.7%	8.1%	100.0%
	2025	8.6%	7.1%	7.1%	6.9%	8.2%	9.5%	10.4%	10.4%	9.3%	7.7%	6.7%	8.1%	100.0%
	2026	8.6%	7.1%	7.1%	6.9%	8.2%	9.5%	10.4%	10.4%	9.3%	7.7%	6.7%	8.1%	100.0%
	2027	8.6%	7.1%	7.1%	6.9%	8.2%	9.5%	10.4%	10.4%	9.3%	7.7%	6.7%	8.0%	100.0%
	2028	8.6%	7.2%	7.1%	6.9%	8.2%	9.4%	10.4%	10.4%	9.3%	7.7%	6.7%	8.0%	100.0%
	2029	8.7%	7.1%	7.1%	6.9%	8.2%	9.5%	10.4%	10.4%	9.3%	7.7%	6.7%	8.0%	100.0%
	2030	8.7%	7.1%	7.1%	6.9%	8.2%	9.5%	10.4%	10.4%	9.3%	7.7%	6.7%	8.1%	100.0%
Avg.	2011-2020	8.2%	6.8%	7.3%	7.3%	8.7%	9.5%	10.1%	10.3%	9.2%	8.0%	7.0%	7.5%	100.0%
	2021-2030	8.6%	7.1%	7.0%	6.9%	8.2%	9.5%	10.4%	10.4%	9.3%	7.7%	6.7%	8.1%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2021 Load Forecast - Severe Weather Case

Starke

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	16.8	13.2	9.7	13.1	14.4	15.7	15.5	16.0	14.0	11.8	10.1	10.8	16.8	16.0
	2012	15.1	14.8	10.4	11.9	13.7	13.9	14.9	14.2	14.0	13.0	11.2	11.7	15.1	14.9
	2013	11.3	13.5	12.7	11.2	12.5	14.6	14.3	15.2	14.8	12.3	10.9	11.4	13.5	15.2
	2014	15.0	12.5	10.3	12.3	13.2	14.4	14.4	15.3	14.2	12.4	14.4	12.0	15.0	15.3
	2015	14.0	15.2	10.1	11.9	14.0	15.7	15.1	15.1	14.1	12.3	12.7	10.0	15.2	15.7
	2016	14.5	14.0	11.3	12.2	14.0	15.1	15.5	15.6	13.8	12.2	10.3	10.9	14.5	15.6
	2017	14.4	10.4	13.2	13.5	14.2	14.3	14.7	15.3	13.9	13.6	10.0	12.7	14.4	15.3
	2018	16.5	10.2	11.5	10.5	12.7	14.5	14.5	15.2	15.1	13.5	11.3	12.6	16.5	15.2
	2019	13.7	10.2	10.6	11.2	14.8	14.7	14.9	15.2	14.4	12.7	10.7	11.8	13.7	15.2
	2020	13.2	11.5	11.3	11.5	13.0	14.4	14.7	14.8	14.5	12.2	10.9	12.7	13.2	14.8
Projected	2021	15.5	13.8	11.7	12.1	14.0	15.0	15.2	15.6	14.6	12.8	11.1	12.9	15.5	15.6
	2022	15.6	14.0	11.8	12.2	14.1	15.1	15.4	15.7	14.7	13.0	11.1	13.0	15.6	15.7
	2023	15.8	14.1	11.9	12.3	14.2	15.2	15.5	15.9	14.8	13.1	11.2	13.1	15.8	15.9
	2024	15.9	14.2	12.0	12.5	14.4	15.4	15.7	16.1	15.0	13.2	11.4	13.3	15.9	16.1
	2025	16.1	14.4	12.1	12.5	14.5	15.5	15.8	16.2	15.1	13.3	11.4	13.3	16.1	16.2
	2026	16.2	14.4	12.2	12.6	14.5	15.6	15.8	16.2	15.2	13.4	11.5	13.4	16.2	16.2
	2027	16.2	14.5	12.2	12.6	14.6	15.6	15.9	16.2	15.2	13.4	11.4	13.3	16.2	16.2
	2028	16.2	14.4	12.2	12.6	14.6	15.6	15.9	16.3	15.2	13.4	11.5	13.4	16.2	16.3
	2029	16.3	14.5	12.3	12.6	14.6	15.6	15.9	16.3	15.2	13.4	11.5	13.4	16.3	16.3
	2030	16.3	14.5	12.3	12.6	14.6	15.6	15.9	16.3	15.2	13.4	11.5	13.4	16.3	16.3
Projected	2031	16.3	14.5	12.3	12.6	14.6	15.6	15.9	16.3	15.2	13.4	11.5	13.4	16.3	16.3
	2032	16.2	14.5	12.2	12.6	14.6	15.6	15.9	16.3	15.2	13.4	11.5	13.4	16.2	16.3
	2033	16.3	14.6	12.3	12.7	14.6	15.6	15.9	16.3	15.2	13.5	11.5	13.5	16.3	16.3
	2034	16.3	14.6	12.3	12.7	14.6	15.7	15.9	16.3	15.3	13.5	11.6	13.5	16.3	16.3
	2035	16.4	14.6	12.3	12.7	14.6	15.7	16.0	16.3	15.3	13.5	11.5	13.4	16.4	16.3
	2036	16.3	14.6	12.3	12.7	14.7	15.7	16.0	16.3	15.3	13.5	11.6	13.5	16.3	16.3
	2037	16.4	14.6	12.3	12.7	14.7	15.7	16.0	16.3	15.3	13.5	11.6	13.5	16.4	16.3
	2038	16.4	14.6	12.4	12.7	14.7	15.7	16.0	16.4	15.3	13.5	11.6	13.5	16.4	16.4
	2039	16.4	14.6	12.4	12.7	14.7	15.7	16.0	16.4	15.3	13.5	11.6	13.5	16.4	16.4
	2040	16.4	14.6	12.3	12.7	14.7	15.7	16.0	16.4	15.3	13.5	11.7	13.7	16.4	16.4

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	50.9%	57.3%	71.7%	59.5%	60.6%	63.7%	64.6%	66.8%	66.3%	60.8%	67.4%	64.8%	49.8%	52.3%
	2012	49.2%	46.4%	66.5%	61.3%	61.4%	63.1%	65.1%	65.1%	63.8%	58.5%	61.1%	60.6%	52.5%	53.3%
	2013	60.8%	52.5%	56.0%	63.0%	60.7%	62.4%	63.0%	63.2%	60.9%	61.9%	62.0%	61.1%	57.9%	51.4%
	2014	57.1%	57.6%	66.1%	56.7%	60.5%	63.0%	65.3%	63.0%	61.2%	59.2%	49.8%	60.0%	53.5%	52.4%
	2015	55.2%	52.1%	69.1%	63.1%	60.6%	61.6%	63.9%	63.9%	63.5%	60.8%	58.4%	72.6%	54.2%	52.4%
	2016	55.5%	54.6%	61.5%	57.6%	59.6%	65.6%	67.2%	65.4%	68.4%	61.7%	65.8%	64.0%	57.2%	53.1%
	2017	49.9%	64.9%	53.4%	56.3%	60.3%	63.0%	66.5%	65.3%	61.8%	60.2%	66.4%	57.8%	56.2%	52.8%
	2018	55.1%	67.2%	58.7%	64.9%	63.3%	65.5%	63.9%	64.7%	65.0%	59.7%	61.8%	56.4%	49.6%	53.9%
	2019	55.3%	65.0%	61.7%	63.1%	60.2%	64.7%	63.4%	65.8%	65.4%	63.6%	62.0%	57.8%	59.0%	53.0%
	2020	54.3%	60.2%	62.7%	57.6%	57.3%	61.2%	65.6%	64.6%	59.6%	60.6%	59.2%	59.7%	59.4%	52.7%
Projected	2021	53.4%	54.1%	57.5%	55.9%	56.2%	62.4%	65.6%	64.1%	63.3%	57.6%	59.8%	59.9%	52.5%	52.0%
	2022	53.3%	54.0%	57.6%	56.0%	56.2%	62.5%	65.6%	64.1%	63.3%	57.6%	59.9%	59.9%	52.4%	52.1%
	2023	53.3%	54.0%	57.6%	56.0%	56.2%	62.4%	65.5%	64.1%	63.4%	57.7%	60.2%	60.2%	52.5%	52.1%
	2024	53.4%	53.6%	58.0%	56.0%	56.3%	62.5%	65.5%	64.1%	63.4%	57.7%	60.0%	60.0%	52.8%	52.2%
	2025	53.2%	54.0%	57.7%	56.1%	56.4%	62.6%	65.5%	64.1%	63.4%	57.6%	60.1%	60.0%	52.4%	52.1%
	2026	53.2%	53.9%	57.7%	56.2%	56.4%	62.6%	65.5%	64.1%	63.3%	57.6%	60.1%	60.0%	52.3%	52.1%
	2027	53.2%	53.9%	57.6%	56.2%	56.4%	62.6%	65.5%	64.0%	63.3%	57.6%	60.3%	60.2%	52.2%	52.1%
	2028	53.4%	53.5%	57.8%	56.2%	56.4%	62.6%	65.5%	64.1%	63.3%	57.5%	60.0%	60.0%	52.5%	52.2%
	2029	53.2%	53.9%	57.5%	56.2%	56.4%	62.6%	65.5%	64.1%	63.3%	57.5%	60.0%	59.9%	52.2%	52.1%
	2030	53.1%	53.9%	57.5%	56.1%	56.4%	62.6%	65.5%	64.1%	63.3%	57.5%	59.9%	59.9%	52.1%	52.1%
Avg.	2011-2020	54.3%	57.8%	62.7%	60.3%	60.5%	63.3%	64.8%	64.8%	63.6%	60.7%	61.4%	61.5%	54.9%	52.7%
	2021-2030	53.3%	53.9%	57.7%	56.1%	56.3%	62.5%	65.5%	64.1%	63.3%	57.6%	60.0%	60.0%	52.4%	52.1%

FMPA 2021 Load Forecast - Severe Weather Case

Starke

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	16.1	12.4	9.2	13.1	14.2	15.3	14.9	13.0	13.6	11.8	10.1	8.6	16.1	13.0
	2012	15.1	14.5	9.6	11.7	13.1	13.7	14.7	12.3	12.5	13.0	8.7	11.7	15.1	14.7
	2013	11.3	13.2	12.7	11.1	12.0	13.9	14.1	15.1	14.8	12.3	9.4	8.8	12.7	15.1
	2014	13.7	12.5	8.9	12.3	13.0	13.8	13.3	15.2	13.8	11.5	14.4	11.7	13.7	15.2
	2015	14.0	15.2	10.0	11.7	13.8	15.6	14.1	15.1	13.7	12.2	12.5	9.9	15.2	15.6
	2016	14.0	14.0	11.3	12.2	13.9	14.9	15.5	15.6	13.3	10.2	10.3	9.3	12.5	15.5
	2017	13.8	10.4	11.4	13.5	14.2	14.0	14.6	14.1	11.0	13.2	10.0	12.6	11.4	14.1
	2018	16.4	9.9	9.6	8.6	12.7	12.8	13.9	15.2	14.6	13.4	11.0	12.6	16.4	15.2
	2019	11.7	9.0	9.4	11.2	14.6	14.7	14.5	13.7	14.4	12.1	10.5	8.2	11.0	14.7
	2020	13.1	9.0	11.3	11.5	12.6	14.1	14.1	14.5	13.9	11.8	10.3	11.5	11.3	14.1
Projected	2021	14.9	13.1	10.8	11.8	13.7	14.5	14.7	14.8	13.8	12.4	10.4	11.7	14.9	14.8
	2022	15.1	13.3	11.0	11.9	13.8	14.6	14.8	15.0	14.0	12.5	10.5	11.8	15.1	15.0
	2023	15.2	13.4	11.1	12.1	14.0	14.8	15.0	15.1	14.1	12.6	10.6	11.9	15.2	15.1
	2024	15.3	13.5	11.1	12.2	14.1	14.9	15.1	15.3	14.2	12.8	10.7	12.0	15.3	15.3
	2025	15.5	13.7	11.3	12.3	14.2	15.0	15.3	15.4	14.3	12.9	10.8	12.1	15.5	15.4
	2026	15.6	13.8	11.3	12.3	14.3	15.1	15.3	15.4	14.4	12.9	10.8	12.1	15.6	15.4
	2027	15.6	13.8	11.4	12.3	14.3	15.1	15.3	15.5	14.4	12.9	10.8	12.1	15.6	15.5
	2028	15.6	13.8	11.4	12.3	14.3	15.1	15.3	15.5	14.4	12.9	10.9	12.1	15.6	15.5
	2029	15.7	13.8	11.4	12.3	14.3	15.1	15.3	15.5	14.4	12.9	10.9	12.1	15.7	15.5
	2030	15.7	13.8	11.4	12.3	14.3	15.1	15.3	15.5	14.4	12.9	10.9	12.2	15.7	15.5
Projected	2031	15.7	13.8	11.4	12.4	14.3	15.1	15.4	15.5	14.4	13.0	10.8	12.1	15.7	15.5
	2032	15.6	13.8	11.4	12.4	14.3	15.1	15.4	15.5	14.4	13.0	10.9	12.2	15.6	15.5
	2033	15.7	13.9	11.4	12.4	14.3	15.1	15.4	15.5	14.4	13.0	10.9	12.2	15.7	15.5
	2034	15.7	13.9	11.5	12.4	14.4	15.2	15.4	15.5	14.5	13.0	10.9	12.2	15.7	15.5
	2035	15.8	13.9	11.5	12.4	14.4	15.2	15.4	15.5	14.5	13.0	10.9	12.2	15.8	15.5
	2036	15.7	13.9	11.4	12.4	14.4	15.2	15.4	15.5	14.5	13.0	10.9	12.2	15.7	15.5
	2037	15.8	13.9	11.5	12.4	14.4	15.2	15.4	15.5	14.5	13.0	10.9	12.2	15.8	15.5
	2038	15.8	13.9	11.5	12.4	14.4	15.2	15.4	15.6	14.5	13.0	11.0	12.3	15.8	15.6
	2039	15.8	14.0	11.5	12.4	14.4	15.2	15.4	15.6	14.5	13.0	10.9	12.2	15.8	15.6
	2040	15.8	13.9	11.5	12.5	14.4	15.2	15.5	15.6	14.5	13.1	11.1	12.4	15.8	15.6

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	95.6%	93.9%	95.5%	100.0%	98.7%	97.1%	96.0%	80.9%	97.0%	100.0%	100.0%	80.4%	95.5%	80.9%
	2012	100.0%	98.0%	91.6%	98.5%	95.9%	98.6%	98.3%	86.4%	89.3%	100.0%	77.8%	100.0%	100.0%	98.3%
	2013	100.0%	97.4%	100.0%	99.5%	96.1%	95.2%	98.7%	99.0%	99.7%	100.0%	86.1%	77.4%	94.0%	99.0%
	2014	91.3%	100.0%	86.0%	100.0%	98.8%	96.0%	92.3%	99.7%	97.3%	92.2%	100.0%	97.7%	91.3%	99.7%
	2015	100.0%	100.0%	98.8%	98.3%	98.4%	99.1%	93.4%	100.0%	97.3%	99.1%	98.3%	99.4%	100.0%	99.1%
	2016	96.8%	100.0%	100.0%	99.5%	99.6%	99.0%	99.7%	99.9%	96.7%	83.4%	99.7%	86.0%	85.9%	99.1%
	2017	95.8%	100.0%	86.5%	100.0%	99.7%	97.5%	98.9%	92.4%	79.2%	97.0%	100.0%	99.4%	79.4%	92.4%
	2018	99.6%	97.0%	83.3%	81.8%	99.7%	88.5%	95.9%	100.0%	96.3%	98.9%	98.0%	100.0%	99.6%	100.0%
	2019	85.7%	88.0%	89.2%	100.0%	98.3%	100.0%	97.3%	89.8%	100.0%	95.4%	98.1%	69.5%	80.8%	96.4%
	2020	99.3%	78.7%	100.0%	100.0%	96.3%	97.8%	95.6%	97.9%	95.7%	96.5%	94.5%	90.6%	86.1%	94.8%
Projected	2021	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2022	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2023	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2024	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2025	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2026	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2027	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2028	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2029	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.1%	94.8%	96.5%	94.5%	90.6%	96.4%	95.1%
	2030	96.4%	95.3%	93.1%	97.8%	98.1%	96.9%	96.6%	95.1%	94.8%	96.5%	94.5%	90.6%	96.4%	95.1%
	2011-2020	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	94.6%	94.9%	96.3%	95.3%	90.0%	91.3%	96.0%
	2021-2030	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%

FMPA 2021 Load Forecast - Severe Weather Case - Starke

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2011-2040)

		Residential						General Service						TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	25,428		1,969		12,915		45,518		735		62.0		70,946		4,779	6.3%	75,725	
	2012	21,911	-13.8%	1,948	-1.1%	11,251	-12.9%	43,294	-4.9%	741	0.8%	58.5	-5.6%	65,205	-8.1%	4,064	5.9%	69,269	-8.5%
	2013	21,836	-0.3%	1,945	-0.1%	11,227	-0.2%	42,904	-0.9%	740	0.0%	58.0	-0.9%	64,740	-0.7%	3,938	5.7%	68,678	-0.9%
	2014	22,560	3.3%	1,953	0.4%	11,550	2.9%	43,628	1.7%	762	3.0%	57.2	-1.2%	66,188	2.2%	3,766	5.4%	69,954	1.9%
	2015	23,291	3.2%	1,997	2.3%	11,661	1.0%	44,007	0.9%	760	-0.3%	57.9	1.1%	67,298	1.7%	4,394	6.1%	71,692	2.5%
	2016	24,071	3.3%	2,040	2.1%	11,800	1.2%	45,037	2.3%	735	-3.3%	61.3	5.8%	69,108	2.7%	4,226	5.8%	73,334	2.3%
	2017	22,850	-5.1%	2,053	0.6%	11,131	-5.7%	43,268	-3.9%	746	1.5%	58.0	-5.3%	66,118	-4.3%	3,885	5.5%	70,003	-4.5%
	2018	23,777	4.1%	2,024	-1.4%	11,745	5.5%	43,927	1.5%	765	2.6%	57.4	-1.1%	67,704	2.4%	4,034	5.6%	71,738	2.5%
	2019	24,212	1.8%	2,070	2.2%	11,697	-0.4%	42,967	-2.2%	733	-4.2%	58.6	2.1%	67,179	-0.8%	3,863	5.4%	71,042	-1.0%
	2020	24,446	1.0%	2,067	-0.2%	11,829	1.1%	40,102	-6.7%	722	-1.6%	55.6	-5.1%	64,548	-3.9%	3,966	5.8%	68,514	-3.6%
Projected	2021	26,002	6.4%	2,072	0.2%	12,552	6.1%	41,077	2.4%	721	0.0%	56.9	2.5%	67,079	3.9%	3,840	5.4%	70,919	3.5%
	2022	25,704	-1.1%	2,066	-0.3%	12,441	-0.9%	42,242	2.8%	733	1.6%	57.6	1.2%	67,945	1.3%	3,749	5.2%	71,694	1.1%
	2023	25,623	-0.3%	2,066	0.0%	12,405	-0.3%	42,948	1.7%	740	1.0%	58.0	0.7%	68,571	0.9%	3,784	5.2%	72,356	0.9%
	2024	25,530	-0.4%	2,065	0.0%	12,360	-0.4%	43,808	2.0%	746	0.7%	58.8	1.3%	69,337	1.1%	3,951	5.4%	73,289	1.3%
	2025	25,557	0.1%	2,065	0.0%	12,373	0.1%	44,379	1.3%	750	0.5%	59.2	0.8%	69,936	0.9%	3,860	5.2%	73,796	0.7%
	2026	25,654	0.4%	2,065	0.0%	12,420	0.4%	44,618	0.5%	753	0.4%	59.3	0.1%	70,272	0.5%	3,878	5.2%	74,150	0.5%
	2027	25,720	0.3%	2,065	0.0%	12,452	0.3%	44,713	0.2%	756	0.4%	59.1	-0.2%	70,433	0.2%	3,886	5.2%	74,319	0.2%
	2028	25,771	0.2%	2,065	0.0%	12,477	0.2%	44,752	0.1%	759	0.4%	59.0	-0.3%	70,523	0.1%	4,018	5.4%	74,540	0.3%
	2029	25,816	0.2%	2,065	0.0%	12,499	0.2%	44,766	0.0%	762	0.4%	58.8	-0.3%	70,582	0.1%	3,894	5.2%	74,476	-0.1%
	2030	25,857	0.2%	2,065	0.0%	12,518	0.2%	44,773	0.0%	764	0.4%	58.6	-0.3%	70,629	0.1%	3,897	5.2%	74,526	0.1%
	2031	25,910	0.2%	2,065	0.0%	12,544	0.2%	44,775	0.0%	767	0.3%	58.4	-0.3%	70,684	0.1%	3,900	5.2%	74,584	0.1%
	2032	25,965	0.2%	2,065	0.0%	12,571	0.2%	44,776	0.0%	769	0.3%	58.2	-0.3%	70,742	0.1%	4,030	5.4%	74,772	0.3%
	2033	26,049	0.3%	2,065	0.0%	12,611	0.3%	44,776	0.0%	772	0.3%	58.0	-0.3%	70,825	0.1%	3,908	5.2%	74,732	-0.1%
	2034	26,144	0.4%	2,065	0.0%	12,658	0.4%	44,776	0.0%	774	0.3%	57.8	-0.3%	70,921	0.1%	3,913	5.2%	74,834	0.1%
	2035	26,216	0.3%	2,065	0.0%	12,693	0.3%	44,776	0.0%	777	0.3%	57.6	-0.3%	70,993	0.1%	3,917	5.2%	74,909	0.1%
	2036	26,251	0.1%	2,065	0.0%	12,710	0.1%	44,776	0.0%	779	0.3%	57.4	-0.3%	71,028	0.0%	4,046	5.4%	75,074	0.2%
	2037	26,282	0.1%	2,065	0.0%	12,725	0.1%	44,776	0.0%	782	0.3%	57.3	-0.3%	71,059	0.0%	3,920	5.2%	74,979	-0.1%
	2038	26,349	0.3%	2,065	0.0%	12,757	0.3%	44,776	0.0%	784	0.3%	57.1	-0.3%	71,125	0.1%	3,924	5.2%	75,049	0.1%
	2039	26,439	0.3%	2,065	0.0%	12,800	0.3%	44,776	0.0%	787	0.3%	56.9	-0.3%	71,215	0.1%	3,929	5.2%	75,144	0.1%
	2040	26,527	0.3%	2,065	0.0%	12,843	0.3%	44,776	0.0%	789	0.3%	56.7	-0.3%	71,303	0.1%	4,062	5.4%	75,365	0.3%
CAGR	2011-2020		-0.4%		0.5%		-1.0%		-1.4%		-0.2%		-1.2%		-1.0%		5.8%		-1.1%
	2021-2030		-0.1%		0.0%		0.0%		1.0%		0.6%		0.3%		0.6%		5.3%		0.6%
	2031-2040		0.3%		0.0%		0.3%		0.0%		0.3%		-0.3%		0.1%		5.3%		0.1%

CAGR - Compound Average Growth Rate.