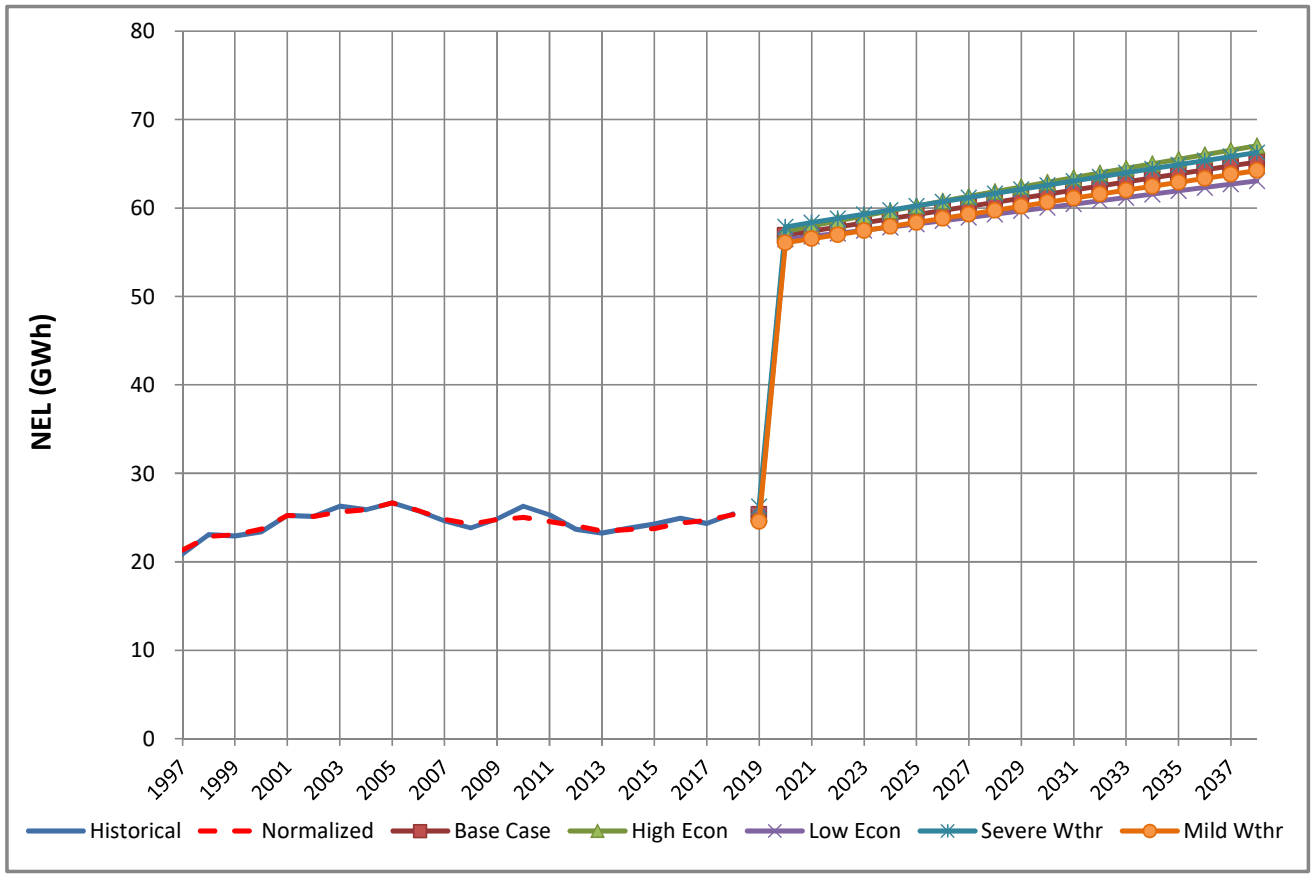
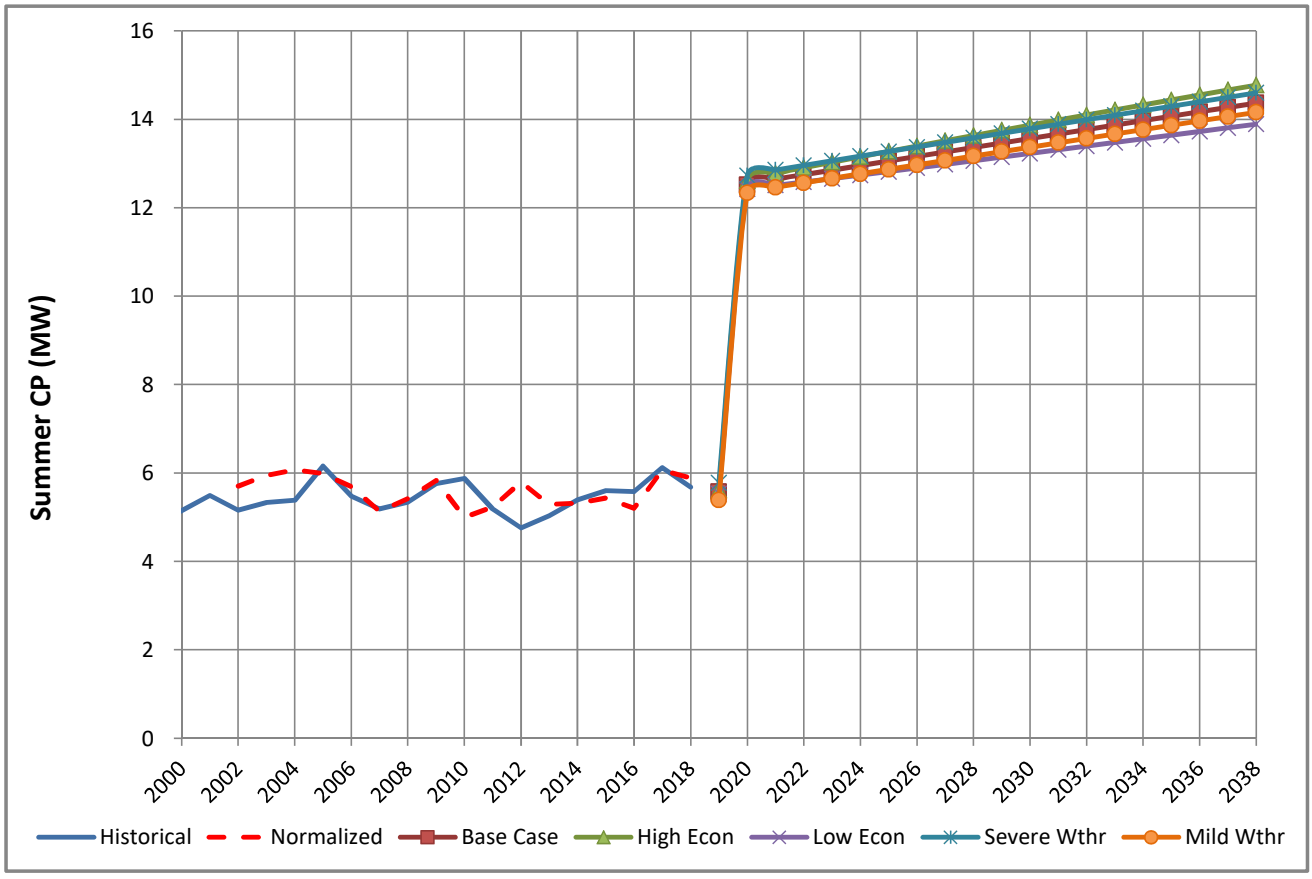
Appendix H
Scenario Results by Member

FMPA 2019 Load Forecast

Bushnell

Historical and Projected NEL and Annual Coincident Peak Demand





FMPA 2019 Load Forecast - Low Economic Case

Bushnell

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	24,837	-	24,762	-	-0.3%	6.7	-	5.9	-	-11.9%	5.8	-	5.8		1.3%
	2010	26,279	5.8%	25,002	1.0%	-4.9%	7.9	18.2%	6.4	8.7%	-19.0%	5.9	2.1%	5.0	-14.4%	-15.0%
	2011	25,311	-3.7%	24,549	-1.8%	-3.0%	7.0	-12.1%	7.1	10.5%	1.9%	5.2	-11.8%	5.1	3.0%	-0.8%
	2012	23,675	-6.5%	24,077	-1.9%	1.7%	5.5	-20.8%	5.6	-20.6%	2.2%	4.8	-8.3%	5.8	12.7%	21.9%
	2013	23,262	-1.7%	23,472	-2.5%	0.9%	5.8	4.2%	5.6	-1.3%	-3.2%	5.0	5.8%	5.3	-8.8%	5.0%
	2014	23,792	2.3%	23,634	0.7%	-0.7%	6.3	10.1%	6.8	22.4%	7.6%	5.4	7.1%	5.3	0.6%	-1.4%
	2015	24,259	2.0%	23,745	0.5%	-2.1%	6.7	5.7%	7.2	5.6%	7.5%	5.6	4.0%	5.4	2.3%	-2.9%
	2016	24,927	2.8%	24,366	2.6%	-2.3%	5.1	-23.2%	5.9	-18.6%	14.0%	5.6	-0.4%	5.2	-4.3%	-6.8%
	2017	24,334	-2.4%	24,690	1.3%	1.5%	4.1	-19.8%	5.6	-4.9%	35.1%	6.1	9.8%	6.1	16.6%	-1.0%
	2018	25,430	4.5%	25,319	2.5%	-0.4%	6.5	58.6%	7.7	38.9%	18.4%	5.7	-7.3%	5.9	-2.9%	3.7%
Projected	2019	25,230	-0.8%	25,230	-0.4%		6.5	-1.3%	6.5	-16.6%		5.5	-2.6%	5.5	-6.1%	
	2020			56,484	123.9%				14.5	124.7%				12.4	124.7%	
	2021			56,787	0.5%				14.6	0.7%				12.5	0.7%	
	2022			57,110	0.6%				14.7	0.6%				12.6	0.6%	
	2023			57,455	0.6%				14.8	0.6%				12.7	0.6%	
	2024			57,813	0.6%				14.9	0.6%				12.7	0.6%	
	2025			58,179	0.6%				15.0	0.6%				12.8	0.6%	
	2026			58,550	0.6%				15.1	0.6%				12.9	0.6%	
	2027			58,922	0.6%				15.2	0.6%				13.0	0.6%	
	2028			59,297	0.6%				15.3	0.6%				13.1	0.6%	
	2029			59,674	0.6%				15.4	0.6%				13.1	0.6%	
	2030			60,053	0.6%				15.4	0.6%				13.2	0.6%	
	2031			60,430	0.6%				15.5	0.6%				13.3	0.6%	
	2032			60,802	0.6%				15.6	0.6%				13.4	0.6%	
	2033			61,174	0.6%				15.7	0.6%				13.5	0.6%	
	2034			61,549	0.6%				15.8	0.6%				13.6	0.6%	
	2035			61,927	0.6%				15.9	0.6%				13.6	0.6%	
	2036			62,309	0.6%				16.0	0.6%				13.7	0.6%	
	2037			62,688	0.6%				16.1	0.6%				13.8	0.6%	
	2038			63,062	0.6%				16.2	0.6%				13.9	0.6%	
CAGR [3]	2009-2018		0.3%		0.2%			-0.3%		3.0%			-0.2%		0.1%	
	2019-2028				10.0%					10.0%					10.0%	
	2029-2038				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 2019 Load Forecast - Low Economic Case

Bushnell

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	24,837	-	24,762	-	-0.3%	7.1	-	39.9%	5.8	-	48.5%
	2010	26,279	5.8%	25,002	1.0%	-4.9%	8.0	12.9%	37.4%	6.0	3.0%	49.8%
	2011	25,311	-3.7%	24,549	-1.8%	-3.0%	7.2	-10.9%	40.4%	5.9	-2.1%	49.0%
	2012	23,675	-6.5%	24,077	-1.9%	1.7%	6.3	-12.1%	43.0%	5.6	-5.8%	48.7%
	2013	23,262	-1.7%	23,472	-2.5%	0.9%	5.8	-8.6%	46.2%	5.9	5.5%	45.3%
	2014	23,792	2.3%	23,634	0.7%	-0.7%	6.3	10.1%	42.9%	5.8	-1.5%	47.0%
	2015	24,259	2.0%	23,745	0.5%	-2.1%	6.7	5.7%	41.4%	5.8	0.4%	47.8%
	2016	24,927	2.8%	24,366	2.6%	-2.3%	6.0	-10.6%	47.5%	6.1	4.5%	47.0%
	2017	24,334	-2.4%	24,690	1.3%	1.5%	5.2	-13.1%	53.4%	6.1	1.1%	45.4%
	2018	25,430	4.5%	25,319	2.5%	-0.4%	6.8	31.1%	42.6%	5.9	-3.5%	49.1%
Projected	2019	25,230	-0.8%	25,230	-0.4%		6.6	-3.3%	43.7%	6.0	1.5%	48.0%
	2020	56,484	123.9%	56,484	123.9%		14.8	124.7%	43.5%	13.5	124.7%	47.8%
	2021	56,787	0.5%	56,787	0.5%		14.9	0.7%	43.4%	13.6	0.7%	47.7%
	2022	57,110	0.6%	57,110	0.6%		15.0	0.6%	43.4%	13.7	0.6%	47.7%
	2023	57,455	0.6%	57,455	0.6%		15.1	0.6%	43.4%	13.7	0.6%	47.7%
	2024	57,813	0.6%	57,813	0.6%		15.2	0.6%	43.4%	13.8	0.6%	47.7%
	2025	58,179	0.6%	58,179	0.6%		15.3	0.6%	43.4%	13.9	0.6%	47.7%
	2026	58,550	0.6%	58,550	0.6%		15.4	0.6%	43.4%	14.0	0.6%	47.7%
	2027	58,922	0.6%	58,922	0.6%		15.5	0.6%	43.4%	14.1	0.6%	47.7%
	2028	59,297	0.6%	59,297	0.6%		15.6	0.6%	43.4%	14.2	0.6%	47.7%
	2029	59,674	0.6%	59,674	0.6%		15.7	0.6%	43.4%	14.3	0.6%	47.7%
	2030	60,053	0.6%	60,053	0.6%		15.8	0.6%	43.4%	14.4	0.6%	47.7%
	2031	60,430	0.6%	60,430	0.6%		15.9	0.6%	43.4%	14.5	0.6%	47.7%
	2032	60,802	0.6%	60,802	0.6%		16.0	0.6%	43.4%	14.5	0.6%	47.7%
	2033	61,174	0.6%	61,174	0.6%		16.1	0.6%	43.4%	14.6	0.6%	47.7%
	2034	61,549	0.6%	61,549	0.6%		16.2	0.6%	43.4%	14.7	0.6%	47.7%
	2035	61,927	0.6%	61,927	0.6%		16.3	0.6%	43.4%	14.8	0.6%	47.7%
	2036	62,309	0.6%	62,309	0.6%		16.4	0.6%	43.4%	14.9	0.6%	47.7%
	2037	62,688	0.6%	62,688	0.6%		16.5	0.6%	43.4%	15.0	0.6%	47.7%
	2038	63,062	0.6%	63,062	0.6%		16.6	0.6%	43.4%	15.1	0.6%	47.7%
CAGR [1]	2009-2018		0.3%		0.2%			-0.5%	43.5%		0.1%	47.8%
	2019-2028		10.0%		10.0%			10.0%	43.5%		10.0%	47.8%
	2029-2038		0.6%		0.6%			0.6%	43.4%		0.6%	47.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Low Economic Case

Bushnell

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	1,991	1,820	1,854	1,824	2,125	2,355	2,408	2,554	2,427	2,214	1,674	1,884	25,132	24,837
	2010	2,546	2,108	1,916	1,722	2,349	2,504	2,458	2,565	2,338	1,894	1,673	2,560	26,633	26,279
	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	2,129	1,814	1,891	25,551	25,430
Projected	2019	2,167	1,770	1,885	1,900	2,147	2,273	2,379	2,572	2,303	4,572	3,963	4,414	32,346	25,230
	2020	4,980	4,146	4,839	4,425	4,411	4,940	5,456	5,400	4,937	4,592	3,982	4,438	56,547	56,484
	2021	5,006	4,168	4,867	4,450	4,435	4,968	5,487	5,429	4,964	4,618	4,005	4,463	56,861	56,787
	2022	5,034	4,192	4,896	4,477	4,460	4,996	5,518	5,459	4,993	4,645	4,029	4,491	57,189	57,110
	2023	5,064	4,217	4,927	4,504	4,487	5,026	5,551	5,492	5,023	4,674	4,054	4,519	57,537	57,455
	2024	5,095	4,243	4,958	4,533	4,514	5,057	5,586	5,526	5,054	4,703	4,080	4,548	57,897	57,813
	2025	5,127	4,269	4,991	4,563	4,543	5,089	5,621	5,560	5,086	4,733	4,106	4,577	58,264	58,179
	2026	5,160	4,297	5,023	4,592	4,571	5,121	5,657	5,595	5,118	4,763	4,132	4,607	58,636	58,550
	2027	5,192	4,324	5,056	4,622	4,600	5,154	5,693	5,629	5,150	4,793	4,159	4,636	59,008	58,922
	2028	5,225	4,351	5,090	4,652	4,629	5,186	5,729	5,664	5,182	4,823	4,185	4,666	59,384	59,297
Projected	2029	5,258	4,379	5,123	4,682	4,658	5,219	5,765	5,700	5,214	4,854	4,212	4,696	59,761	59,674
	2030	5,292	4,407	5,156	4,713	4,687	5,252	5,802	5,735	5,247	4,884	4,239	4,727	60,141	60,053
	2031	5,325	4,435	5,190	4,743	4,716	5,284	5,838	5,770	5,279	4,914	4,265	4,756	60,516	60,430
	2032	5,358	4,462	5,223	4,773	4,745	5,317	5,873	5,805	5,311	4,944	4,291	4,786	60,888	60,802
	2033	5,391	4,489	5,256	4,803	4,773	5,349	5,909	5,839	5,343	4,974	4,318	4,816	61,261	61,174
	2034	5,424	4,517	5,289	4,833	4,802	5,381	5,945	5,874	5,375	5,005	4,344	4,846	61,635	61,549
	2035	5,457	4,545	5,323	4,863	4,831	5,414	5,982	5,910	5,408	5,035	4,371	4,876	62,015	61,927
	2036	5,491	4,573	5,357	4,893	4,860	5,447	6,019	5,945	5,440	5,066	4,398	4,906	62,397	62,309
	2037	5,525	4,601	5,391	4,924	4,889	5,480	6,055	5,980	5,472	5,096	4,425	4,936	62,775	62,688
	2038	5,558	4,629	5,425	4,954	4,917	5,512	6,091	6,015	5,504	5,126	4,451	4,966	63,148	63,062

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	7.9%	7.2%	7.4%	7.3%	8.5%	9.4%	9.6%	10.2%	9.7%	8.8%	6.7%	7.5%	100.0%
	2010	9.6%	7.9%	7.2%	6.5%	8.8%	9.4%	9.2%	9.6%	8.8%	7.1%	6.3%	9.6%	100.0%
	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	9.0%	6.8%	7.2%	7.3%	8.5%	8.9%	9.0%	10.4%	10.1%	8.3%	7.1%	7.4%	100.0%
Projected	2019	6.7%	5.5%	5.8%	5.9%	6.6%	7.0%	7.4%	8.0%	7.1%	14.1%	12.3%	13.6%	100.0%
	2020	8.8%	7.3%	8.6%	7.8%	7.8%	8.7%	9.6%	9.5%	8.7%	8.1%	7.0%	7.8%	100.0%
	2021	8.8%	7.3%	8.6%	7.8%	7.8%	8.7%	9.6%	9.5%	8.7%	8.1%	7.0%	7.8%	100.0%
	2022	8.8%	7.3%	8.6%	7.8%	7.8%	8.7%	9.6%	9.5%	8.7%	8.1%	7.0%	7.9%	100.0%
	2023	8.8%	7.3%	8.6%	7.8%	7.8%	8.7%	9.6%	9.5%	8.7%	8.1%	7.0%	7.9%	100.0%
	2024	8.8%	7.3%	8.6%	7.8%	7.8%	8.7%	9.6%	9.5%	8.7%	8.1%	7.0%	7.9%	100.0%
	2025	8.8%	7.3%	8.6%	7.8%	7.8%	8.7%	9.6%	9.5%	8.7%	8.1%	7.0%	7.9%	100.0%
	2026	8.8%	7.3%	8.6%	7.8%	7.8%	8.7%	9.6%	9.5%	8.7%	8.1%	7.0%	7.9%	100.0%
	2027	8.8%	7.3%	8.6%	7.8%	7.8%	8.7%	9.6%	9.5%	8.7%	8.1%	7.0%	7.9%	100.0%
	2028	8.8%	7.3%	8.6%	7.8%	7.8%	8.7%	9.6%	9.5%	8.7%	8.1%	7.0%	7.9%	100.0%
Avg.	2009-2018	8.3%	7.1%	7.4%	7.5%	8.8%	9.1%	9.5%	10.2%	9.4%	8.2%	6.9%	7.6%	100.0%
	2019-2028	8.6%	7.1%	8.3%	7.6%	7.7%	8.6%	9.4%	9.4%	8.6%	8.7%	7.6%	8.4%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Low Economic Case

Bushnell

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	7.0	7.1	5.6	4.5	5.4	5.8	5.2	5.7	5.6	5.8	4.0	4.4	7.1	5.8
	2010	8.0	6.0	6.0	4.1	5.5	5.9	5.6	6.0	5.7	5.1	4.0	7.2	8.0	6.0
	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	5.1	4.3	5.0	6.8	5.9
Projected	2019	6.6	5.9	4.6	4.8	5.3	5.6	5.5	6.0	5.8	6.7	9.7	11.3	6.6	6.0
	2020	14.8	13.2	10.4	10.8	12.0	12.6	12.3	13.5	13.0	11.7	9.8	11.4	14.8	13.5
	2021	14.9	13.3	10.5	10.9	12.1	12.7	12.4	13.6	13.1	11.7	9.8	11.5	14.9	13.6
	2022	15.0	13.4	10.5	11.0	12.1	12.8	12.5	13.7	13.2	11.8	9.9	11.5	15.0	13.7
	2023	15.1	13.5	10.6	11.0	12.2	12.9	12.5	13.7	13.3	11.9	9.9	11.6	15.1	13.7
	2024	15.2	13.6	10.7	11.1	12.3	13.0	12.6	13.8	13.3	11.9	10.0	11.7	15.2	13.8
	2025	15.3	13.6	10.7	11.2	12.4	13.0	12.7	13.9	13.4	12.0	10.1	11.8	15.3	13.9
	2026	15.4	13.7	10.8	11.2	12.4	13.1	12.8	14.0	13.5	12.1	10.1	11.8	15.4	14.0
	2027	15.5	13.8	10.9	11.3	12.5	13.2	12.9	14.1	13.6	12.2	10.2	11.9	15.5	14.1
	2028	15.6	13.9	10.9	11.4	12.6	13.3	13.0	14.2	13.7	12.3	10.3	12.0	15.6	14.2
Projected	2029	15.7	14.0	11.0	11.4	12.7	13.4	13.0	14.3	13.8	12.3	10.3	12.1	15.7	14.3
	2030	15.8	14.1	11.1	11.5	12.8	13.5	13.1	14.4	13.8	12.4	10.4	12.1	15.8	14.4
	2031	15.9	14.2	11.2	11.6	12.8	13.5	13.2	14.5	13.9	12.5	10.5	12.2	15.9	14.5
	2032	16.0	14.3	11.2	11.7	12.9	13.6	13.3	14.5	14.0	12.6	10.5	12.3	16.0	14.5
	2033	16.1	14.3	11.3	11.7	13.0	13.7	13.4	14.6	14.1	12.6	10.6	12.4	16.1	14.6
	2034	16.2	14.4	11.4	11.8	13.1	13.8	13.4	14.7	14.2	12.7	10.7	12.4	16.2	14.7
	2035	16.3	14.5	11.4	11.9	13.1	13.9	13.5	14.8	14.3	12.8	10.7	12.5	16.3	14.8
	2036	16.4	14.6	11.5	12.0	13.2	14.0	13.6	14.9	14.4	12.9	10.8	12.6	16.4	14.9
	2037	16.5	14.7	11.6	12.0	13.3	14.0	13.7	15.0	14.5	13.0	10.8	12.7	16.5	15.0
	2038	16.6	14.8	11.6	12.1	13.4	14.1	13.8	15.1	14.5	13.0	10.9	12.7	16.6	15.1

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	38.3%	38.1%	44.6%	55.1%	59.0%	54.1%	64.5%	60.0%	60.1%	51.7%	56.1%	59.8%	40.4%	49.1%
	2010	42.6%	52.1%	43.0%	56.5%	63.7%	57.0%	60.7%	57.2%	56.5%	49.7%	56.1%	49.7%	37.9%	50.5%
	2011	41.7%	44.9%	60.5%	52.6%	61.5%	56.2%	63.3%	58.4%	58.3%	54.5%	54.8%	57.4%	38.9%	47.2%
	2012	42.3%	39.5%	56.7%	51.9%	62.6%	54.0%	64.2%	57.3%	56.8%	53.0%	52.1%	59.5%	43.4%	49.2%
	2013	52.5%	44.9%	42.4%	51.4%	56.9%	54.9%	54.1%	56.8%	54.8%	54.7%	50.4%	53.1%	46.1%	45.2%
	2014	46.6%	47.1%	60.7%	47.9%	61.0%	53.1%	60.7%	56.9%	54.8%	52.2%	46.8%	52.2%	43.1%	47.3%
	2015	48.3%	39.5%	56.9%	56.2%	59.6%	53.6%	59.4%	55.6%	55.3%	52.3%	47.3%	59.5%	41.5%	48.0%
	2016	43.3%	45.5%	54.7%	50.0%	61.1%	57.8%	61.0%	56.6%	58.1%	53.5%	51.7%	54.0%	47.1%	46.6%
	2017	46.4%	56.8%	50.3%	47.0%	60.4%	52.5%	59.5%	58.6%	55.6%	52.4%	55.0%	49.0%	54.2%	46.0%
	2018	45.1%	56.2%	52.4%	55.8%	59.8%	57.0%	60.5%	62.0%	60.9%	56.0%	56.5%	52.1%	42.8%	49.3%
Projected	2019	44.2%	44.8%	54.7%	53.0%	60.0%	54.3%	60.3%	57.6%	55.3%	92.1%	54.9%	54.1%	56.0%	61.5%
	2020	45.2%	45.1%	62.5%	55.0%	54.8%	52.6%	61.5%	53.8%	52.7%	53.0%	54.8%	54.1%	43.6%	47.9%
	2021	45.1%	46.6%	62.4%	54.9%	54.7%	52.5%	61.5%	53.7%	52.7%	52.9%	54.8%	54.1%	43.5%	47.8%
	2022	45.1%	46.6%	62.4%	54.9%	54.7%	52.5%	61.4%	53.7%	52.7%	52.9%	54.8%	54.1%	43.5%	47.8%
	2023	45.1%	46.6%	62.4%	54.9%	54.7%	52.5%	61.4%	53.7%	52.7%	52.9%	54.8%	54.1%	43.5%	47.8%
	2024	45.1%	45.0%	62.5%	54.9%	54.7%	52.5%	61.4%	53.7%	52.6%	52.9%	54.8%	54.1%	43.5%	47.8%
	2025	45.1%	46.6%	62.5%	55.0%	54.7%	52.5%	61.4%	53.7%	52.6%	52.9%	54.8%	54.1%	43.5%	47.8%
	2026	45.1%	46.6%	62.5%	55.0%	54.7%	52.5%	61.4%	53.7%	52.6%	52.9%	54.8%	54.1%	43.5%	47.8%
	2027	45.1%	46.6%	62.5%	55.0%	54.7%	52.5%	61.4%	53.7%	52.6%	52.9%	54.8%	54.1%	43.5%	47.8%
	2028	45.1%	45.0%	62.5%	55.0%	54.7%	52.5%	61.4%	53.7%	52.6%	52.9%	54.8%	54.1%	43.5%	47.8%
Avg.	2009-2018	44.7%	46.4%	52.2%	52.4%	60.6%	55.0%	60.8%	58.0%	57.1%	53.0%	52.7%	54.6%	43.5%	47.8%
	2019-2028	45.0%	45.9%	61.7%	54.8%	55.3%	52.7%	61.3%	54.1%	52.9%	56.8%	54.8%	54.1%	44.8%	49.2%

FMPA 2019 Load Forecast - Low Economic Case

Bushnell

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	6.6	6.7	5.6	3.9	4.6	5.8	4.9	5.6	5.4	5.1	3.0	4.3	6.7	5.8
	2010	7.9	5.8	6.0	3.7	4.8	5.9	5.3	5.0	5.5	4.6	3.8	7.0	7.9	5.9
	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	4.9	3.9	4.4	6.5	5.7
Projected	2019	6.5	5.8	4.1	4.5	4.9	5.4	5.2	5.5	5.5	6.4	8.7	9.9	6.5	5.5
	2020	14.5	13.0	9.3	10.1	10.9	12.1	11.7	12.4	12.5	11.2	8.8	9.9	14.5	12.4
	2021	14.6	13.1	9.4	10.1	11.0	12.2	11.7	12.5	12.6	11.2	8.8	10.0	14.6	12.5
	2022	14.7	13.2	9.4	10.2	11.0	12.3	11.8	12.6	12.6	11.3	8.9	10.1	14.7	12.6
	2023	14.8	13.3	9.5	10.2	11.1	12.3	11.9	12.7	12.7	11.4	8.9	10.1	14.8	12.7
	2024	14.9	13.4	9.6	10.3	11.2	12.4	11.9	12.7	12.8	11.4	9.0	10.2	14.9	12.7
	2025	15.0	13.5	9.6	10.4	11.2	12.5	12.0	12.8	12.9	11.5	9.1	10.3	15.0	12.8
	2026	15.1	13.5	9.7	10.4	11.3	12.6	12.1	12.9	12.9	11.6	9.1	10.3	15.1	12.9
	2027	15.2	13.6	9.7	10.5	11.4	12.7	12.2	13.0	13.0	11.7	9.2	10.4	15.2	13.0
	2028	15.3	13.7	9.8	10.6	11.5	12.7	12.3	13.1	13.1	11.7	9.2	10.5	15.3	13.1
Projected	2029	15.4	13.8	9.9	10.6	11.5	12.8	12.3	13.1	13.2	11.8	9.3	10.5	15.4	13.1
	2030	15.4	13.9	9.9	10.7	11.6	12.9	12.4	13.2	13.3	11.9	9.3	10.6	15.4	13.2
	2031	15.5	14.0	10.0	10.8	11.7	13.0	12.5	13.3	13.4	12.0	9.4	10.6	15.5	13.3
	2032	15.6	14.1	10.1	10.8	11.8	13.1	12.6	13.4	13.4	12.0	9.5	10.7	15.6	13.4
	2033	15.7	14.1	10.1	10.9	11.8	13.1	12.6	13.5	13.5	12.1	9.5	10.8	15.7	13.5
	2034	15.8	14.2	10.2	11.0	11.9	13.2	12.7	13.6	13.6	12.2	9.6	10.8	15.8	13.6
	2035	15.9	14.3	10.2	11.0	12.0	13.3	12.8	13.6	13.7	12.3	9.6	10.9	15.9	13.6
	2036	16.0	14.4	10.3	11.1	12.0	13.4	12.9	13.7	13.8	12.3	9.7	11.0	16.0	13.7
	2037	16.1	14.5	10.4	11.2	12.1	13.5	13.0	13.8	13.9	12.4	9.8	11.0	16.1	13.8
	2038	16.2	14.6	10.4	11.2	12.2	13.5	13.0	13.9	13.9	12.5	9.8	11.1	16.2	13.9

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	93.9%	94.4%	100.0%	87.6%	86.5%	98.4%	93.9%	98.5%	95.9%	88.2%	75.6%	98.1%	94.4%	98.4%
	2010	98.8%	96.4%	100.0%	91.1%	88.3%	99.5%	93.8%	83.8%	95.5%	89.0%	94.4%	97.4%	98.8%	97.6%
	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%	95.8%	89.9%	87.2%	96.0%	96.1%
Projected	2019	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2020	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2021	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2022	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2023	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2024	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2025	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2026	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2027	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2028	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2009-2018	97.9%	98.1%	89.6%	92.9%	91.0%	95.8%	94.9%	92.4%	95.8%	95.1%	89.8%	86.3%	94.0%	93.4%
	2019-2028	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%

FMPA 2019 Load Forecast - Low Economic Case - Bushnell

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	8,512		743		11,454		14,810		283		52.4		23,322		1,515	6.1%	24,837	
	2010	9,223	8.4%	739	-0.5%	12,475	8.9%	16,175	9.2%	283	-0.1%	57.3	9.3%	25,398	8.9%	881	3.4%	26,279	5.8%
	2011	8,480	-8.1%	724	-2.0%	11,707	-6.2%	15,544	-3.9%	279	-1.2%	55.7	-2.7%	24,024	-5.4%	1,287	5.1%	25,311	-3.7%
	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	8,728	6.3%	776	1.3%	11,250	4.9%	15,534	3.6%	283	-1.2%	54.9	4.9%	24,262	4.6%	1,168	4.6%	25,430	4.5%
Projected	2019	8,853	1.4%	773	-0.4%	11,453	1.8%	15,315	-1.4%	282	-0.5%	54.4	-0.9%	24,167	-0.4%	1,063	4.2%	25,230	-0.8%
	2020	12,565	41.9%	1,139	47.3%	11,032	-3.7%	41,526	171.2%	522	85.2%	79.6	46.4%	54,091	123.8%	2,394	4.2%	56,484	123.9%
	2021	12,579	0.1%	1,142	0.3%	11,013	-0.2%	41,802	0.7%	525	0.6%	79.6	0.0%	54,380	0.5%	2,407	4.2%	56,787	0.5%
	2022	12,590	0.1%	1,146	0.3%	10,990	-0.2%	42,100	0.7%	528	0.6%	79.7	0.1%	54,689	0.6%	2,421	4.2%	57,110	0.6%
	2023	12,616	0.2%	1,149	0.3%	10,980	-0.1%	42,404	0.7%	531	0.6%	79.8	0.2%	55,020	0.6%	2,435	4.2%	57,455	0.6%
	2024	12,649	0.3%	1,152	0.3%	10,977	0.0%	42,713	0.7%	534	0.5%	80.0	0.2%	55,362	0.6%	2,451	4.2%	57,813	0.6%
	2025	12,686	0.3%	1,156	0.3%	10,978	0.0%	43,026	0.7%	537	0.5%	80.2	0.2%	55,713	0.6%	2,466	4.2%	58,179	0.6%
	2026	12,727	0.3%	1,159	0.3%	10,984	0.1%	43,341	0.7%	539	0.5%	80.4	0.3%	56,068	0.6%	2,482	4.2%	58,550	0.6%
	2027	12,771	0.3%	1,162	0.3%	10,994	0.1%	43,653	0.7%	541	0.4%	80.6	0.3%	56,424	0.6%	2,498	4.2%	58,922	0.6%
	2028	12,816	0.4%	1,165	0.3%	11,005	0.1%	43,967	0.7%	544	0.4%	80.9	0.3%	56,783	0.6%	2,514	4.2%	59,297	0.6%
	2029	12,862	0.4%	1,167	0.2%	11,017	0.1%	44,282	0.7%	546	0.4%	81.1	0.3%	57,144	0.6%	2,530	4.2%	59,674	0.6%
	2030	12,909	0.4%	1,170	0.2%	11,030	0.1%	44,598	0.7%	548	0.4%	81.4	0.3%	57,507	0.6%	2,546	4.2%	60,053	0.6%
	2031	12,955	0.4%	1,173	0.2%	11,044	0.1%	44,913	0.7%	550	0.4%	81.6	0.3%	57,868	0.6%	2,562	4.2%	60,430	0.6%
	2032	13,000	0.3%	1,176	0.2%	11,058	0.1%	45,224	0.7%	552	0.4%	81.9	0.3%	58,224	0.6%	2,578	4.2%	60,802	0.6%
	2033	13,045	0.3%	1,178	0.2%	11,072	0.1%	45,536	0.7%	554	0.4%	82.1	0.3%	58,581	0.6%	2,593	4.2%	61,174	0.6%
	2034	13,091	0.3%	1,181	0.2%	11,087	0.1%	45,849	0.7%	556	0.4%	82.4	0.3%	58,939	0.6%	2,609	4.2%	61,549	0.6%
	2035	13,137	0.4%	1,183	0.2%	11,103	0.1%	46,164	0.7%	558	0.4%	82.7	0.3%	59,302	0.6%	2,625	4.2%	61,927	0.6%
	2036	13,186	0.4%	1,186	0.2%	11,121	0.2%	46,482	0.7%	560	0.4%	82.9	0.3%	59,667	0.6%	2,642	4.2%	62,309	0.6%
	2037	13,233	0.4%	1,188	0.2%	11,138	0.2%	46,798	0.7%	562	0.4%	83.2	0.3%	60,030	0.6%	2,658	4.2%	62,688	0.6%
	2038	13,276	0.3%	1,190	0.2%	11,152	0.1%	47,113	0.7%	564	0.3%	83.5	0.3%	60,389	0.6%	2,674	4.2%	63,062	0.6%
CAGR	2009-2018		0.3%		0.5%		-0.2%		0.5%		0.0%		0.5%		0.4%		4.4%		0.3%
	2019-2028		4.2%		4.7%		-0.4%		12.4%		7.6%		4.5%		10.0%		4.2%		10.0%
	2029-2038		0.4%		0.2%		0.1%		0.7%		0.4%		0.3%		0.6%		4.2%		0.6%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - High Economic Case

Bushnell

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	24,837	-	24,762	-	-0.3%	6.7	-	5.9	-	-11.9%	5.8	-	5.8		1.3%
	2010	26,279	5.8%	25,002	1.0%	-4.9%	7.9	18.2%	6.4	8.7%	-19.0%	5.9	2.1%	5.0	-14.4%	-15.0%
	2011	25,311	-3.7%	24,549	-1.8%	-3.0%	7.0	-12.1%	7.1	10.5%	1.9%	5.2	-11.8%	5.1	3.0%	-0.8%
	2012	23,675	-6.5%	24,077	-1.9%	1.7%	5.5	-20.8%	5.6	-20.6%	2.2%	4.8	-8.3%	5.8	12.7%	21.9%
	2013	23,262	-1.7%	23,472	-2.5%	0.9%	5.8	4.2%	5.6	-1.3%	-3.2%	5.0	5.8%	5.3	-8.8%	5.0%
	2014	23,792	2.3%	23,634	0.7%	-0.7%	6.3	10.1%	6.8	22.4%	7.6%	5.4	7.1%	5.3	0.6%	-1.4%
	2015	24,259	2.0%	23,745	0.5%	-2.1%	6.7	5.7%	7.2	5.6%	7.5%	5.6	4.0%	5.4	2.3%	-2.9%
	2016	24,927	2.8%	24,366	2.6%	-2.3%	5.1	-23.2%	5.9	-18.6%	14.0%	5.6	-0.4%	5.2	-4.3%	-6.8%
	2017	24,334	-2.4%	24,690	1.3%	1.5%	4.1	-19.8%	5.6	-4.9%	35.1%	6.1	9.8%	6.1	16.6%	-1.0%
	2018	25,430	4.5%	25,319	2.5%	-0.4%	6.5	58.6%	7.7	38.9%	18.4%	5.7	-7.3%	5.9	-2.9%	3.7%
Projected	2019	25,457	0.1%	25,457	0.5%		6.6	0.2%	6.6	-15.3%		5.6	-1.1%	5.6	-4.7%	
	2020			57,325	125.2%				14.7	124.6%				12.6	124.6%	
	2021			57,953	1.1%				14.9	1.3%				12.8	1.3%	
	2022			58,533	1.0%				15.1	1.0%				12.9	1.0%	
	2023			59,103	1.0%				15.2	1.0%				13.0	1.0%	
	2024			59,666	1.0%				15.4	0.9%				13.2	0.9%	
	2025			60,222	0.9%				15.5	0.9%				13.3	0.9%	
	2026			60,773	0.9%				15.6	0.9%				13.4	0.9%	
	2027			61,317	0.9%				15.8	0.9%				13.5	0.9%	
	2028			61,856	0.9%				15.9	0.9%				13.6	0.9%	
	2029			62,392	0.9%				16.1	0.9%				13.8	0.9%	
	2030			62,925	0.9%				16.2	0.9%				13.9	0.9%	
	2031			63,451	0.8%				16.3	0.8%				14.0	0.8%	
	2032			63,969	0.8%				16.5	0.8%				14.1	0.8%	
	2033			64,483	0.8%				16.6	0.8%				14.2	0.8%	
	2034			64,997	0.8%				16.7	0.8%				14.3	0.8%	
	2035			65,514	0.8%				16.9	0.8%				14.4	0.8%	
	2036			66,031	0.8%				17.0	0.8%				14.6	0.8%	
	2037			66,543	0.8%				17.1	0.8%				14.7	0.8%	
	2038			67,049	0.8%				17.3	0.8%				14.8	0.8%	
CAGR [3]	2009-2018		0.3%		0.2%			-0.3%		3.0%			-0.2%		0.1%	
	2019-2028				10.4%					10.4%					10.4%	
	2029-2038				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 2019 Load Forecast - High Economic Case

Bushnell

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	24,837	-	24,762	-	-0.3%	7.1	-	39.9%	5.8	-	48.5%
	2010	26,279	5.8%	25,002	1.0%	-4.9%	8.0	12.9%	37.4%	6.0	3.0%	49.8%
	2011	25,311	-3.7%	24,549	-1.8%	-3.0%	7.2	-10.9%	40.4%	5.9	-2.1%	49.0%
	2012	23,675	-6.5%	24,077	-1.9%	1.7%	6.3	-12.1%	43.0%	5.6	-5.8%	48.7%
	2013	23,262	-1.7%	23,472	-2.5%	0.9%	5.8	-8.6%	46.2%	5.9	5.5%	45.3%
	2014	23,792	2.3%	23,634	0.7%	-0.7%	6.3	10.1%	42.9%	5.8	-1.5%	47.0%
	2015	24,259	2.0%	23,745	0.5%	-2.1%	6.7	5.7%	41.4%	5.8	0.4%	47.8%
	2016	24,927	2.8%	24,366	2.6%	-2.3%	6.0	-10.6%	47.5%	6.1	4.5%	47.0%
	2017	24,334	-2.4%	24,690	1.3%	1.5%	5.2	-13.1%	53.4%	6.1	1.1%	45.4%
	2018	25,430	4.5%	25,319	2.5%	-0.4%	6.8	31.1%	42.6%	5.9	-3.5%	49.1%
Projected	2019	25,457	0.1%	25,457	0.5%		6.7	-1.8%	43.4%	6.1	3.1%	47.7%
	2020	57,325	125.2%	57,325	125.2%		15.0	124.6%	43.5%	13.7	124.6%	47.8%
	2021	57,953	1.1%	57,953	1.1%		15.2	1.3%	43.4%	13.9	1.3%	47.7%
	2022	58,533	1.0%	58,533	1.0%		15.4	1.0%	43.4%	14.0	1.0%	47.7%
	2023	59,103	1.0%	59,103	1.0%		15.5	1.0%	43.4%	14.1	1.0%	47.7%
	2024	59,666	1.0%	59,666	1.0%		15.7	0.9%	43.4%	14.3	0.9%	47.7%
	2025	60,222	0.9%	60,222	0.9%		15.8	0.9%	43.4%	14.4	0.9%	47.7%
	2026	60,773	0.9%	60,773	0.9%		16.0	0.9%	43.4%	14.5	0.9%	47.7%
	2027	61,317	0.9%	61,317	0.9%		16.1	0.9%	43.4%	14.7	0.9%	47.7%
	2028	61,856	0.9%	61,856	0.9%		16.3	0.9%	43.4%	14.8	0.9%	47.7%
	2029	62,392	0.9%	62,392	0.9%		16.4	0.9%	43.4%	14.9	0.9%	47.7%
	2030	62,925	0.9%	62,925	0.9%		16.5	0.9%	43.4%	15.1	0.9%	47.7%
	2031	63,451	0.8%	63,451	0.8%		16.7	0.8%	43.4%	15.2	0.8%	47.7%
	2032	63,969	0.8%	63,969	0.8%		16.8	0.8%	43.4%	15.3	0.8%	47.7%
	2033	64,483	0.8%	64,483	0.8%		17.0	0.8%	43.4%	15.4	0.8%	47.7%
	2034	64,997	0.8%	64,997	0.8%		17.1	0.8%	43.4%	15.6	0.8%	47.7%
	2035	65,514	0.8%	65,514	0.8%		17.2	0.8%	43.4%	15.7	0.8%	47.7%
	2036	66,031	0.8%	66,031	0.8%		17.4	0.8%	43.4%	15.8	0.8%	47.7%
	2037	66,543	0.8%	66,543	0.8%		17.5	0.8%	43.4%	15.9	0.8%	47.7%
	2038	67,049	0.8%	67,049	0.8%		17.6	0.8%	43.4%	16.0	0.8%	47.7%
CAGR [1]	2009-2018		0.3%		0.2%			-0.5%	43.5%		0.1%	47.8%
	2019-2028		10.4%		10.4%			10.4%	43.4%		10.4%	47.7%
	2029-2038		0.8%		0.8%			0.8%	43.4%		0.8%	47.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - High Economic Case

Bushnell

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	1,991	1,820	1,854	1,824	2,125	2,355	2,408	2,554	2,427	2,214	1,674	1,884	25,132	24,837
	2010	2,546	2,108	1,916	1,722	2,349	2,504	2,458	2,565	2,338	1,894	1,673	2,560	26,633	26,279
	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	2,129	1,814	1,891	25,551	25,430
Projected	2019	2,172	1,778	1,898	1,917	2,171	2,304	2,416	2,619	2,349	4,626	4,013	4,472	32,735	25,457
	2020	5,049	4,205	4,902	4,488	4,484	5,021	5,544	5,495	5,025	4,681	4,058	4,521	57,473	57,325
	2021	5,105	4,251	4,955	4,537	4,534	5,076	5,603	5,554	5,078	4,729	4,100	4,566	58,088	57,953
	2022	5,155	4,293	5,003	4,582	4,580	5,126	5,658	5,610	5,129	4,776	4,140	4,611	58,665	58,533
	2023	5,206	4,335	5,051	4,626	4,625	5,176	5,713	5,665	5,179	4,823	4,180	4,655	59,233	59,103
	2024	5,255	4,376	5,098	4,670	4,670	5,225	5,767	5,719	5,228	4,868	4,220	4,698	59,795	59,666
	2025	5,304	4,417	5,145	4,713	4,714	5,274	5,820	5,772	5,277	4,914	4,259	4,741	60,350	60,222
	2026	5,352	4,457	5,192	4,756	4,758	5,322	5,873	5,825	5,325	4,958	4,297	4,784	60,899	60,773
	2027	5,400	4,497	5,238	4,799	4,800	5,370	5,925	5,877	5,372	5,002	4,335	4,826	61,441	61,317
	2028	5,447	4,536	5,283	4,841	4,843	5,417	5,977	5,929	5,419	5,046	4,373	4,868	61,979	61,856
Projected	2029	5,494	4,575	5,329	4,883	4,885	5,464	6,028	5,980	5,466	5,090	4,411	4,909	62,515	62,392
	2030	5,541	4,614	5,374	4,924	4,927	5,511	6,080	6,031	5,513	5,133	4,448	4,951	63,047	62,925
	2031	5,587	4,653	5,419	4,966	4,968	5,557	6,130	6,081	5,558	5,175	4,485	4,991	63,571	63,451
	2032	5,633	4,691	5,463	5,006	5,009	5,602	6,180	6,130	5,604	5,217	4,521	5,031	64,087	63,969
	2033	5,678	4,729	5,507	5,047	5,049	5,647	6,229	6,180	5,648	5,259	4,558	5,072	64,602	64,483
	2034	5,724	4,766	5,551	5,087	5,090	5,692	6,279	6,229	5,693	5,301	4,594	5,112	65,116	64,997
	2035	5,769	4,804	5,595	5,127	5,130	5,737	6,328	6,278	5,739	5,343	4,630	5,153	65,633	65,514
	2036	5,814	4,842	5,639	5,168	5,171	5,782	6,378	6,327	5,783	5,385	4,667	5,193	66,150	66,031
	2037	5,860	4,880	5,683	5,208	5,211	5,827	6,427	6,376	5,828	5,426	4,702	5,233	66,660	66,543
	2038	5,904	4,917	5,727	5,248	5,250	5,871	6,476	6,424	5,872	5,467	4,738	5,272	67,164	67,049

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	7.9%	7.2%	7.4%	7.3%	8.5%	9.4%	9.6%	10.2%	9.7%	8.8%	6.7%	7.5%	100.0%
	2010	9.6%	7.9%	7.2%	6.5%	8.8%	9.4%	9.2%	9.6%	8.8%	7.1%	6.3%	9.6%	100.0%
	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	9.0%	6.8%	7.2%	7.3%	8.5%	8.9%	9.0%	10.4%	10.1%	8.3%	7.1%	7.4%	100.0%
Projected	2019	6.6%	5.4%	5.8%	5.9%	6.6%	7.0%	7.4%	8.0%	7.2%	14.1%	12.3%	13.7%	100.0%
	2020	8.8%	7.3%	8.5%	7.8%	7.8%	8.7%	9.6%	9.6%	8.7%	8.1%	7.1%	7.9%	100.0%
	2021	8.8%	7.3%	8.5%	7.8%	7.8%	8.7%	9.6%	9.6%	8.7%	8.1%	7.1%	7.9%	100.0%
	2022	8.8%	7.3%	8.5%	7.8%	7.8%	8.7%	9.6%	9.6%	8.7%	8.1%	7.1%	7.9%	100.0%
	2023	8.8%	7.3%	8.5%	7.8%	7.8%	8.7%	9.6%	9.6%	8.7%	8.1%	7.1%	7.9%	100.0%
	2024	8.8%	7.3%	8.5%	7.8%	7.8%	8.7%	9.6%	9.6%	8.7%	8.1%	7.1%	7.9%	100.0%
	2025	8.8%	7.3%	8.5%	7.8%	7.8%	8.7%	9.6%	9.6%	8.7%	8.1%	7.1%	7.9%	100.0%
	2026	8.8%	7.3%	8.5%	7.8%	7.8%	8.7%	9.6%	9.6%	8.7%	8.1%	7.1%	7.9%	100.0%
	2027	8.8%	7.3%	8.5%	7.8%	7.8%	8.7%	9.6%	9.6%	8.7%	8.1%	7.1%	7.9%	100.0%
	2028	8.8%	7.3%	8.5%	7.8%	7.8%	8.7%	9.6%	9.6%	8.7%	8.1%	7.1%	7.9%	100.0%
Avg.	2009-2018	8.3%	7.1%	7.4%	7.5%	8.8%	9.1%	9.5%	10.2%	9.4%	8.2%	6.9%	7.6%	100.0%
	2019-2028	8.6%	7.1%	8.3%	7.6%	7.7%	8.6%	9.4%	9.4%	8.6%	8.7%	7.6%	8.4%	100.0%

1	2	3	4	5	6	7	8	9	10	11	12

FMPA 2019 Load Forecast - High Economic Case

Bushnell

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	7.0	7.1	5.6	4.5	5.4	5.8	5.2	5.7	5.6	5.8	4.0	4.4	7.1	5.8
	2010	8.0	6.0	6.0	4.1	5.5	5.9	5.6	6.0	5.7	5.1	4.0	7.2	8.0	6.0
	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	5.1	4.4	5.1	6.8	5.9
Projected	2019	6.7	6.0	4.7	4.9	5.4	5.7	5.6	6.1	5.9	6.8	9.8	11.5	6.7	6.1
	2020	15.0	13.4	10.6	11.0	12.2	12.8	12.5	13.7	13.2	11.8	10.0	11.6	15.0	13.7
	2021	15.2	13.6	10.7	11.1	12.3	13.0	12.7	13.9	13.4	12.0	10.1	11.8	15.2	13.9
	2022	15.4	13.7	10.8	11.2	12.4	13.1	12.8	14.0	13.5	12.1	10.2	11.9	15.4	14.0
	2023	15.5	13.9	10.9	11.3	12.6	13.2	12.9	14.1	13.6	12.2	10.3	12.0	15.5	14.1
	2024	15.7	14.0	11.0	11.5	12.7	13.4	13.0	14.3	13.8	12.3	10.4	12.1	15.7	14.3
	2025	15.8	14.1	11.1	11.6	12.8	13.5	13.2	14.4	13.9	12.5	10.5	12.2	15.8	14.4
	2026	16.0	14.3	11.2	11.7	12.9	13.6	13.3	14.5	14.0	12.6	10.6	12.3	16.0	14.5
	2027	16.1	14.4	11.3	11.8	13.0	13.7	13.4	14.7	14.1	12.7	10.6	12.4	16.1	14.7
	2028	16.3	14.5	11.4	11.9	13.1	13.9	13.5	14.8	14.3	12.8	10.7	12.5	16.3	14.8
Projected	2029	16.4	14.6	11.5	12.0	13.3	14.0	13.6	14.9	14.4	12.9	10.8	12.6	16.4	14.9
	2030	16.5	14.8	11.6	12.1	13.4	14.1	13.7	15.1	14.5	13.0	10.9	12.7	16.5	15.1
	2031	16.7	14.9	11.7	12.2	13.5	14.2	13.9	15.2	14.6	13.1	11.0	12.9	16.7	15.2
	2032	16.8	15.0	11.8	12.3	13.6	14.3	14.0	15.3	14.8	13.2	11.1	13.0	16.8	15.3
	2033	17.0	15.1	11.9	12.4	13.7	14.5	14.1	15.4	14.9	13.3	11.2	13.1	17.0	15.4
	2034	17.1	15.2	12.0	12.5	13.8	14.6	14.2	15.6	15.0	13.4	11.3	13.2	17.1	15.6
	2035	17.2	15.4	12.1	12.6	13.9	14.7	14.3	15.7	15.1	13.5	11.4	13.3	17.2	15.7
	2036	17.4	15.5	12.2	12.7	14.0	14.8	14.4	15.8	15.2	13.7	11.5	13.4	17.4	15.8
	2037	17.5	15.6	12.3	12.8	14.1	14.9	14.5	15.9	15.4	13.8	11.5	13.5	17.5	15.9
	2038	17.6	15.7	12.4	12.9	14.2	15.0	14.6	16.0	15.5	13.9	11.6	13.6	17.6	16.0

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	38.3%	38.1%	44.6%	55.1%	59.0%	54.1%	64.5%	60.0%	60.1%	51.7%	56.1%	59.8%	40.4%	49.1%
	2010	42.6%	52.1%	43.0%	56.5%	63.7%	57.0%	60.7%	57.2%	56.5%	49.7%	56.1%	49.7%	37.9%	50.5%
	2011	41.7%	44.9%	60.5%	52.6%	61.5%	56.2%	63.3%	58.4%	58.3%	54.5%	54.8%	57.4%	38.9%	47.2%
	2012	42.3%	39.5%	56.7%	51.9%	62.6%	54.0%	64.2%	57.3%	56.8%	53.0%	52.1%	59.5%	43.4%	49.2%
	2013	52.5%	44.9%	42.4%	51.4%	56.9%	54.9%	54.1%	56.8%	54.8%	54.7%	50.4%	53.1%	46.1%	45.2%
	2014	46.6%	47.1%	60.7%	47.9%	61.0%	53.1%	60.7%	56.9%	54.8%	52.2%	46.8%	52.2%	43.1%	47.3%
	2015	48.3%	39.5%	56.9%	56.2%	59.6%	53.6%	59.4%	55.6%	55.3%	52.3%	47.3%	59.5%	41.5%	48.0%
	2016	43.3%	45.5%	54.7%	50.0%	61.1%	57.8%	61.0%	56.6%	58.1%	53.5%	51.7%	54.0%	47.1%	46.6%
	2017	46.4%	56.8%	50.3%	47.0%	60.4%	52.5%	59.5%	58.6%	55.6%	52.4%	55.0%	49.0%	54.2%	46.0%
	2018	45.1%	56.2%	52.4%	55.8%	59.8%	57.0%	60.5%	62.0%	60.9%	56.0%	55.6%	51.3%	42.8%	49.3%
Projected	2019	43.6%	44.3%	54.2%	52.7%	59.7%	54.2%	60.3%	57.7%	55.5%	92.0%	54.8%	54.0%	55.8%	61.3%
	2020	45.1%	45.0%	62.4%	54.9%	54.9%	52.6%	61.6%	54.0%	52.9%	53.2%	54.7%	53.9%	43.6%	47.9%
	2021	45.0%	46.5%	62.2%	54.8%	54.8%	52.5%	61.4%	53.8%	52.7%	53.0%	54.7%	53.9%	43.5%	47.8%
	2022	45.0%	46.5%	62.2%	54.8%	54.8%	52.5%	61.4%	53.8%	52.7%	53.0%	54.7%	53.9%	43.5%	47.8%
	2023	45.0%	46.5%	62.2%	54.8%	54.8%	52.5%	61.4%	53.8%	52.7%	53.0%	54.7%	53.9%	43.5%	47.8%
	2024	45.0%	44.9%	62.2%	54.8%	54.8%	52.5%	61.4%	53.8%	52.7%	53.0%	54.7%	53.9%	43.5%	47.8%
	2025	45.0%	46.5%	62.2%	54.8%	54.8%	52.5%	61.4%	53.8%	52.7%	53.0%	54.7%	53.9%	43.5%	47.8%
	2026	45.0%	46.5%	62.2%	54.8%	54.8%	52.5%	61.4%	53.8%	52.7%	53.0%	54.7%	53.9%	43.5%	47.8%
	2027	45.0%	46.5%	62.2%	54.8%	54.8%	52.5%	61.4%	53.8%	52.7%	53.0%	54.7%	53.9%	43.5%	47.8%
	2028	45.0%	44.9%	62.2%	54.8%	54.8%	52.5%	61.4%	53.8%	52.7%	53.0%	54.7%	53.9%	43.5%	47.8%
Avg.	2009-2018	44.7%	46.4%	52.2%	52.4%	60.6%	55.0%	60.8%	58.0%	57.1%	53.0%	52.6%	54.5%	43.5%	47.8%
	2019-2028	44.9%	45.8%	61.4%	54.6%	55.3%	52.7%	61.3%	54.2%	53.0%	56.9%	54.7%	53.9%	44.7%	49.2%

FMPA 2019 Load Forecast - High Economic Case

Bushnell

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	6.6	6.7	5.6	3.9	4.6	5.8	4.9	5.6	5.4	5.1	3.0	4.3	6.7	5.8
	2010	7.9	5.8	6.0	3.7	4.8	5.9	5.3	5.0	5.5	4.6	3.8	7.0	7.9	5.9
	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	4.9	3.9	4.5	6.5	5.7
Projected	2019	6.6	5.9	4.2	4.5	4.9	5.5	5.3	5.6	5.6	6.5	8.9	10.0	6.6	5.6
	2020	14.7	13.2	9.5	10.2	11.1	12.3	11.8	12.6	12.7	11.3	9.0	10.2	14.7	12.6
	2021	14.9	13.4	9.6	10.3	11.2	12.5	12.0	12.8	12.8	11.5	9.1	10.3	14.9	12.8
	2022	15.1	13.5	9.7	10.4	11.3	12.6	12.1	12.9	12.9	11.6	9.1	10.4	15.1	12.9
	2023	15.2	13.7	9.8	10.5	11.4	12.7	12.2	13.0	13.1	11.7	9.2	10.5	15.2	13.0
	2024	15.4	13.8	9.9	10.6	11.5	12.8	12.3	13.2	13.2	11.8	9.3	10.6	15.4	13.2
	2025	15.5	13.9	10.0	10.7	11.6	12.9	12.5	13.3	13.3	11.9	9.4	10.7	15.5	13.3
	2026	15.6	14.1	10.1	10.8	11.8	13.1	12.6	13.4	13.4	12.0	9.5	10.7	15.6	13.4
	2027	15.8	14.2	10.1	10.9	11.9	13.2	12.7	13.5	13.6	12.1	9.6	10.8	15.8	13.5
	2028	15.9	14.3	10.2	11.0	12.0	13.3	12.8	13.6	13.7	12.3	9.7	10.9	15.9	13.6
Projected	2029	16.1	14.4	10.3	11.1	12.1	13.4	12.9	13.8	13.8	12.4	9.7	11.0	16.1	13.8
	2030	16.2	14.6	10.4	11.2	12.2	13.5	13.0	13.9	13.9	12.5	9.8	11.1	16.2	13.9
	2031	16.3	14.7	10.5	11.3	12.3	13.6	13.1	14.0	14.0	12.6	9.9	11.2	16.3	14.0
	2032	16.5	14.8	10.6	11.4	12.4	13.7	13.2	14.1	14.1	12.7	10.0	11.3	16.5	14.1
	2033	16.6	14.9	10.7	11.5	12.5	13.8	13.3	14.2	14.3	12.8	10.1	11.4	16.6	14.2
	2034	16.7	15.0	10.7	11.6	12.6	14.0	13.4	14.3	14.4	12.9	10.1	11.5	16.7	14.3
	2035	16.9	15.2	10.8	11.7	12.7	14.1	13.5	14.4	14.5	13.0	10.2	11.6	16.9	14.4
	2036	17.0	15.3	10.9	11.8	12.8	14.2	13.6	14.6	14.6	13.1	10.3	11.7	17.0	14.6
	2037	17.1	15.4	11.0	11.9	12.9	14.3	13.8	14.7	14.7	13.2	10.4	11.7	17.1	14.7
	2038	17.3	15.5	11.1	12.0	13.0	14.4	13.9	14.8	14.8	13.3	10.5	11.8	17.3	14.8

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	93.9%	94.4%	100.0%	87.6%	86.5%	98.4%	93.9%	98.5%	95.9%	88.2%	75.6%	98.1%	94.4%	98.4%
	2010	98.8%	96.4%	100.0%	91.1%	88.3%	99.5%	93.8%	83.8%	95.5%	89.0%	94.4%	97.4%	98.8%	97.6%
	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%	95.8%	89.9%	87.2%	96.0%	96.1%
Projected	2019	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2020	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2021	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2022	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2023	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2024	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2025	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2026	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2027	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2028	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2009-2018	97.9%	98.1%	89.6%	92.9%	91.0%	95.8%	94.9%	92.4%	95.8%	95.1%	89.8%	86.3%	94.0%	93.4%
	2019-2028	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%

FMPA 2019 Load Forecast - High Economic Case - Bushnell

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	8,512		743		11,454		14,810		283		52.4		23,322		1,515	6.1%	24,837	
	2010	9,223	8.4%	739	-0.5%	12,475	8.9%	16,175	9.2%	283	-0.1%	57.3	9.3%	25,398	8.9%	881	3.4%	26,279	5.8%
	2011	8,480	-8.1%	724	-2.0%	11,707	-6.2%	15,544	-3.9%	279	-1.2%	55.7	-2.7%	24,024	-5.4%	1,287	5.1%	25,311	-3.7%
	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	8,728	6.3%	776	1.3%	11,250	4.9%	15,534	3.6%	283	-1.2%	54.9	4.9%	24,262	4.6%	1,168	4.6%	25,430	4.5%
Projected	2019	8,947	2.5%	774	-0.2%	11,557	2.7%	15,437	-0.6%	283	-0.2%	54.6	-0.5%	24,384	0.5%	1,073	4.2%	25,457	0.1%
	2020	12,961	44.9%	1,143	47.7%	11,336	-1.9%	41,934	171.6%	525	85.8%	79.8	46.2%	54,894	125.1%	2,430	4.2%	57,325	125.2%
	2021	13,133	1.3%	1,149	0.5%	11,432	0.9%	42,363	1.0%	530	0.9%	80.0	0.2%	55,496	1.1%	2,457	4.2%	57,953	1.1%
	2022	13,267	1.0%	1,154	0.4%	11,498	0.6%	42,784	1.0%	534	0.8%	80.1	0.2%	56,052	1.0%	2,481	4.2%	58,533	1.0%
	2023	13,401	1.0%	1,159	0.4%	11,563	0.6%	43,197	1.0%	538	0.7%	80.3	0.2%	56,598	1.0%	2,505	4.2%	59,103	1.0%
	2024	13,531	1.0%	1,164	0.4%	11,626	0.5%	43,606	0.9%	541	0.7%	80.6	0.3%	57,137	1.0%	2,529	4.2%	59,666	1.0%
	2025	13,658	0.9%	1,169	0.4%	11,688	0.5%	44,012	0.9%	545	0.6%	80.8	0.3%	57,670	0.9%	2,552	4.2%	60,222	0.9%
	2026	13,784	0.9%	1,173	0.4%	11,751	0.5%	44,414	0.9%	548	0.6%	81.1	0.3%	58,198	0.9%	2,576	4.2%	60,773	0.9%
	2027	13,908	0.9%	1,177	0.4%	11,813	0.5%	44,811	0.9%	551	0.6%	81.3	0.3%	58,718	0.9%	2,599	4.2%	61,317	0.9%
	2028	14,029	0.9%	1,181	0.4%	11,874	0.5%	45,206	0.9%	554	0.5%	81.6	0.3%	59,234	0.9%	2,621	4.2%	61,856	0.9%
	2029	14,148	0.9%	1,186	0.3%	11,934	0.5%	45,600	0.9%	557	0.5%	81.9	0.4%	59,748	0.9%	2,644	4.2%	62,392	0.9%
	2030	14,266	0.8%	1,190	0.3%	11,993	0.5%	45,993	0.9%	559	0.5%	82.2	0.4%	60,258	0.9%	2,667	4.2%	62,925	0.9%
	2031	14,381	0.8%	1,193	0.3%	12,050	0.5%	46,382	0.8%	562	0.5%	82.5	0.4%	60,762	0.8%	2,689	4.2%	63,451	0.8%
	2032	14,492	0.8%	1,197	0.3%	12,106	0.5%	46,766	0.8%	565	0.5%	82.8	0.4%	61,258	0.8%	2,711	4.2%	63,969	0.8%
	2033	14,602	0.8%	1,201	0.3%	12,161	0.5%	47,149	0.8%	567	0.5%	83.1	0.4%	61,751	0.8%	2,733	4.2%	64,483	0.8%
	2034	14,711	0.7%	1,204	0.3%	12,215	0.4%	47,532	0.8%	570	0.4%	83.4	0.4%	62,243	0.8%	2,754	4.2%	64,997	0.8%
	2035	14,820	0.7%	1,208	0.3%	12,269	0.4%	47,917	0.8%	572	0.4%	83.7	0.4%	62,737	0.8%	2,776	4.2%	65,514	0.8%
	2036	14,930	0.7%	1,211	0.3%	12,325	0.5%	48,303	0.8%	575	0.4%	84.0	0.4%	63,233	0.8%	2,798	4.2%	66,031	0.8%
	2037	15,037	0.7%	1,215	0.3%	12,379	0.4%	48,686	0.8%	577	0.4%	84.3	0.4%	63,724	0.8%	2,820	4.2%	66,543	0.8%
	2038	15,139	0.7%	1,218	0.3%	12,428	0.4%	49,068	0.8%	580	0.4%	84.6	0.4%	64,207	0.8%	2,841	4.2%	67,049	0.8%
CAGR	2009-2018		0.3%		0.5%		-0.2%		0.5%		0.0%		0.5%		0.4%		4.4%		0.3%
	2019-2028		5.1%		4.8%		0.3%		12.7%		7.8%		4.6%		10.4%		4.2%		10.4%
	2029-2038		0.8%		0.3%		0.5%		0.8%		0.5%		0.4%		0.8%		4.2%		0.8%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - Mild Weather Case

Bushnell

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	24,837	-	24,762	-	-0.3%	6.7	-	5.9	-	-11.9%	5.8	-	5.8		1.3%
	2010	26,279	5.8%	25,002	1.0%	-4.9%	7.9	18.2%	6.4	8.7%	-19.0%	5.9	2.1%	5.0	-14.4%	-15.0%
	2011	25,311	-3.7%	24,549	-1.8%	-3.0%	7.0	-12.1%	7.1	10.5%	1.9%	5.2	-11.8%	5.1	3.0%	-0.8%
	2012	23,675	-6.5%	24,077	-1.9%	1.7%	5.5	-20.8%	5.6	-20.6%	2.2%	4.8	-8.3%	5.8	12.7%	21.9%
	2013	23,262	-1.7%	23,472	-2.5%	0.9%	5.8	4.2%	5.6	-1.3%	-3.2%	5.0	5.8%	5.3	-8.8%	5.0%
	2014	23,792	2.3%	23,634	0.7%	-0.7%	6.3	10.1%	6.8	22.4%	7.6%	5.4	7.1%	5.3	0.6%	-1.4%
	2015	24,259	2.0%	23,745	0.5%	-2.1%	6.7	5.7%	7.2	5.6%	7.5%	5.6	4.0%	5.4	2.3%	-2.9%
	2016	24,927	2.8%	24,366	2.6%	-2.3%	5.1	-23.2%	5.9	-18.6%	14.0%	5.6	-0.4%	5.2	-4.3%	-6.8%
	2017	24,334	-2.4%	24,690	1.3%	1.5%	4.1	-19.8%	5.6	-4.9%	35.1%	6.1	9.8%	6.1	16.6%	-1.0%
	2018	25,430	4.5%	25,319	2.5%	-0.4%	6.5	58.6%	7.7	38.9%	18.4%	5.7	-7.3%	5.9	-2.9%	3.7%
Projected	2019	24,534	-3.5%	24,534	-3.1%		6.3	-3.8%	6.3	-18.8%		5.4	-5.1%	5.4	-8.5%	
	2020			56,059	128.5%				14.4	128.9%				12.3	128.9%	
	2021			56,525	0.8%				14.6	1.0%				12.5	1.0%	
	2022			56,977	0.8%				14.7	0.8%				12.6	0.8%	
	2023			57,436	0.8%				14.8	0.8%				12.7	0.8%	
	2024			57,897	0.8%				14.9	0.8%				12.8	0.8%	
	2025			58,359	0.8%				15.0	0.8%				12.9	0.8%	
	2026			58,822	0.8%				15.1	0.8%				13.0	0.8%	
	2027			59,281	0.8%				15.3	0.8%				13.1	0.8%	
	2028			59,740	0.8%				15.4	0.8%				13.2	0.8%	
	2029			60,198	0.8%				15.5	0.8%				13.3	0.8%	
	2030			60,656	0.8%				15.6	0.8%				13.4	0.8%	
	2031			61,110	0.7%				15.7	0.7%				13.5	0.7%	
	2032			61,557	0.7%				15.8	0.7%				13.6	0.7%	
	2033			62,003	0.7%				16.0	0.7%				13.7	0.7%	
	2034			62,451	0.7%				16.1	0.7%				13.8	0.7%	
	2035			62,901	0.7%				16.2	0.7%				13.9	0.7%	
	2036			63,353	0.7%				16.3	0.7%				14.0	0.7%	
	2037			63,802	0.7%				16.4	0.7%				14.1	0.7%	
	2038			64,246	0.7%				16.5	0.7%				14.2	0.7%	
CAGR [3]	2009-2018		0.3%		0.2%			-0.3%		3.0%			-0.2%		0.1%	
	2019-2028				10.4%					10.4%					10.4%	
	2029-2038				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 2019 Load Forecast - Mild Weather Case

Bushnell

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	24,837	-	24,762	-	-0.3%	7.1	-	39.9%	5.8	-	48.5%
	2010	26,279	5.8%	25,002	1.0%	-4.9%	8.0	12.9%	37.4%	6.0	3.0%	49.8%
	2011	25,311	-3.7%	24,549	-1.8%	-3.0%	7.2	-10.9%	40.4%	5.9	-2.1%	49.0%
	2012	23,675	-6.5%	24,077	-1.9%	1.7%	6.3	-12.1%	43.0%	5.6	-5.8%	48.7%
	2013	23,262	-1.7%	23,472	-2.5%	0.9%	5.8	-8.6%	46.2%	5.9	5.5%	45.3%
	2014	23,792	2.3%	23,634	0.7%	-0.7%	6.3	10.1%	42.9%	5.8	-1.5%	47.0%
	2015	24,259	2.0%	23,745	0.5%	-2.1%	6.7	5.7%	41.4%	5.8	0.4%	47.8%
	2016	24,927	2.8%	24,366	2.6%	-2.3%	6.0	-10.6%	47.5%	6.1	4.5%	47.0%
	2017	24,334	-2.4%	24,690	1.3%	1.5%	5.2	-13.1%	53.4%	6.1	1.1%	45.4%
	2018	25,430	4.5%	25,319	2.5%	-0.4%	6.8	31.1%	42.6%	5.9	-3.5%	49.1%
Projected	2019	24,534	-3.5%	24,534	-3.1%		6.4	-5.7%	43.6%	5.8	-1.1%	47.9%
	2020	56,059	128.5%	56,059	128.5%		14.7	128.9%	43.5%	13.4	128.9%	47.8%
	2021	56,525	0.8%	56,525	0.8%		14.9	1.0%	43.4%	13.5	1.0%	47.7%
	2022	56,977	0.8%	56,977	0.8%		15.0	0.8%	43.4%	13.6	0.8%	47.7%
	2023	57,436	0.8%	57,436	0.8%		15.1	0.8%	43.4%	13.7	0.8%	47.7%
	2024	57,897	0.8%	57,897	0.8%		15.2	0.8%	43.4%	13.9	0.8%	47.7%
	2025	58,359	0.8%	58,359	0.8%		15.3	0.8%	43.4%	14.0	0.8%	47.7%
	2026	58,822	0.8%	58,822	0.8%		15.5	0.8%	43.4%	14.1	0.8%	47.7%
	2027	59,281	0.8%	59,281	0.8%		15.6	0.8%	43.4%	14.2	0.8%	47.7%
	2028	59,740	0.8%	59,740	0.8%		15.7	0.8%	43.4%	14.3	0.8%	47.7%
	2029	60,198	0.8%	60,198	0.8%		15.8	0.8%	43.4%	14.4	0.8%	47.7%
	2030	60,656	0.8%	60,656	0.8%		15.9	0.8%	43.4%	14.5	0.8%	47.7%
	2031	61,110	0.7%	61,110	0.7%		16.1	0.7%	43.4%	14.6	0.7%	47.7%
	2032	61,557	0.7%	61,557	0.7%		16.2	0.7%	43.4%	14.7	0.7%	47.7%
	2033	62,003	0.7%	62,003	0.7%		16.3	0.7%	43.4%	14.8	0.7%	47.7%
	2034	62,451	0.7%	62,451	0.7%		16.4	0.7%	43.4%	14.9	0.7%	47.7%
	2035	62,901	0.7%	62,901	0.7%		16.5	0.7%	43.4%	15.1	0.7%	47.7%
	2036	63,353	0.7%	63,353	0.7%		16.7	0.7%	43.4%	15.2	0.7%	47.7%
	2037	63,802	0.7%	63,802	0.7%		16.8	0.7%	43.4%	15.3	0.7%	47.7%
	2038	64,246	0.7%	64,246	0.7%		16.9	0.7%	43.4%	15.4	0.7%	47.7%
CAGR [1]	2009-2018		0.3%		0.2%			-0.5%	43.5%		0.1%	47.8%
	2019-2028		10.4%		10.4%			10.4%	43.4%		10.4%	47.7%
	2029-2038		0.7%		0.7%			0.7%	43.4%		0.7%	47.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Mild Weather Case

Bushnell

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	1,991	1,820	1,854	1,824	2,125	2,355	2,408	2,554	2,427	2,214	1,674	1,884	25,132	24,837
	2010	2,546	2,108	1,916	1,722	2,349	2,504	2,458	2,565	2,338	1,894	1,673	2,560	26,633	26,279
	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	2,129	1,814	1,819	25,480	25,430
Projected	2019	1,950	1,606	1,817	1,908	2,159	2,253	2,320	2,507	2,252	4,561	3,988	4,372	31,693	24,534
	2020	4,794	4,007	4,797	4,457	4,449	4,946	5,422	5,359	4,907	4,598	4,021	4,408	56,166	56,059
	2021	4,834	4,040	4,837	4,495	4,486	4,987	5,467	5,403	4,947	4,636	4,054	4,444	56,631	56,525
	2022	4,872	4,072	4,876	4,531	4,522	5,027	5,511	5,446	4,987	4,673	4,087	4,480	57,084	56,977
	2023	4,911	4,105	4,915	4,567	4,559	5,067	5,555	5,490	5,027	4,711	4,120	4,516	57,543	57,436
	2024	4,951	4,138	4,954	4,604	4,595	5,108	5,599	5,534	5,068	4,749	4,153	4,552	58,004	57,897
	2025	4,990	4,171	4,994	4,641	4,632	5,148	5,644	5,578	5,108	4,786	4,186	4,588	58,467	58,359
	2026	5,030	4,204	5,034	4,678	4,669	5,189	5,688	5,622	5,148	4,824	4,219	4,624	58,929	58,822
	2027	5,069	4,236	5,073	4,715	4,705	5,230	5,732	5,665	5,188	4,862	4,252	4,660	59,387	59,281
	2028	5,108	4,269	5,112	4,752	4,742	5,270	5,776	5,709	5,228	4,899	4,284	4,696	59,846	59,740
Projected	2029	5,147	4,302	5,152	4,788	4,778	5,310	5,820	5,752	5,268	4,936	4,317	4,732	60,305	60,198
	2030	5,187	4,335	5,191	4,825	4,814	5,350	5,864	5,796	5,308	4,974	4,350	4,768	60,762	60,656
	2031	5,226	4,367	5,231	4,861	4,850	5,390	5,908	5,838	5,347	5,010	4,382	4,804	61,214	61,110
	2032	5,264	4,399	5,269	4,897	4,885	5,429	5,951	5,880	5,385	5,047	4,414	4,839	61,661	61,557
	2033	5,303	4,431	5,308	4,933	4,920	5,468	5,994	5,923	5,424	5,083	4,446	4,874	62,107	62,003
	2034	5,341	4,463	5,347	4,969	4,956	5,508	6,037	5,965	5,463	5,120	4,478	4,909	62,554	62,451
	2035	5,380	4,496	5,386	5,005	4,991	5,547	6,080	6,008	5,502	5,156	4,510	4,945	63,006	62,901
	2036	5,419	4,528	5,425	5,041	5,027	5,587	6,124	6,050	5,541	5,193	4,542	4,980	63,458	63,353
	2037	5,457	4,561	5,464	5,077	5,062	5,626	6,167	6,092	5,580	5,229	4,574	5,016	63,905	63,802
	2038	5,496	4,593	5,503	5,112	5,097	5,665	6,210	6,134	5,618	5,265	4,605	5,050	64,348	64,246

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	7.9%	7.2%	7.4%	7.3%	8.5%	9.4%	9.6%	10.2%	9.7%	8.8%	6.7%	7.5%	100.0%
	2010	9.6%	7.9%	7.2%	6.5%	8.8%	9.4%	9.2%	9.6%	8.8%	7.1%	6.3%	9.6%	100.0%
	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	9.0%	6.8%	7.3%	7.3%	8.5%	8.9%	9.1%	10.4%	10.2%	8.4%	7.1%	7.1%	100.0%
Projected	2019	6.2%	5.1%	5.7%	6.0%	6.8%	7.1%	7.3%	7.9%	7.1%	14.4%	12.6%	13.8%	100.0%
	2020	8.5%	7.1%	8.5%	7.9%	7.9%	8.8%	9.7%	9.5%	8.7%	8.2%	7.2%	7.8%	100.0%
	2021	8.5%	7.1%	8.5%	7.9%	7.9%	8.8%	9.7%	9.5%	8.7%	8.2%	7.2%	7.8%	100.0%
	2022	8.5%	7.1%	8.5%	7.9%	7.9%	8.8%	9.7%	9.5%	8.7%	8.2%	7.2%	7.8%	100.0%
	2023	8.5%	7.1%	8.5%	7.9%	7.9%	8.8%	9.7%	9.5%	8.7%	8.2%	7.2%	7.8%	100.0%
	2024	8.5%	7.1%	8.5%	7.9%	7.9%	8.8%	9.7%	9.5%	8.7%	8.2%	7.2%	7.8%	100.0%
	2025	8.5%	7.1%	8.5%	7.9%	7.9%	8.8%	9.7%	9.5%	8.7%	8.2%	7.2%	7.8%	100.0%
	2026	8.5%	7.1%	8.5%	7.9%	7.9%	8.8%	9.7%	9.5%	8.7%	8.2%	7.2%	7.8%	100.0%
	2027	8.5%	7.1%	8.5%	7.9%	7.9%	8.8%	9.7%	9.5%	8.7%	8.2%	7.2%	7.8%	100.0%
	2028	8.5%	7.1%	8.5%	7.9%	7.9%	8.8%	9.7%	9.5%	8.7%	8.2%	7.2%	7.8%	100.0%
Avg.	2009-2018	8.3%	7.1%	7.4%	7.5%	8.8%	9.1%	9.5%	10.3%	9.4%	8.2%	6.9%	7.6%	100.0%
	2019-2028	8.3%	6.9%	8.3%	7.7%	7.8%	8.6%	9.4%	9.4%	8.6%	8.8%	7.7%	8.4%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Mild Weather Case

Bushnell

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	7.0	7.1	5.6	4.5	5.4	5.8	5.2	5.7	5.6	5.8	4.0	4.4	7.1	5.8
	2010	8.0	6.0	6.0	4.1	5.5	5.9	5.6	6.0	5.7	5.1	4.0	7.2	8.0	6.0
	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	5.1	4.2	4.9	6.8	5.9
Projected	2019	6.4	5.7	4.5	4.7	5.2	5.5	5.3	5.8	5.6	6.5	9.6	11.2	6.4	5.8
	2020	14.7	13.1	10.3	10.7	11.9	12.5	12.2	13.4	12.9	11.6	9.7	11.4	14.7	13.4
	2021	14.9	13.3	10.4	10.8	12.0	12.7	12.4	13.5	13.0	11.7	9.8	11.5	14.9	13.5
	2022	15.0	13.4	10.5	10.9	12.1	12.8	12.5	13.6	13.1	11.8	9.9	11.5	15.0	13.6
	2023	15.1	13.5	10.6	11.0	12.2	12.9	12.6	13.7	13.3	11.9	10.0	11.6	15.1	13.7
	2024	15.2	13.6	10.7	11.1	12.3	13.0	12.7	13.9	13.4	12.0	10.0	11.7	15.2	13.9
	2025	15.3	13.7	10.8	11.2	12.4	13.1	12.8	14.0	13.5	12.1	10.1	11.8	15.3	14.0
	2026	15.5	13.8	10.9	11.3	12.5	13.2	12.9	14.1	13.6	12.2	10.2	11.9	15.5	14.1
	2027	15.6	13.9	10.9	11.4	12.6	13.3	13.0	14.2	13.7	12.3	10.3	12.0	15.6	14.2
	2028	15.7	14.0	11.0	11.5	12.7	13.4	13.1	14.3	13.8	12.4	10.4	12.1	15.7	14.3
Projected	2029	15.8	14.1	11.1	11.6	12.8	13.5	13.2	14.4	13.9	12.4	10.4	12.2	15.8	14.4
	2030	15.9	14.2	11.2	11.6	12.9	13.6	13.3	14.5	14.0	12.5	10.5	12.3	15.9	14.5
	2031	16.1	14.3	11.3	11.7	13.0	13.7	13.4	14.6	14.1	12.6	10.6	12.4	16.1	14.6
	2032	16.2	14.4	11.4	11.8	13.1	13.8	13.5	14.7	14.2	12.7	10.7	12.5	16.2	14.7
	2033	16.3	14.5	11.4	11.9	13.2	13.9	13.5	14.8	14.3	12.8	10.8	12.5	16.3	14.8
	2034	16.4	14.6	11.5	12.0	13.3	14.0	13.6	14.9	14.4	12.9	10.8	12.6	16.4	14.9
	2035	16.5	14.8	11.6	12.1	13.4	14.1	13.7	15.1	14.5	13.0	10.9	12.7	16.5	15.1
	2036	16.7	14.9	11.7	12.2	13.5	14.2	13.8	15.2	14.6	13.1	11.0	12.8	16.7	15.2
	2037	16.8	15.0	11.8	12.2	13.6	14.3	13.9	15.3	14.7	13.2	11.1	12.9	16.8	15.3
	2038	16.9	15.1	11.9	12.3	13.6	14.4	14.0	15.4	14.8	13.3	11.1	13.0	16.9	15.4

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	38.3%	38.1%	44.6%	55.1%	59.0%	54.1%	64.5%	60.0%	60.1%	51.7%	56.1%	59.8%	40.4%	49.1%
	2010	42.6%	52.1%	43.0%	56.5%	63.7%	57.0%	60.7%	57.2%	56.5%	49.7%	56.1%	49.7%	37.9%	50.5%
	2011	41.7%	44.9%	60.5%	52.6%	61.5%	56.2%	63.3%	58.4%	58.3%	54.5%	54.8%	57.4%	38.9%	47.2%
	2012	42.3%	39.5%	56.7%	51.9%	62.6%	54.0%	64.2%	57.3%	56.8%	53.0%	52.1%	59.5%	43.4%	49.2%
	2013	52.5%	44.9%	42.4%	51.4%	56.9%	54.9%	54.1%	56.8%	54.8%	54.7%	50.4%	53.1%	46.1%	45.2%
	2014	46.6%	47.1%	60.7%	47.9%	61.0%	53.1%	60.7%	56.9%	54.8%	52.2%	46.8%	52.2%	43.1%	47.3%
	2015	48.3%	39.5%	56.9%	56.2%	59.6%	53.6%	59.4%	55.6%	55.3%	52.3%	47.3%	59.5%	41.5%	48.0%
	2016	43.3%	45.5%	54.7%	50.0%	61.1%	57.8%	61.0%	56.6%	58.1%	53.5%	51.7%	54.0%	47.1%	46.6%
	2017	46.4%	56.8%	50.3%	47.0%	60.4%	52.5%	59.5%	58.6%	55.6%	52.4%	55.0%	49.0%	54.2%	46.0%
	2018	45.1%	56.2%	52.4%	55.8%	59.8%	57.0%	60.5%	62.0%	60.9%	56.0%	57.9%	51.4%	42.7%	49.2%
Projected	2019	40.8%	41.7%	54.1%	54.7%	61.9%	55.3%	60.3%	57.6%	55.5%	93.7%	55.6%	54.0%	56.3%	61.9%
	2020	43.8%	43.9%	62.4%	55.8%	55.7%	53.0%	61.6%	53.8%	52.8%	53.4%	55.5%	53.9%	43.6%	47.9%
	2021	43.7%	45.3%	62.3%	55.7%	55.6%	52.9%	61.5%	53.7%	52.7%	53.3%	55.5%	53.9%	43.5%	47.8%
	2022	43.7%	45.3%	62.3%	55.7%	55.6%	52.9%	61.5%	53.7%	52.7%	53.3%	55.5%	53.9%	43.5%	47.8%
	2023	43.7%	45.3%	62.3%	55.7%	55.6%	52.9%	61.5%	53.7%	52.7%	53.3%	55.5%	53.9%	43.5%	47.8%
	2024	43.7%	43.8%	62.3%	55.7%	55.6%	52.9%	61.5%	53.7%	52.7%	53.3%	55.5%	53.9%	43.5%	47.8%
	2025	43.7%	45.3%	62.3%	55.7%	55.6%	52.9%	61.5%	53.7%	52.7%	53.3%	55.6%	53.9%	43.5%	47.8%
	2026	43.7%	45.3%	62.3%	55.7%	55.6%	52.9%	61.5%	53.7%	52.7%	53.3%	55.6%	53.9%	43.5%	47.8%
	2027	43.7%	45.3%	62.3%	55.7%	55.6%	52.9%	61.5%	53.7%	52.7%	53.3%	55.6%	53.9%	43.5%	47.8%
	2028	43.7%	43.8%	62.3%	55.7%	55.6%	52.9%	61.5%	53.7%	52.7%	53.3%	55.6%	53.9%	43.5%	47.8%
Avg.	2009-2018	44.7%	46.4%	52.2%	52.4%	60.6%	55.0%	60.8%	58.0%	57.1%	53.0%	52.8%	54.6%	43.5%	47.8%
	2019-2028	43.4%	44.5%	61.5%	55.6%	56.2%	53.1%	61.4%	54.1%	53.0%	57.4%	55.6%	53.9%	44.8%	49.2%

FMPA 2019 Load Forecast - Mild Weather Case

Bushnell

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	6.6	6.7	5.6	3.9	4.6	5.8	4.9	5.6	5.4	5.1	3.0	4.3	6.7	5.8
	2010	7.9	5.8	6.0	3.7	4.8	5.9	5.3	5.0	5.5	4.6	3.8	7.0	7.9	5.9
	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	4.9	3.8	4.3	6.5	5.7
Projected	2019	6.3	5.7	4.0	4.4	4.7	5.3	5.1	5.4	5.4	6.3	8.7	9.8	6.3	5.4
	2020	14.4	12.9	9.3	10.0	10.8	12.0	11.6	12.3	12.4	11.1	8.7	9.9	14.4	12.3
	2021	14.6	13.1	9.4	10.1	10.9	12.1	11.7	12.5	12.5	11.2	8.8	10.0	14.6	12.5
	2022	14.7	13.2	9.4	10.2	11.0	12.2	11.8	12.6	12.6	11.3	8.9	10.1	14.7	12.6
	2023	14.8	13.3	9.5	10.2	11.1	12.3	11.9	12.7	12.7	11.4	9.0	10.1	14.8	12.7
	2024	14.9	13.4	9.6	10.3	11.2	12.4	12.0	12.8	12.8	11.5	9.0	10.2	14.9	12.8
	2025	15.0	13.5	9.7	10.4	11.3	12.5	12.1	12.9	12.9	11.6	9.1	10.3	15.0	12.9
	2026	15.1	13.6	9.7	10.5	11.4	12.6	12.2	13.0	13.0	11.7	9.2	10.4	15.1	13.0
	2027	15.3	13.7	9.8	10.6	11.5	12.7	12.3	13.1	13.1	11.7	9.2	10.5	15.3	13.1
	2028	15.4	13.8	9.9	10.7	11.6	12.8	12.4	13.2	13.2	11.8	9.3	10.5	15.4	13.2
Projected	2029	15.5	13.9	10.0	10.7	11.6	12.9	12.4	13.3	13.3	11.9	9.4	10.6	15.5	13.3
	2030	15.6	14.0	10.0	10.8	11.7	13.0	12.5	13.4	13.4	12.0	9.5	10.7	15.6	13.4
	2031	15.7	14.1	10.1	10.9	11.8	13.1	12.6	13.5	13.5	12.1	9.5	10.8	15.7	13.5
	2032	15.8	14.2	10.2	11.0	11.9	13.2	12.7	13.6	13.6	12.2	9.6	10.9	15.8	13.6
	2033	16.0	14.3	10.3	11.1	12.0	13.3	12.8	13.7	13.7	12.3	9.7	10.9	16.0	13.7
	2034	16.1	14.4	10.3	11.1	12.1	13.4	12.9	13.8	13.8	12.4	9.7	11.0	16.1	13.8
	2035	16.2	14.6	10.4	11.2	12.2	13.5	13.0	13.9	13.9	12.5	9.8	11.1	16.2	13.9
	2036	16.3	14.7	10.5	11.3	12.3	13.6	13.1	14.0	14.0	12.6	9.9	11.2	16.3	14.0
	2037	16.4	14.8	10.6	11.4	12.3	13.7	13.2	14.1	14.1	12.6	9.9	11.3	16.4	14.1
	2038	16.5	14.9	10.6	11.5	12.4	13.8	13.3	14.2	14.2	12.7	10.0	11.3	16.5	14.2

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	93.9%	94.4%	100.0%	87.6%	86.5%	98.4%	93.9%	98.5%	95.9%	88.2%	75.6%	98.1%	94.4%	98.4%
	2010	98.8%	96.4%	100.0%	91.1%	88.3%	99.5%	93.8%	83.8%	95.5%	89.0%	94.4%	97.4%	98.8%	97.6%
	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%	95.8%	89.9%	87.2%	96.0%	96.1%
Projected	2019	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2020	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2021	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2022	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2023	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2024	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2025	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2026	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2027	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2028	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2009-2018	97.9%	98.1%	89.6%	92.9%	91.0%	95.8%	94.9%	92.4%	95.8%	95.1%	89.8%	86.3%	94.0%	93.4%
	2019-2028	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%

FMPA 2019 Load Forecast - Mild Weather Case - Bushnell

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	8,512		743		11,454		14,810		283		52.4		23,322		1,515	6.1%	24,837	
	2010	9,223	8.4%	739	-0.5%	12,475	8.9%	16,175	9.2%	283	-0.1%	57.3	9.3%	25,398	8.9%	881	3.4%	26,279	5.8%
	2011	8,480	-8.1%	724	-2.0%	11,707	-6.2%	15,544	-3.9%	279	-1.2%	55.7	-2.7%	24,024	-5.4%	1,287	5.1%	25,311	-3.7%
	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	8,728	6.3%	776	1.3%	11,250	4.9%	15,534	3.6%	283	-1.2%	54.9	4.9%	24,262	4.6%	1,168	4.6%	25,430	4.5%
Projected	2019	8,334	-4.5%	774	-0.3%	10,773	-4.2%	15,166	-2.4%	282	-0.3%	53.7	-2.1%	23,500	-3.1%	1,034	4.2%	24,534	-3.5%
	2020	12,172	46.1%	1,141	47.5%	10,666	-1.0%	41,508	173.7%	524	85.5%	79.3	47.5%	53,680	128.4%	2,379	4.2%	56,059	128.5%
	2021	12,263	0.7%	1,146	0.4%	10,705	0.4%	41,863	0.9%	527	0.7%	79.4	0.1%	54,126	0.8%	2,399	4.2%	56,525	0.8%
	2022	12,335	0.6%	1,150	0.4%	10,727	0.2%	42,225	0.9%	531	0.7%	79.5	0.2%	54,560	0.8%	2,418	4.2%	56,977	0.8%
	2023	12,413	0.6%	1,154	0.4%	10,756	0.3%	42,586	0.9%	535	0.6%	79.7	0.2%	54,999	0.8%	2,437	4.2%	57,436	0.8%
	2024	12,493	0.6%	1,158	0.4%	10,786	0.3%	42,947	0.8%	538	0.6%	79.9	0.2%	55,440	0.8%	2,457	4.2%	57,897	0.8%
	2025	12,574	0.6%	1,162	0.3%	10,818	0.3%	43,309	0.8%	541	0.6%	80.1	0.3%	55,883	0.8%	2,476	4.2%	58,359	0.8%
	2026	12,655	0.6%	1,166	0.3%	10,853	0.3%	43,671	0.8%	544	0.5%	80.3	0.3%	56,326	0.8%	2,496	4.2%	58,822	0.8%
	2027	12,738	0.7%	1,170	0.3%	10,889	0.3%	44,028	0.8%	547	0.5%	80.6	0.3%	56,766	0.8%	2,515	4.2%	59,281	0.8%
	2028	12,819	0.6%	1,173	0.3%	10,925	0.3%	44,386	0.8%	549	0.5%	80.8	0.3%	57,205	0.8%	2,535	4.2%	59,740	0.8%
	2029	12,900	0.6%	1,177	0.3%	10,961	0.3%	44,744	0.8%	552	0.5%	81.1	0.3%	57,644	0.8%	2,554	4.2%	60,198	0.8%
	2030	12,981	0.6%	1,180	0.3%	10,998	0.3%	45,101	0.8%	554	0.5%	81.4	0.3%	58,082	0.8%	2,574	4.2%	60,656	0.8%
	2031	13,060	0.6%	1,184	0.3%	11,033	0.3%	45,457	0.8%	557	0.4%	81.6	0.3%	58,517	0.7%	2,593	4.2%	61,110	0.7%
	2032	13,137	0.6%	1,187	0.3%	11,069	0.3%	45,808	0.8%	559	0.4%	81.9	0.3%	58,945	0.7%	2,612	4.2%	61,557	0.7%
	2033	13,213	0.6%	1,190	0.3%	11,103	0.3%	46,159	0.8%	562	0.4%	82.2	0.3%	59,372	0.7%	2,631	4.2%	62,003	0.7%
	2034	13,289	0.6%	1,193	0.3%	11,138	0.3%	46,511	0.8%	564	0.4%	82.5	0.3%	59,801	0.7%	2,650	4.2%	62,451	0.7%
	2035	13,366	0.6%	1,196	0.3%	11,173	0.3%	46,866	0.8%	566	0.4%	82.8	0.4%	60,232	0.7%	2,669	4.2%	62,901	0.7%
	2036	13,444	0.6%	1,199	0.3%	11,210	0.3%	47,221	0.8%	568	0.4%	83.1	0.4%	60,665	0.7%	2,688	4.2%	63,353	0.7%
	2037	13,520	0.6%	1,202	0.2%	11,246	0.3%	47,575	0.7%	571	0.4%	83.4	0.4%	61,095	0.7%	2,707	4.2%	63,802	0.7%
	2038	13,591	0.5%	1,205	0.2%	11,277	0.3%	47,928	0.7%	573	0.4%	83.7	0.3%	61,519	0.7%	2,726	4.2%	64,246	0.7%
CAGR	2009-2018		0.3%		0.5%		-0.2%		0.5%		0.0%		0.5%		0.4%		4.4%		0.3%
	2019-2028		4.9%		4.7%		0.2%		12.7%		7.7%		4.6%		10.4%		4.2%		10.4%
	2029-2038		0.6%		0.3%		0.3%		0.8%		0.4%		0.3%		0.7%		4.2%		0.7%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - Severe Weather Case

Bushnell

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	24,837	-	24,762	-	-0.3%	6.7	-	5.9	-	-11.9%	5.8	-	5.8		1.3%
	2010	26,279	5.8%	25,002	1.0%	-4.9%	7.9	18.2%	6.4	8.7%	-19.0%	5.9	2.1%	5.0	-14.4%	-15.0%
	2011	25,311	-3.7%	24,549	-1.8%	-3.0%	7.0	-12.1%	7.1	10.5%	1.9%	5.2	-11.8%	5.1	3.0%	-0.8%
	2012	23,675	-6.5%	24,077	-1.9%	1.7%	5.5	-20.8%	5.6	-20.6%	2.2%	4.8	-8.3%	5.8	12.7%	21.9%
	2013	23,262	-1.7%	23,472	-2.5%	0.9%	5.8	4.2%	5.6	-1.3%	-3.2%	5.0	5.8%	5.3	-8.8%	5.0%
	2014	23,792	2.3%	23,634	0.7%	-0.7%	6.3	10.1%	6.8	22.4%	7.6%	5.4	7.1%	5.3	0.6%	-1.4%
	2015	24,259	2.0%	23,745	0.5%	-2.1%	6.7	5.7%	7.2	5.6%	7.5%	5.6	4.0%	5.4	2.3%	-2.9%
	2016	24,927	2.8%	24,366	2.6%	-2.3%	5.1	-23.2%	5.9	-18.6%	14.0%	5.6	-0.4%	5.2	-4.3%	-6.8%
	2017	24,334	-2.4%	24,690	1.3%	1.5%	4.1	-19.8%	5.6	-4.9%	35.1%	6.1	9.8%	6.1	16.6%	-1.0%
	2018	25,430	4.5%	25,319	2.5%	-0.4%	6.5	58.6%	7.7	38.9%	18.4%	5.7	-7.3%	5.9	-2.9%	3.7%
Projected	2019	26,253	3.2%	26,253	3.7%		6.7	3.1%	6.7	-12.9%		5.8	1.8%	5.8	-1.9%	
	2020			57,866	120.4%				14.9	120.2%				12.7	120.2%	
	2021			58,346	0.8%				15.0	1.0%				12.9	1.0%	
	2022			58,811	0.8%				15.1	0.8%				13.0	0.8%	
	2023			59,283	0.8%				15.3	0.8%				13.1	0.8%	
	2024			59,757	0.8%				15.4	0.8%				13.2	0.8%	
	2025			60,233	0.8%				15.5	0.8%				13.3	0.8%	
	2026			60,709	0.8%				15.6	0.8%				13.4	0.8%	
	2027			61,181	0.8%				15.7	0.8%				13.5	0.8%	
	2028			61,653	0.8%				15.9	0.8%				13.6	0.8%	
	2029			62,125	0.8%				16.0	0.8%				13.7	0.8%	
	2030			62,596	0.8%				16.1	0.8%				13.8	0.8%	
	2031			63,062	0.7%				16.2	0.7%				13.9	0.7%	
	2032			63,521	0.7%				16.3	0.7%				14.0	0.7%	
	2033			63,980	0.7%				16.5	0.7%				14.1	0.7%	
	2034			64,439	0.7%				16.6	0.7%				14.2	0.7%	
	2035			64,901	0.7%				16.7	0.7%				14.3	0.7%	
	2036			65,366	0.7%				16.8	0.7%				14.4	0.7%	
	2037			65,827	0.7%				16.9	0.7%				14.5	0.7%	
	2038			66,282	0.7%				17.0	0.7%				14.6	0.7%	
CAGR [3]	2009-2018		0.3%		0.2%			-0.3%		3.0%			-0.2%		0.1%	
	2019-2028				10.0%					10.0%					10.0%	
	2029-2038				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 2019 Load Forecast - Severe Weather Case

Bushnell

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	24,837	-	24,762	-	-0.3%	7.1	-	39.9%	5.8	-	48.5%
	2010	26,279	5.8%	25,002	1.0%	-4.9%	8.0	12.9%	37.4%	6.0	3.0%	49.8%
	2011	25,311	-3.7%	24,549	-1.8%	-3.0%	7.2	-10.9%	40.4%	5.9	-2.1%	49.0%
	2012	23,675	-6.5%	24,077	-1.9%	1.7%	6.3	-12.1%	43.0%	5.6	-5.8%	48.7%
	2013	23,262	-1.7%	23,472	-2.5%	0.9%	5.8	-8.6%	46.2%	5.9	5.5%	45.3%
	2014	23,792	2.3%	23,634	0.7%	-0.7%	6.3	10.1%	42.9%	5.8	-1.5%	47.0%
	2015	24,259	2.0%	23,745	0.5%	-2.1%	6.7	5.7%	41.4%	5.8	0.4%	47.8%
	2016	24,927	2.8%	24,366	2.6%	-2.3%	6.0	-10.6%	47.5%	6.1	4.5%	47.0%
	2017	24,334	-2.4%	24,690	1.3%	1.5%	5.2	-13.1%	53.4%	6.1	1.1%	45.4%
	2018	25,430	4.5%	25,319	2.5%	-0.4%	6.8	31.1%	42.6%	5.9	-3.5%	49.1%
Projected	2019	26,253	3.2%	26,253	3.7%		6.9	1.1%	43.5%	6.3	6.1%	47.8%
	2020	57,866	120.4%	57,866	120.4%		15.2	120.2%	43.5%	13.8	120.2%	47.8%
	2021	58,346	0.8%	58,346	0.8%		15.3	1.0%	43.4%	14.0	1.0%	47.7%
	2022	58,811	0.8%	58,811	0.8%		15.5	0.8%	43.4%	14.1	0.8%	47.7%
	2023	59,283	0.8%	59,283	0.8%		15.6	0.8%	43.4%	14.2	0.8%	47.7%
	2024	59,757	0.8%	59,757	0.8%		15.7	0.8%	43.4%	14.3	0.8%	47.7%
	2025	60,233	0.8%	60,233	0.8%		15.8	0.8%	43.4%	14.4	0.8%	47.7%
	2026	60,709	0.8%	60,709	0.8%		16.0	0.8%	43.4%	14.5	0.8%	47.7%
	2027	61,181	0.8%	61,181	0.8%		16.1	0.8%	43.4%	14.6	0.8%	47.7%
	2028	61,653	0.8%	61,653	0.8%		16.2	0.8%	43.4%	14.7	0.8%	47.7%
	2029	62,125	0.8%	62,125	0.8%		16.3	0.8%	43.4%	14.9	0.8%	47.7%
	2030	62,596	0.8%	62,596	0.8%		16.4	0.8%	43.4%	15.0	0.8%	47.7%
	2031	63,062	0.7%	63,062	0.7%		16.6	0.7%	43.4%	15.1	0.7%	47.7%
	2032	63,521	0.7%	63,521	0.7%		16.7	0.7%	43.4%	15.2	0.7%	47.7%
	2033	63,980	0.7%	63,980	0.7%		16.8	0.7%	43.4%	15.3	0.7%	47.7%
	2034	64,439	0.7%	64,439	0.7%		16.9	0.7%	43.4%	15.4	0.7%	47.7%
	2035	64,901	0.7%	64,901	0.7%		17.1	0.7%	43.4%	15.5	0.7%	47.7%
	2036	65,366	0.7%	65,366	0.7%		17.2	0.7%	43.4%	15.6	0.7%	47.7%
	2037	65,827	0.7%	65,827	0.7%		17.3	0.7%	43.4%	15.7	0.7%	47.7%
	2038	66,282	0.7%	66,282	0.7%		17.4	0.7%	43.4%	15.8	0.7%	47.7%
CAGR [1]	2009-2018		0.3%		0.2%			-0.5%	43.5%		0.1%	47.8%
	2019-2028		10.0%		10.0%			10.0%	43.4%		10.0%	47.7%
	2029-2038		0.7%		0.7%			0.7%	43.4%		0.7%	47.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Severe Weather Case

Bushnell

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	1,991	1,820	1,854	1,824	2,125	2,355	2,408	2,554	2,427	2,214	1,674	1,884	25,132	24,837
	2010	2,546	2,108	1,916	1,722	2,349	2,504	2,458	2,565	2,338	1,894	1,673	2,560	26,633	26,279
	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	2,129	1,814	1,971	25,631	25,430
Projected	2019	2,436	1,971	1,969	1,908	2,159	2,325	2,479	2,689	2,404	4,639	3,988	4,524	33,491	26,253
	2020	5,283	4,375	4,949	4,457	4,449	5,018	5,582	5,542	5,060	4,677	4,021	4,561	57,974	57,866
	2021	5,326	4,411	4,991	4,495	4,486	5,060	5,629	5,588	5,101	4,715	4,054	4,597	58,453	58,346
	2022	5,368	4,446	5,031	4,531	4,522	5,100	5,673	5,632	5,142	4,753	4,087	4,634	58,919	58,811
	2023	5,410	4,481	5,071	4,567	4,559	5,141	5,718	5,677	5,183	4,792	4,120	4,671	59,391	59,283
	2024	5,453	4,516	5,112	4,604	4,595	5,182	5,764	5,723	5,225	4,830	4,153	4,709	59,866	59,757
	2025	5,496	4,552	5,152	4,641	4,632	5,224	5,810	5,768	5,266	4,869	4,186	4,746	60,342	60,233
	2026	5,539	4,588	5,193	4,678	4,669	5,265	5,855	5,813	5,308	4,907	4,219	4,783	60,817	60,709
	2027	5,582	4,623	5,234	4,715	4,705	5,306	5,901	5,858	5,349	4,945	4,252	4,820	61,289	61,181
	2028	5,624	4,659	5,274	4,752	4,742	5,347	5,946	5,903	5,390	4,983	4,284	4,857	61,761	61,653
Projected	2029	5,667	4,694	5,315	4,788	4,778	5,388	5,991	5,948	5,431	5,021	4,317	4,894	62,233	62,125
	2030	5,710	4,729	5,356	4,825	4,814	5,428	6,037	5,993	5,472	5,059	4,350	4,931	62,703	62,596
	2031	5,752	4,765	5,396	4,861	4,850	5,469	6,081	6,037	5,512	5,096	4,382	4,967	63,167	63,062
	2032	5,794	4,799	5,436	4,897	4,885	5,508	6,125	6,080	5,552	5,133	4,414	5,003	63,626	63,521
	2033	5,836	4,834	5,475	4,933	4,920	5,548	6,169	6,123	5,591	5,170	4,446	5,039	64,085	63,980
	2034	5,877	4,868	5,515	4,969	4,956	5,588	6,214	6,167	5,631	5,207	4,478	5,076	64,544	64,439
	2035	5,919	4,903	5,555	5,005	4,991	5,628	6,258	6,211	5,672	5,244	4,510	5,112	65,008	64,901
	2036	5,961	4,938	5,596	5,041	5,027	5,668	6,303	6,255	5,712	5,281	4,542	5,149	65,472	65,366
	2037	6,003	4,973	5,636	5,077	5,062	5,708	6,347	6,298	5,751	5,318	4,574	5,185	65,931	65,827
	2038	6,044	5,007	5,675	5,112	5,097	5,747	6,391	6,341	5,790	5,355	4,605	5,221	66,385	66,282

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	7.9%	7.2%	7.4%	7.3%	8.5%	9.4%	9.6%	10.2%	9.7%	8.8%	6.7%	7.5%	100.0%
	2010	9.6%	7.9%	7.2%	6.5%	8.8%	9.4%	9.2%	9.6%	8.8%	7.1%	6.3%	9.6%	100.0%
	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%	8.9%	9.0%	10.3%	10.1%	8.3%	7.1%	7.7%	100.0%
Projected	2019	7.3%	5.9%	5.9%	5.7%	6.4%	6.9%	7.4%	8.0%	7.2%	13.9%	11.9%	13.5%	100.0%
	2020	9.1%	7.5%	8.5%	7.7%	7.7%	8.7%	9.6%	9.6%	8.7%	8.1%	6.9%	7.9%	100.0%
	2021	9.1%	7.5%	8.5%	7.7%	7.7%	8.7%	9.6%	9.6%	8.7%	8.1%	6.9%	7.9%	100.0%
	2022	9.1%	7.5%	8.5%	7.7%	7.7%	8.7%	9.6%	9.6%	8.7%	8.1%	6.9%	7.9%	100.0%
	2023	9.1%	7.5%	8.5%	7.7%	7.7%	8.7%	9.6%	9.6%	8.7%	8.1%	6.9%	7.9%	100.0%
	2024	9.1%	7.5%	8.5%	7.7%	7.7%	8.7%	9.6%	9.6%	8.7%	8.1%	6.9%	7.9%	100.0%
	2025	9.1%	7.5%	8.5%	7.7%	7.7%	8.7%	9.6%	9.6%	8.7%	8.1%	6.9%	7.9%	100.0%
	2026	9.1%	7.5%	8.5%	7.7%	7.7%	8.7%	9.6%	9.6%	8.7%	8.1%	6.9%	7.9%	100.0%
	2027	9.1%	7.5%	8.5%	7.7%	7.7%	8.7%	9.6%	9.6%	8.7%	8.1%	6.9%	7.9%	100.0%
	2028	9.1%	7.5%	8.5%	7.7%	7.7%	8.7%	9.6%	9.6%	8.7%	8.1%	6.9%	7.9%	100.0%
Avg.	2009-2018	8.3%	7.1%	7.4%	7.5%	8.8%	9.1%	9.5%	10.2%	9.4%	8.2%	6.9%	7.6%	100.0%
	2019-2028	8.9%	7.4%	8.3%	7.5%	7.6%	8.5%	9.4%	9.4%	8.6%	8.6%	7.4%	8.4%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Severe Weather Case

Bushnell

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	7.0	7.1	5.6	4.5	5.4	5.8	5.2	5.7	5.6	5.8	4.0	4.4	7.1	5.8
	2010	8.0	6.0	6.0	4.1	5.5	5.9	5.6	6.0	5.7	5.1	4.0	7.2	8.0	6.0
	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	5.1	4.5	5.3	6.8	5.9
Projected	2019	6.9	6.2	4.8	5.0	5.6	5.9	5.7	6.3	6.1	6.9	9.9	11.6	6.9	6.3
	2020	15.2	13.5	10.7	11.1	12.3	12.9	12.6	13.8	13.3	11.9	10.0	11.7	15.2	13.8
	2021	15.3	13.7	10.8	11.2	12.4	13.1	12.7	14.0	13.5	12.1	10.1	11.8	15.3	14.0
	2022	15.5	13.8	10.9	11.3	12.5	13.2	12.8	14.1	13.6	12.2	10.2	11.9	15.5	14.1
	2023	15.6	13.9	10.9	11.4	12.6	13.3	12.9	14.2	13.7	12.3	10.3	12.0	15.6	14.2
	2024	15.7	14.0	11.0	11.5	12.7	13.4	13.1	14.3	13.8	12.4	10.4	12.1	15.7	14.3
	2025	15.8	14.1	11.1	11.6	12.8	13.5	13.2	14.4	13.9	12.4	10.4	12.2	15.8	14.4
	2026	16.0	14.2	11.2	11.6	12.9	13.6	13.3	14.5	14.0	12.5	10.5	12.3	16.0	14.5
	2027	16.1	14.3	11.3	11.7	13.0	13.7	13.4	14.6	14.1	12.6	10.6	12.4	16.1	14.6
	2028	16.2	14.5	11.4	11.8	13.1	13.8	13.5	14.7	14.2	12.7	10.7	12.5	16.2	14.7
Projected	2029	16.3	14.6	11.5	11.9	13.2	13.9	13.6	14.9	14.3	12.8	10.8	12.6	16.3	14.9
	2030	16.4	14.7	11.6	12.0	13.3	14.0	13.7	15.0	14.4	12.9	10.8	12.7	16.4	15.0
	2031	16.6	14.8	11.6	12.1	13.4	14.1	13.8	15.1	14.5	13.0	10.9	12.8	16.6	15.1
	2032	16.7	14.9	11.7	12.2	13.5	14.2	13.9	15.2	14.6	13.1	11.0	12.8	16.7	15.2
	2033	16.8	15.0	11.8	12.3	13.6	14.3	14.0	15.3	14.8	13.2	11.1	12.9	16.8	15.3
	2034	16.9	15.1	11.9	12.4	13.7	14.4	14.1	15.4	14.9	13.3	11.2	13.0	16.9	15.4
	2035	17.1	15.2	12.0	12.4	13.8	14.5	14.2	15.5	15.0	13.4	11.2	13.1	17.1	15.5
	2036	17.2	15.3	12.1	12.5	13.9	14.6	14.3	15.6	15.1	13.5	11.3	13.2	17.2	15.6
	2037	17.3	15.4	12.1	12.6	14.0	14.7	14.4	15.7	15.2	13.6	11.4	13.3	17.3	15.7
	2038	17.4	15.5	12.2	12.7	14.1	14.8	14.5	15.8	15.3	13.7	11.5	13.4	17.4	15.8

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	38.3%	38.1%	44.6%	55.1%	59.0%	54.1%	64.5%	60.0%	60.1%	51.7%	56.1%	59.8%	40.4%	49.1%
	2010	42.6%	52.1%	43.0%	56.5%	63.7%	57.0%	60.7%	57.2%	56.5%	49.7%	56.1%	49.7%	37.9%	50.5%
	2011	41.7%	44.9%	60.5%	52.6%	61.5%	56.2%	63.3%	58.4%	58.3%	54.5%	54.8%	57.4%	38.9%	47.2%
	2012	42.3%	39.5%	56.7%	51.9%	62.6%	54.0%	64.2%	57.3%	56.8%	53.0%	52.1%	59.5%	43.4%	49.2%
	2013	52.5%	44.9%	42.4%	51.4%	56.9%	54.9%	54.1%	56.8%	54.8%	54.7%	50.4%	53.1%	46.1%	45.2%
	2014	46.6%	47.1%	60.7%	47.9%	61.0%	53.1%	60.7%	56.9%	54.8%	52.2%	46.8%	52.2%	43.1%	47.3%
	2015	48.3%	39.5%	56.9%	56.2%	59.6%	53.6%	59.4%	55.6%	55.3%	52.3%	47.3%	59.5%	41.5%	48.0%
	2016	43.3%	45.5%	54.7%	50.0%	61.1%	57.8%	61.0%	56.6%	58.1%	53.5%	51.7%	54.0%	47.1%	46.6%
	2017	46.4%	56.8%	50.3%	47.0%	60.4%	52.5%	59.5%	58.6%	55.6%	52.4%	55.0%	49.0%	54.2%	46.0%
	2018	45.1%	56.2%	52.4%	55.8%	59.8%	57.0%	60.5%	62.0%	60.9%	56.0%	54.0%	51.9%	42.9%	49.5%
Projected	2019	47.5%	47.7%	54.6%	51.0%	57.7%	53.2%	60.1%	57.6%	55.2%	90.3%	53.9%	54.2%	55.5%	60.9%
	2020	46.8%	46.4%	62.4%	54.1%	54.0%	52.1%	61.5%	53.9%	52.8%	52.7%	53.8%	54.1%	43.6%	47.9%
	2021	46.7%	48.0%	62.3%	54.0%	53.9%	52.0%	61.3%	53.8%	52.6%	52.6%	53.8%	54.1%	43.5%	47.8%
	2022	46.7%	48.0%	62.3%	54.0%	53.9%	52.0%	61.3%	53.8%	52.7%	52.6%	53.8%	54.1%	43.5%	47.8%
	2023	46.7%	48.0%	62.3%	54.0%	53.9%	52.0%	61.3%	53.8%	52.7%	52.6%	53.8%	54.1%	43.5%	47.8%
	2024	46.7%	46.3%	62.3%	54.0%	53.9%	52.0%	61.3%	53.8%	52.7%	52.6%	53.9%	54.1%	43.5%	47.8%
	2025	46.7%	48.0%	62.3%	54.0%	53.9%	52.0%	61.3%	53.8%	52.7%	52.6%	53.9%	54.1%	43.5%	47.8%
	2026	46.7%	48.0%	62.3%	54.0%	53.9%	52.0%	61.3%	53.8%	52.7%	52.6%	53.9%	54.1%	43.5%	47.8%
	2027	46.7%	48.0%	62.3%	54.0%	53.9%	52.0%	61.3%	53.8%	52.7%	52.6%	53.9%	54.1%	43.5%	47.8%
	2028	46.7%	46.3%	62.3%	54.0%	53.9%	52.0%	61.3%	53.8%	52.7%	52.6%	53.9%	54.1%	43.5%	47.8%
Avg.	2009-2018	44.7%	46.4%	52.2%	52.4%	60.6%	55.0%	60.8%	58.0%	57.1%	53.0%	52.4%	54.6%	43.5%	47.8%
	2019-2028	46.8%	47.5%	61.5%	53.7%	54.3%	52.2%	61.2%	54.2%	52.9%	56.3%	53.9%	54.1%	44.7%	49.1%

FMPA 2019 Load Forecast - Severe Weather Case

Bushnell

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	6.6	6.7	5.6	3.9	4.6	5.8	4.9	5.6	5.4	5.1	3.0	4.3	6.7	5.8
	2010	7.9	5.8	6.0	3.7	4.8	5.9	5.3	5.0	5.5	4.6	3.8	7.0	7.9	5.9
	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	4.9	4.1	4.6	6.5	5.7
Projected	2019	6.7	6.1	4.3	4.7	5.1	5.6	5.4	5.8	5.8	6.6	8.9	10.1	6.7	5.8
	2020	14.9	13.4	9.5	10.3	11.2	12.4	11.9	12.7	12.8	11.4	9.0	10.2	14.9	12.7
	2021	15.0	13.5	9.6	10.4	11.3	12.5	12.1	12.9	12.9	11.6	9.1	10.3	15.0	12.9
	2022	15.1	13.6	9.7	10.5	11.4	12.6	12.2	13.0	13.0	11.6	9.2	10.4	15.1	13.0
	2023	15.3	13.7	9.8	10.6	11.5	12.7	12.2	13.1	13.1	11.7	9.2	10.5	15.3	13.1
	2024	15.4	13.8	9.9	10.7	11.6	12.8	12.3	13.2	13.2	11.8	9.3	10.5	15.4	13.2
	2025	15.5	13.9	10.0	10.7	11.6	12.9	12.4	13.3	13.3	11.9	9.4	10.6	15.5	13.3
	2026	15.6	14.0	10.0	10.8	11.7	13.0	12.5	13.4	13.4	12.0	9.5	10.7	15.6	13.4
	2027	15.7	14.1	10.1	10.9	11.8	13.1	12.6	13.5	13.5	12.1	9.5	10.8	15.7	13.5
	2028	15.9	14.3	10.2	11.0	11.9	13.2	12.7	13.6	13.6	12.2	9.6	10.9	15.9	13.6
Projected	2029	16.0	14.4	10.3	11.1	12.0	13.3	12.8	13.7	13.7	12.3	9.7	11.0	16.0	13.7
	2030	16.1	14.5	10.3	11.2	12.1	13.4	12.9	13.8	13.8	12.4	9.8	11.0	16.1	13.8
	2031	16.2	14.6	10.4	11.2	12.2	13.5	13.0	13.9	13.9	12.5	9.8	11.1	16.2	13.9
	2032	16.3	14.7	10.5	11.3	12.3	13.6	13.1	14.0	14.0	12.6	9.9	11.2	16.3	14.0
	2033	16.5	14.8	10.6	11.4	12.4	13.7	13.2	14.1	14.1	12.7	10.0	11.3	16.5	14.1
	2034	16.6	14.9	10.7	11.5	12.5	13.8	13.3	14.2	14.2	12.8	10.0	11.4	16.6	14.2
	2035	16.7	15.0	10.7	11.6	12.5	13.9	13.4	14.3	14.3	12.8	10.1	11.4	16.7	14.3
	2036	16.8	15.1	10.8	11.6	12.6	14.0	13.5	14.4	14.4	12.9	10.2	11.5	16.8	14.4
	2037	16.9	15.2	10.9	11.7	12.7	14.1	13.6	14.5	14.5	13.0	10.3	11.6	16.9	14.5
	2038	17.0	15.3	11.0	11.8	12.8	14.2	13.7	14.6	14.6	13.1	10.3	11.7	17.0	14.6

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	93.9%	94.4%	100.0%	87.6%	86.5%	98.4%	93.9%	98.5%	95.9%	88.2%	75.6%	98.1%	94.4%	98.4%
	2010	98.8%	96.4%	100.0%	91.1%	88.3%	99.5%	93.8%	83.8%	95.5%	89.0%	94.4%	97.4%	98.8%	97.6%
	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%	95.8%	89.9%	87.2%	96.0%	96.1%
Projected	2019	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2020	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2021	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2022	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2023	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2024	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2025	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2026	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2027	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2028	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%
	2009-2018	97.9%	98.1%	89.6%	92.9%	91.0%	95.8%	94.9%	92.4%	95.8%	95.1%	89.8%	86.3%	94.0%	93.4%
	2019-2028	97.9%	98.6%	89.6%	92.9%	91.0%	95.8%	94.6%	92.1%	95.8%	95.8%	89.9%	87.2%	97.9%	92.1%

FMPA 2019 Load Forecast - Severe Weather Case - Bushnell

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

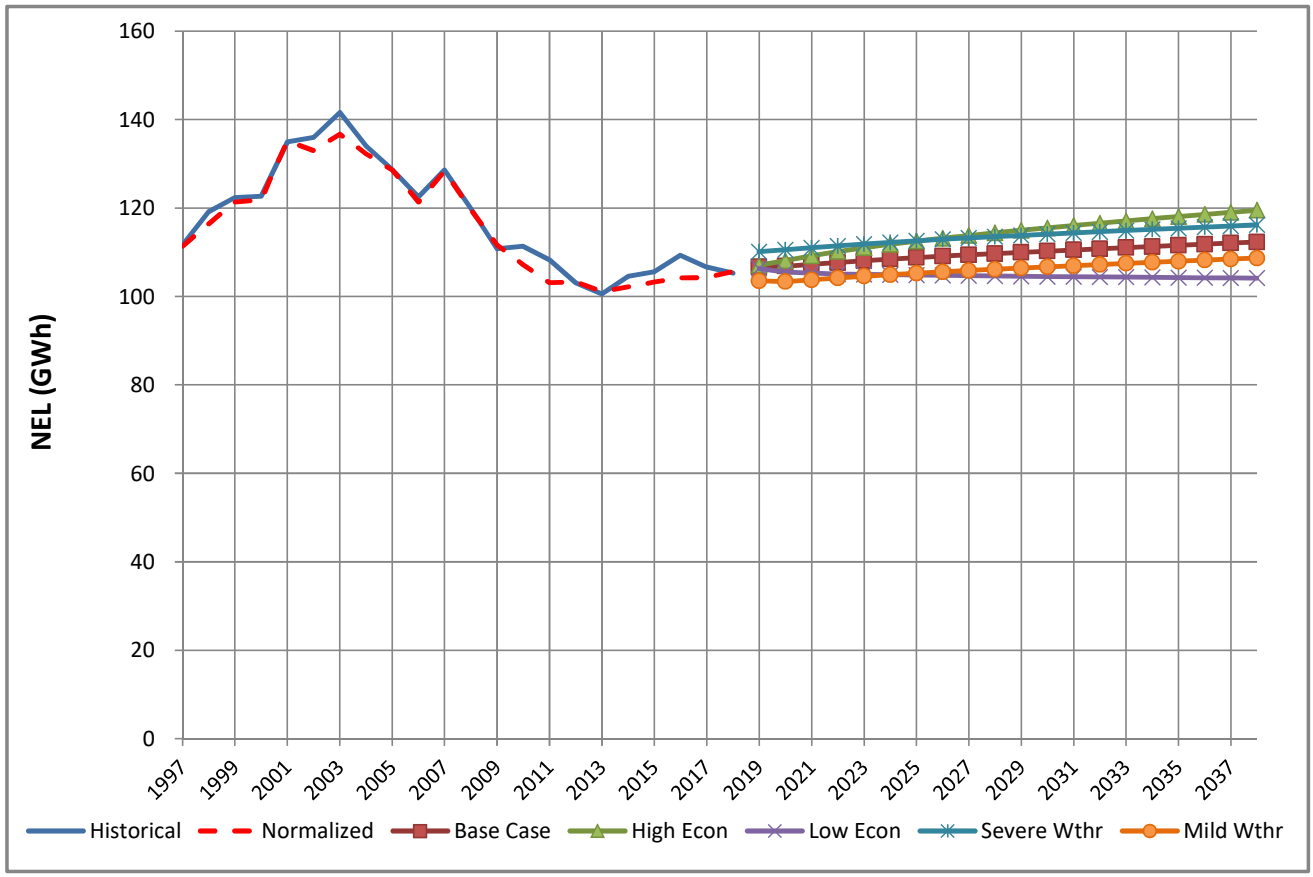
		Residential						General Service						TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2009	8,512		743		11,454		14,810		283		52.4		23,322		1,515	6.1%	24,837	
	2010	9,223	8.4%	739	-0.5%	12,475	8.9%	16,175	9.2%	283	-0.1%	57.3	9.3%	25,398	8.9%	881	3.4%	26,279	5.8%
	2011	8,480	-8.1%	724	-2.0%	11,707	-6.2%	15,544	-3.9%	279	-1.2%	55.7	-2.7%	24,024	-5.4%	1,287	5.1%	25,311	-3.7%
	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	8,728	6.3%	776	1.3%	11,250	4.9%	15,534	3.6%	283	-1.2%	54.9	4.9%	24,262	4.6%	1,168	4.6%	25,430	4.5%
Projected	2019	9,555	9.5%	774	-0.3%	12,352	9.8%	15,592	0.4%	282	-0.3%	55.3	0.7%	25,147	3.6%	1,106	4.2%	26,253	3.2%
	2020	13,449	40.8%	1,141	47.5%	11,786	-4.6%	41,967	169.2%	524	85.5%	80.2	45.1%	55,416	120.4%	2,450	4.2%	57,866	120.4%
	2021	13,550	0.7%	1,146	0.4%	11,829	0.4%	42,326	0.9%	527	0.7%	80.2	0.1%	55,876	0.8%	2,470	4.2%	58,346	0.8%
	2022	13,629	0.6%	1,150	0.4%	11,853	0.2%	42,692	0.9%	531	0.7%	80.4	0.2%	56,321	0.8%	2,490	4.2%	58,811	0.8%
	2023	13,715	0.6%	1,154	0.4%	11,884	0.3%	43,058	0.9%	535	0.6%	80.5	0.2%	56,773	0.8%	2,510	4.2%	59,283	0.8%
	2024	13,804	0.6%	1,158	0.4%	11,918	0.3%	43,423	0.8%	538	0.6%	80.7	0.2%	57,227	0.8%	2,530	4.2%	59,757	0.8%
	2025	13,893	0.6%	1,162	0.3%	11,953	0.3%	43,790	0.8%	541	0.6%	81.0	0.3%	57,683	0.8%	2,550	4.2%	60,233	0.8%
	2026	13,983	0.6%	1,166	0.3%	11,991	0.3%	44,155	0.8%	544	0.5%	81.2	0.3%	58,139	0.8%	2,570	4.2%	60,709	0.8%
	2027	14,074	0.7%	1,170	0.3%	12,032	0.3%	44,517	0.8%	547	0.5%	81.5	0.3%	58,591	0.8%	2,590	4.2%	61,181	0.8%
	2028	14,164	0.6%	1,173	0.3%	12,072	0.3%	44,879	0.8%	549	0.5%	81.7	0.3%	59,043	0.8%	2,610	4.2%	61,653	0.8%
	2029	14,254	0.6%	1,177	0.3%	12,112	0.3%	45,240	0.8%	552	0.5%	82.0	0.3%	59,494	0.8%	2,630	4.2%	62,125	0.8%
	2030	14,343	0.6%	1,180	0.3%	12,152	0.3%	45,602	0.8%	554	0.5%	82.3	0.3%	59,946	0.8%	2,650	4.2%	62,596	0.8%
	2031	14,431	0.6%	1,184	0.3%	12,191	0.3%	45,961	0.8%	557	0.4%	82.5	0.3%	60,392	0.7%	2,670	4.2%	63,062	0.7%
	2032	14,516	0.6%	1,187	0.3%	12,230	0.3%	46,316	0.8%	559	0.4%	82.8	0.3%	60,832	0.7%	2,689	4.2%	63,521	0.7%
	2033	14,600	0.6%	1,190	0.3%	12,268	0.3%	46,671	0.8%	562	0.4%	83.1	0.3%	61,271	0.7%	2,709	4.2%	63,980	0.7%
	2034	14,684	0.6%	1,193	0.3%	12,307	0.3%	47,027	0.8%	564	0.4%	83.4	0.3%	61,711	0.7%	2,728	4.2%	64,439	0.7%
	2035	14,769	0.6%	1,196	0.3%	12,346	0.3%	47,385	0.8%	566	0.4%	83.7	0.3%	62,153	0.7%	2,748	4.2%	64,901	0.7%
	2036	14,855	0.6%	1,199	0.3%	12,386	0.3%	47,744	0.8%	568	0.4%	84.0	0.4%	62,598	0.7%	2,767	4.2%	65,366	0.7%
	2037	14,939	0.6%	1,202	0.2%	12,426	0.3%	48,101	0.7%	571	0.4%	84.3	0.3%	63,040	0.7%	2,787	4.2%	65,827	0.7%
	2038	15,018	0.5%	1,205	0.2%	12,461	0.3%	48,457	0.7%	573	0.4%	84.6	0.3%	63,475	0.7%	2,806	4.2%	66,282	0.7%
CAGR	2009-2018		0.3%		0.5%		-0.2%		0.5%		0.0%		0.5%		0.4%		4.4%		0.3%
	2019-2028		4.5%		4.7%		-0.3%		12.5%		7.7%		4.4%		9.9%		4.2%		10.0%
	2029-2038		0.6%		0.3%		0.3%		0.8%		0.4%		0.3%		0.7%		4.2%		0.7%

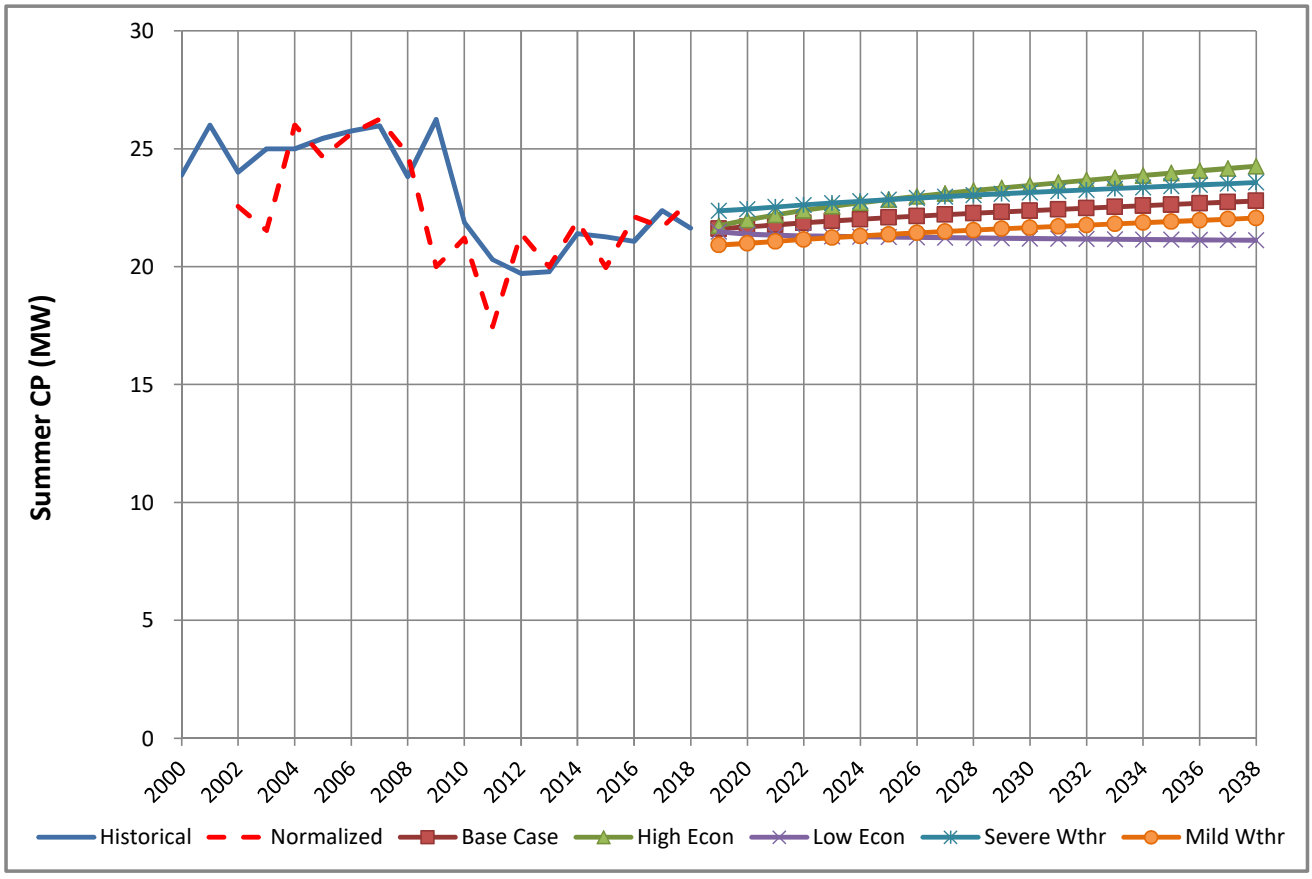
CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast

Clewiston

Historical and Projected NEL and Annual Coincident Peak Demand





FMPA 2019 Load Forecast - Low Economic Case

Clewiston

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

	Year	Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		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	2009	110,751	-	111,667	-	0.8%	21.7	-	19.4	-	-10.6%	26.2	-	20.0		-23.8%
	2010	111,347	0.5%	107,159	-4.0%	-3.8%	25.6	18.0%	20.5	5.2%	-20.3%	21.9	-16.6%	21.2	6.0%	-3.1%
	2011	108,348	-2.7%	103,076	-3.8%	-4.9%	23.5	-8.2%	22.6	10.7%	-3.8%	20.3	-7.2%	20.2	-4.6%	-0.4%
	2012	103,126	-4.8%	103,299	0.2%	0.2%	19.3	-18.2%	18.7	-17.4%	-2.9%	19.7	-2.9%	21.4	5.8%	8.6%
	2013	100,568	-2.5%	101,139	-2.1%	0.6%	14.9	-22.9%	14.5	-22.4%	-2.3%	19.8	0.4%	20.0	-6.6%	1.1%
	2014	104,563	4.0%	102,127	1.0%	-2.3%	15.9	7.1%	17.9	23.7%	12.8%	21.4	8.2%	21.9	9.7%	2.5%
	2015	105,534	0.9%	103,262	1.1%	-2.2%	26.8	68.6%	16.3	-9.3%	-39.3%	21.3	-0.6%	20.0	-9.0%	-6.1%
	2016	109,324	3.6%	104,223	0.9%	-4.7%	18.8	-29.7%	17.8	9.5%	-5.5%	21.1	-0.9%	22.1	10.8%	4.9%
	2017	106,621	-2.5%	104,271	0.0%	-2.2%	16.7	-11.3%	15.3	-14.2%	-8.5%	22.4	6.2%	21.7	-2.0%	-3.1%
	2018	105,307	-1.2%	105,660	1.3%	0.3%	16.8	0.4%	18.3	19.9%	9.3%	21.6	-3.3%	22.8	5.3%	5.5%
Projected	2019	106,320	1.0%	106,320	0.6%		18.4	9.5%	18.4	0.2%		21.5	-0.6%	21.5	-5.8%	
	2020			105,490	-0.8%				18.3	-0.5%				21.4	-0.5%	
	2021			105,244	-0.2%				18.2	-0.2%				21.3	-0.2%	
	2022			105,072	-0.2%				18.2	-0.1%				21.3	-0.1%	
	2023			104,974	-0.1%				18.2	-0.1%				21.3	-0.1%	
	2024			104,882	-0.1%				18.2	-0.1%				21.3	-0.1%	
	2025			104,808	-0.1%				18.2	-0.1%				21.3	-0.1%	
	2026			104,752	-0.1%				18.1	-0.1%				21.2	-0.1%	
	2027			104,679	-0.1%				18.1	-0.1%				21.2	-0.1%	
	2028			104,613	-0.1%				18.1	-0.1%				21.2	-0.1%	
	2029			104,556	-0.1%				18.1	-0.1%				21.2	-0.1%	
	2030			104,501	-0.1%				18.1	-0.1%				21.2	-0.1%	
	2031			104,450	0.0%				18.1	0.0%				21.2	0.0%	
	2032			104,404	0.0%				18.1	0.0%				21.2	0.0%	
	2033			104,360	0.0%				18.1	0.0%				21.2	0.0%	
	2034			104,309	0.0%				18.1	0.0%				21.2	0.0%	
	2035			104,262	0.0%				18.1	0.0%				21.1	0.0%	
	2036			104,221	0.0%				18.1	0.0%				21.1	0.0%	
	2037			104,187	0.0%				18.1	0.0%				21.1	0.0%	
	2038			104,153	0.0%				18.0	0.0%				21.1	0.0%	
CAGR [3]	2009-2018		-0.6%		-0.6%			-2.8%		-0.7%			-2.1%		1.5%	
	2019-2028				-0.2%					-0.1%					-0.1%	
	2029-2038				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 2019 Load Forecast - Low Economic Case

Clewiston

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	110,751	-	111,667	-	0.8%	21.8	-	58.0%	26.5	-	47.7%
	2010	111,347	0.5%	107,159	-4.0%	-3.8%	25.6	17.6%	49.6%	27.7	4.3%	46.0%
	2011	108,348	-2.7%	103,076	-3.8%	-4.9%	23.7	-7.5%	52.1%	28.6	3.4%	43.2%
	2012	103,126	-4.8%	103,299	0.2%	0.2%	20.6	-13.2%	57.2%	27.3	-4.7%	43.2%
	2013	100,568	-2.5%	101,139	-2.1%	0.6%	22.9	11.2%	50.2%	24.6	-9.8%	46.7%
	2014	104,563	4.0%	102,127	1.0%	-2.3%	17.4	-23.8%	68.4%	26.7	8.6%	44.7%
	2015	105,534	0.9%	103,262	1.1%	-2.2%	26.9	54.2%	44.8%	26.7	-0.1%	45.2%
	2016	109,324	3.6%	104,223	0.9%	-4.7%	19.4	-28.0%	64.4%	25.6	-4.2%	48.8%
	2017	106,621	-2.5%	104,271	0.0%	-2.2%	21.3	10.1%	57.0%	26.7	4.6%	45.5%
	2018	105,307	-1.2%	105,660	1.3%	0.3%	16.8	-21.4%	71.7%	24.8	-7.2%	48.5%
Projected	2019	106,320	1.0%	106,320	0.6%		21.1	25.9%	57.5%	26.5	6.9%	45.7%
	2020	105,490	-0.8%	105,490	-0.8%		21.0	-0.5%	57.3%	26.4	-0.5%	45.6%
	2021	105,244	-0.2%	105,244	-0.2%		21.0	-0.2%	57.3%	26.3	-0.2%	45.6%
	2022	105,072	-0.2%	105,072	-0.2%		20.9	-0.1%	57.3%	26.3	-0.1%	45.6%
	2023	104,974	-0.1%	104,974	-0.1%		20.9	-0.1%	57.3%	26.3	-0.1%	45.6%
	2024	104,882	-0.1%	104,882	-0.1%		20.9	-0.1%	57.3%	26.3	-0.1%	45.6%
	2025	104,808	-0.1%	104,808	-0.1%		20.9	-0.1%	57.3%	26.2	-0.1%	45.6%
	2026	104,752	-0.1%	104,752	-0.1%		20.9	-0.1%	57.3%	26.2	-0.1%	45.6%
	2027	104,679	-0.1%	104,679	-0.1%		20.9	-0.1%	57.3%	26.2	-0.1%	45.6%
	2028	104,613	-0.1%	104,613	-0.1%		20.8	-0.1%	57.3%	26.2	-0.1%	45.6%
	2029	104,556	-0.1%	104,556	-0.1%		20.8	-0.1%	57.3%	26.2	-0.1%	45.6%
	2030	104,501	-0.1%	104,501	-0.1%		20.8	-0.1%	57.3%	26.2	-0.1%	45.6%
	2031	104,450	0.0%	104,450	0.0%		20.8	0.0%	57.3%	26.2	0.0%	45.6%
	2032	104,404	0.0%	104,404	0.0%		20.8	0.0%	57.3%	26.1	0.0%	45.6%
	2033	104,360	0.0%	104,360	0.0%		20.8	0.0%	57.3%	26.1	0.0%	45.6%
	2034	104,309	0.0%	104,309	0.0%		20.8	0.0%	57.3%	26.1	0.0%	45.6%
	2035	104,262	0.0%	104,262	0.0%		20.8	0.0%	57.3%	26.1	0.0%	45.6%
	2036	104,221	0.0%	104,221	0.0%		20.8	0.0%	57.3%	26.1	0.0%	45.6%
	2037	104,187	0.0%	104,187	0.0%		20.8	0.0%	57.3%	26.1	0.0%	45.6%
	2038	104,153	0.0%	104,153	0.0%		20.8	0.0%	57.3%	26.1	0.0%	45.6%
CAGR [1]	2009-2018		-0.6%		-0.6%			-2.9%	57.3%		-0.7%	45.9%
	2019-2028		-0.2%		-0.2%			-0.1%	57.3%		-0.1%	45.6%
	2029-2038		0.0%		0.0%			0.0%	57.3%		0.0%	45.6%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Low Economic Case

Clewiston

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	7,945	7,223	7,879	8,633	11,203	11,595	10,438	10,864	10,386	9,989	7,981	7,757	111,895	110,751
	2010	8,977	7,188	7,431	7,791	10,197	11,581	10,877	10,796	10,783	9,321	7,349	8,593	110,883	111,347
	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	9,726	7,729	7,694	105,905	105,307
Projected	2019	7,194	7,347	7,664	8,208	9,626	10,444	10,092	10,791	9,805	9,489	7,663	7,630	105,953	106,320
	2020	7,136	7,292	7,611	8,154	9,569	10,389	10,046	10,744	9,767	9,456	7,640	7,611	105,416	105,490
	2021	7,119	7,275	7,594	8,136	9,549	10,368	10,027	10,722	9,747	9,439	7,627	7,598	105,201	105,244
	2022	7,107	7,263	7,582	8,123	9,533	10,350	10,011	10,705	9,734	9,428	7,619	7,591	105,046	105,072
	2023	7,100	7,257	7,575	8,117	9,525	10,340	10,002	10,695	9,725	9,419	7,613	7,585	104,953	104,974
	2024	7,094	7,250	7,569	8,110	9,517	10,331	9,993	10,686	9,717	9,411	7,606	7,579	104,862	104,882
	2025	7,088	7,245	7,563	8,105	9,510	10,324	9,987	10,679	9,711	9,407	7,603	7,576	104,797	104,808
	2026	7,084	7,241	7,560	8,101	9,505	10,318	9,981	10,672	9,704	9,400	7,598	7,570	104,735	104,752
	2027	7,079	7,236	7,554	8,095	9,498	10,310	9,975	10,665	9,697	9,394	7,593	7,565	104,662	104,679
	2028	7,074	7,231	7,550	8,091	9,493	10,304	9,969	10,658	9,692	9,389	7,589	7,562	104,600	104,613
Projected	2029	7,070	7,227	7,546	8,087	9,488	10,298	9,964	10,652	9,686	9,384	7,585	7,558	104,543	104,556
	2030	7,066	7,223	7,542	8,083	9,483	10,292	9,958	10,646	9,681	9,379	7,581	7,554	104,489	104,501
	2031	7,063	7,220	7,538	8,079	9,478	10,287	9,954	10,641	9,676	9,374	7,578	7,551	104,439	104,450
	2032	7,059	7,217	7,535	8,076	9,474	10,282	9,949	10,636	9,672	9,371	7,575	7,548	104,395	104,404
	2033	7,056	7,214	7,532	8,073	9,470	10,277	9,945	10,631	9,667	9,366	7,572	7,545	104,348	104,360
	2034	7,052	7,210	7,529	8,070	9,466	10,272	9,940	10,625	9,662	9,362	7,568	7,541	104,298	104,309
	2035	7,049	7,207	7,526	8,067	9,462	10,267	9,935	10,620	9,657	9,358	7,565	7,539	104,252	104,262
	2036	7,046	7,204	7,523	8,064	9,458	10,263	9,932	10,616	9,653	9,355	7,563	7,536	104,213	104,221
	2037	7,043	7,202	7,521	8,062	9,455	10,259	9,928	10,612	9,650	9,352	7,561	7,534	104,179	104,187
	2038	7,041	7,200	7,518	8,060	9,452	10,256	9,925	10,608	9,647	9,349	7,559	7,532	104,147	104,153

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	7.1%	6.5%	7.0%	7.7%	10.0%	10.4%	9.3%	9.7%	9.3%	8.9%	7.1%	6.9%	100.0%
	2010	8.1%	6.5%	6.7%	7.0%	9.2%	10.4%	9.8%	9.7%	9.7%	8.4%	6.6%	7.7%	100.0%
	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%	7.9%	8.4%	9.9%	9.8%	10.1%	10.1%	9.2%	7.3%	7.3%	100.0%
Projected	2019	6.8%	6.9%	7.2%	7.7%	9.1%	9.9%	9.5%	10.2%	9.3%	9.0%	7.2%	7.2%	100.0%
	2020	6.8%	6.9%	7.2%	7.7%	9.1%	9.9%	9.5%	10.2%	9.3%	9.0%	7.2%	7.2%	100.0%
	2021	6.8%	6.9%	7.2%	7.7%	9.1%	9.9%	9.5%	10.2%	9.3%	9.0%	7.3%	7.2%	100.0%
	2022	6.8%	6.9%	7.2%	7.7%	9.1%	9.9%	9.5%	10.2%	9.3%	9.0%	7.3%	7.2%	100.0%
	2023	6.8%	6.9%	7.2%	7.7%	9.1%	9.9%	9.5%	10.2%	9.3%	9.0%	7.3%	7.2%	100.0%
	2024	6.8%	6.9%	7.2%	7.7%	9.1%	9.9%	9.5%	10.2%	9.3%	9.0%	7.3%	7.2%	100.0%
	2025	6.8%	6.9%	7.2%	7.7%	9.1%	9.9%	9.5%	10.2%	9.3%	9.0%	7.3%	7.2%	100.0%
	2026	6.8%	6.9%	7.2%	7.7%	9.1%	9.9%	9.5%	10.2%	9.3%	9.0%	7.3%	7.2%	100.0%
	2027	6.8%	6.9%	7.2%	7.7%	9.1%	9.9%	9.5%	10.2%	9.3%	9.0%	7.3%	7.2%	100.0%
	2028	6.8%	6.9%	7.2%	7.7%	9.1%	9.9%	9.5%	10.2%	9.3%	9.0%	7.3%	7.2%	100.0%
Avg.	2009-2018	6.9%	6.5%	7.1%	7.9%	9.2%	10.1%	9.7%	10.1%	9.5%	8.8%	7.1%	7.1%	100.0%
	2019-2028	6.8%	6.9%	7.2%	7.7%	9.1%	9.9%	9.5%	10.2%	9.3%	9.0%	7.3%	7.2%	100.0%

1	2	3	4	5	6	7	8	9	10	11	12

FMPA 2019 Load Forecast - Low Economic Case

Clewiston

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	20.9	21.8	17.2	19.2	23.2	26.5	21.2	21.5	22.3	22.3	23.1	16.1	21.8	26.5
	2010	25.6	18.2	19.0	20.0	23.6	27.7	21.4	23.2	24.0	25.2	16.9	23.7	25.6	27.7
	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	22.6	21.1	17.5	16.8	24.8
Projected	2019	21.1	18.3	18.3	19.2	20.1	26.5	21.3	22.7	22.0	24.2	21.0	17.5	21.1	26.5
	2020	21.0	18.2	18.2	19.1	20.0	26.4	21.2	22.6	21.8	24.1	21.0	17.4	21.0	26.4
	2021	21.0	18.2	18.2	19.1	19.9	26.3	21.2	22.5	21.8	24.0	20.9	17.4	21.0	26.3
	2022	20.9	18.2	18.2	19.0	19.9	26.3	21.2	22.5	21.8	24.0	20.9	17.4	20.9	26.3
	2023	20.9	18.1	18.1	19.0	19.9	26.3	21.1	22.5	21.7	24.0	20.9	17.4	20.9	26.3
	2024	20.9	18.1	18.1	19.0	19.8	26.3	21.1	22.5	21.7	24.0	20.9	17.4	20.9	26.3
	2025	20.9	18.1	18.1	19.0	19.8	26.2	21.1	22.5	21.7	23.9	20.9	17.3	20.9	26.2
	2026	20.9	18.1	18.1	19.0	19.8	26.2	21.1	22.4	21.7	23.9	20.9	17.3	20.9	26.2
	2027	20.9	18.1	18.1	19.0	19.8	26.2	21.1	22.4	21.7	23.9	20.8	17.3	20.9	26.2
	2028	20.8	18.1	18.1	19.0	19.8	26.2	21.1	22.4	21.7	23.9	20.8	17.3	20.8	26.2
Projected	2029	20.8	18.1	18.1	19.0	19.8	26.2	21.1	22.4	21.7	23.9	20.8	17.3	20.8	26.2
	2030	20.8	18.1	18.1	18.9	19.8	26.2	21.0	22.4	21.7	23.9	20.8	17.3	20.8	26.2
	2031	20.8	18.1	18.1	18.9	19.8	26.2	21.0	22.4	21.6	23.9	20.8	17.3	20.8	26.2
	2032	20.8	18.1	18.1	18.9	19.8	26.1	21.0	22.4	21.6	23.8	20.8	17.3	20.8	26.1
	2033	20.8	18.0	18.0	18.9	19.8	26.1	21.0	22.4	21.6	23.8	20.8	17.3	20.8	26.1
	2034	20.8	18.0	18.0	18.9	19.7	26.1	21.0	22.4	21.6	23.8	20.8	17.3	20.8	26.1
	2035	20.8	18.0	18.0	18.9	19.7	26.1	21.0	22.3	21.6	23.8	20.8	17.3	20.8	26.1
	2036	20.8	18.0	18.0	18.9	19.7	26.1	21.0	22.3	21.6	23.8	20.8	17.3	20.8	26.1
	2037	20.8	18.0	18.0	18.9	19.7	26.1	21.0	22.3	21.6	23.8	20.8	17.2	20.8	26.1
	2038	20.8	18.0	18.0	18.9	19.7	26.1	21.0	22.3	21.6	23.8	20.7	17.2	20.8	26.1

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	51.1%	49.3%	61.6%	60.4%	71.9%	58.8%	68.3%	67.8%	64.8%	60.2%	46.4%	66.8%	58.6%	48.2%
	2010	47.0%	58.9%	52.5%	52.5%	64.2%	56.3%	70.7%	62.6%	62.4%	49.8%	58.6%	50.3%	49.4%	45.8%
	2011	48.7%	65.8%	58.9%	55.9%	73.3%	60.7%	68.6%	51.1%	67.8%	56.0%	51.0%	66.5%	51.2%	42.4%
	2012	47.7%	62.6%	56.9%	61.3%	70.4%	55.7%	51.5%	64.7%	65.3%	58.1%	48.2%	67.1%	57.4%	43.3%
	2013	54.3%	44.9%	62.0%	61.4%	71.2%	53.9%	66.2%	66.9%	67.5%	60.0%	60.0%	63.9%	50.7%	47.1%
	2014	61.2%	63.8%	58.2%	57.1%	64.6%	58.1%	65.6%	65.9%	49.1%	61.5%	56.0%	67.3%	67.2%	43.9%
	2015	63.4%	36.3%	64.4%	62.1%	71.4%	56.0%	67.5%	64.6%	65.4%	53.0%	59.9%	68.1%	46.3%	46.7%
	2016	62.3%	60.8%	58.8%	54.4%	68.1%	57.5%	65.2%	66.3%	57.6%	49.8%	60.8%	64.5%	63.4%	48.1%
	2017	45.8%	52.5%	60.6%	56.7%	69.9%	53.3%	55.1%	62.6%	62.6%	63.4%	63.1%	63.4%	57.0%	45.4%
	2018	57.7%	63.6%	56.7%	59.7%	72.9%	56.6%	66.6%	64.9%	62.3%	57.8%	49.2%	60.9%	72.1%	48.7%
Projected	2019	45.8%	59.7%	56.2%	57.4%	71.4%	52.9%	65.7%	63.9%	62.0%	52.7%	49.0%	60.7%	57.3%	45.6%
	2020	45.7%	57.5%	56.1%	57.3%	71.4%	52.9%	65.7%	63.9%	62.1%	52.8%	49.0%	60.7%	57.3%	45.6%
	2021	45.6%	59.5%	56.1%	57.3%	71.4%	52.9%	65.7%	63.9%	62.1%	52.8%	49.0%	60.7%	57.3%	45.6%
	2022	45.6%	59.5%	56.1%	57.3%	71.3%	52.9%	65.7%	63.9%	62.1%	52.8%	49.0%	60.7%	57.3%	45.6%
	2023	45.6%	59.5%	56.1%	57.3%	71.4%	52.9%	65.7%	63.9%	62.1%	52.8%	49.0%	60.7%	57.3%	45.6%
	2024	45.6%	57.5%	56.1%	57.3%	71.4%	52.9%	65.7%	63.9%	62.1%	52.8%	49.0%	60.6%	57.3%	45.6%
	2025	45.6%	59.5%	56.1%	57.3%	71.3%	52.9%	65.7%	63.9%	62.1%	52.8%	49.0%	60.7%	57.3%	45.6%
	2026	45.6%	59.5%	56.1%	57.3%	71.4%	52.9%	65.7%	63.9%	62.1%	52.8%	49.0%	60.7%	57.3%	45.6%
	2027	45.6%	59.5%	56.1%	57.3%	71.4%	52.9%	65.7%	63.9%	62.1%	52.8%	49.0%	60.7%	57.3%	45.6%
	2028	45.6%	57.4%	56.1%	57.3%	71.3%	52.9%	65.7%	63.9%	62.1%	52.8%	49.0%	60.7%	57.3%	45.6%
Avg.	2009-2018	53.9%	55.9%	59.1%	58.1%	69.8%	56.7%	64.5%	63.7%	62.5%	57.0%	55.3%	63.9%	57.3%	46.0%
	2019-2028	45.6%	58.9%	56.1%	57.3%	71.4%	52.9%	65.7%	63.9%	62.1%	52.8%	49.0%	60.7%	57.3%	45.6%

FMPA 2019 Load Forecast - Low Economic Case

Clewiston

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	20.6	21.7	17.0	17.0	22.4	26.2	19.8	19.5	19.3	20.2	17.4	13.0	21.7	26.2
	2010	25.6	16.7	19.0	15.2	18.7	21.9	20.4	21.6	20.0	17.8	15.5	23.5	25.6	21.9
	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	20.6	17.4	15.4	16.8	21.6
Projected	2019	18.4	16.3	17.1	17.8	19.0	22.1	19.0	21.5	19.0	22.0	17.3	15.4	18.4	21.5
	2020	18.3	16.3	17.0	17.7	18.9	22.0	18.9	21.4	18.9	21.9	17.2	15.3	18.3	21.4
	2021	18.2	16.2	16.9	17.7	18.9	21.9	18.9	21.3	18.9	21.9	17.2	15.3	18.2	21.3
	2022	18.2	16.2	16.9	17.7	18.9	21.9	18.9	21.3	18.8	21.8	17.2	15.3	18.2	21.3
	2023	18.2	16.2	16.9	17.6	18.8	21.9	18.9	21.3	18.8	21.8	17.2	15.3	18.2	21.3
	2024	18.2	16.2	16.9	17.6	18.8	21.8	18.8	21.3	18.8	21.8	17.2	15.3	18.2	21.3
	2025	18.2	16.2	16.9	17.6	18.8	21.8	18.8	21.3	18.8	21.8	17.2	15.3	18.2	21.3
	2026	18.1	16.1	16.9	17.6	18.8	21.8	18.8	21.2	18.8	21.8	17.1	15.3	18.1	21.2
	2027	18.1	16.1	16.8	17.6	18.8	21.8	18.8	21.2	18.8	21.7	17.1	15.2	18.1	21.2
	2028	18.1	16.1	16.8	17.6	18.8	21.8	18.8	21.2	18.8	21.7	17.1	15.2	18.1	21.2
Projected	2029	18.1	16.1	16.8	17.6	18.8	21.8	18.8	21.2	18.8	21.7	17.1	15.2	18.1	21.2
	2030	18.1	16.1	16.8	17.6	18.8	21.8	18.8	21.2	18.7	21.7	17.1	15.2	18.1	21.2
	2031	18.1	16.1	16.8	17.6	18.7	21.8	18.8	21.2	18.7	21.7	17.1	15.2	18.1	21.2
	2032	18.1	16.1	16.8	17.6	18.7	21.7	18.8	21.2	18.7	21.7	17.1	15.2	18.1	21.2
	2033	18.1	16.1	16.8	17.5	18.7	21.7	18.8	21.2	18.7	21.7	17.1	15.2	18.1	21.2
	2034	18.1	16.1	16.8	17.5	18.7	21.7	18.7	21.2	18.7	21.7	17.1	15.2	18.1	21.2
	2035	18.1	16.1	16.8	17.5	18.7	21.7	18.7	21.1	18.7	21.7	17.1	15.2	18.1	21.1
	2036	18.1	16.1	16.8	17.5	18.7	21.7	18.7	21.1	18.7	21.6	17.1	15.2	18.1	21.1
	2037	18.1	16.1	16.8	17.5	18.7	21.7	18.7	21.1	18.7	21.6	17.1	15.2	18.1	21.1
	2038	18.0	16.1	16.8	17.5	18.7	21.7	18.7	21.1	18.7	21.6	17.1	15.2	18.0	21.1

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	98.5%	99.7%	98.7%	88.6%	96.5%	98.9%	93.3%	90.6%	86.6%	90.8%	75.1%	80.8%	99.7%	98.9%
	2010	100.0%	91.7%	100.0%	76.1%	79.4%	79.1%	95.4%	93.1%	83.2%	70.7%	91.8%	99.2%	100.0%	79.1%
	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%	90.9%	82.2%	88.0%	100.0%	87.2%
Projected	2019	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2020	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2021	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2022	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2023	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2024	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2025	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2026	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2027	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2028	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2009-2018	86.9%	87.3%	93.9%	91.8%	93.2%	83.9%	87.4%	91.7%	88.2%	86.0%	84.6%	88.2%	92.4%	81.5%
	2019-2028	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%

FMPA 2019 Load Forecast - Low Economic Case - Clewiston

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	49,474		3,324		14,884		9,969		523		19.1		38,063		116		328		5,738		712		103,956		6,795	6.1%	110,751	
	2010	52,193	5.5%	3,306	-0.5%	15,787	6.1%	10,350	3.8%	523	-0.1%	19.8	3.9%	37,595	-1.2%	117	0.6%	322	-1.8%	2,230	-61.1%	715	0.4%	103,083	-0.8%	8,265	7.4%	111,347	0.5%
	2011	49,594	-5.0%	3,325	0.6%	14,917	-5.5%	10,409	0.6%	515	-1.4%	20.2	2.0%	36,128	-3.9%	119	1.9%	304	-5.7%	3,487	56.4%	512	-28.4%	100,130	-2.9%	8,218	7.6%	108,348	-2.7%
	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%
Projected	2019	49,621	-0.9%	3,446	0.1%	14,398	-1.0%	9,256	3.1%	490	1.4%	18.9	1.7%	37,989	1.4%	134	0.4%	283	0.9%	1,975	49.5%	385	0.0%	99,227	1.0%	7,093	6.7%	106,320	1.0%
	2020	49,322	-0.6%	3,439	-0.2%	14,343	-0.4%	9,096	-1.7%	497	1.4%	18.3	-3.0%	37,667	-0.8%	129	-3.5%	291	2.7%	1,975	0.0%	385	0.0%	98,446	-0.8%	7,044	6.7%	105,490	-0.8%
	2021	49,216	-0.2%	3,437	-0.1%	14,321	-0.1%	9,097	0.0%	500	0.7%	18.2	-0.7%	37,542	-0.3%	128	-0.8%	292	0.5%	1,975	0.0%	385	0.0%	98,215	-0.2%	7,029	6.7%	105,244	-0.2%
	2022	49,072	-0.3%	3,435	0.0%	14,285	-0.3%	9,117	0.2%	502	0.4%	18.2	-0.1%	37,505	-0.1%	128	-0.1%	292	0.0%	1,975	0.0%	385	0.0%	98,055	-0.2%	7,017	6.7%	105,072	-0.2%
	2023	48,966	-0.2%	3,434	0.0%	14,259	-0.2%	9,143	0.3%	503	0.2%	18.2	0.1%	37,493	0.0%	129	0.2%	292	-0.3%	1,975	0.0%	385	0.0%	97,963	-0.1%	7,011	6.7%	104,974	-0.1%
	2024	48,885	-0.2%	3,432	0.0%	14,242	-0.1%	9,177	0.4%	504	0.1%	18.2	0.2%	37,454	-0.1%	129	0.4%	290	-0.5%	1,975	0.0%	385	0.0%	97,877	-0.1%	7,005	6.7%	104,882	-0.1%
	2025	48,811	-0.2%	3,431	0.0%	14,227	-0.1%	9,209	0.4%	504	0.1%	18.3	0.2%	37,427	-0.1%	130	0.5%	288	-0.5%	1,975	0.0%	385	0.0%	97,808	-0.1%	7,000	6.7%	104,808	-0.1%
	2026	48,747	-0.1%	3,429	0.0%	14,215	-0.1%	9,243	0.4%	505	0.1%	18.3	0.3%	37,405	-0.1%	130	0.5%	287	-0.5%	1,975	0.0%	385	0.0%	97,755	-0.1%	6,996	6.7%	104,752	-0.1%
	2027	48,681	-0.1%	3,427	-0.1%	14,204	-0.1%	9,274	0.3%	505	0.1%	18.4	0.3%	37,372	-0.1%	131	0.4%	285	-0.5%	1,975	0.0%	385	0.0%	97,687	-0.1%	6,992	6.7%	104,679	-0.1%
	2028	48,620	-0.1%	3,426	-0.1%	14,193	-0.1%	9,306	0.3%	506	0.1%	18.4	0.3%	37,339	-0.1%	132	0.5%	284	-0.5%	1,975	0.0%	385	0.0%	97,625	-0.1%	6,987	6.7%	104,613	-0.1%
	2029	48,563	-0.1%	3,424	0.0%	14,183	-0.1%	9,341	0.4%	506	0.1%	18.5	0.3%	37,308	-0.1%	132	0.5%	282	-0.6%	1,975	0.0%	385	0.0%	97,573	-0.1%	6,983	6.7%	104,556	-0.1%
	2030	48,502	-0.1%	3,422	-0.1%	14,173	-0.1%	9,376	0.4%	507	0.1%	18.5	0.3%	37,282	-0.1%	133	0.5%	281	-0.6%	1,975	0.0%	385	0.0%	97,521	-0.1%	6,980	6.7%	104,501	-0.1%
	2031	48,442	-0.1%	3,420	-0.1%	14,163	-0.1%	9,410	0.4%	507	0.1%	18.6	0.3%	37,261	-0.1%	134	0.5%	279	-0.5%	1,975	0.0%	385	0.0%	97,474	0.0%	6,976	6.7%	104,450	0.0%
	2032	48,381	-0.1%	3,418	-0.1%	14,154	-0.1%	9,440	0.3%	507	0.1%	18.6	0.2%	37,248	0.0%	134	0.4%	278	-0.5%	1,975	0.0%	385	0.0%	97,430	0.0%	6,973	6.7%	104,404	0.0%
	2033	48,318	-0.1%	3,416	-0.1%	14,144	-0.1%	9,472	0.3%	508	0.1%	18.7	0.3%	37,239	0.0%	135	0.5%	276	-0.5%	1,975	0.0%	385	0.0%	97,390	0.0%	6,971	6.7%	104,360	0.0%
	2034	48,254	-0.1%	3,414	-0.1%	14,135	-0.1%	9,505	0.4%	508	0.1%	18.7	0.3%	37,222	0.0%	135	0.5%	275	-0.5%	1,975	0.0%	385	0.0%	97,342	0.0%	6,967	6.7%	104,309	0.0%
	2035	48,193	-0.1%	3,412	-0.1%	14,126	-0.1%	9,538	0.4%	508	0.1%	18.8	0.3%	37,206	0.0%	136	0.5%	274	-0.5%	1,975	0.0%	385	0.0%	97,298	0.0%	6,964	6.7%	104,262	0.0%
	2036	48,130	-0.1%	3,409	-0.1%	14,119	-0.1%	9,576	0.4%	509	0.1%	18.8	0.3%	37,193	0.0%	137	0.5%	272	-0.6%	1,975	0.0%	385	0.0%	97,260	0.0%	6,961	6.7%	104,221	0.0%
	2037	48,072	-0.1%	3,407	-0.1%	14,112	0.0%	9,609	0.3%	509	0.1%	18.9	0.3%	37,185	0.0%	137	0.5%	271	-0.5%	1,975	0.0%	385	0.0%	97,227	0.0%	6,959	6.7%	104,187	0.0%
	2038	48,023	-0.1%	3,405	-0.1%	14,105	-0.1%	9,639	0.3%	510	0.1%	18.9	0.2%	37,174	0.0%	138	0.4%	269	-0.4%	1,975	0.0%	385	0.0%	97,196	0.0%	6,957	6.7%	104,153	0.0%
CAGR	2009-2018		0.1%		0.4%		-0.3%		-1.2%		-0.9%		-0.3%		-0.2%		1.6%		-1.7%		-15.1%		-6.6%		-0.6%		7.0%		-0.6%
	2019-2028		-0.2%		-0.1%		-0.2%		0.1%		0.4%		-0.3%		-0.2%		-0.2%		0.0%		0.0%		0.0%		-0.2%		6.7%		-0.2%
	2029-2038		-0.1%		-0.1%		-0.1%		0.3%		0.1%		0.3%		0.0%		0.5%		-0.5%		0.0%		0.0%		0.0%		6.7%		0.0%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - High Economic Case

Clewiston

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

	Year	Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		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	2009	110,751	-	111,667	-	0.8%	21.7	-	19.4	-	-10.6%	26.2	-	20.0		-23.8%
	2010	111,347	0.5%	107,159	-4.0%	-3.8%	25.6	18.0%	20.5	5.2%	-20.3%	21.9	-16.6%	21.2	6.0%	-3.1%
	2011	108,348	-2.7%	103,076	-3.8%	-4.9%	23.5	-8.2%	22.6	10.7%	-3.8%	20.3	-7.2%	20.2	-4.6%	-0.4%
	2012	103,126	-4.8%	103,299	0.2%	0.2%	19.3	-18.2%	18.7	-17.4%	-2.9%	19.7	-2.9%	21.4	5.8%	8.6%
	2013	100,568	-2.5%	101,139	-2.1%	0.6%	14.9	-22.9%	14.5	-22.4%	-2.3%	19.8	0.4%	20.0	-6.6%	1.1%
	2014	104,563	4.0%	102,127	1.0%	-2.3%	15.9	7.1%	17.9	23.7%	12.8%	21.4	8.2%	21.9	9.7%	2.5%
	2015	105,534	0.9%	103,262	1.1%	-2.2%	26.8	68.6%	16.3	-9.3%	-39.3%	21.3	-0.6%	20.0	-9.0%	-6.1%
	2016	109,324	3.6%	104,223	0.9%	-4.7%	18.8	-29.7%	17.8	9.5%	-5.5%	21.1	-0.9%	22.1	10.8%	4.9%
	2017	106,621	-2.5%	104,271	0.0%	-2.2%	16.7	-11.3%	15.3	-14.2%	-8.5%	22.4	6.2%	21.7	-2.0%	-3.1%
	2018	105,307	-1.2%	105,660	1.3%	0.3%	16.8	0.4%	18.3	19.9%	9.3%	21.6	-3.3%	22.8	5.3%	5.5%
Projected	2019	107,064	1.7%	107,064	1.3%		18.6	10.8%	18.6	1.3%		21.7	0.5%	21.7	-4.7%	
	2020			108,120	1.0%				18.8	1.1%				22.0	1.1%	
	2021			109,169	1.0%				19.0	1.0%				22.2	1.0%	
	2022			110,153	0.9%				19.1	0.9%				22.4	0.9%	
	2023			111,026	0.8%				19.3	0.8%				22.6	0.8%	
	2024			111,781	0.7%				19.4	0.7%				22.7	0.7%	
	2025			112,494	0.6%				19.5	0.6%				22.8	0.6%	
	2026			113,163	0.6%				19.6	0.6%				23.0	0.6%	
	2027			113,779	0.5%				19.7	0.5%				23.1	0.5%	
	2028			114,369	0.5%				19.8	0.5%				23.2	0.5%	
	2029			114,943	0.5%				19.9	0.5%				23.3	0.5%	
	2030			115,499	0.5%				20.0	0.5%				23.5	0.5%	
	2031			116,039	0.5%				20.1	0.5%				23.6	0.5%	
	2032			116,563	0.5%				20.2	0.5%				23.7	0.5%	
	2033			117,075	0.4%				20.3	0.4%				23.8	0.4%	
	2034			117,568	0.4%				20.4	0.4%				23.9	0.4%	
	2035			118,062	0.4%				20.5	0.4%				24.0	0.4%	
	2036			118,547	0.4%				20.6	0.4%				24.1	0.4%	
	2037			119,026	0.4%				20.6	0.4%				24.2	0.4%	
	2038			119,496	0.4%				20.7	0.4%				24.3	0.4%	
CAGR [3]	2009-2018		-0.6%		-0.6%			-2.8%		-0.7%			-2.1%		1.5%	
	2019-2028				0.7%					0.7%					0.7%	
	2029-2038				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 2019 Load Forecast - High Economic Case

Clewiston

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	110,751	-	111,667	-	0.8%	21.8	-	58.0%	26.5	-	47.7%
	2010	111,347	0.5%	107,159	-4.0%	-3.8%	25.6	17.6%	49.6%	27.7	4.3%	46.0%
	2011	108,348	-2.7%	103,076	-3.8%	-4.9%	23.7	-7.5%	52.1%	28.6	3.4%	43.2%
	2012	103,126	-4.8%	103,299	0.2%	0.2%	20.6	-13.2%	57.2%	27.3	-4.7%	43.2%
	2013	100,568	-2.5%	101,139	-2.1%	0.6%	22.9	11.2%	50.2%	24.6	-9.8%	46.7%
	2014	104,563	4.0%	102,127	1.0%	-2.3%	17.4	-23.8%	68.4%	26.7	8.6%	44.7%
	2015	105,534	0.9%	103,262	1.1%	-2.2%	26.9	54.2%	44.8%	26.7	-0.1%	45.2%
	2016	109,324	3.6%	104,223	0.9%	-4.7%	19.4	-28.0%	64.4%	25.6	-4.2%	48.8%
	2017	106,621	-2.5%	104,271	0.0%	-2.2%	21.3	10.1%	57.0%	26.7	4.6%	45.5%
	2018	105,307	-1.2%	105,660	1.3%	0.3%	16.8	-21.4%	71.7%	24.8	-7.2%	48.5%
Projected	2019	107,064	1.7%	107,064	1.3%		21.4	27.4%	57.2%	26.8	8.2%	45.5%
	2020	108,120	1.0%	108,120	1.0%		21.6	1.1%	57.1%	27.1	1.1%	45.5%
	2021	109,169	1.0%	109,169	1.0%		21.8	1.0%	57.2%	27.4	1.0%	45.5%
	2022	110,153	0.9%	110,153	0.9%		22.0	0.9%	57.2%	27.6	0.9%	45.5%
	2023	111,026	0.8%	111,026	0.8%		22.2	0.8%	57.2%	27.8	0.8%	45.5%
	2024	111,781	0.7%	111,781	0.7%		22.3	0.7%	57.2%	28.0	0.7%	45.5%
	2025	112,494	0.6%	112,494	0.6%		22.5	0.6%	57.2%	28.2	0.6%	45.5%
	2026	113,163	0.6%	113,163	0.6%		22.6	0.6%	57.2%	28.4	0.6%	45.5%
	2027	113,779	0.5%	113,779	0.5%		22.7	0.5%	57.2%	28.5	0.5%	45.5%
	2028	114,369	0.5%	114,369	0.5%		22.8	0.5%	57.2%	28.7	0.5%	45.5%
	2029	114,943	0.5%	114,943	0.5%		22.9	0.5%	57.2%	28.8	0.5%	45.5%
	2030	115,499	0.5%	115,499	0.5%		23.0	0.5%	57.2%	29.0	0.5%	45.5%
	2031	116,039	0.5%	116,039	0.5%		23.2	0.5%	57.2%	29.1	0.5%	45.5%
	2032	116,563	0.5%	116,563	0.5%		23.3	0.5%	57.2%	29.2	0.5%	45.5%
	2033	117,075	0.4%	117,075	0.4%		23.4	0.4%	57.2%	29.3	0.4%	45.5%
	2034	117,568	0.4%	117,568	0.4%		23.5	0.4%	57.2%	29.5	0.4%	45.5%
	2035	118,062	0.4%	118,062	0.4%		23.6	0.4%	57.2%	29.6	0.4%	45.5%
	2036	118,547	0.4%	118,547	0.4%		23.6	0.4%	57.2%	29.7	0.4%	45.5%
	2037	119,026	0.4%	119,026	0.4%		23.7	0.4%	57.2%	29.8	0.4%	45.5%
	2038	119,496	0.4%	119,496	0.4%		23.8	0.4%	57.2%	30.0	0.4%	45.5%
CAGR [1]	2009-2018		-0.6%		-0.6%			-2.9%	57.3%		-0.7%	45.9%
	2019-2028		0.7%		0.7%			0.7%	57.2%		0.7%	45.5%
	2029-2038		0.4%		0.4%			0.4%	57.2%		0.4%	45.5%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - High Economic Case

Clewiston

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	7,945	7,223	7,879	8,633	11,203	11,595	10,438	10,864	10,386	9,989	7,981	7,757	111,895	110,751
	2010	8,977	7,188	7,431	7,791	10,197	11,581	10,877	10,796	10,783	9,321	7,349	8,593	110,883	111,347
	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	9,726	7,729	7,694	105,905	105,307
Projected	2019	7,206	7,372	7,704	8,266	9,710	10,552	10,207	10,939	9,958	9,654	7,812	7,793	107,175	107,064
	2020	7,294	7,463	7,799	8,367	9,825	10,673	10,316	11,059	10,065	9,754	7,891	7,868	108,373	108,120
	2021	7,365	7,536	7,875	8,450	9,920	10,776	10,411	11,165	10,160	9,845	7,964	7,940	109,406	109,169
	2022	7,433	7,605	7,948	8,527	10,009	10,872	10,498	11,263	10,249	9,930	8,032	8,007	110,373	110,153
	2023	7,495	7,668	8,012	8,596	10,088	10,955	10,573	11,346	10,324	10,001	8,088	8,063	111,209	111,026
	2024	7,546	7,720	8,068	8,656	10,156	11,028	10,641	11,422	10,392	10,066	8,141	8,115	111,951	111,781
	2025	7,594	7,770	8,120	8,713	10,221	11,098	10,705	11,493	10,457	10,129	8,192	8,165	112,656	112,494
	2026	7,640	7,817	8,169	8,766	10,282	11,163	10,764	11,560	10,516	10,186	8,237	8,210	113,311	113,163
	2027	7,682	7,860	8,214	8,815	10,338	11,223	10,819	11,621	10,572	10,239	8,281	8,252	113,919	113,779
	2028	7,722	7,901	8,257	8,862	10,392	11,281	10,873	11,681	10,627	10,292	8,323	8,294	114,506	114,369
Projected	2029	7,761	7,941	8,300	8,908	10,445	11,338	10,924	11,739	10,679	10,342	8,364	8,335	115,075	114,943
	2030	7,798	7,980	8,340	8,952	10,496	11,392	10,974	11,796	10,730	10,391	8,404	8,374	115,628	115,499
	2031	7,835	8,018	8,380	8,995	10,545	11,445	11,023	11,850	10,779	10,439	8,442	8,412	116,163	116,039
	2032	7,870	8,054	8,418	9,037	10,593	11,496	11,070	11,903	10,828	10,486	8,480	8,450	116,686	116,563
	2033	7,905	8,090	8,456	9,078	10,640	11,546	11,116	11,954	10,874	10,530	8,516	8,486	117,190	117,075
	2034	7,938	8,124	8,492	9,117	10,685	11,595	11,160	12,004	10,920	10,574	8,552	8,522	117,685	117,568
	2035	7,971	8,159	8,529	9,157	10,731	11,643	11,205	12,054	10,965	10,618	8,588	8,557	118,176	118,062
	2036	8,004	8,193	8,564	9,196	10,775	11,691	11,248	12,103	11,009	10,662	8,623	8,592	118,660	118,547
	2037	8,036	8,226	8,599	9,235	10,819	11,738	11,291	12,151	11,053	10,704	8,657	8,626	119,136	119,026
	2038	8,068	8,259	8,634	9,272	10,863	11,784	11,334	12,199	11,097	10,746	8,691	8,660	119,606	119,496

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	7.1%	6.5%	7.0%	7.7%	10.0%	10.4%	9.3%	9.7%	9.3%	8.9%	7.1%	6.9%	100.0%
	2010	8.1%	6.5%	6.7%	7.0%	9.2%	10.4%	9.8%	9.7%	9.7%	8.4%	6.6%	7.7%	100.0%
	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%	7.9%	8.4%	9.9%	9.8%	10.1%	10.1%	9.2%	7.3%	7.3%	100.0%
Projected	2019	6.7%	6.9%	7.2%	7.7%	9.1%	9.8%	9.5%	10.2%	9.3%	9.0%	7.3%	7.3%	100.0%
	2020	6.7%	6.9%	7.2%	7.7%	9.1%	9.8%	9.5%	10.2%	9.3%	9.0%	7.3%	7.3%	100.0%
	2021	6.7%	6.9%	7.2%	7.7%	9.1%	9.8%	9.5%	10.2%	9.3%	9.0%	7.3%	7.3%	100.0%
	2022	6.7%	6.9%	7.2%	7.7%	9.1%	9.8%	9.5%	10.2%	9.3%	9.0%	7.3%	7.3%	100.0%
	2023	6.7%	6.9%	7.2%	7.7%	9.1%	9.9%	9.5%	10.2%	9.3%	9.0%	7.3%	7.2%	100.0%
	2024	6.7%	6.9%	7.2%	7.7%	9.1%	9.9%	9.5%	10.2%	9.3%	9.0%	7.3%	7.2%	100.0%
	2025	6.7%	6.9%	7.2%	7.7%	9.1%	9.9%	9.5%	10.2%	9.3%	9.0%	7.3%	7.2%	100.0%
	2026	6.7%	6.9%	7.2%	7.7%	9.1%	9.9%	9.5%	10.2%	9.3%	9.0%	7.3%	7.2%	100.0%
	2027	6.7%	6.9%	7.2%	7.7%	9.1%	9.9%	9.5%	10.2%	9.3%	9.0%	7.3%	7.2%	100.0%
	2028	6.7%	6.9%	7.2%	7.7%	9.1%	9.9%	9.5%	10.2%	9.3%	9.0%	7.3%	7.2%	100.0%
Avg.	2009-2018	6.9%	6.5%	7.1%	7.9%	9.2%	10.1%	9.7%	10.1%	9.5%	8.8%	7.1%	7.1%	100.0%
	2019-2028	6.7%	6.9%	7.2%	7.7%	9.1%	9.9%	9.5%	10.2%	9.3%	9.0%	7.3%	7.3%	100.0%

1	2	3	4	5	6	7	8	9	10	11	12

FMPA 2019 Load Forecast - High Economic Case

Clewiston

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	20.9	21.8	17.2	19.2	23.2	26.5	21.2	21.5	22.3	22.3	23.1	16.1	21.8	26.5
	2010	25.6	18.2	19.0	20.0	23.6	27.7	21.4	23.2	24.0	25.2	16.9	23.7	25.6	27.7
	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	22.6	21.4	17.8	16.8	24.8
Projected	2019	21.4	18.5	18.5	19.4	20.3	26.8	21.6	23.0	22.2	24.5	21.6	17.9	21.4	26.8
	2020	21.6	18.7	18.7	19.7	20.5	27.1	21.8	23.2	22.5	24.8	21.8	18.1	21.6	27.1
	2021	21.8	18.9	18.9	19.8	20.7	27.4	22.0	23.4	22.7	25.0	22.0	18.3	21.8	27.4
	2022	22.0	19.1	19.1	20.0	20.9	27.6	22.2	23.7	22.9	25.2	22.2	18.4	22.0	27.6
	2023	22.2	19.2	19.2	20.2	21.0	27.8	22.4	23.8	23.0	25.4	22.3	18.5	22.2	27.8
	2024	22.3	19.4	19.4	20.3	21.2	28.0	22.6	24.0	23.2	25.6	22.5	18.7	22.3	28.0
	2025	22.5	19.5	19.5	20.4	21.3	28.2	22.7	24.1	23.3	25.7	22.6	18.8	22.5	28.2
	2026	22.6	19.6	19.6	20.5	21.4	28.4	22.8	24.3	23.5	25.9	22.7	18.9	22.6	28.4
	2027	22.7	19.7	19.7	20.7	21.6	28.5	22.9	24.4	23.6	26.0	22.8	19.0	22.7	28.5
	2028	22.8	19.8	19.8	20.8	21.7	28.7	23.1	24.5	23.7	26.2	22.9	19.1	22.8	28.7
Projected	2029	22.9	19.9	19.9	20.9	21.8	28.8	23.2	24.7	23.8	26.3	23.0	19.2	22.9	28.8
	2030	23.0	20.0	20.0	21.0	21.9	29.0	23.3	24.8	24.0	26.4	23.2	19.2	23.0	29.0
	2031	23.2	20.1	20.1	21.1	22.0	29.1	23.4	24.9	24.1	26.5	23.3	19.3	23.2	29.1
	2032	23.3	20.2	20.2	21.2	22.1	29.2	23.5	25.0	24.2	26.7	23.4	19.4	23.3	29.2
	2033	23.4	20.3	20.3	21.3	22.2	29.3	23.6	25.1	24.3	26.8	23.5	19.5	23.4	29.3
	2034	23.5	20.3	20.3	21.3	22.3	29.5	23.7	25.2	24.4	26.9	23.6	19.6	23.5	29.5
	2035	23.6	20.4	20.4	21.4	22.4	29.6	23.8	25.3	24.5	27.0	23.6	19.7	23.6	29.6
	2036	23.6	20.5	20.5	21.5	22.5	29.7	23.9	25.4	24.6	27.1	23.7	19.7	23.6	29.7
	2037	23.7	20.6	20.6	21.6	22.5	29.8	24.0	25.5	24.7	27.2	23.8	19.8	23.7	29.8
	2038	23.8	20.7	20.7	21.7	22.6	30.0	24.1	25.6	24.8	27.3	23.9	19.9	23.8	30.0

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	51.1%	49.3%	61.6%	60.4%	71.9%	58.8%	68.3%	67.8%	64.8%	60.2%	46.4%	66.8%	58.6%	48.2%
	2010	47.0%	58.9%	52.5%	52.5%	64.2%	56.3%	70.7%	62.6%	62.4%	49.8%	58.6%	50.3%	49.4%	45.8%
	2011	48.7%	65.8%	58.9%	55.9%	73.3%	60.7%	68.6%	51.1%	67.8%	56.0%	51.0%	66.5%	51.2%	42.4%
	2012	47.7%	62.6%	56.9%	61.3%	70.4%	55.7%	51.5%	64.7%	65.3%	58.1%	48.2%	67.1%	57.4%	43.3%
	2013	54.3%	44.9%	62.0%	61.4%	71.2%	53.9%	66.2%	66.9%	67.5%	60.0%	60.0%	63.9%	50.7%	47.1%
	2014	61.2%	63.8%	58.2%	57.1%	64.6%	58.1%	65.6%	65.9%	49.1%	61.5%	56.0%	67.3%	67.2%	43.9%
	2015	63.4%	36.3%	64.4%	62.1%	71.4%	56.0%	67.5%	64.6%	65.4%	53.0%	59.9%	68.1%	46.3%	46.7%
	2016	62.3%	60.8%	58.8%	54.4%	68.1%	57.5%	65.2%	66.3%	57.6%	49.8%	60.8%	64.5%	63.4%	48.1%
	2017	45.8%	52.5%	60.6%	56.7%	69.9%	53.3%	55.1%	62.6%	62.6%	63.4%	63.1%	63.4%	57.0%	45.4%
	2018	57.7%	63.6%	56.7%	59.7%	72.9%	56.6%	66.6%	64.9%	62.3%	57.8%	48.6%	60.2%	72.1%	48.7%
Projected	2019	45.3%	59.2%	55.9%	57.2%	71.2%	52.8%	65.7%	64.0%	62.3%	53.0%	48.6%	60.3%	57.3%	45.6%
	2020	45.4%	57.2%	55.9%	57.2%	71.3%	52.9%	65.6%	64.0%	62.2%	53.0%	48.6%	60.3%	57.3%	45.6%
	2021	45.4%	59.3%	56.0%	57.2%	71.3%	52.9%	65.6%	64.0%	62.2%	53.0%	48.7%	60.3%	57.3%	45.6%
	2022	45.4%	59.3%	56.0%	57.3%	71.3%	52.9%	65.6%	64.0%	62.2%	52.9%	48.7%	60.4%	57.3%	45.6%
	2023	45.5%	59.3%	56.0%	57.3%	71.3%	52.9%	65.6%	64.0%	62.2%	52.9%	48.7%	60.4%	57.3%	45.6%
	2024	45.5%	57.3%	56.0%	57.3%	71.3%	52.9%	65.5%	64.0%	62.2%	52.9%	48.7%	60.4%	57.3%	45.6%
	2025	45.5%	59.4%	56.0%	57.3%	71.3%	52.9%	65.5%	64.0%	62.2%	52.9%	48.8%	60.4%	57.3%	45.6%
	2026	45.5%	59.4%	56.0%	57.3%	71.3%	52.9%	65.5%	64.0%	62.2%	52.9%	48.8%	60.4%	57.3%	45.6%
	2027	45.5%	59.4%	56.1%	57.3%	71.3%	52.9%	65.5%	64.0%	62.2%	52.9%	48.8%	60.4%	57.3%	45.6%
	2028	45.5%	57.3%	56.1%	57.4%	71.4%	52.9%	65.5%	64.0%	62.2%	52.9%	48.8%	60.4%	57.3%	45.6%
Avg.	2009-2018	53.9%	55.9%	59.1%	58.1%	69.8%	56.7%	64.5%	63.7%	62.5%	57.0%	55.3%	63.8%	57.3%	46.0%
	2019-2028	45.4%	58.7%	56.0%	57.3%	71.3%	52.9%	65.6%	64.0%	62.2%	52.9%	48.7%	60.4%	57.3%	45.6%

FMPA 2019 Load Forecast - High Economic Case

Clewiston

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	20.6	21.7	17.0	17.0	22.4	26.2	19.8	19.5	19.3	20.2	17.4	13.0	21.7	26.2
	2010	25.6	16.7	19.0	15.2	18.7	21.9	20.4	21.6	20.0	17.8	15.5	23.5	25.6	21.9
	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	20.6	17.6	15.6	16.8	21.6
Projected	2019	18.6	16.5	17.3	18.0	19.2	22.3	19.3	21.7	19.2	22.3	17.8	15.8	18.6	21.7
	2020	18.8	16.7	17.4	18.2	19.5	22.6	19.5	22.0	19.4	22.5	17.9	15.9	18.8	22.0
	2021	19.0	16.9	17.6	18.4	19.6	22.8	19.7	22.2	19.6	22.7	18.1	16.1	19.0	22.2
	2022	19.1	17.0	17.8	18.6	19.8	23.0	19.8	22.4	19.8	22.9	18.2	16.2	19.1	22.4
	2023	19.3	17.1	17.9	18.7	20.0	23.2	20.0	22.6	20.0	23.1	18.3	16.3	19.3	22.6
	2024	19.4	17.3	18.0	18.8	20.1	23.3	20.1	22.7	20.1	23.3	18.5	16.4	19.4	22.7
	2025	19.5	17.4	18.1	18.9	20.2	23.5	20.2	22.8	20.2	23.4	18.6	16.5	19.5	22.8
	2026	19.6	17.5	18.2	19.1	20.3	23.6	20.4	23.0	20.3	23.5	18.7	16.6	19.6	23.0
	2027	19.7	17.6	18.3	19.2	20.4	23.7	20.5	23.1	20.4	23.7	18.8	16.7	19.7	23.1
	2028	19.8	17.7	18.4	19.3	20.6	23.9	20.6	23.2	20.5	23.8	18.9	16.8	19.8	23.2
Projected	2029	19.9	17.7	18.5	19.4	20.7	24.0	20.7	23.3	20.6	23.9	18.9	16.9	19.9	23.3
	2030	20.0	17.8	18.6	19.4	20.8	24.1	20.8	23.5	20.7	24.0	19.0	16.9	20.0	23.5
	2031	20.1	17.9	18.7	19.5	20.9	24.2	20.9	23.6	20.8	24.1	19.1	17.0	20.1	23.6
	2032	20.2	18.0	18.8	19.6	20.9	24.3	21.0	23.7	20.9	24.2	19.2	17.1	20.2	23.7
	2033	20.3	18.1	18.9	19.7	21.0	24.4	21.1	23.8	21.0	24.3	19.3	17.2	20.3	23.8
	2034	20.4	18.1	18.9	19.8	21.1	24.5	21.1	23.9	21.1	24.4	19.4	17.2	20.4	23.9
	2035	20.5	18.2	19.0	19.9	21.2	24.6	21.2	24.0	21.2	24.6	19.4	17.3	20.5	24.0
	2036	20.6	18.3	19.1	20.0	21.3	24.7	21.3	24.1	21.3	24.7	19.5	17.4	20.6	24.1
	2037	20.6	18.4	19.2	20.0	21.4	24.8	21.4	24.2	21.4	24.7	19.6	17.4	20.6	24.2
	2038	20.7	18.4	19.3	20.1	21.5	24.9	21.5	24.3	21.5	24.8	19.7	17.5	20.7	24.3

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	98.5%	99.7%	98.7%	88.6%	96.5%	98.9%	93.3%	90.6%	86.6%	90.8%	75.1%	80.8%	99.7%	98.9%
	2010	100.0%	91.7%	100.0%	76.1%	79.4%	79.1%	95.4%	93.1%	83.2%	70.7%	91.8%	99.2%	100.0%	79.1%
	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%	90.9%	82.2%	88.0%	100.0%	87.2%
Projected	2019	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2020	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2021	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2022	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2023	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2024	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2025	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2026	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2027	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2028	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2009-2018	86.9%	87.3%	93.9%	91.8%	93.2%	83.9%	87.4%	91.7%	88.2%	86.0%	84.6%	88.2%	92.4%	81.5%
	2019-2028	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%

FMPA 2019 Load Forecast - High Economic Case - Clewiston

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	49,474		3,324		14,884		9,969		523		19.1		38,063		116		328		5,738		712		103,956		6,795	6.1%	110,751	
	2010	52,193	5.5%	3,306	-0.5%	15,787	6.1%	10,350	3.8%	523	-0.1%	19.8	3.9%	37,595	-1.2%	117	0.6%	322	-1.8%	2,230	-61.1%	715	0.4%	103,083	-0.8%	8,265	7.4%	111,347	0.5%
	2011	49,594	-5.0%	3,325	0.6%	14,917	-5.5%	10,409	0.6%	515	-1.4%	20.2	2.0%	36,128	-3.9%	119	1.9%	304	-5.7%	3,487	56.4%	512	-28.4%	100,130	-2.9%	8,218	7.6%	108,348	-2.7%
	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%
Projected	2019	49,818	-0.5%	3,457	0.4%	14,409	-0.9%	9,458	5.3%	492	1.9%	19.2	3.4%	38,276	2.1%	138	3.2%	278	-1.0%	1,975	49.5%	385	0.0%	99,913	1.7%	7,151	6.7%	107,064	1.7%
	2020	50,099	0.6%	3,480	0.6%	14,398	-0.1%	9,771	3.3%	504	2.5%	19.4	0.8%	38,660	1.0%	142	3.4%	272	-2.3%	1,975	0.0%	385	0.0%	100,891	1.0%	7,229	6.7%	108,120	1.0%
	2021	50,536	0.9%	3,497	0.5%	14,452	0.4%	10,029	2.6%	511	1.3%	19.6	1.3%	38,944	0.7%	146	2.7%	266	-1.9%	1,975	0.0%	385	0.0%	101,870	1.0%	7,299	6.7%	109,169	1.0%
	2022	50,929	0.8%	3,511	0.4%	14,504	0.4%	10,257	2.3%	515	0.8%	19.9	1.4%	39,241	0.8%	150	2.7%	261	-1.9%	1,975	0.0%	385	0.0%	102,788	0.9%	7,365	6.7%	110,153	0.9%
	2023	51,255	0.6%	3,525	0.4%	14,542	0.3%	10,466	2.0%	518	0.6%	20.2	1.4%	39,521	0.7%	154	2.6%	256	-1.9%	1,975	0.0%	385	0.0%	103,603	0.8%	7,423	6.7%	111,026	0.8%
	2024	51,527	0.5%	3,536	0.3%	14,571	0.2%	10,668	1.9%	521	0.5%	20.5	1.4%	39,752	0.6%	158	2.6%	251	-1.9%	1,975	0.0%	385	0.0%	104,307	0.7%	7,474	6.7%	111,781	0.7%
	2025	51,778	0.5%	3,547	0.3%	14,597	0.2%	10,861	1.8%	523	0.4%	20.8	1.4%	39,973	0.6%	162	2.4%	247	-1.8%	1,975	0.0%	385	0.0%	104,972	0.6%	7,521	6.7%	112,494	0.6%
	2026	52,010	0.4%	3,558	0.3%	14,619	0.2%	11,044	1.7%	525	0.4%	21.0	1.3%	40,182	0.5%	166	2.3%	243	-1.7%	1,975	0.0%	385	0.0%	105,597	0.6%	7,566	6.7%	113,163	0.6%
	2027	52,219	0.4%	3,567	0.3%	14,640	0.1%	11,221	1.6%	527	0.4%	21.3	1.2%	40,371	0.5%	169	2.2%	239	-1.7%	1,975	0.0%	385	0.0%	106,172	0.5%	7,608	6.7%	113,779	0.5%
	2028	52,419	0.4%	3,576	0.3%	14,659	0.1%	11,397	1.6%	529	0.3%	21.5	1.2%	40,546	0.4%	173	2.1%	235	-1.6%	1,975	0.0%	385	0.0%	106,722	0.5%	7,647	6.7%	114,369	0.5%
	2029	52,610	0.4%	3,585	0.2%	14,676	0.1%	11,569	1.5%	531	0.3%	21.8	1.2%	40,718	0.4%	176	2.0%	231	-1.6%	1,975	0.0%	385	0.0%	107,258	0.5%	7,686	6.7%	114,943	0.5%
	2030	52,791	0.3%	3,593	0.2%	14,692	0.1%	11,736	1.4%	532	0.3%	22.0	1.1%	40,888	0.4%	180	2.0%	227	-1.5%	1,975	0.0%	385	0.0%	107,776	0.5%	7,723	6.7%	115,499	0.5%
	2031	52,964	0.3%	3,601	0.2%	14,707	0.1%	11,899	1.4%	534	0.3%	22.3	1.1%	41,056	0.4%	183	1.9%	224	-1.4%	1,975	0.0%	385	0.0%	108,280	0.5%	7,760	6.7%	116,039	0.5%
	2032	53,123	0.3%	3,609	0.2%	14,721	0.1%	12,057	1.3%	536	0.3%	22.5	1.0%	41,227	0.4%	186	1.8%	221	-1.3%	1,975	0.0%	385	0.0%	108,768	0.5%	7,795	6.7%	116,563	0.5%
	2033	53,271	0.3%	3,616	0.2%	14,733	0.1%	12,213	1.3%	537	0.3%	22.7	1.0%	41,400	0.4%	190	1.8%	218	-1.3%	1,975	0.0%	385	0.0%	109,245	0.4%	7,829	6.7%	117,075	0.4%
	2034	53,414	0.3%	3,622	0.2%	14,745	0.1%	12,369	1.3%	539	0.3%	23.0	1.0%	41,562	0.4%	193	1.7%	215	-1.3%	1,975	0.0%	385	0.0%	109,706	0.4%	7,862	6.7%	117,568	0.4%
	2035	53,557	0.3%	3,629	0.2%	14,757	0.1%	12,528	1.3%	540	0.3%	23.2	1.0%	41,720	0.4%	196	1.7%	213	-1.3%	1,975	0.0%	385	0.0%	110,166	0.4%	7,896	6.7%	118,062	0.4%
	2036	53,694	0.3%	3,636	0.2%	14,769	0.1%	12,687	1.3%	542	0.3%	23.4	1.0%	41,877	0.4%	200	1.7%	210	-1.3%	1,975	0.0%	385	0.0%	110,618	0.4%	7,928	6.7%	118,547	0.4%
	2037	53,827	0.2%	3,642	0.2%	14,781	0.1%	12,844	1.2%	543	0.3%	23.6	1.0%	42,034	0.4%	203	1.7%	207	-1.3%	1,975	0.0%	385	0.0%	111,065	0.4%	7,961	6.7%	119,026	0.4%
	2038	53,964	0.3%	3,648	0.2%	14,792	0.1%	12,993	1.2%	545	0.3%	23.9	0.9%	42,186	0.4%	206	1.6%	205	-1.2%	1,975	0.0%	385	0.0%	111,503	0.4%	7,992	6.7%	119,496	0.4%
CAGR	2009-2018		0.1%		0.4%		-0.3%		-1.2%		-0.9%		-0.3%		-0.2%		1.6%		-1.7%		-15.1%		-6.6%		-0.6%		7.0%		-0.6%
	2019-2028		0.6%		0.4%		0.2%		2.1%		0.8%		1.3%		0.6%		2.5%		-1.9%		0.0%		0.0%		0.7%		6.7%		0.7%
	2029-2038		0.3%		0.2%		0.1%		1.3%		0.3%		1.0%		0.4%		1.8%		-1.3%		0.0%		0.0%		0.4%		6.7%		0.4%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - Mild Weather Case

Clewiston

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	110,751	-	111,667	-	0.8%	21.7	-	19.4	-	-10.6%	26.2	-	20.0		-23.8%
	2010	111,347	0.5%	107,159	-4.0%	-3.8%	25.6	18.0%	20.5	5.2%	-20.3%	21.9	-16.6%	21.2	6.0%	-3.1%
	2011	108,348	-2.7%	103,076	-3.8%	-4.9%	23.5	-8.2%	22.6	10.7%	-3.8%	20.3	-7.2%	20.2	-4.6%	-0.4%
	2012	103,126	-4.8%	103,299	0.2%	0.2%	19.3	-18.2%	18.7	-17.4%	-2.9%	19.7	-2.9%	21.4	5.8%	8.6%
	2013	100,568	-2.5%	101,139	-2.1%	0.6%	14.9	-22.9%	14.5	-22.4%	-2.3%	19.8	0.4%	20.0	-6.6%	1.1%
	2014	104,563	4.0%	102,127	1.0%	-2.3%	15.9	7.1%	17.9	23.7%	12.8%	21.4	8.2%	21.9	9.7%	2.5%
	2015	105,534	0.9%	103,262	1.1%	-2.2%	26.8	68.6%	16.3	-9.3%	-39.3%	21.3	-0.6%	20.0	-9.0%	-6.1%
	2016	109,324	3.6%	104,223	0.9%	-4.7%	18.8	-29.7%	17.8	9.5%	-5.5%	21.1	-0.9%	22.1	10.8%	4.9%
	2017	106,621	-2.5%	104,271	0.0%	-2.2%	16.7	-11.3%	15.3	-14.2%	-8.5%	22.4	6.2%	21.7	-2.0%	-3.1%
	2018	105,307	-1.2%	105,660	1.3%	0.3%	16.8	0.4%	18.3	19.9%	9.3%	21.6	-3.3%	22.8	5.3%	5.5%
Projected	2019	103,531	-1.7%	103,531	-2.0%		17.9	6.6%	17.9	-2.5%		20.9	-3.3%	20.9	-8.3%	
	2020			103,359	-0.2%				17.9	0.3%				21.0	0.3%	
	2021			103,762	0.4%				18.0	0.4%				21.1	0.4%	
	2022			104,178	0.4%				18.1	0.4%				21.2	0.4%	
	2023			104,576	0.4%				18.1	0.4%				21.2	0.4%	
	2024			104,924	0.3%				18.2	0.3%				21.3	0.3%	
	2025			105,262	0.3%				18.3	0.3%				21.4	0.3%	
	2026			105,580	0.3%				18.3	0.3%				21.4	0.3%	
	2027			105,872	0.3%				18.4	0.3%				21.5	0.3%	
	2028			106,150	0.3%				18.4	0.3%				21.5	0.3%	
	2029			106,427	0.3%				18.5	0.3%				21.6	0.3%	
	2030			106,694	0.3%				18.5	0.2%				21.7	0.2%	
	2031			106,953	0.2%				18.5	0.2%				21.7	0.2%	
	2032			107,211	0.2%				18.6	0.2%				21.8	0.2%	
	2033			107,471	0.2%				18.6	0.2%				21.8	0.2%	
	2034			107,714	0.2%				18.7	0.2%				21.9	0.2%	
	2035			107,953	0.2%				18.7	0.2%				21.9	0.2%	
	2036			108,203	0.2%				18.8	0.2%				22.0	0.2%	
	2037			108,453	0.2%				18.8	0.2%				22.0	0.2%	
	2038			108,695	0.2%				18.8	0.2%				22.1	0.2%	
CAGR [3]	2009-2018		-0.6%		-0.6%			-2.8%		-0.7%			-2.1%		1.5%	
	2019-2028				0.3%					0.3%					0.3%	
	2029-2038				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 2019 Load Forecast - Mild Weather Case

Clewiston

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	110,751	-	111,667	-	0.8%	21.8	-	58.0%	26.5	-	47.7%
	2010	111,347	0.5%	107,159	-4.0%	-3.8%	25.6	17.6%	49.6%	27.7	4.3%	46.0%
	2011	108,348	-2.7%	103,076	-3.8%	-4.9%	23.7	-7.5%	52.1%	28.6	3.4%	43.2%
	2012	103,126	-4.8%	103,299	0.2%	0.2%	20.6	-13.2%	57.2%	27.3	-4.7%	43.2%
	2013	100,568	-2.5%	101,139	-2.1%	0.6%	22.9	11.2%	50.2%	24.6	-9.8%	46.7%
	2014	104,563	4.0%	102,127	1.0%	-2.3%	17.4	-23.8%	68.4%	26.7	8.6%	44.7%
	2015	105,534	0.9%	103,262	1.1%	-2.2%	26.9	54.2%	44.8%	26.7	-0.1%	45.2%
	2016	109,324	3.6%	104,223	0.9%	-4.7%	19.4	-28.0%	64.4%	25.6	-4.2%	48.8%
	2017	106,621	-2.5%	104,271	0.0%	-2.2%	21.3	10.1%	57.0%	26.7	4.6%	45.5%
	2018	105,307	-1.2%	105,660	1.3%	0.3%	16.8	-21.4%	71.7%	24.8	-7.2%	48.5%
Projected	2019	103,531	-1.7%	103,531	-2.0%		20.6	22.6%	57.5%	25.8	4.1%	45.8%
	2020	103,359	-0.2%	103,359	-0.2%		20.6	0.3%	57.2%	25.9	0.3%	45.5%
	2021	103,762	0.4%	103,762	0.4%		20.7	0.4%	57.2%	26.0	0.4%	45.5%
	2022	104,178	0.4%	104,178	0.4%		20.8	0.4%	57.2%	26.1	0.4%	45.5%
	2023	104,576	0.4%	104,576	0.4%		20.9	0.4%	57.2%	26.2	0.4%	45.5%
	2024	104,924	0.3%	104,924	0.3%		20.9	0.3%	57.2%	26.3	0.3%	45.5%
	2025	105,262	0.3%	105,262	0.3%		21.0	0.3%	57.2%	26.4	0.3%	45.5%
	2026	105,580	0.3%	105,580	0.3%		21.1	0.3%	57.2%	26.5	0.3%	45.5%
	2027	105,872	0.3%	105,872	0.3%		21.1	0.3%	57.2%	26.5	0.3%	45.6%
	2028	106,150	0.3%	106,150	0.3%		21.2	0.3%	57.2%	26.6	0.3%	45.6%
	2029	106,427	0.3%	106,427	0.3%		21.2	0.3%	57.2%	26.7	0.3%	45.6%
	2030	106,694	0.3%	106,694	0.3%		21.3	0.2%	57.2%	26.7	0.2%	45.6%
	2031	106,953	0.2%	106,953	0.2%		21.3	0.2%	57.2%	26.8	0.2%	45.6%
	2032	107,211	0.2%	107,211	0.2%		21.4	0.2%	57.2%	26.9	0.2%	45.6%
	2033	107,471	0.2%	107,471	0.2%		21.4	0.2%	57.2%	26.9	0.2%	45.6%
	2034	107,714	0.2%	107,714	0.2%		21.5	0.2%	57.2%	27.0	0.2%	45.6%
	2035	107,953	0.2%	107,953	0.2%		21.5	0.2%	57.2%	27.1	0.2%	45.6%
	2036	108,203	0.2%	108,203	0.2%		21.6	0.2%	57.2%	27.1	0.2%	45.6%
	2037	108,453	0.2%	108,453	0.2%		21.6	0.2%	57.2%	27.2	0.2%	45.6%
	2038	108,695	0.2%	108,695	0.2%		21.7	0.2%	57.2%	27.2	0.2%	45.6%
CAGR [1]	2009-2018		-0.6%		-0.6%			-2.9%	57.3%		-0.7%	45.9%
	2019-2028		0.3%		0.3%			0.3%	57.3%		0.3%	45.6%
	2029-2038		0.2%		0.2%			0.2%	57.2%		0.2%	45.6%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Mild Weather Case

Clewiston

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	7,945	7,223	7,879	8,633	11,203	11,595	10,438	10,864	10,386	9,989	7,981	7,757	111,895	110,751
	2010	8,977	7,188	7,431	7,791	10,197	11,581	10,877	10,796	10,783	9,321	7,349	8,593	110,883	111,347
	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	9,726	7,729	7,533	105,745	105,307
Projected	2019	6,730	6,872	7,455	8,237	9,668	10,299	9,656	10,268	9,357	9,282	7,738	7,552	103,115	103,531
	2020	6,745	6,890	7,477	8,262	9,699	10,332	9,687	10,303	9,390	9,316	7,767	7,580	103,450	103,359
	2021	6,771	6,917	7,507	8,295	9,737	10,374	9,724	10,344	9,427	9,353	7,799	7,611	103,862	103,762
	2022	6,800	6,946	7,538	8,330	9,776	10,414	9,760	10,385	9,465	9,391	7,830	7,643	104,278	104,178
	2023	6,827	6,974	7,568	8,362	9,813	10,452	9,794	10,422	9,498	9,423	7,857	7,668	104,660	104,576
	2024	6,850	6,998	7,594	8,391	9,846	10,487	9,824	10,457	9,530	9,454	7,883	7,693	105,006	104,924
	2025	6,873	7,021	7,619	8,419	9,878	10,520	9,854	10,489	9,559	9,484	7,907	7,717	105,340	105,262
	2026	6,894	7,043	7,642	8,445	9,907	10,551	9,881	10,520	9,587	9,511	7,930	7,739	105,652	105,580
	2027	6,914	7,064	7,664	8,469	9,935	10,579	9,907	10,548	9,612	9,536	7,951	7,760	105,938	105,872
	2028	6,932	7,083	7,685	8,492	9,961	10,607	9,931	10,576	9,638	9,561	7,972	7,780	106,217	106,150
Projected	2029	6,950	7,102	7,705	8,515	9,987	10,634	9,956	10,603	9,662	9,585	7,992	7,800	106,491	106,427
	2030	6,968	7,120	7,725	8,537	10,012	10,660	9,979	10,629	9,686	9,609	8,011	7,819	106,756	106,694
	2031	6,985	7,138	7,744	8,559	10,037	10,686	10,002	10,654	9,709	9,631	8,030	7,838	107,013	106,953
	2032	7,002	7,156	7,764	8,580	10,061	10,711	10,024	10,680	9,732	9,655	8,050	7,858	107,274	107,211
	2033	7,020	7,174	7,783	8,602	10,085	10,737	10,047	10,705	9,755	9,677	8,069	7,876	107,530	107,471
	2034	7,036	7,191	7,801	8,622	10,108	10,760	10,068	10,728	9,776	9,698	8,087	7,894	107,770	107,714
	2035	7,052	7,208	7,819	8,642	10,131	10,784	10,089	10,752	9,798	9,720	8,105	7,912	108,012	107,953
	2036	7,068	7,225	7,838	8,663	10,155	10,809	10,111	10,777	9,821	9,743	8,124	7,931	108,264	108,203
	2037	7,085	7,242	7,857	8,683	10,178	10,833	10,133	10,801	9,843	9,765	8,142	7,949	108,511	108,453
	2038	7,101	7,259	7,875	8,704	10,201	10,857	10,154	10,825	9,864	9,786	8,160	7,966	108,752	108,695

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	7.1%	6.5%	7.0%	7.7%	10.0%	10.4%	9.3%	9.7%	9.3%	8.9%	7.1%	6.9%	100.0%
	2010	8.1%	6.5%	6.7%	7.0%	9.2%	10.4%	9.8%	9.7%	9.7%	8.4%	6.6%	7.7%	100.0%
	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%	7.9%	8.4%	9.9%	9.8%	10.1%	10.1%	9.2%	7.3%	7.1%	100.0%
Projected	2019	6.5%	6.7%	7.2%	8.0%	9.4%	10.0%	9.4%	10.0%	9.1%	9.0%	7.5%	7.3%	100.0%
	2020	6.5%	6.7%	7.2%	8.0%	9.4%	10.0%	9.4%	10.0%	9.1%	9.0%	7.5%	7.3%	100.0%
	2021	6.5%	6.7%	7.2%	8.0%	9.4%	10.0%	9.4%	10.0%	9.1%	9.0%	7.5%	7.3%	100.0%
	2022	6.5%	6.7%	7.2%	8.0%	9.4%	10.0%	9.4%	10.0%	9.1%	9.0%	7.5%	7.3%	100.0%
	2023	6.5%	6.7%	7.2%	8.0%	9.4%	10.0%	9.4%	10.0%	9.1%	9.0%	7.5%	7.3%	100.0%
	2024	6.5%	6.7%	7.2%	8.0%	9.4%	10.0%	9.4%	10.0%	9.1%	9.0%	7.5%	7.3%	100.0%
	2025	6.5%	6.7%	7.2%	8.0%	9.4%	10.0%	9.4%	10.0%	9.1%	9.0%	7.5%	7.3%	100.0%
	2026	6.5%	6.7%	7.2%	8.0%	9.4%	10.0%	9.4%	10.0%	9.1%	9.0%	7.5%	7.3%	100.0%
	2027	6.5%	6.7%	7.2%	8.0%	9.4%	10.0%	9.4%	10.0%	9.1%	9.0%	7.5%	7.3%	100.0%
	2028	6.5%	6.7%	7.2%	8.0%	9.4%	10.0%	9.4%	10.0%	9.1%	9.0%	7.5%	7.3%	100.0%
Avg.	2009-2018	6.9%	6.5%	7.1%	7.9%	9.2%	10.1%	9.7%	10.1%	9.5%	8.8%	7.1%	7.1%	100.0%
	2019-2028	6.5%	6.7%	7.2%	8.0%	9.4%	10.0%	9.4%	10.0%	9.1%	9.0%	7.5%	7.3%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Mild Weather Case

Clewiston

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	20.9	21.8	17.2	19.2	23.2	26.5	21.2	21.5	22.3	22.3	23.1	16.1	21.8	26.5
	2010	25.6	18.2	19.0	20.0	23.6	27.7	21.4	23.2	24.0	25.2	16.9	23.7	25.6	27.7
	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	22.6	20.6	17.1	16.8	24.8
Projected	2019	20.6	17.8	17.8	18.7	19.5	25.8	20.8	22.1	21.4	23.6	20.6	17.1	20.6	25.8
	2020	20.6	17.9	17.9	18.8	19.6	25.9	20.8	22.2	21.4	23.6	20.7	17.2	20.6	25.9
	2021	20.7	18.0	18.0	18.8	19.7	26.0	20.9	22.3	21.5	23.7	20.8	17.3	20.7	26.0
	2022	20.8	18.0	18.0	18.9	19.7	26.1	21.0	22.4	21.6	23.8	20.9	17.3	20.8	26.1
	2023	20.9	18.1	18.1	19.0	19.8	26.2	21.1	22.4	21.7	23.9	20.9	17.4	20.9	26.2
	2024	20.9	18.2	18.2	19.0	19.9	26.3	21.2	22.5	21.8	24.0	21.0	17.5	20.9	26.3
	2025	21.0	18.2	18.2	19.1	19.9	26.4	21.2	22.6	21.8	24.1	21.1	17.5	21.0	26.4
	2026	21.1	18.3	18.3	19.2	20.0	26.5	21.3	22.6	21.9	24.1	21.1	17.5	21.1	26.5
	2027	21.1	18.3	18.3	19.2	20.1	26.5	21.3	22.7	22.0	24.2	21.2	17.6	21.1	26.5
	2028	21.2	18.4	18.4	19.3	20.1	26.6	21.4	22.8	22.0	24.3	21.2	17.6	21.2	26.6
Projected	2029	21.2	18.4	18.4	19.3	20.2	26.7	21.5	22.8	22.1	24.3	21.3	17.7	21.2	26.7
	2030	21.3	18.5	18.5	19.4	20.2	26.7	21.5	22.9	22.1	24.4	21.3	17.7	21.3	26.7
	2031	21.3	18.5	18.5	19.4	20.3	26.8	21.6	22.9	22.2	24.4	21.4	17.8	21.3	26.8
	2032	21.4	18.6	18.6	19.5	20.3	26.9	21.6	23.0	22.2	24.5	21.4	17.8	21.4	26.9
	2033	21.4	18.6	18.6	19.5	20.4	26.9	21.7	23.1	22.3	24.6	21.5	17.9	21.4	26.9
	2034	21.5	18.6	18.6	19.5	20.4	27.0	21.7	23.1	22.3	24.6	21.5	17.9	21.5	27.0
	2035	21.5	18.7	18.7	19.6	20.4	27.1	21.8	23.2	22.4	24.7	21.6	17.9	21.5	27.1
	2036	21.6	18.7	18.7	19.6	20.5	27.1	21.8	23.2	22.4	24.7	21.6	18.0	21.6	27.1
	2037	21.6	18.8	18.8	19.7	20.5	27.2	21.9	23.3	22.5	24.8	21.7	18.0	21.6	27.2
	2038	21.7	18.8	18.8	19.7	20.6	27.2	21.9	23.3	22.5	24.8	21.7	18.1	21.7	27.2

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	51.1%	49.3%	61.6%	60.4%	71.9%	58.8%	68.3%	67.8%	64.8%	60.2%	46.4%	66.8%	58.6%	48.2%
	2010	47.0%	58.9%	52.5%	52.5%	64.2%	56.3%	70.7%	62.6%	62.4%	49.8%	58.6%	50.3%	49.4%	45.8%
	2011	48.7%	65.8%	58.9%	55.9%	73.3%	60.7%	68.6%	51.1%	67.8%	56.0%	51.0%	66.5%	51.2%	42.4%
	2012	47.7%	62.6%	56.9%	61.3%	70.4%	55.7%	51.5%	64.7%	65.3%	58.1%	48.2%	67.1%	57.4%	43.3%
	2013	54.3%	44.9%	62.0%	61.4%	71.2%	53.9%	66.2%	66.9%	67.5%	60.0%	60.0%	63.9%	50.7%	47.1%
	2014	61.2%	63.8%	58.2%	57.1%	64.6%	58.1%	65.6%	65.9%	49.1%	61.5%	56.0%	67.3%	67.2%	43.9%
	2015	63.4%	36.3%	64.4%	62.1%	71.4%	56.0%	67.5%	64.6%	65.4%	53.0%	59.9%	68.1%	46.3%	46.7%
	2016	62.3%	60.8%	58.8%	54.4%	68.1%	57.5%	65.2%	66.3%	57.6%	49.8%	60.8%	64.5%	63.4%	48.1%
	2017	45.8%	52.5%	60.6%	56.7%	69.9%	53.3%	55.1%	62.6%	62.6%	63.4%	63.1%	63.4%	57.0%	45.4%
	2018	57.7%	63.6%	56.7%	59.7%	72.9%	56.6%	66.6%	64.9%	62.3%	57.8%	50.5%	61.3%	72.0%	48.7%
Projected	2019	44.0%	57.3%	56.2%	59.2%	73.7%	53.6%	64.6%	62.4%	60.8%	53.0%	50.4%	61.2%	57.3%	45.6%
	2020	44.0%	55.3%	56.2%	59.2%	73.7%	53.6%	64.6%	62.4%	60.8%	53.0%	50.4%	61.2%	57.3%	45.6%
	2021	44.0%	57.3%	56.2%	59.2%	73.7%	53.6%	64.5%	62.4%	60.8%	53.0%	50.4%	61.2%	57.3%	45.6%
	2022	44.0%	57.3%	56.2%	59.2%	73.7%	53.6%	64.5%	62.4%	60.8%	53.0%	50.4%	61.2%	57.3%	45.6%
	2023	44.0%	57.3%	56.2%	59.2%	73.7%	53.6%	64.5%	62.4%	60.8%	53.0%	50.5%	61.2%	57.3%	45.6%
	2024	44.0%	55.4%	56.2%	59.2%	73.7%	53.6%	64.5%	62.4%	60.8%	53.0%	50.5%	61.2%	57.3%	45.6%
	2025	44.0%	57.4%	56.2%	59.2%	73.7%	53.6%	64.5%	62.4%	60.8%	53.0%	50.5%	61.2%	57.3%	45.6%
	2026	44.0%	57.4%	56.2%	59.2%	73.7%	53.6%	64.5%	62.4%	60.8%	53.0%	50.5%	61.2%	57.3%	45.6%
	2027	44.0%	57.4%	56.2%	59.2%	73.7%	53.6%	64.5%	62.4%	60.8%	53.0%	50.5%	61.2%	57.3%	45.6%
	2028	44.0%	55.4%	56.2%	59.2%	73.7%	53.6%	64.5%	62.4%	60.8%	53.0%	50.5%	61.3%	57.3%	45.6%
Avg.	2009-2018	53.9%	55.9%	59.1%	58.1%	69.8%	56.7%	64.5%	63.7%	62.5%	57.0%	55.4%	63.9%	57.3%	46.0%
	2019-2028	44.0%	56.8%	56.2%	59.2%	73.7%	53.6%	64.5%	62.4%	60.8%	53.0%	50.5%	61.2%	57.3%	45.6%

FMPA 2019 Load Forecast - Mild Weather Case

Clewiston

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	20.6	21.7	17.0	17.0	22.4	26.2	19.8	19.5	19.3	20.2	17.4	13.0	21.7	26.2
	2010	25.6	16.7	19.0	15.2	18.7	21.9	20.4	21.6	20.0	17.8	15.5	23.5	25.6	21.9
	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	20.6	16.9	15.0	16.8	21.6
Projected	2019	17.9	15.9	16.6	17.3	18.5	21.5	18.5	20.9	18.5	21.4	17.0	15.1	17.9	20.9
	2020	17.9	15.9	16.7	17.4	18.6	21.6	18.6	21.0	18.6	21.5	17.0	15.1	17.9	21.0
	2021	18.0	16.0	16.7	17.5	18.6	21.6	18.7	21.1	18.6	21.6	17.1	15.2	18.0	21.1
	2022	18.1	16.1	16.8	17.5	18.7	21.7	18.7	21.2	18.7	21.7	17.2	15.3	18.1	21.2
	2023	18.1	16.1	16.9	17.6	18.8	21.8	18.8	21.2	18.8	21.7	17.2	15.3	18.1	21.2
	2024	18.2	16.2	16.9	17.7	18.9	21.9	18.9	21.3	18.8	21.8	17.3	15.4	18.2	21.3
	2025	18.3	16.2	17.0	17.7	18.9	21.9	18.9	21.4	18.9	21.9	17.3	15.4	18.3	21.4
	2026	18.3	16.3	17.0	17.8	19.0	22.0	19.0	21.4	19.0	22.0	17.4	15.4	18.3	21.4
	2027	18.4	16.3	17.1	17.8	19.0	22.1	19.0	21.5	19.0	22.0	17.4	15.5	18.4	21.5
	2028	18.4	16.4	17.1	17.9	19.1	22.1	19.1	21.5	19.1	22.1	17.5	15.5	18.4	21.5
Projected	2029	18.5	16.4	17.1	17.9	19.1	22.2	19.1	21.6	19.1	22.1	17.5	15.6	18.5	21.6
	2030	18.5	16.5	17.2	18.0	19.2	22.2	19.2	21.7	19.2	22.2	17.5	15.6	18.5	21.7
	2031	18.5	16.5	17.2	18.0	19.2	22.3	19.2	21.7	19.2	22.2	17.6	15.6	18.5	21.7
	2032	18.6	16.5	17.3	18.0	19.3	22.3	19.3	21.8	19.2	22.3	17.6	15.7	18.6	21.8
	2033	18.6	16.6	17.3	18.1	19.3	22.4	19.3	21.8	19.3	22.3	17.7	15.7	18.6	21.8
	2034	18.7	16.6	17.4	18.1	19.3	22.5	19.4	21.9	19.3	22.4	17.7	15.7	18.7	21.9
	2035	18.7	16.7	17.4	18.2	19.4	22.5	19.4	21.9	19.4	22.4	17.7	15.8	18.7	21.9
	2036	18.8	16.7	17.4	18.2	19.4	22.6	19.5	22.0	19.4	22.5	17.8	15.8	18.8	22.0
	2037	18.8	16.7	17.5	18.3	19.5	22.6	19.5	22.0	19.5	22.5	17.8	15.9	18.8	22.0
	2038	18.8	16.8	17.5	18.3	19.5	22.7	19.5	22.1	19.5	22.6	17.9	15.9	18.8	22.1

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	98.5%	99.7%	98.7%	88.6%	96.5%	98.9%	93.3%	90.6%	86.6%	90.8%	75.1%	80.8%	99.7%	98.9%
	2010	100.0%	91.7%	100.0%	76.1%	79.4%	79.1%	95.4%	93.1%	83.2%	70.7%	91.8%	99.2%	100.0%	79.1%
	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%	90.9%	82.2%	88.0%	100.0%	87.2%
Projected	2019	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2020	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2021	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2022	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2023	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2024	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2025	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2026	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2027	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2028	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2009-2018	86.9%	87.3%	93.9%	91.8%	93.2%	83.9%	87.4%	91.7%	88.2%	86.0%	84.6%	88.2%	92.4%	81.5%
	2019-2028	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%

FMPA 2019 Load Forecast - Mild Weather Case - Clewiston

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	49,474		3,324		14,884		9,969		523		19.1		38,063		116		328		5,738		712		103,956		6,795	6.1%	110,751	
	2010	52,193	5.5%	3,306	-0.5%	15,787	6.1%	10,350	3.8%	523	-0.1%	19.8	3.9%	37,595	-1.2%	117	0.6%	322	-1.8%	2,230	-61.1%	715	0.4%	103,083	-0.8%	8,265	7.4%	111,347	0.5%
	2011	49,594	-5.0%	3,325	0.6%	14,917	-5.5%	10,409	0.6%	515	-1.4%	20.2	2.0%	36,128	-3.9%	119	1.9%	304	-5.7%	3,487	56.4%	512	-28.4%	100,130	-2.9%	8,218	7.6%	108,348	-2.7%
	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%
Projected	2019	47,266	-5.6%	3,452	0.2%	13,693	-5.8%	9,227	2.8%	491	1.6%	18.8	1.1%	37,723	0.7%	136	1.8%	277	-1.2%	1,975	49.5%	385	0.0%	96,577	-1.7%	6,954	6.7%	103,531	-1.7%
	2020	47,071	-0.4%	3,459	0.2%	13,607	-0.6%	9,284	0.6%	501	2.0%	18.5	-1.3%	37,685	-0.1%	136	0.0%	277	-0.1%	1,975	0.0%	385	0.0%	96,402	-0.2%	6,958	6.7%	103,359	-0.2%
	2021	47,231	0.3%	3,467	0.2%	13,624	0.1%	9,413	1.4%	506	1.0%	18.6	0.3%	37,772	0.2%	137	1.0%	275	-0.8%	1,975	0.0%	385	0.0%	96,776	0.4%	6,985	6.7%	103,762	0.4%
	2022	47,356	0.3%	3,474	0.2%	13,632	0.1%	9,538	1.3%	509	0.6%	18.7	0.7%	37,909	0.4%	139	1.4%	272	-1.0%	1,975	0.0%	385	0.0%	97,164	0.4%	7,013	6.7%	104,178	0.4%
	2023	47,465	0.2%	3,480	0.2%	13,640	0.1%	9,659	1.3%	511	0.4%	18.9	0.8%	38,051	0.4%	142	1.6%	269	-1.2%	1,975	0.0%	385	0.0%	97,535	0.4%	7,040	6.7%	104,576	0.4%
	2024	47,565	0.2%	3,485	0.2%	13,647	0.1%	9,778	1.2%	513	0.3%	19.1	0.9%	38,157	0.3%	144	1.6%	265	-1.3%	1,975	0.0%	385	0.0%	97,860	0.3%	7,064	6.7%	104,924	0.3%
	2025	47,659	0.2%	3,491	0.2%	13,653	0.0%	9,894	1.2%	514	0.3%	19.2	0.9%	38,261	0.3%	146	1.6%	262	-1.3%	1,975	0.0%	385	0.0%	98,176	0.3%	7,087	6.7%	105,262	0.3%
	2026	47,745	0.2%	3,495	0.1%	13,659	0.0%	10,005	1.1%	516	0.3%	19.4	0.9%	38,361	0.3%	148	1.5%	259	-1.2%	1,975	0.0%	385	0.0%	98,472	0.3%	7,108	6.7%	105,580	0.3%
	2027	47,820	0.2%	3,499	0.1%	13,665	0.0%	10,112	1.1%	517	0.2%	19.6	0.8%	38,451	0.2%	150	1.4%	256	-1.2%	1,975	0.0%	385	0.0%	98,744	0.3%	7,128	6.7%	105,872	0.3%
	2028	47,891	0.1%	3,503	0.1%	13,670	0.0%	10,220	1.1%	518	0.2%	19.7	0.8%	38,532	0.2%	153	1.4%	253	-1.2%	1,975	0.0%	385	0.0%	99,004	0.3%	7,147	6.7%	106,150	0.3%
	2029	47,962	0.1%	3,507	0.1%	13,675	0.0%	10,328	1.1%	519	0.2%	19.9	0.8%	38,611	0.2%	155	1.4%	249	-1.2%	1,975	0.0%	385	0.0%	99,262	0.3%	7,165	6.7%	106,427	0.3%
	2030	48,026	0.1%	3,511	0.1%	13,679	0.0%	10,431	1.0%	521	0.2%	20.0	0.8%	38,693	0.2%	157	1.3%	247	-1.1%	1,975	0.0%	385	0.0%	99,510	0.3%	7,183	6.7%	106,694	0.3%
	2031	48,085	0.1%	3,514	0.1%	13,683	0.0%	10,531	1.0%	522	0.2%	20.2	0.7%	38,776	0.2%	159	1.3%	244	-1.1%	1,975	0.0%	385	0.0%	99,752	0.2%	7,201	6.7%	106,953	0.2%
	2032	48,137	0.1%	3,517	0.1%	13,686	0.0%	10,629	0.9%	523	0.2%	20.3	0.7%	38,866	0.2%	161	1.3%	242	-1.0%	1,975	0.0%	385	0.0%	99,992	0.2%	7,219	6.7%	107,211	0.2%
	2033	48,187	0.1%	3,520	0.1%	13,688	0.0%	10,727	0.9%	524	0.2%	20.5	0.7%	38,960	0.2%	163	1.2%	239	-1.0%	1,975	0.0%	385	0.0%	100,234	0.2%	7,236	6.7%	107,471	0.2%
	2034	48,234	0.1%	3,523	0.1%	13,691	0.0%	10,824	0.9%	525	0.2%	20.6	0.7%	39,043	0.2%	165	1.2%	237	-1.0%	1,975	0.0%	385	0.0%	100,462	0.2%	7,253	6.7%	107,714	0.2%
	2035	48,276	0.1%	3,525	0.1%	13,694	0.0%	10,924	0.9%	526	0.2%	20.8	0.7%	39,124	0.2%	167	1.2%	234	-1.0%	1,975	0.0%	385	0.0%	100,684	0.2%	7,269	6.7%	107,953	0.2%
	2036	48,320	0.1%	3,528	0.1%	13,697	0.0%	11,028	1.0%	527	0.2%	20.9	0.7%	39,209	0.2%	169	1.3%	232	-1.1%	1,975	0.0%	385	0.0%	100,917	0.2%	7,286	6.7%	108,203	0.2%
	2037	48,367	0.1%	3,530	0.1%	13,701	0.0%	11,128	0.9%	528	0.2%	21.1	0.7%	39,295	0.2%	171	1.2%	230	-1.0%	1,975	0.0%	385	0.0%	101,151	0.2%	7,303	6.7%	108,453	0.2%
	2038	48,418	0.1%	3,533	0.1%	13,703	0.0%	11,220	0.8%	529	0.2%	21.2	0.6%	39,378	0.2%	173	1.1%	228	-0.9%	1,975	0.0%	385	0.0%	101,376	0.2%	7,319	6.7%	108,695	0.2%
CAGR	2009-2018		0.1%		0.4%		-0.3%		-1.2%		-0.9%		-0.3%		-0.2%		1.6%		-1.7%		-15.1%		-6.6%		-0.6%		7.0%		-0.6%
	2019-2028		0.1%		0.2%		0.0%		1.1%		0.6%		0.5%		0.2%		1.3%		-1.0%		0.0%		0.0%		0.3%		6.7%		0.3%
	2029-2038		0.1%		0.1%		0.0%		0.9%		0.2%		0.7%		0.2%		1.2%		-1.0%		0.0%		0.0%		0.2%		6.7%		0.2%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - Severe Weather Case

Clewiston

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	110,751	-	111,667	-	0.8%	21.7	-	19.4	-	-10.6%	26.2	-	20.0		-23.8%
	2010	111,347	0.5%	107,159	-4.0%	-3.8%	25.6	18.0%	20.5	5.2%	-20.3%	21.9	-16.6%	21.2	6.0%	-3.1%
	2011	108,348	-2.7%	103,076	-3.8%	-4.9%	23.5	-8.2%	22.6	10.7%	-3.8%	20.3	-7.2%	20.2	-4.6%	-0.4%
	2012	103,126	-4.8%	103,299	0.2%	0.2%	19.3	-18.2%	18.7	-17.4%	-2.9%	19.7	-2.9%	21.4	5.8%	8.6%
	2013	100,568	-2.5%	101,139	-2.1%	0.6%	14.9	-22.9%	14.5	-22.4%	-2.3%	19.8	0.4%	20.0	-6.6%	1.1%
	2014	104,563	4.0%	102,127	1.0%	-2.3%	15.9	7.1%	17.9	23.7%	12.8%	21.4	8.2%	21.9	9.7%	2.5%
	2015	105,534	0.9%	103,262	1.1%	-2.2%	26.8	68.6%	16.3	-9.3%	-39.3%	21.3	-0.6%	20.0	-9.0%	-6.1%
	2016	109,324	3.6%	104,223	0.9%	-4.7%	18.8	-29.7%	17.8	9.5%	-5.5%	21.1	-0.9%	22.1	10.8%	4.9%
	2017	106,621	-2.5%	104,271	0.0%	-2.2%	16.7	-11.3%	15.3	-14.2%	-8.5%	22.4	6.2%	21.7	-2.0%	-3.1%
	2018	105,307	-1.2%	105,660	1.3%	0.3%	16.8	0.4%	18.3	19.9%	9.3%	21.6	-3.3%	22.8	5.3%	5.5%
Projected	2019	110,133	4.6%	110,133	4.2%		19.1	14.0%	19.1	4.3%		22.4	3.4%	22.4	-1.9%	
	2020			110,568	0.4%				19.2	0.3%				22.4	0.3%	
	2021			110,997	0.4%				19.2	0.4%				22.5	0.4%	
	2022			111,438	0.4%				19.3	0.4%				22.6	0.4%	
	2023			111,857	0.4%				19.4	0.4%				22.7	0.4%	
	2024			112,225	0.3%				19.5	0.3%				22.8	0.3%	
	2025			112,581	0.3%				19.5	0.3%				22.8	0.3%	
	2026			112,917	0.3%				19.6	0.3%				22.9	0.3%	
	2027			113,224	0.3%				19.6	0.3%				23.0	0.3%	
	2028			113,517	0.3%				19.7	0.3%				23.0	0.3%	
	2029			113,809	0.3%				19.7	0.3%				23.1	0.3%	
	2030			114,090	0.2%				19.8	0.2%				23.1	0.2%	
	2031			114,361	0.2%				19.8	0.2%				23.2	0.2%	
	2032			114,632	0.2%				19.9	0.2%				23.3	0.2%	
	2033			114,904	0.2%				19.9	0.2%				23.3	0.2%	
	2034			115,159	0.2%				20.0	0.2%				23.4	0.2%	
	2035			115,409	0.2%				20.0	0.2%				23.4	0.2%	
	2036			115,671	0.2%				20.1	0.2%				23.5	0.2%	
	2037			115,933	0.2%				20.1	0.2%				23.5	0.2%	
	2038			116,186	0.2%				20.1	0.2%				23.6	0.2%	
CAGR [3]	2009-2018		-0.6%		-0.6%			-2.8%		-0.7%			-2.1%		1.5%	
	2019-2028				0.3%					0.3%					0.3%	
	2029-2038				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 2019 Load Forecast - Severe Weather Case

Clewiston

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	110,751	-	111,667	-	0.8%	21.8	-	58.0%	26.5	-	47.7%
	2010	111,347	0.5%	107,159	-4.0%	-3.8%	25.6	17.6%	49.6%	27.7	4.3%	46.0%
	2011	108,348	-2.7%	103,076	-3.8%	-4.9%	23.7	-7.5%	52.1%	28.6	3.4%	43.2%
	2012	103,126	-4.8%	103,299	0.2%	0.2%	20.6	-13.2%	57.2%	27.3	-4.7%	43.2%
	2013	100,568	-2.5%	101,139	-2.1%	0.6%	22.9	11.2%	50.2%	24.6	-9.8%	46.7%
	2014	104,563	4.0%	102,127	1.0%	-2.3%	17.4	-23.8%	68.4%	26.7	8.6%	44.7%
	2015	105,534	0.9%	103,262	1.1%	-2.2%	26.9	54.2%	44.8%	26.7	-0.1%	45.2%
	2016	109,324	3.6%	104,223	0.9%	-4.7%	19.4	-28.0%	64.4%	25.6	-4.2%	48.8%
	2017	106,621	-2.5%	104,271	0.0%	-2.2%	21.3	10.1%	57.0%	26.7	4.6%	45.5%
	2018	105,307	-1.2%	105,660	1.3%	0.3%	16.8	-21.4%	71.7%	24.8	-7.2%	48.5%
Projected	2019	110,133	4.6%	110,133	4.2%		22.0	31.1%	57.2%	27.6	11.3%	45.5%
	2020	110,568	0.4%	110,568	0.4%		22.1	0.3%	57.2%	27.7	0.3%	45.6%
	2021	110,997	0.4%	110,997	0.4%		22.1	0.4%	57.2%	27.8	0.4%	45.6%
	2022	111,438	0.4%	111,438	0.4%		22.2	0.4%	57.2%	27.9	0.4%	45.6%
	2023	111,857	0.4%	111,857	0.4%		22.3	0.4%	57.2%	28.0	0.4%	45.6%
	2024	112,225	0.3%	112,225	0.3%		22.4	0.3%	57.2%	28.1	0.3%	45.6%
	2025	112,581	0.3%	112,581	0.3%		22.4	0.3%	57.2%	28.2	0.3%	45.6%
	2026	112,917	0.3%	112,917	0.3%		22.5	0.3%	57.3%	28.3	0.3%	45.6%
	2027	113,224	0.3%	113,224	0.3%		22.6	0.3%	57.3%	28.4	0.3%	45.6%
	2028	113,517	0.3%	113,517	0.3%		22.6	0.3%	57.3%	28.4	0.3%	45.6%
	2029	113,809	0.3%	113,809	0.3%		22.7	0.3%	57.3%	28.5	0.3%	45.6%
	2030	114,090	0.2%	114,090	0.2%		22.7	0.2%	57.3%	28.6	0.2%	45.6%
	2031	114,361	0.2%	114,361	0.2%		22.8	0.2%	57.3%	28.6	0.2%	45.6%
	2032	114,632	0.2%	114,632	0.2%		22.9	0.2%	57.3%	28.7	0.2%	45.6%
	2033	114,904	0.2%	114,904	0.2%		22.9	0.2%	57.3%	28.8	0.2%	45.6%
	2034	115,159	0.2%	115,159	0.2%		23.0	0.2%	57.3%	28.8	0.2%	45.6%
	2035	115,409	0.2%	115,409	0.2%		23.0	0.2%	57.3%	28.9	0.2%	45.6%
	2036	115,671	0.2%	115,671	0.2%		23.1	0.2%	57.3%	29.0	0.2%	45.6%
	2037	115,933	0.2%	115,933	0.2%		23.1	0.2%	57.3%	29.0	0.2%	45.6%
	2038	116,186	0.2%	116,186	0.2%		23.2	0.2%	57.3%	29.1	0.2%	45.6%
CAGR [1]	2009-2018		-0.6%		-0.6%			-2.9%	57.3%		-0.7%	45.9%
	2019-2028		0.3%		0.3%			0.3%	57.2%		0.3%	45.6%
	2029-2038		0.2%		0.2%			0.2%	57.3%		0.2%	45.6%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Severe Weather Case

Clewiston

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	7,945	7,223	7,879	8,633	11,203	11,595	10,438	10,864	10,386	9,989	7,981	7,757	111,895	110,751
	2010	8,977	7,188	7,431	7,791	10,197	11,581	10,877	10,796	10,783	9,321	7,349	8,593	110,883	111,347
	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	9,726	7,729	7,861	106,073	105,307
Projected	2019	7,739	7,924	7,928	8,237	9,668	10,703	10,674	11,502	10,441	9,872	7,738	7,880	110,307	110,133
	2020	7,755	7,944	7,951	8,262	9,699	10,738	10,708	11,542	10,478	9,908	7,767	7,909	110,662	110,568
	2021	7,785	7,975	7,983	8,295	9,737	10,781	10,749	11,588	10,519	9,948	7,799	7,941	111,101	110,997
	2022	7,816	8,007	8,015	8,330	9,776	10,822	10,789	11,633	10,561	9,987	7,830	7,973	111,541	111,438
	2023	7,846	8,038	8,046	8,362	9,813	10,862	10,826	11,674	10,598	10,022	7,857	7,999	111,944	111,857
	2024	7,871	8,064	8,073	8,391	9,846	10,898	10,860	11,713	10,632	10,054	7,883	8,025	112,309	112,225
	2025	7,896	8,089	8,099	8,419	9,878	10,932	10,892	11,749	10,665	10,085	7,907	8,050	112,662	112,581
	2026	7,919	8,113	8,124	8,445	9,907	10,964	10,922	11,783	10,696	10,114	7,930	8,072	112,991	112,917
	2027	7,941	8,135	8,146	8,469	9,935	10,994	10,950	11,814	10,724	10,141	7,951	8,093	113,292	113,224
	2028	7,960	8,156	8,167	8,492	9,961	11,022	10,977	11,845	10,752	10,167	7,972	8,114	113,586	113,517
Projected	2029	7,980	8,177	8,189	8,515	9,987	11,050	11,004	11,875	10,779	10,193	7,992	8,135	113,875	113,809
	2030	7,999	8,196	8,209	8,537	10,012	11,078	11,030	11,904	10,805	10,218	8,011	8,154	114,154	114,090
	2031	8,018	8,216	8,229	8,559	10,037	11,104	11,055	11,932	10,830	10,242	8,030	8,173	114,424	114,361
	2032	8,036	8,235	8,249	8,580	10,061	11,130	11,080	11,960	10,856	10,267	8,050	8,194	114,697	114,632
	2033	8,055	8,254	8,269	8,602	10,085	11,156	11,104	11,987	10,881	10,290	8,069	8,212	114,965	114,904
	2034	8,072	8,272	8,288	8,622	10,108	11,181	11,127	12,013	10,904	10,313	8,087	8,230	115,217	115,159
	2035	8,089	8,289	8,306	8,642	10,131	11,205	11,150	12,040	10,929	10,336	8,105	8,249	115,470	115,409
	2036	8,106	8,308	8,325	8,663	10,155	11,231	11,175	12,067	10,953	10,360	8,124	8,268	115,733	115,671
	2037	8,124	8,326	8,344	8,683	10,178	11,256	11,198	12,093	10,977	10,383	8,142	8,286	115,992	115,933
	2038	8,141	8,344	8,363	8,704	10,201	11,281	11,222	12,120	11,001	10,405	8,160	8,304	116,245	116,186

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	7.1%	6.5%	7.0%	7.7%	10.0%	10.4%	9.3%	9.7%	9.3%	8.9%	7.1%	6.9%	100.0%
	2010	8.1%	6.5%	6.7%	7.0%	9.2%	10.4%	9.8%	9.7%	9.7%	8.4%	6.6%	7.7%	100.0%
	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%	9.2%	7.3%	7.4%	100.0%
Projected	2019	7.0%	7.2%	7.2%	7.5%	8.8%	9.7%	9.7%	10.4%	9.5%	8.9%	7.0%	7.1%	100.0%
	2020	7.0%	7.2%	7.2%	7.5%	8.8%	9.7%	9.7%	10.4%	9.5%	9.0%	7.0%	7.1%	100.0%
	2021	7.0%	7.2%	7.2%	7.5%	8.8%	9.7%	9.7%	10.4%	9.5%	9.0%	7.0%	7.1%	100.0%
	2022	7.0%	7.2%	7.2%	7.5%	8.8%	9.7%	9.7%	10.4%	9.5%	9.0%	7.0%	7.1%	100.0%
	2023	7.0%	7.2%	7.2%	7.5%	8.8%	9.7%	9.7%	10.4%	9.5%	9.0%	7.0%	7.1%	100.0%
	2024	7.0%	7.2%	7.2%	7.5%	8.8%	9.7%	9.7%	10.4%	9.5%	9.0%	7.0%	7.1%	100.0%
	2025	7.0%	7.2%	7.2%	7.5%	8.8%	9.7%	9.7%	10.4%	9.5%	9.0%	7.0%	7.1%	100.0%
	2026	7.0%	7.2%	7.2%	7.5%	8.8%	9.7%	9.7%	10.4%	9.5%	9.0%	7.0%	7.1%	100.0%
	2027	7.0%	7.2%	7.2%	7.5%	8.8%	9.7%	9.7%	10.4%	9.5%	9.0%	7.0%	7.1%	100.0%
	2028	7.0%	7.2%	7.2%	7.5%	8.8%	9.7%	9.7%	10.4%	9.5%	9.0%	7.0%	7.1%	100.0%
Avg.	2009-2018	6.9%	6.5%	7.1%	7.9%	9.2%	10.1%	9.7%	10.1%	9.5%	8.8%	7.1%	7.2%	100.0%
	2019-2028	7.0%	7.2%	7.2%	7.5%	8.8%	9.7%	9.7%	10.4%	9.5%	9.0%	7.0%	7.1%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Severe Weather Case

Clewiston

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	20.9	21.8	17.2	19.2	23.2	26.5	21.2	21.5	22.3	22.3	23.1	16.1	21.8	26.5
	2010	25.6	18.2	19.0	20.0	23.6	27.7	21.4	23.2	24.0	25.2	16.9	23.7	25.6	27.7
	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	22.6	22.0	18.3	16.8	24.8
Projected	2019	22.0	19.1	19.1	20.0	20.9	27.6	22.2	23.6	22.9	25.2	22.1	18.3	22.0	27.6
	2020	22.1	19.1	19.1	20.1	20.9	27.7	22.3	23.7	22.9	25.3	22.1	18.4	22.1	27.7
	2021	22.1	19.2	19.2	20.1	21.0	27.8	22.4	23.8	23.0	25.4	22.2	18.5	22.1	27.8
	2022	22.2	19.3	19.3	20.2	21.1	27.9	22.5	23.9	23.1	25.5	22.3	18.5	22.2	27.9
	2023	22.3	19.4	19.4	20.3	21.2	28.0	22.5	24.0	23.2	25.6	22.4	18.6	22.3	28.0
	2024	22.4	19.4	19.4	20.4	21.3	28.1	22.6	24.1	23.3	25.6	22.4	18.7	22.4	28.1
	2025	22.4	19.5	19.5	20.4	21.3	28.2	22.7	24.1	23.3	25.7	22.5	18.7	22.4	28.2
	2026	22.5	19.5	19.5	20.5	21.4	28.3	22.8	24.2	23.4	25.8	22.6	18.8	22.5	28.3
	2027	22.6	19.6	19.6	20.5	21.4	28.4	22.8	24.3	23.5	25.9	22.6	18.8	22.6	28.4
	2028	22.6	19.6	19.6	20.6	21.5	28.4	22.9	24.3	23.5	25.9	22.7	18.9	22.6	28.4
Projected	2029	22.7	19.7	19.7	20.6	21.5	28.5	22.9	24.4	23.6	26.0	22.7	18.9	22.7	28.5
	2030	22.7	19.7	19.7	20.7	21.6	28.6	23.0	24.5	23.6	26.1	22.8	18.9	22.7	28.6
	2031	22.8	19.8	19.8	20.7	21.7	28.6	23.0	24.5	23.7	26.1	22.9	19.0	22.8	28.6
	2032	22.9	19.8	19.8	20.8	21.7	28.7	23.1	24.6	23.8	26.2	22.9	19.0	22.9	28.7
	2033	22.9	19.9	19.9	20.8	21.8	28.8	23.2	24.6	23.8	26.3	23.0	19.1	22.9	28.8
	2034	23.0	19.9	19.9	20.9	21.8	28.8	23.2	24.7	23.9	26.3	23.0	19.1	23.0	28.8
	2035	23.0	20.0	20.0	20.9	21.9	28.9	23.3	24.7	23.9	26.4	23.1	19.2	23.0	28.9
	2036	23.1	20.0	20.0	21.0	21.9	29.0	23.3	24.8	24.0	26.4	23.1	19.2	23.1	29.0
	2037	23.1	20.1	20.1	21.0	21.9	29.0	23.4	24.9	24.0	26.5	23.2	19.2	23.1	29.0
	2038	23.2	20.1	20.1	21.1	22.0	29.1	23.4	24.9	24.1	26.5	23.2	19.3	23.2	29.1

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	51.1%	49.3%	61.6%	60.4%	71.9%	58.8%	68.3%	67.8%	64.8%	60.2%	46.4%	66.8%	58.6%	48.2%
	2010	47.0%	58.9%	52.5%	52.5%	64.2%	56.3%	70.7%	62.6%	62.4%	49.8%	58.6%	50.3%	49.4%	45.8%
	2011	48.7%	65.8%	58.9%	55.9%	73.3%	60.7%	68.6%	51.1%	67.8%	56.0%	51.0%	66.5%	51.2%	42.4%
	2012	47.7%	62.6%	56.9%	61.3%	70.4%	55.7%	51.5%	64.7%	65.3%	58.1%	48.2%	67.1%	57.4%	43.3%
	2013	54.3%	44.9%	62.0%	61.4%	71.2%	53.9%	66.2%	66.9%	67.5%	60.0%	60.0%	63.9%	50.7%	47.1%
	2014	61.2%	63.8%	58.2%	57.1%	64.6%	58.1%	65.6%	65.9%	49.1%	61.5%	56.0%	67.3%	67.2%	43.9%
	2015	63.4%	36.3%	64.4%	62.1%	71.4%	56.0%	67.5%	64.6%	65.4%	53.0%	59.9%	68.1%	46.3%	46.7%
	2016	62.3%	60.8%	58.8%	54.4%	68.1%	57.5%	65.2%	66.3%	57.6%	49.8%	60.8%	64.5%	63.4%	48.1%
	2017	45.8%	52.5%	60.6%	56.7%	69.9%	53.3%	55.1%	62.6%	62.6%	63.4%	63.1%	63.4%	57.0%	45.4%
	2018	57.7%	63.6%	56.7%	59.7%	72.9%	56.6%	66.6%	64.9%	62.3%	57.8%	47.3%	59.8%	72.2%	48.8%
Projected	2019	47.3%	61.8%	55.9%	55.4%	68.9%	52.1%	66.7%	65.4%	63.5%	52.7%	47.2%	59.7%	57.3%	45.6%
	2020	47.3%	59.7%	55.9%	55.3%	68.9%	52.1%	66.7%	65.4%	63.5%	52.7%	47.2%	59.7%	57.3%	45.6%
	2021	47.3%	61.8%	55.9%	55.4%	68.9%	52.1%	66.7%	65.4%	63.5%	52.7%	47.2%	59.7%	57.3%	45.6%
	2022	47.3%	61.8%	55.9%	55.4%	68.9%	52.1%	66.7%	65.4%	63.5%	52.7%	47.2%	59.7%	57.3%	45.6%
	2023	47.3%	61.8%	55.9%	55.4%	68.9%	52.1%	66.7%	65.4%	63.5%	52.7%	47.2%	59.7%	57.3%	45.6%
	2024	47.3%	59.7%	55.9%	55.4%	68.9%	52.1%	66.7%	65.4%	63.5%	52.7%	47.2%	59.7%	57.3%	45.6%
	2025	47.3%	61.8%	55.9%	55.4%	68.9%	52.1%	66.7%	65.4%	63.5%	52.7%	47.2%	59.8%	57.3%	45.6%
	2026	47.3%	61.8%	55.9%	55.4%	69.0%	52.1%	66.7%	65.4%	63.5%	52.7%	47.2%	59.8%	57.3%	45.6%
	2027	47.3%	61.8%	55.9%	55.4%	69.0%	52.1%	66.7%	65.4%	63.5%	52.7%	47.2%	59.8%	57.3%	45.6%
	2028	47.3%	59.7%	55.9%	55.4%	69.0%	52.1%	66.6%	65.4%	63.5%	52.7%	47.2%	59.8%	57.3%	45.6%
Avg.	2009-2018	53.9%	55.9%	59.1%	58.1%	69.8%	56.7%	64.5%	63.7%	62.5%	57.0%	55.1%	63.8%	57.3%	46.0%
	2019-2028	47.3%	61.2%	55.9%	55.4%	68.9%	52.1%	66.7%	65.4%	63.5%	52.7%	47.2%	59.7%	57.3%	45.6%

FMPA 2019 Load Forecast - Severe Weather Case

Clewiston

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	20.6	21.7	17.0	17.0	22.4	26.2	19.8	19.5	19.3	20.2	17.4	13.0	21.7	26.2
	2010	25.6	16.7	19.0	15.2	18.7	21.9	20.4	21.6	20.0	17.8	15.5	23.5	25.6	21.9
	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	20.6	18.1	16.1	16.8	21.6
Projected	2019	19.1	17.0	17.8	18.5	19.8	23.0	19.8	22.4	19.8	22.9	18.1	16.1	19.1	22.4
	2020	19.2	17.1	17.8	18.6	19.9	23.0	19.9	22.4	19.8	23.0	18.2	16.2	19.2	22.4
	2021	19.2	17.1	17.9	18.7	19.9	23.1	20.0	22.5	19.9	23.1	18.3	16.3	19.2	22.5
	2022	19.3	17.2	18.0	18.8	20.0	23.2	20.0	22.6	20.0	23.2	18.3	16.3	19.3	22.6
	2023	19.4	17.3	18.0	18.8	20.1	23.3	20.1	22.7	20.1	23.3	18.4	16.4	19.4	22.7
	2024	19.5	17.3	18.1	18.9	20.2	23.4	20.2	22.8	20.1	23.3	18.5	16.4	19.5	22.8
	2025	19.5	17.4	18.1	18.9	20.2	23.5	20.2	22.8	20.2	23.4	18.5	16.5	19.5	22.8
	2026	19.6	17.4	18.2	19.0	20.3	23.5	20.3	22.9	20.3	23.5	18.6	16.5	19.6	22.9
	2027	19.6	17.5	18.2	19.0	20.3	23.6	20.4	23.0	20.3	23.5	18.6	16.6	19.6	23.0
	2028	19.7	17.5	18.3	19.1	20.4	23.7	20.4	23.0	20.4	23.6	18.7	16.6	19.7	23.0
Projected	2029	19.7	17.6	18.3	19.1	20.4	23.7	20.5	23.1	20.4	23.7	18.7	16.6	19.7	23.1
	2030	19.8	17.6	18.4	19.2	20.5	23.8	20.5	23.1	20.5	23.7	18.7	16.7	19.8	23.1
	2031	19.8	17.6	18.4	19.2	20.5	23.8	20.6	23.2	20.5	23.8	18.8	16.7	19.8	23.2
	2032	19.9	17.7	18.5	19.3	20.6	23.9	20.6	23.3	20.6	23.8	18.8	16.8	19.9	23.3
	2033	19.9	17.7	18.5	19.3	20.6	23.9	20.7	23.3	20.6	23.9	18.9	16.8	19.9	23.3
	2034	20.0	17.8	18.5	19.4	20.7	24.0	20.7	23.4	20.7	23.9	18.9	16.8	20.0	23.4
	2035	20.0	17.8	18.6	19.4	20.7	24.0	20.7	23.4	20.7	24.0	19.0	16.9	20.0	23.4
	2036	20.1	17.8	18.6	19.5	20.8	24.1	20.8	23.5	20.8	24.0	19.0	16.9	20.1	23.5
	2037	20.1	17.9	18.7	19.5	20.8	24.2	20.8	23.5	20.8	24.1	19.0	16.9	20.1	23.5
	2038	20.1	17.9	18.7	19.5	20.9	24.2	20.9	23.6	20.8	24.1	19.1	17.0	20.1	23.6

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	98.5%	99.7%	98.7%	88.6%	96.5%	98.9%	93.3%	90.6%	86.6%	90.8%	75.1%	80.8%	99.7%	98.9%
	2010	100.0%	91.7%	100.0%	76.1%	79.4%	79.1%	95.4%	93.1%	83.2%	70.7%	91.8%	99.2%	100.0%	79.1%
	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%	90.9%	82.2%	88.0%	100.0%	87.2%
Projected	2019	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2020	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2021	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2022	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2023	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2024	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2025	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2026	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2027	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2028	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%
	2009-2018	86.9%	87.3%	93.9%	91.8%	93.2%	83.9%	87.4%	91.7%	88.2%	86.0%	84.6%	88.2%	92.4%	81.5%
	2019-2028	86.9%	89.2%	93.1%	92.7%	94.8%	83.2%	89.2%	94.6%	86.6%	90.9%	82.2%	88.0%	86.9%	81.0%

FMPA 2019 Load Forecast - Severe Weather Case - Clewiston

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

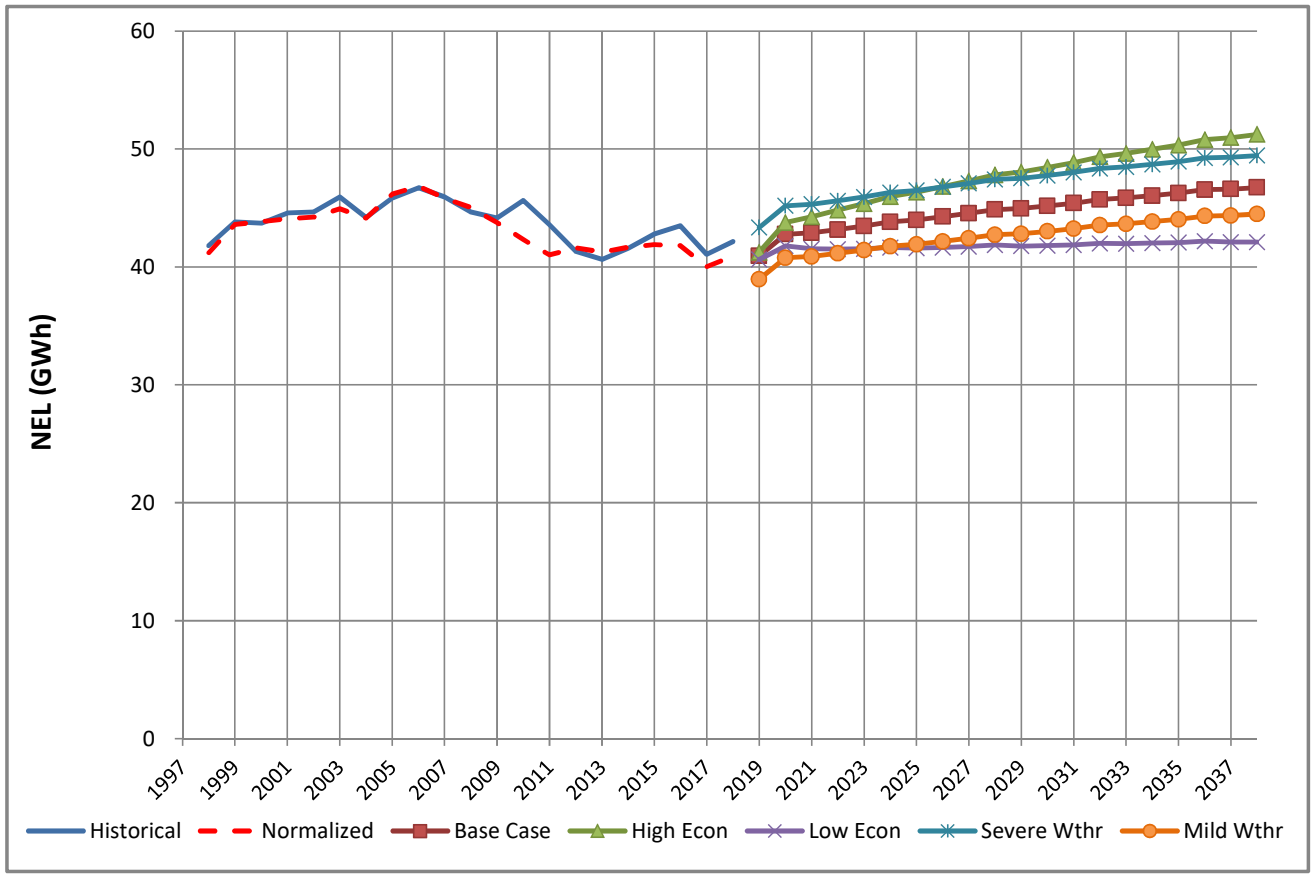
		Residential						General Service Non-Demand						General Service Demand						US Sugar		Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2009	49,474		3,324		14,884		9,969		523		19.1		38,063		116		328		5,738		712		103,956		6,795	6.1%	110,751	
	2010	52,193	5.5%	3,306	-0.5%	15,787	6.1%	10,350	3.8%	523	-0.1%	19.8	3.9%	37,595	-1.2%	117	0.6%	322	-1.8%	2,230	-61.1%	715	0.4%	103,083	-0.8%	8,265	7.4%	111,347	0.5%
	2011	49,594	-5.0%	3,325	0.6%	14,917	-5.5%	10,409	0.6%	515	-1.4%	20.2	2.0%	36,128	-3.9%	119	1.9%	304	-5.7%	3,487	56.4%	512	-28.4%	100,130	-2.9%	8,218	7.6%	108,348	-2.7%
	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%
Projected	2019	52,414	4.7%	3,452	0.2%	15,184	4.4%	9,496	5.8%	491	1.6%	19.3	4.1%	38,559	2.9%	136	1.8%	284	1.0%	1,975	49.5%	385	0.0%	102,829	4.7%	7,304	6.6%	110,133	4.6%
	2020	52,600	0.4%	3,459	0.2%	15,205	0.1%	9,601	1.1%	501	2.0%	19.2	-0.8%	38,674	0.3%	136	0.0%	284	0.3%	1,975	0.0%	385	0.0%	103,236	0.4%	7,332	6.6%	110,568	0.4%
	2021	52,778	0.3%	3,467	0.2%	15,224	0.1%	9,734	1.4%	506	1.0%	19.2	0.3%	38,763	0.2%	137	1.0%	282	-0.8%	1,975	0.0%	385	0.0%	103,637	0.4%	7,361	6.6%	110,997	0.4%
	2022	52,919	0.3%	3,474	0.2%	15,233	0.1%	9,864	1.3%	509	0.6%	19.4	0.7%	38,904	0.4%	139	1.4%	279	-1.0%	1,975	0.0%	385	0.0%	104,047	0.4%	7,390	6.6%	111,438	0.4%
	2023	53,040	0.2%	3,480	0.2%	15,242	0.1%	9,988	1.3%	511	0.4%	19.5	0.8%	39,050	0.4%	142	1.6%	276	-1.2%	1,975	0.0%	385	0.0%	104,439	0.4%	7,418	6.6%	111,857	0.4%
	2024	53,152	0.2%	3,485	0.2%	15,250	0.1%	10,111	1.2%	513	0.3%	19.7	0.9%	39,159	0.3%	144	1.6%	272	-1.3%	1,975	0.0%	385	0.0%	104,782	0.3%	7,442	6.6%	112,225	0.3%
	2025	53,257	0.2%	3,491	0.2%	15,257	0.0%	10,232	1.2%	514	0.3%	19.9	0.9%	39,265	0.3%	146	1.6%	269	-1.3%	1,975	0.0%	385	0.0%	105,115	0.3%	7,466	6.6%	112,581	0.3%
	2026	53,353	0.2%	3,495	0.1%	15,264	0.0%	10,347	1.1%	516	0.3%	20.1	0.9%	39,368	0.3%	148	1.5%	265	-1.2%	1,975	0.0%	385	0.0%	105,428	0.3%	7,489	6.6%	112,917	0.3%
	2027	53,437	0.2%	3,499	0.1%	15,270	0.0%	10,457	1.1%	517	0.2%	20.2	0.8%	39,460	0.2%	150	1.4%	262	-1.2%	1,975	0.0%	385	0.0%	105,715	0.3%	7,509	6.6%	113,224	0.3%
	2028	53,516	0.1%	3,503	0.1%	15,276	0.0%	10,569	1.1%	518	0.2%	20.4	0.8%	39,543	0.2%	153	1.4%	259	-1.2%	1,975	0.0%	385	0.0%	105,989	0.3%	7,529	6.6%	113,517	0.3%
	2029	53,595	0.1%	3,507	0.1%	15,281	0.0%	10,681	1.1%	519	0.2%	20.6	0.8%	39,624	0.2%	155	1.4%	256	-1.2%	1,975	0.0%	385	0.0%	106,261	0.3%	7,548	6.6%	113,809	0.3%
	2030	53,667	0.1%	3,511	0.1%	15,286	0.0%	10,787	1.0%	521	0.2%	20.7	0.8%	39,708	0.2%	157	1.3%	253	-1.1%	1,975	0.0%	385	0.0%	106,522	0.2%	7,567	6.6%	114,090	0.2%
	2031	53,733	0.1%	3,514	0.1%	15,290	0.0%	10,890	1.0%	522	0.2%	20.9	0.7%	39,793	0.2%	159	1.3%	250	-1.1%	1,975	0.0%	385	0.0%	106,776	0.2%	7,585	6.6%	114,361	0.2%
	2032	53,791	0.1%	3,517	0.1%	15,293	0.0%	10,992	0.9%	523	0.2%	21.0	0.7%	39,885	0.2%	161	1.3%	248	-1.0%	1,975	0.0%	385	0.0%	107,029	0.2%	7,603	6.6%	114,632	0.2%
	2033	53,847	0.1%	3,520	0.1%	15,296	0.0%	11,093	0.9%	524	0.2%	21.2	0.7%	39,982	0.2%	163	1.2%	245	-1.0%	1,975	0.0%	385	0.0%	107,282	0.2%	7,622	6.6%	114,904	0.2%
	2034	53,899	0.1%	3,523	0.1%	15,299	0.0%	11,193	0.9%	525	0.2%	21.3	0.7%	40,067	0.2%	165	1.2%	243	-1.0%	1,975	0.0%	385	0.0%	107,521	0.2%	7,639	6.6%	115,159	0.2%
	2035	53,947	0.1%	3,525	0.1%	15,302	0.0%	11,296	0.9%	526	0.2%	21.5	0.7%	40,150	0.2%	167	1.2%	241	-1.0%	1,975	0.0%	385	0.0%	107,754	0.2%	7,656	6.6%	115,409	0.2%
	2036	53,995	0.1%	3,528	0.1%	15,306	0.0%	11,404	1.0%	527	0.2%	21.6	0.7%	40,238	0.2%	169	1.3%	238	-1.1%	1,975	0.0%	385	0.0%	107,998	0.2%	7,673	6.6%	115,671	0.2%
	2037	54,048	0.1%	3,530	0.1%	15,310	0.0%	11,507	0.9%	528	0.2%	21.8	0.7%	40,326	0.2%	171	1.2%	236	-1.0%	1,975	0.0%	385	0.0%	108,242	0.2%	7,691	6.6%	115,933	0.2%
	2038	54,105	0.1%	3,533	0.1%	15,313	0.0%	11,602	0.8%	529	0.2%	21.9	0.6%	40,411	0.2%	173	1.1%	234	-0.9%	1,975	0.0%	385	0.0%	108,478	0.2%	7,708	6.6%	116,186	0.2%
CAGR	2009-2018		0.1%		0.4%		-0.3%		-1.2%		-0.9%		-0.3%		-0.2%		1.6%		-1.7%		-15.1%		-6.6%		-0.6%		7.0%		-0.6%
	2019-2028		0.2%		0.2%		0.1%		1.2%		0.6%		0.6%		0.3%		1.3%		-1.0%		0.0%		0.0%		0.3%		6.6%		0.3%
	2029-2038		0.1%		0.1%		0.0%		0.9%		0.2%		0.7%		0.2%		1.2%		-1.0%		0.0%		0.0%		0.2%		6.6%		0.2%

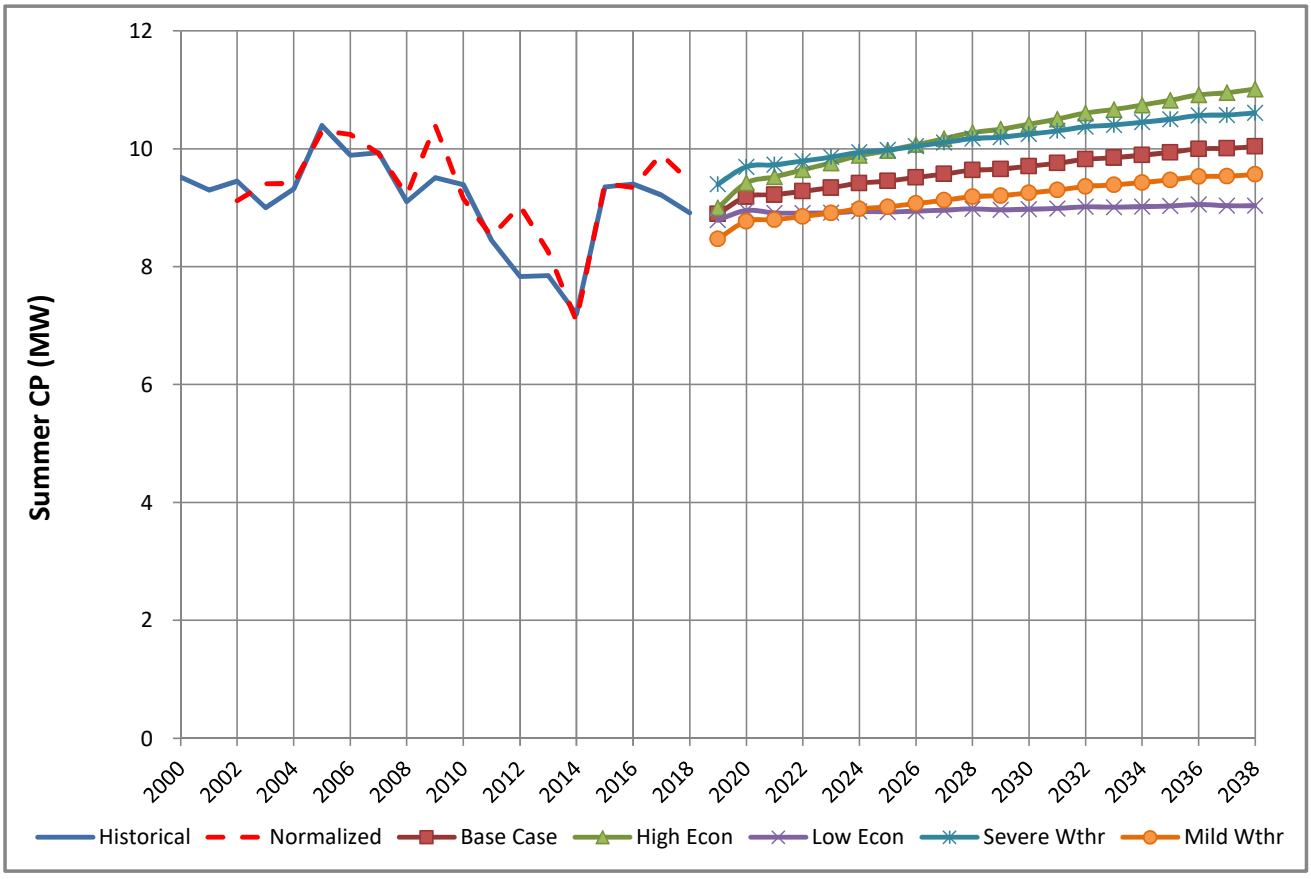
CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast

Fort Meade

Historical and Projected NEL and Annual Coincident Peak Demand





FMPA 2019 Load Forecast - Low Economic Case

Ft. Meade (Full Req'ts)

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	44,134	-	43,777	-	-0.8%	12.5	-	10.0	-	-19.7%	9.5	-	10.4		9.3%
	2010	45,653	3.4%	42,333	-3.3%	-7.3%	14.0	11.9%	12.1	20.1%	-13.8%	9.4	-1.2%	9.2	-12.0%	-2.5%
	2011	43,569	-4.6%	41,018	-3.1%	-5.9%	12.3	-11.9%	11.9	-1.6%	-3.8%	8.4	-10.1%	8.4	-8.6%	-0.9%
	2012	41,322	-5.2%	41,636	1.5%	0.8%	10.9	-11.5%	10.9	-8.1%	-0.2%	7.8	-7.2%	9.0	8.0%	15.3%
	2013	40,645	-1.6%	41,263	-0.9%	1.5%	8.7	-20.1%	10.0	-8.6%	14.2%	7.8	0.2%	8.2	-8.7%	5.1%
	2014	41,588	2.3%	41,686	1.0%	0.2%	9.3	6.8%	11.5	15.6%	23.5%	7.2	-8.3%	7.1	-14.2%	-1.7%
	2015	42,783	2.9%	41,886	0.5%	-2.1%	10.6	14.2%	11.0	-4.2%	3.6%	9.4	30.0%	9.4	33.0%	0.6%
	2016	43,483	1.6%	41,805	-0.2%	-3.9%	7.8	-26.3%	10.7	-2.5%	37.1%	9.4	0.5%	9.3	-0.8%	-0.6%
	2017	41,077	-5.5%	40,030	-4.2%	-2.5%	6.7	-14.9%	10.7	-0.2%	60.9%	9.2	-1.9%	9.9	6.1%	7.5%
	2018	42,163	2.6%	40,910	2.2%	-3.0%	11.8	76.5%	12.0	11.8%	1.9%	8.9	-3.3%	9.4	-4.7%	5.9%
Projected	2019	40,646	-3.6%	40,646	-0.6%		10.2	-13.4%	10.2	-15.0%		8.8	-1.4%	8.8	-6.9%	
	2020			41,780	2.8%				10.4	1.9%				9.0	1.9%	
	2021			41,538	-0.6%				10.3	-0.5%				8.9	-0.5%	
	2022			41,512	-0.1%				10.3	0.0%				8.9	0.0%	
	2023			41,534	0.1%				10.3	0.1%				8.9	0.1%	
	2024			41,648	0.3%				10.4	0.3%				8.9	0.3%	
	2025			41,598	-0.1%				10.4	-0.1%				8.9	-0.1%	
	2026			41,658	0.1%				10.4	0.2%				8.9	0.2%	
	2027			41,732	0.2%				10.4	0.2%				9.0	0.2%	
	2028			41,854	0.3%				10.4	0.2%				9.0	0.2%	
	2029			41,769	-0.2%				10.4	-0.2%				9.0	-0.2%	
	2030			41,808	0.1%				10.4	0.1%				9.0	0.1%	
	2031			41,869	0.1%				10.4	0.1%				9.0	0.1%	
	2032			42,006	0.3%				10.5	0.3%				9.0	0.3%	
	2033			41,974	-0.1%				10.4	-0.1%				9.0	-0.1%	
	2034			42,017	0.1%				10.5	0.1%				9.0	0.1%	
	2035			42,065	0.1%				10.5	0.1%				9.0	0.1%	
	2036			42,194	0.3%				10.5	0.3%				9.1	0.3%	
	2037			42,103	-0.2%				10.5	-0.2%				9.0	-0.2%	
	2038			42,099	0.0%				10.5	0.0%				9.0	0.0%	
CAGR [3]	2009-2018		-0.5%		-0.7%			-0.7%		2.0%			-0.7%		-1.1%	
	2019-2028				0.3%					0.2%					0.2%	
	2029-2038				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 2019 Load Forecast - Low Economic Case

Ft. Meade (Full Req'ts)

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	44,134	-	43,777	-	-0.8%	12.7	-	39.8%	9.6	-	52.7%
	2010	45,653	3.4%	42,333	-3.3%	-7.3%	14.0	10.5%	37.2%	9.7	1.0%	54.0%
	2011	43,569	-4.6%	41,018	-3.1%	-5.9%	12.5	-10.8%	39.8%	9.7	0.2%	51.5%
	2012	41,322	-5.2%	41,636	1.5%	0.8%	11.0	-11.9%	42.9%	8.9	-7.9%	53.0%
	2013	40,645	-1.6%	41,263	-0.9%	1.5%	9.6	-12.9%	48.4%	8.8	-0.8%	52.6%
	2014	41,588	2.3%	41,686	1.0%	0.2%	9.9	3.8%	47.7%	9.4	6.0%	50.7%
	2015	42,783	2.9%	41,886	0.5%	-2.1%	11.1	11.6%	44.0%	9.5	1.6%	51.4%
	2016	43,483	1.6%	41,805	-0.2%	-3.9%	9.7	-12.5%	51.1%	9.5	0.1%	52.2%
	2017	41,077	-5.5%	40,030	-4.2%	-2.5%	8.5	-12.1%	54.9%	9.7	2.2%	48.2%
	2018	42,163	2.6%	40,910	2.2%	-3.0%	11.8	37.9%	40.9%	9.3	-4.3%	51.7%
Projected	2019	40,646	-3.6%	40,646	-0.6%		10.5	-10.9%	44.2%	9.3	-0.3%	50.0%
	2020	41,780	2.8%	41,780	2.8%		10.7	1.9%	44.6%	9.4	1.9%	50.5%
	2021	41,538	-0.6%	41,538	-0.6%		10.6	-0.5%	44.6%	9.4	-0.5%	50.4%
	2022	41,512	-0.1%	41,512	-0.1%		10.6	0.0%	44.6%	9.4	0.0%	50.4%
	2023	41,534	0.1%	41,534	0.1%		10.6	0.1%	44.6%	9.4	0.1%	50.4%
	2024	41,648	0.3%	41,648	0.3%		10.7	0.3%	44.6%	9.4	0.3%	50.4%
	2025	41,598	-0.1%	41,598	-0.1%		10.7	-0.1%	44.6%	9.4	-0.1%	50.4%
	2026	41,658	0.1%	41,658	0.1%		10.7	0.2%	44.6%	9.4	0.2%	50.4%
	2027	41,732	0.2%	41,732	0.2%		10.7	0.2%	44.6%	9.5	0.2%	50.4%
	2028	41,854	0.3%	41,854	0.3%		10.7	0.2%	44.6%	9.5	0.2%	50.4%
	2029	41,769	-0.2%	41,769	-0.2%		10.7	-0.2%	44.6%	9.5	-0.2%	50.4%
	2030	41,808	0.1%	41,808	0.1%		10.7	0.1%	44.6%	9.5	0.1%	50.4%
	2031	41,869	0.1%	41,869	0.1%		10.7	0.1%	44.6%	9.5	0.1%	50.4%
	2032	42,006	0.3%	42,006	0.3%		10.8	0.3%	44.6%	9.5	0.3%	50.4%
	2033	41,974	-0.1%	41,974	-0.1%		10.8	-0.1%	44.6%	9.5	-0.1%	50.4%
	2034	42,017	0.1%	42,017	0.1%		10.8	0.1%	44.6%	9.5	0.1%	50.4%
	2035	42,065	0.1%	42,065	0.1%		10.8	0.1%	44.6%	9.5	0.1%	50.4%
	2036	42,194	0.3%	42,194	0.3%		10.8	0.3%	44.6%	9.6	0.3%	50.4%
	2037	42,103	-0.2%	42,103	-0.2%		10.8	-0.2%	44.6%	9.5	-0.2%	50.4%
	2038	42,099	0.0%	42,099	0.0%		10.8	0.0%	44.6%	9.5	0.0%	50.4%
CAGR [1]	2009-2018		-0.5%		-0.7%			-0.8%	44.7%		-0.3%	51.8%
	2019-2028		0.3%		0.3%			0.2%	44.5%		0.2%	50.4%
	2029-2038		0.1%		0.1%			0.1%	44.6%		0.1%	50.4%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Low Economic Case

Ft. Meade (Full Req'ts)

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	3,640	3,214	3,214	3,229	3,942	4,257	4,117	4,305	4,073	3,957	3,062	3,382	44,393	44,134
	2010	4,484	3,590	3,113	2,978	4,143	4,376	4,256	4,317	3,997	3,302	2,844	4,397	45,795	45,653
	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	3,301	2,894	3,085	42,095	42,163
Projected	2019	3,338	2,742	2,974	3,007	3,629	3,689	3,910	4,131	3,947	3,396	2,994	3,199	40,956	40,646
	2020	3,447	2,923	3,092	3,128	3,766	3,799	4,026	4,093	3,916	3,373	2,978	3,184	41,725	41,780
	2021	3,431	2,828	3,080	3,118	3,754	3,787	4,014	4,083	3,907	3,368	2,974	3,181	41,525	41,538
	2022	3,428	2,826	3,078	3,116	3,752	3,786	4,013	4,083	3,907	3,368	2,975	3,182	41,515	41,512
	2023	3,429	2,827	3,080	3,118	3,754	3,788	4,016	4,085	3,910	3,371	2,978	3,185	41,542	41,534
	2024	3,432	2,913	3,082	3,120	3,757	3,791	4,019	4,088	3,913	3,373	2,979	3,187	41,654	41,648
	2025	3,434	2,831	3,084	3,123	3,760	3,794	4,023	4,092	3,917	3,376	2,983	3,191	41,609	41,598
	2026	3,439	2,835	3,089	3,127	3,766	3,800	4,029	4,100	3,924	3,383	2,988	3,197	41,675	41,658
	2027	3,445	2,840	3,094	3,132	3,772	3,807	4,037	4,107	3,931	3,388	2,992	3,202	41,747	41,732
	2028	3,450	2,927	3,097	3,135	3,775	3,809	4,038	4,108	3,931	3,388	2,992	3,200	41,852	41,854
Projected	2029	3,449	2,843	3,097	3,135	3,775	3,810	4,039	4,109	3,932	3,389	2,993	3,202	41,774	41,769
	2030	3,451	2,845	3,099	3,138	3,779	3,814	4,044	4,114	3,938	3,394	2,998	3,207	41,822	41,808
	2031	3,457	2,850	3,104	3,142	3,784	3,819	4,050	4,120	3,943	3,399	3,001	3,211	41,881	41,869
	2032	3,461	2,937	3,108	3,146	3,789	3,824	4,055	4,126	3,948	3,403	3,005	3,215	42,018	42,006
	2033	3,466	2,857	3,112	3,150	3,793	3,829	4,060	4,131	3,953	3,407	3,008	3,219	41,984	41,974
	2034	3,470	2,860	3,115	3,153	3,797	3,833	4,064	4,135	3,957	3,410	3,011	3,221	42,026	42,017
	2035	3,473	2,863	3,118	3,156	3,801	3,838	4,070	4,141	3,963	3,415	3,016	3,226	42,080	42,065
	2036	3,478	2,951	3,122	3,160	3,805	3,841	4,073	4,143	3,964	3,416	3,016	3,226	42,195	42,194
	2037	3,478	2,866	3,121	3,159	3,804	3,840	4,072	4,142	3,963	3,415	3,015	3,225	42,099	42,103
	2038	3,477	2,865	3,121	3,159	3,804	3,840	4,072	4,142	3,964	3,416	3,016	3,227	42,103	42,099

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.2%	7.2%	7.2%	7.3%	8.9%	9.6%	9.3%	9.7%	9.2%	8.9%	6.9%	7.6%	100.0%
	2010	9.8%	7.8%	6.8%	6.5%	9.0%	9.6%	9.3%	9.4%	8.7%	7.2%	6.2%	9.6%	100.0%
	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	9.1%	6.8%	7.0%	7.6%	8.2%	9.5%	9.7%	10.2%	10.0%	7.8%	6.9%	7.3%	100.0%
Projected	2019	8.2%	6.7%	7.3%	7.3%	8.9%	9.0%	9.5%	10.1%	9.6%	8.3%	7.3%	7.8%	100.0%
	2020	8.3%	7.0%	7.4%	7.5%	9.0%	9.1%	9.6%	9.8%	9.4%	8.1%	7.1%	7.6%	100.0%
	2021	8.3%	6.8%	7.4%	7.5%	9.0%	9.1%	9.7%	9.8%	9.4%	8.1%	7.2%	7.7%	100.0%
	2022	8.3%	6.8%	7.4%	7.5%	9.0%	9.1%	9.7%	9.8%	9.4%	8.1%	7.2%	7.7%	100.0%
	2023	8.3%	6.8%	7.4%	7.5%	9.0%	9.1%	9.7%	9.8%	9.4%	8.1%	7.2%	7.7%	100.0%
	2024	8.2%	7.0%	7.4%	7.5%	9.0%	9.1%	9.6%	9.8%	9.4%	8.1%	7.2%	7.7%	100.0%
	2025	8.3%	6.8%	7.4%	7.5%	9.0%	9.1%	9.7%	9.8%	9.4%	8.1%	7.2%	7.7%	100.0%
	2026	8.3%	6.8%	7.4%	7.5%	9.0%	9.1%	9.7%	9.8%	9.4%	8.1%	7.2%	7.7%	100.0%
	2027	8.3%	6.8%	7.4%	7.5%	9.0%	9.1%	9.7%	9.8%	9.4%	8.1%	7.2%	7.7%	100.0%
	2028	8.2%	7.0%	7.4%	7.5%	9.0%	9.1%	9.6%	9.8%	9.4%	8.1%	7.1%	7.6%	100.0%
Avg.	2009-2018	8.2%	7.0%	7.3%	7.7%	9.1%	9.4%	9.7%	10.0%	9.1%	8.1%	6.8%	7.7%	100.0%
	2019-2028	8.2%	6.9%	7.4%	7.5%	9.0%	9.1%	9.6%	9.9%	9.4%	8.1%	7.2%	7.7%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Low Economic Case

Ft. Meade (Full Req'ts)

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	11.1	12.7	9.4	7.4	8.8	9.6	9.0	9.2	8.8	8.9	7.4	8.1	12.7	9.6
	2010	14.0	10.8	9.4	6.8	8.9	9.7	9.3	9.3	8.8	8.1	6.6	12.5	14.0	9.7
	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	7.7	6.8	7.8	11.8	9.3
Projected	2019	10.5	8.9	7.3	8.2	8.7	9.0	8.9	9.3	8.5	7.6	6.9	7.9	10.5	9.3
	2020	10.7	9.1	7.4	8.3	8.9	9.2	9.0	9.4	8.6	7.8	6.9	7.9	10.7	9.4
	2021	10.6	9.0	7.4	8.3	8.8	9.1	9.0	9.4	8.6	7.7	6.9	7.9	10.6	9.4
	2022	10.6	9.0	7.4	8.3	8.8	9.1	9.0	9.4	8.6	7.7	6.9	7.9	10.6	9.4
	2023	10.6	9.1	7.4	8.3	8.8	9.1	9.0	9.4	8.6	7.7	6.9	7.9	10.6	9.4
	2024	10.7	9.1	7.4	8.3	8.8	9.2	9.0	9.4	8.6	7.8	6.9	7.9	10.7	9.4
	2025	10.7	9.1	7.4	8.3	8.8	9.1	9.0	9.4	8.6	7.8	6.9	7.9	10.7	9.4
	2026	10.7	9.1	7.4	8.3	8.8	9.2	9.0	9.4	8.6	7.8	6.9	7.9	10.7	9.4
	2027	10.7	9.1	7.4	8.3	8.9	9.2	9.0	9.5	8.6	7.8	7.0	7.9	10.7	9.5
	2028	10.7	9.1	7.4	8.4	8.9	9.2	9.1	9.5	8.7	7.8	6.9	7.9	10.7	9.5
Projected	2029	10.7	9.1	7.4	8.4	8.9	9.2	9.0	9.5	8.6	7.8	7.0	7.9	10.7	9.5
	2030	10.7	9.1	7.4	8.4	8.9	9.2	9.0	9.5	8.7	7.8	7.0	7.9	10.7	9.5
	2031	10.7	9.1	7.4	8.4	8.9	9.2	9.1	9.5	8.7	7.8	7.0	8.0	10.7	9.5
	2032	10.8	9.2	7.5	8.4	8.9	9.2	9.1	9.5	8.7	7.8	7.0	8.0	10.8	9.5
	2033	10.8	9.1	7.5	8.4	8.9	9.2	9.1	9.5	8.7	7.8	7.0	8.0	10.8	9.5
	2034	10.8	9.2	7.5	8.4	8.9	9.2	9.1	9.5	8.7	7.8	7.0	8.0	10.8	9.5
	2035	10.8	9.2	7.5	8.4	8.9	9.3	9.1	9.5	8.7	7.8	7.0	8.0	10.8	9.5
	2036	10.8	9.2	7.5	8.4	9.0	9.3	9.1	9.6	8.7	7.9	7.0	8.0	10.8	9.6
	2037	10.8	9.2	7.5	8.4	8.9	9.3	9.1	9.5	8.7	7.9	7.0	8.0	10.8	9.5
	2038	10.8	9.2	7.5	8.4	8.9	9.3	9.1	9.5	8.7	7.9	7.0	8.0	10.8	9.5

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	44.3%	37.8%	46.2%	58.9%	66.5%	59.9%	63.2%	62.8%	64.4%	59.6%	55.4%	58.0%	40.0%	53.0%
	2010	43.1%	49.3%	44.4%	58.7%	69.5%	60.9%	63.7%	62.2%	63.1%	54.5%	57.8%	48.9%	37.4%	54.2%
	2011	40.5%	50.1%	60.5%	52.6%	66.0%	56.6%	64.6%	64.6%	63.9%	57.9%	52.7%	63.8%	38.3%	49.5%
	2012	40.3%	41.0%	63.6%	54.8%	70.9%	57.2%	64.6%	63.1%	64.0%	56.2%	60.1%	52.6%	43.4%	53.7%
	2013	56.5%	48.4%	44.8%	59.8%	65.8%	58.5%	61.4%	63.3%	59.7%	60.3%	56.1%	63.9%	48.6%	52.8%
	2014	49.5%	59.4%	64.9%	52.6%	64.3%	59.8%	65.5%	61.2%	60.0%	57.6%	50.5%	55.3%	47.6%	50.6%
	2015	54.3%	40.5%	58.1%	61.3%	66.1%	57.7%	64.1%	60.5%	61.6%	55.4%	56.2%	65.4%	44.5%	51.9%
	2016	47.0%	46.5%	56.1%	53.1%	67.5%	60.7%	64.1%	60.8%	64.3%	58.7%	59.9%	64.0%	50.2%	51.2%
	2017	48.5%	56.9%	55.1%	50.8%	65.3%	54.8%	62.7%	61.4%	54.0%	58.5%	58.2%	51.2%	55.2%	48.5%
	2018	43.5%	59.9%	56.4%	56.1%	64.3%	61.2%	63.9%	63.5%	62.7%	57.9%	57.1%	55.2%	40.8%	51.7%
Projected	2019	42.8%	45.7%	55.0%	49.4%	62.1%	55.1%	61.3%	59.9%	64.7%	59.8%	58.0%	56.2%	44.6%	50.4%
	2020	43.4%	46.2%	56.1%	50.4%	63.3%	55.7%	62.0%	58.2%	63.0%	58.3%	58.0%	56.2%	44.6%	50.4%
	2021	43.4%	46.5%	56.2%	50.5%	63.4%	55.8%	62.1%	58.4%	63.1%	58.4%	57.9%	56.2%	44.6%	50.4%
	2022	43.3%	46.5%	56.2%	50.5%	63.4%	55.8%	62.1%	58.4%	63.2%	58.5%	57.9%	56.2%	44.6%	50.4%
	2023	43.3%	46.5%	56.2%	50.5%	63.4%	55.7%	62.1%	58.4%	63.2%	58.5%	57.8%	56.1%	44.6%	50.4%
	2024	43.3%	46.1%	56.0%	50.4%	63.3%	55.6%	62.0%	58.3%	63.0%	58.4%	57.9%	56.2%	44.6%	50.4%
	2025	43.3%	46.5%	56.1%	50.5%	63.4%	55.7%	62.1%	58.4%	63.2%	58.5%	57.9%	56.1%	44.6%	50.4%
	2026	43.3%	46.5%	56.1%	50.5%	63.4%	55.7%	62.1%	58.4%	63.2%	58.5%	57.9%	56.1%	44.6%	50.4%
	2027	43.3%	46.5%	56.1%	50.5%	63.4%	55.8%	62.1%	58.4%	63.2%	58.5%	57.8%	56.1%	44.6%	50.4%
	2028	43.3%	46.1%	56.1%	50.4%	63.3%	55.6%	62.0%	58.3%	63.0%	58.3%	57.9%	56.2%	44.6%	50.4%
Avg.	2009-2018	46.8%	49.0%	55.0%	55.9%	66.6%	58.7%	63.8%	62.3%	61.8%	57.7%	56.4%	57.8%	44.6%	51.7%
	2019-2028	43.3%	46.3%	56.0%	50.3%	63.2%	55.7%	62.0%	58.5%	63.3%	58.6%	57.9%	56.2%	44.6%	50.4%

FMPA 2019 Load Forecast - Low Economic Case

Ft. Meade (Full Req'ts)

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	11.0	12.5	9.4	7.2	8.2	9.5	8.5	8.8	8.6	8.9	7.3	8.0	12.5	9.5
	2010	14.0	9.0	9.4	6.5	8.2	9.4	8.4	9.0	8.6	8.1	6.5	12.3	14.0	9.4
	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	7.4	6.4	7.5	11.8	8.9
Projected	2019	10.2	8.5	6.9	7.7	8.2	8.7	8.2	8.8	8.2	7.3	6.5	7.7	10.2	8.8
	2020	10.4	8.7	7.1	7.8	8.4	8.9	8.4	9.0	8.4	7.5	6.5	7.6	10.4	9.0
	2021	10.3	8.6	7.0	7.8	8.3	8.8	8.3	8.9	8.4	7.5	6.5	7.6	10.3	8.9
	2022	10.3	8.6	7.0	7.8	8.3	8.8	8.3	8.9	8.4	7.4	6.5	7.6	10.3	8.9
	2023	10.3	8.6	7.0	7.8	8.3	8.8	8.3	8.9	8.4	7.5	6.5	7.7	10.3	8.9
	2024	10.4	8.7	7.1	7.8	8.4	8.8	8.4	8.9	8.4	7.5	6.5	7.6	10.4	8.9
	2025	10.4	8.7	7.0	7.8	8.4	8.8	8.4	8.9	8.4	7.5	6.5	7.7	10.4	8.9
	2026	10.4	8.7	7.1	7.8	8.4	8.9	8.4	8.9	8.4	7.5	6.5	7.7	10.4	8.9
	2027	10.4	8.7	7.1	7.8	8.4	8.9	8.4	9.0	8.4	7.5	6.5	7.7	10.4	9.0
	2028	10.4	8.7	7.1	7.8	8.4	8.9	8.4	9.0	8.4	7.5	6.5	7.7	10.4	9.0
Projected	2029	10.4	8.7	7.1	7.8	8.4	8.9	8.4	9.0	8.4	7.5	6.5	7.7	10.4	9.0
	2030	10.4	8.7	7.1	7.8	8.4	8.9	8.4	9.0	8.4	7.5	6.5	7.7	10.4	9.0
	2031	10.4	8.7	7.1	7.8	8.4	8.9	8.4	9.0	8.4	7.5	6.5	7.7	10.4	9.0
	2032	10.5	8.7	7.1	7.9	8.4	8.9	8.4	9.0	8.5	7.5	6.5	7.7	10.5	9.0
	2033	10.4	8.7	7.1	7.9	8.4	8.9	8.4	9.0	8.5	7.5	6.5	7.7	10.4	9.0
	2034	10.5	8.7	7.1	7.9	8.4	8.9	8.4	9.0	8.5	7.5	6.5	7.7	10.5	9.0
	2035	10.5	8.8	7.1	7.9	8.5	8.9	8.4	9.0	8.5	7.6	6.6	7.8	10.5	9.0
	2036	10.5	8.8	7.1	7.9	8.5	9.0	8.5	9.1	8.5	7.6	6.5	7.7	10.5	9.1
	2037	10.5	8.8	7.1	7.9	8.5	8.9	8.5	9.0	8.5	7.6	6.5	7.7	10.5	9.0
	2038	10.5	8.8	7.1	7.9	8.5	8.9	8.5	9.0	8.5	7.6	6.5	7.7	10.5	9.0

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	99.9%	98.7%	100.0%	98.0%	92.8%	99.5%	94.0%	95.9%	97.5%	100.0%	98.7%	99.2%	98.7%	99.5%
	2010	100.0%	83.0%	100.0%	95.1%	92.8%	97.3%	91.0%	96.9%	97.3%	100.0%	98.2%	98.8%	100.0%	97.3%
	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%	96.2%	93.6%	97.0%	100.0%	95.8%
Projected	2019	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2020	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2021	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2022	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2023	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2024	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2025	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2026	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2027	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2028	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2009-2018	97.2%	95.6%	95.4%	93.6%	94.6%	95.5%	91.9%	93.5%	96.2%	96.1%	93.4%	96.3%	93.6%	92.6%
	2019-2028	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%

FMPA 2019 Load Forecast - Low Economic Case - Ft Meade

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	27,686		2,364		11,714		12,772		335		38.1		40,458		3,676	8.3%	44,134	
	2010	28,710	3.7%	2,367	0.1%	12,129	3.5%	13,644	6.8%	337	0.5%	40.5	6.2%	42,354	4.7%	3,299	7.2%	45,653	3.4%
	2011	27,574	-4.0%	2,339	-1.2%	11,788	-2.8%	13,249	-2.9%	341	1.0%	38.9	-3.8%	40,824	-3.6%	2,746	6.3%	43,569	-4.6%
	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%
Projected	2019	26,419	-2.8%	2,380	1.8%	11,102	-4.5%	12,218	0.3%	317	1.4%	38.5	-1.0%	38,637	-1.8%	2,009	4.9%	40,646	-3.6%
	2020	25,721	-2.6%	2,382	0.1%	10,798	-2.7%	13,613	11.4%	320	0.9%	42.5	10.4%	39,334	1.8%	2,446	5.9%	41,780	2.8%
	2021	25,567	-0.6%	2,383	0.0%	10,728	-0.6%	13,616	0.0%	321	0.4%	42.4	-0.3%	39,183	-0.4%	2,355	5.7%	41,538	-0.6%
	2022	25,537	-0.1%	2,385	0.1%	10,709	-0.2%	13,621	0.0%	321	0.1%	42.4	-0.1%	39,159	-0.1%	2,354	5.7%	41,512	-0.1%
	2023	25,552	0.1%	2,386	0.1%	10,708	0.0%	13,628	0.0%	322	0.1%	42.4	0.0%	39,179	0.1%	2,355	5.7%	41,534	0.1%
	2024	25,574	0.1%	2,388	0.1%	10,711	0.0%	13,634	0.1%	322	0.1%	42.3	-0.1%	39,209	0.1%	2,440	5.9%	41,648	0.3%
	2025	25,598	0.1%	2,389	0.1%	10,714	0.0%	13,642	0.1%	322	0.1%	42.3	0.0%	39,239	0.1%	2,359	5.7%	41,598	-0.1%
	2026	25,647	0.2%	2,390	0.1%	10,729	0.1%	13,649	0.1%	323	0.1%	42.3	-0.1%	39,296	0.1%	2,362	5.7%	41,658	0.1%
	2027	25,710	0.2%	2,391	0.0%	10,751	0.2%	13,656	0.1%	323	0.1%	42.3	-0.1%	39,366	0.2%	2,366	5.7%	41,732	0.2%
	2028	25,739	0.1%	2,392	0.0%	10,760	0.1%	13,663	0.1%	323	0.1%	42.2	-0.1%	39,402	0.1%	2,452	5.9%	41,854	0.3%
	2029	25,731	0.0%	2,393	0.0%	10,752	-0.1%	13,670	0.0%	324	0.1%	42.2	-0.1%	39,401	0.0%	2,368	5.7%	41,769	-0.2%
	2030	25,761	0.1%	2,394	0.0%	10,761	0.1%	13,677	0.0%	324	0.1%	42.2	-0.1%	39,437	0.1%	2,370	5.7%	41,808	0.1%
	2031	25,813	0.2%	2,394	0.0%	10,782	0.2%	13,683	0.0%	324	0.1%	42.2	-0.1%	39,495	0.1%	2,374	5.7%	41,869	0.1%
	2032	25,857	0.2%	2,394	0.0%	10,800	0.2%	13,688	0.0%	325	0.1%	42.2	-0.1%	39,545	0.1%	2,461	5.9%	42,006	0.3%
	2033	25,901	0.2%	2,394	0.0%	10,818	0.2%	13,693	0.0%	325	0.1%	42.1	0.0%	39,594	0.1%	2,380	5.7%	41,974	-0.1%
	2034	25,937	0.1%	2,394	0.0%	10,834	0.1%	13,697	0.0%	325	0.1%	42.1	0.0%	39,635	0.1%	2,382	5.7%	42,017	0.1%
	2035	25,978	0.2%	2,394	0.0%	10,851	0.2%	13,702	0.0%	325	0.1%	42.1	0.0%	39,680	0.1%	2,385	5.7%	42,065	0.1%
	2036	26,015	0.1%	2,394	0.0%	10,868	0.2%	13,707	0.0%	326	0.1%	42.1	0.0%	39,722	0.1%	2,472	5.9%	42,194	0.3%
	2037	26,005	0.0%	2,393	0.0%	10,866	0.0%	13,712	0.0%	326	0.1%	42.1	0.0%	39,716	0.0%	2,387	5.7%	42,103	-0.2%
	2038	25,997	0.0%	2,393	0.0%	10,863	0.0%	13,715	0.0%	326	0.1%	42.1	0.0%	39,712	0.0%	2,387	5.7%	42,099	0.0%
CAGR	2009-2018		-0.2%		-0.1%		-0.1%		-0.5%		-0.8%		0.2%		-0.3%		6.0%		-0.5%
	2019-2028		-0.3%		0.1%		-0.3%		1.2%		0.2%		1.0%		0.2%		5.7%		0.3%
	2029-2038		0.1%		0.0%		0.1%		0.0%		0.1%		0.0%		0.1%		5.7%		0.1%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - High Economic Case

Ft. Meade (Full Req'ts)

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	44,134	-	43,777	-	-0.8%	12.5	-	10.0	-	-19.7%	9.5	-	10.4		9.3%
	2010	45,653	3.4%	42,333	-3.3%	-7.3%	14.0	11.9%	12.1	20.1%	-13.8%	9.4	-1.2%	9.2	-12.0%	-2.5%
	2011	43,569	-4.6%	41,018	-3.1%	-5.9%	12.3	-11.9%	11.9	-1.6%	-3.8%	8.4	-10.1%	8.4	-8.6%	-0.9%
	2012	41,322	-5.2%	41,636	1.5%	0.8%	10.9	-11.5%	10.9	-8.1%	-0.2%	7.8	-7.2%	9.0	8.0%	15.3%
	2013	40,645	-1.6%	41,263	-0.9%	1.5%	8.7	-20.1%	10.0	-8.6%	14.2%	7.8	0.2%	8.2	-8.7%	5.1%
	2014	41,588	2.3%	41,686	1.0%	0.2%	9.3	6.8%	11.5	15.6%	23.5%	7.2	-8.3%	7.1	-14.2%	-1.7%
	2015	42,783	2.9%	41,886	0.5%	-2.1%	10.6	14.2%	11.0	-4.2%	3.6%	9.4	30.0%	9.4	33.0%	0.6%
	2016	43,483	1.6%	41,805	-0.2%	-3.9%	7.8	-26.3%	10.7	-2.5%	37.1%	9.4	0.5%	9.3	-0.8%	-0.6%
	2017	41,077	-5.5%	40,030	-4.2%	-2.5%	6.7	-14.9%	10.7	-0.2%	60.9%	9.2	-1.9%	9.9	6.1%	7.5%
	2018	42,163	2.6%	40,910	2.2%	-3.0%	11.8	76.5%	12.0	11.8%	1.9%	8.9	-3.3%	9.4	-4.7%	5.9%
Projected	2019	41,249	-2.2%	41,249	0.8%		10.4	-11.4%	10.4	-13.0%		9.0	0.9%	9.0	-4.7%	
	2020			43,759	6.1%				10.9	4.7%				9.4	4.7%	
	2021			44,250	1.1%				11.0	1.1%				9.5	1.1%	
	2022			44,816	1.3%				11.2	1.3%				9.6	1.3%	
	2023			45,361	1.2%				11.3	1.2%				9.8	1.2%	
	2024			45,959	1.3%				11.5	1.3%				9.9	1.3%	
	2025			46,341	0.8%				11.6	0.8%				10.0	0.8%	
	2026			46,819	1.0%				11.7	1.0%				10.1	1.0%	
	2027			47,293	1.0%				11.8	1.0%				10.2	1.0%	
	2028			47,803	1.1%				11.9	1.0%				10.3	1.0%	
	2029			48,059	0.5%				12.0	0.5%				10.3	0.5%	
	2030			48,447	0.8%				12.1	0.8%				10.4	0.8%	
	2031			48,855	0.8%				12.2	0.8%				10.5	0.8%	
	2032			49,341	1.0%				12.3	1.0%				10.6	1.0%	
	2033			49,620	0.6%				12.4	0.6%				10.7	0.6%	
	2034			49,981	0.7%				12.5	0.7%				10.7	0.7%	
	2035			50,343	0.7%				12.6	0.7%				10.8	0.7%	
	2036			50,793	0.9%				12.7	0.9%				10.9	0.9%	
	2037			50,970	0.3%				12.7	0.3%				10.9	0.3%	
	2038			51,246	0.5%				12.8	0.6%				11.0	0.6%	
CAGR [3]	2009-2018		-0.5%		-0.7%			-0.7%		2.0%			-0.7%		-1.1%	
	2019-2028				1.7%					1.5%					1.5%	
	2029-2038				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 2019 Load Forecast - High Economic Case

Ft. Meade (Full Req'ts)

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	44,134	-	43,777	-	-0.8%	12.7	-	39.8%	9.6	-	52.7%
	2010	45,653	3.4%	42,333	-3.3%	-7.3%	14.0	10.5%	37.2%	9.7	1.0%	54.0%
	2011	43,569	-4.6%	41,018	-3.1%	-5.9%	12.5	-10.8%	39.8%	9.7	0.2%	51.5%
	2012	41,322	-5.2%	41,636	1.5%	0.8%	11.0	-11.9%	42.9%	8.9	-7.9%	53.0%
	2013	40,645	-1.6%	41,263	-0.9%	1.5%	9.6	-12.9%	48.4%	8.8	-0.8%	52.6%
	2014	41,588	2.3%	41,686	1.0%	0.2%	9.9	3.8%	47.7%	9.4	6.0%	50.7%
	2015	42,783	2.9%	41,886	0.5%	-2.1%	11.1	11.6%	44.0%	9.5	1.6%	51.4%
	2016	43,483	1.6%	41,805	-0.2%	-3.9%	9.7	-12.5%	51.1%	9.5	0.1%	52.2%
	2017	41,077	-5.5%	40,030	-4.2%	-2.5%	8.5	-12.1%	54.9%	9.7	2.2%	48.2%
	2018	42,163	2.6%	40,910	2.2%	-3.0%	11.8	37.9%	40.9%	9.3	-4.3%	51.7%
Projected	2019	41,249	-2.2%	41,249	0.8%		10.7	-8.8%	43.9%	9.5	2.0%	49.6%
	2020	43,759	6.1%	43,759	6.1%		11.2	4.7%	44.4%	9.9	4.7%	50.3%
	2021	44,250	1.1%	44,250	1.1%		11.4	1.1%	44.5%	10.0	1.1%	50.3%
	2022	44,816	1.3%	44,816	1.3%		11.5	1.3%	44.5%	10.2	1.3%	50.3%
	2023	45,361	1.2%	45,361	1.2%		11.6	1.2%	44.5%	10.3	1.2%	50.3%
	2024	45,959	1.3%	45,959	1.3%		11.8	1.3%	44.5%	10.4	1.3%	50.3%
	2025	46,341	0.8%	46,341	0.8%		11.9	0.8%	44.5%	10.5	0.8%	50.3%
	2026	46,819	1.0%	46,819	1.0%		12.0	1.0%	44.5%	10.6	1.0%	50.3%
	2027	47,293	1.0%	47,293	1.0%		12.1	1.0%	44.5%	10.7	1.0%	50.3%
	2028	47,803	1.1%	47,803	1.1%		12.3	1.0%	44.5%	10.8	1.0%	50.3%
	2029	48,059	0.5%	48,059	0.5%		12.3	0.5%	44.5%	10.9	0.5%	50.3%
	2030	48,447	0.8%	48,447	0.8%		12.4	0.8%	44.5%	11.0	0.8%	50.3%
	2031	48,855	0.8%	48,855	0.8%		12.5	0.8%	44.5%	11.1	0.8%	50.3%
	2032	49,341	1.0%	49,341	1.0%		12.7	1.0%	44.5%	11.2	1.0%	50.3%
	2033	49,620	0.6%	49,620	0.6%		12.7	0.6%	44.5%	11.3	0.6%	50.3%
	2034	49,981	0.7%	49,981	0.7%		12.8	0.7%	44.5%	11.3	0.7%	50.3%
	2035	50,343	0.7%	50,343	0.7%		12.9	0.7%	44.5%	11.4	0.7%	50.3%
	2036	50,793	0.9%	50,793	0.9%		13.0	0.9%	44.5%	11.5	0.9%	50.4%
	2037	50,970	0.3%	50,970	0.3%		13.1	0.3%	44.5%	11.6	0.3%	50.4%
	2038	51,246	0.5%	51,246	0.5%		13.1	0.6%	44.5%	11.6	0.6%	50.4%
CAGR [1]	2009-2018		-0.5%		-0.7%			-0.8%	44.7%		-0.3%	51.8%
	2019-2028		1.7%		1.7%			1.5%	44.4%		1.5%	50.2%
	2029-2038		0.7%		0.7%			0.7%	44.5%		0.7%	50.3%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - High Economic Case

Ft. Meade (Full Req'ts)

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	3,640	3,214	3,214	3,229	3,942	4,257	4,117	4,305	4,073	3,957	3,062	3,382	44,393	44,134
	2010	4,484	3,590	3,113	2,978	4,143	4,376	4,256	4,317	3,997	3,302	2,844	4,397	45,795	45,653
	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	3,301	2,894	3,085	42,095	42,163
Projected	2019	3,350	2,762	3,005	3,048	3,692	3,770	4,014	4,252	4,075	3,515	3,103	3,328	41,914	41,249
	2020	3,599	3,053	3,230	3,270	3,945	3,997	4,250	4,328	4,142	3,568	3,144	3,370	43,895	43,759
	2021	3,647	3,004	3,271	3,310	3,994	4,050	4,309	4,387	4,197	3,614	3,183	3,412	44,378	44,250
	2022	3,695	3,042	3,311	3,350	4,043	4,102	4,366	4,445	4,252	3,660	3,221	3,453	44,940	44,816
	2023	3,741	3,079	3,350	3,388	4,091	4,152	4,421	4,501	4,303	3,703	3,256	3,492	45,479	45,361
	2024	3,785	3,205	3,387	3,424	4,134	4,198	4,471	4,552	4,351	3,742	3,289	3,527	46,065	45,959
	2025	3,825	3,145	3,420	3,458	4,175	4,242	4,520	4,601	4,397	3,781	3,321	3,562	46,447	46,341
	2026	3,865	3,177	3,454	3,491	4,217	4,287	4,569	4,651	4,444	3,820	3,354	3,598	46,927	46,819
	2027	3,906	3,209	3,489	3,525	4,258	4,331	4,617	4,699	4,489	3,858	3,385	3,632	47,395	47,293
	2028	3,943	3,333	3,519	3,554	4,293	4,367	4,656	4,738	4,524	3,887	3,408	3,657	47,880	47,803
Projected	2029	3,971	3,261	3,544	3,579	4,324	4,400	4,693	4,775	4,560	3,917	3,433	3,684	48,142	48,059
	2030	4,003	3,287	3,571	3,606	4,358	4,437	4,734	4,817	4,599	3,950	3,462	3,715	48,539	48,447
	2031	4,038	3,315	3,600	3,635	4,393	4,475	4,775	4,859	4,638	3,983	3,488	3,744	48,942	48,855
	2032	4,071	3,439	3,628	3,663	4,427	4,511	4,814	4,899	4,675	4,014	3,514	3,772	49,426	49,341
	2033	4,103	3,366	3,655	3,689	4,459	4,545	4,852	4,937	4,711	4,044	3,539	3,799	49,702	49,620
	2034	4,134	3,391	3,681	3,715	4,491	4,579	4,889	4,974	4,746	4,073	3,563	3,825	50,060	49,981
	2035	4,163	3,415	3,706	3,740	4,522	4,613	4,927	5,013	4,782	4,103	3,589	3,854	50,427	50,343
	2036	4,195	3,540	3,732	3,765	4,552	4,644	4,960	5,046	4,813	4,128	3,609	3,875	50,859	50,793
	2037	4,219	3,458	3,752	3,785	4,576	4,669	4,988	5,074	4,838	4,149	3,626	3,894	51,028	50,970
	2038	4,241	3,476	3,771	3,804	4,600	4,696	5,017	5,104	4,867	4,174	3,647	3,917	51,315	51,246

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.2%	7.2%	7.2%	7.3%	8.9%	9.6%	9.3%	9.7%	9.2%	8.9%	6.9%	7.6%	100.0%
	2010	9.8%	7.8%	6.8%	6.5%	9.0%	9.6%	9.3%	9.4%	8.7%	7.2%	6.2%	9.6%	100.0%
	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	9.1%	6.8%	7.0%	7.6%	8.2%	9.5%	9.7%	10.2%	10.0%	7.8%	6.9%	7.3%	100.0%
Projected	2019	8.0%	6.6%	7.2%	7.3%	8.8%	9.0%	9.6%	10.1%	9.7%	8.4%	7.4%	7.9%	100.0%
	2020	8.2%	7.0%	7.4%	7.4%	9.0%	9.1%	9.7%	9.9%	9.4%	8.1%	7.2%	7.7%	100.0%
	2021	8.2%	6.8%	7.4%	7.5%	9.0%	9.1%	9.7%	9.9%	9.5%	8.1%	7.2%	7.7%	100.0%
	2022	8.2%	6.8%	7.4%	7.5%	9.0%	9.1%	9.7%	9.9%	9.5%	8.1%	7.2%	7.7%	100.0%
	2023	8.2%	6.8%	7.4%	7.5%	9.0%	9.1%	9.7%	9.9%	9.5%	8.1%	7.2%	7.7%	100.0%
	2024	8.2%	7.0%	7.4%	7.4%	9.0%	9.1%	9.7%	9.9%	9.4%	8.1%	7.1%	7.7%	100.0%
	2025	8.2%	6.8%	7.4%	7.4%	9.0%	9.1%	9.7%	9.9%	9.5%	8.1%	7.1%	7.7%	100.0%
	2026	8.2%	6.8%	7.4%	7.4%	9.0%	9.1%	9.7%	9.9%	9.5%	8.1%	7.1%	7.7%	100.0%
	2027	8.2%	6.8%	7.4%	7.4%	9.0%	9.1%	9.7%	9.9%	9.5%	8.1%	7.1%	7.7%	100.0%
	2028	8.2%	7.0%	7.3%	7.4%	9.0%	9.1%	9.7%	9.9%	9.4%	8.1%	7.1%	7.6%	100.0%
Avg.	2009-2018	8.2%	7.0%	7.3%	7.7%	9.1%	9.4%	9.7%	10.0%	9.1%	8.1%	6.8%	7.7%	100.0%
	2019-2028	8.2%	6.8%	7.3%	7.4%	9.0%	9.1%	9.7%	9.9%	9.5%	8.2%	7.2%	7.7%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - High Economic Case

Ft. Meade (Full Req'ts)

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	11.1	12.7	9.4	7.4	8.8	9.6	9.0	9.2	8.8	8.9	7.4	8.1	12.7	9.6
	2010	14.0	10.8	9.4	6.8	8.9	9.7	9.3	9.3	8.8	8.1	6.6	12.5	14.0	9.7
	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	7.7	7.0	7.9	11.8	9.3
Projected	2019	10.7	9.1	7.4	8.4	8.9	9.2	9.1	9.5	8.7	7.8	7.3	8.3	10.7	9.5
	2020	11.2	9.6	7.8	8.8	9.3	9.7	9.5	9.9	9.1	8.2	7.4	8.4	11.2	9.9
	2021	11.4	9.7	7.9	8.9	9.4	9.8	9.6	10.0	9.2	8.3	7.5	8.5	11.4	10.0
	2022	11.5	9.8	8.0	9.0	9.5	9.9	9.7	10.2	9.3	8.4	7.6	8.6	11.5	10.2
	2023	11.6	9.9	8.1	9.1	9.7	10.0	9.8	10.3	9.4	8.5	7.7	8.7	11.6	10.3
	2024	11.8	10.0	8.2	9.2	9.8	10.1	10.0	10.4	9.5	8.6	7.7	8.8	11.8	10.4
	2025	11.9	10.1	8.2	9.3	9.9	10.2	10.0	10.5	9.6	8.7	7.8	8.9	11.9	10.5
	2026	12.0	10.2	8.3	9.4	10.0	10.3	10.2	10.6	9.7	8.8	7.9	9.0	12.0	10.6
	2027	12.1	10.3	8.4	9.5	10.1	10.4	10.3	10.7	9.8	8.8	8.0	9.1	12.1	10.7
	2028	12.3	10.4	8.5	9.6	10.2	10.5	10.4	10.8	9.9	8.9	8.0	9.1	12.3	10.8
Projected	2029	12.3	10.5	8.5	9.6	10.2	10.6	10.4	10.9	10.0	9.0	8.1	9.2	12.3	10.9
	2030	12.4	10.6	8.6	9.7	10.3	10.7	10.5	11.0	10.0	9.1	8.1	9.3	12.4	11.0
	2031	12.5	10.7	8.7	9.8	10.4	10.8	10.6	11.1	10.1	9.1	8.2	9.4	12.5	11.1
	2032	12.7	10.8	8.8	9.9	10.5	10.9	10.7	11.2	10.2	9.2	8.3	9.4	12.7	11.2
	2033	12.7	10.8	8.8	9.9	10.5	10.9	10.8	11.3	10.3	9.3	8.3	9.5	12.7	11.3
	2034	12.8	10.9	8.9	10.0	10.6	11.0	10.8	11.3	10.4	9.3	8.4	9.6	12.8	11.3
	2035	12.9	11.0	8.9	10.1	10.7	11.1	10.9	11.4	10.4	9.4	8.5	9.6	12.9	11.4
	2036	13.0	11.1	9.0	10.2	10.8	11.2	11.0	11.5	10.5	9.5	8.5	9.7	13.0	11.5
	2037	13.1	11.1	9.1	10.2	10.8	11.2	11.0	11.6	10.6	9.5	8.5	9.7	13.1	11.6
	2038	13.1	11.2	9.1	10.3	10.9	11.3	11.1	11.6	10.6	9.6	8.6	9.8	13.1	11.6

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	44.3%	37.8%	46.2%	58.9%	66.5%	59.9%	63.2%	62.8%	64.4%	59.6%	55.4%	58.0%	40.0%	53.0%
	2010	43.1%	49.3%	44.4%	58.7%	69.5%	60.9%	63.7%	62.2%	63.1%	54.5%	57.8%	48.9%	37.4%	54.2%
	2011	40.5%	50.1%	60.5%	52.6%	66.0%	56.6%	64.6%	64.6%	63.9%	57.9%	52.7%	63.8%	38.3%	49.5%
	2012	40.3%	41.0%	63.6%	54.8%	70.9%	57.2%	64.6%	63.1%	64.0%	56.2%	60.1%	52.6%	43.4%	53.7%
	2013	56.5%	48.4%	44.8%	59.8%	65.8%	58.5%	61.4%	63.3%	59.7%	60.3%	56.1%	63.9%	48.6%	52.8%
	2014	49.5%	59.4%	64.9%	52.6%	64.3%	59.8%	65.5%	61.2%	60.0%	57.6%	50.5%	55.3%	47.6%	50.6%
	2015	54.3%	40.5%	58.1%	61.3%	66.1%	57.7%	64.1%	60.5%	61.6%	55.4%	56.2%	65.4%	44.5%	51.9%
	2016	47.0%	46.5%	56.1%	53.1%	67.5%	60.7%	64.1%	60.8%	64.3%	58.7%	59.9%	64.0%	50.2%	51.2%
	2017	48.5%	56.9%	55.1%	50.8%	65.3%	54.8%	62.7%	61.4%	54.0%	58.5%	58.2%	51.2%	55.2%	48.5%
	2018	43.5%	59.9%	56.4%	56.1%	64.3%	61.2%	63.9%	63.5%	62.7%	57.9%	55.8%	54.0%	40.8%	51.7%
Projected	2019	42.0%	45.0%	54.3%	48.9%	61.8%	55.0%	61.5%	60.2%	65.2%	60.4%	57.1%	55.6%	44.6%	50.4%
	2020	43.0%	45.9%	55.7%	50.1%	63.0%	55.7%	62.2%	58.5%	63.3%	58.6%	57.3%	55.7%	44.6%	50.4%
	2021	43.1%	46.2%	55.8%	50.1%	63.1%	55.8%	62.3%	58.7%	63.5%	58.7%	57.3%	55.7%	44.6%	50.4%
	2022	43.2%	46.2%	55.8%	50.1%	63.1%	55.8%	62.4%	58.7%	63.5%	58.7%	57.2%	55.7%	44.6%	50.4%
	2023	43.2%	46.2%	55.8%	50.1%	63.1%	55.8%	62.4%	58.8%	63.5%	58.7%	57.1%	55.6%	44.6%	50.4%
	2024	43.1%	45.9%	55.7%	50.0%	62.9%	55.7%	62.3%	58.7%	63.4%	58.5%	57.2%	55.7%	44.6%	50.4%
	2025	43.2%	46.3%	55.8%	50.1%	63.0%	55.8%	62.5%	58.8%	63.5%	58.7%	57.2%	55.7%	44.6%	50.4%
	2026	43.2%	46.2%	55.8%	50.0%	63.0%	55.9%	62.5%	58.8%	63.5%	58.7%	57.2%	55.7%	44.6%	50.4%
	2027	43.3%	46.3%	55.7%	50.0%	63.0%	55.9%	62.5%	58.9%	63.6%	58.7%	57.1%	55.6%	44.6%	50.4%
	2028	43.2%	45.9%	55.7%	49.9%	62.9%	55.8%	62.4%	58.8%	63.4%	58.5%	57.2%	55.7%	44.6%	50.4%
Avg.	2009-2018	46.8%	49.0%	55.0%	55.9%	66.6%	58.7%	63.8%	62.3%	61.8%	57.7%	56.3%	57.7%	44.6%	51.7%
	2019-2028	43.1%	46.0%	55.6%	49.9%	62.9%	55.7%	62.3%	58.9%	63.6%	58.8%	57.2%	55.6%	44.6%	50.4%

FMPA 2019 Load Forecast - High Economic Case

Ft. Meade (Full Req'ts)

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	11.0	12.5	9.4	7.2	8.2	9.5	8.5	8.8	8.6	8.9	7.3	8.0	12.5	9.5
	2010	14.0	9.0	9.4	6.5	8.2	9.4	8.4	9.0	8.6	8.1	6.5	12.3	14.0	9.4
	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	7.4	6.5	7.7	11.8	8.9
Projected	2019	10.4	8.7	7.1	7.8	8.4	8.9	8.4	9.0	8.4	7.5	6.8	8.1	10.4	9.0
	2020	10.9	9.1	7.4	8.2	8.8	9.3	8.8	9.4	8.8	7.9	6.9	8.2	10.9	9.4
	2021	11.0	9.2	7.5	8.3	8.9	9.4	8.9	9.5	8.9	8.0	7.0	8.3	11.0	9.5
	2022	11.2	9.4	7.6	8.4	9.0	9.5	9.0	9.6	9.0	8.1	7.1	8.4	11.2	9.6
	2023	11.3	9.5	7.7	8.5	9.1	9.7	9.1	9.8	9.2	8.2	7.2	8.5	11.3	9.8
	2024	11.5	9.6	7.8	8.6	9.3	9.8	9.2	9.9	9.3	8.3	7.2	8.5	11.5	9.9
	2025	11.6	9.7	7.9	8.7	9.3	9.9	9.3	10.0	9.4	8.3	7.3	8.6	11.6	10.0
	2026	11.7	9.8	7.9	8.8	9.4	10.0	9.4	10.1	9.5	8.4	7.4	8.7	11.7	10.1
	2027	11.8	9.9	8.0	8.9	9.5	10.1	9.5	10.2	9.5	8.5	7.4	8.8	11.8	10.2
	2028	11.9	10.0	8.1	9.0	9.6	10.2	9.6	10.3	9.6	8.6	7.5	8.8	11.9	10.3
Projected	2029	12.0	10.0	8.1	9.0	9.7	10.2	9.7	10.3	9.7	8.6	7.6	8.9	12.0	10.3
	2030	12.1	10.1	8.2	9.1	9.7	10.3	9.7	10.4	9.8	8.7	7.6	9.0	12.1	10.4
	2031	12.2	10.2	8.3	9.2	9.8	10.4	9.8	10.5	9.9	8.8	7.7	9.1	12.2	10.5
	2032	12.3	10.3	8.4	9.2	9.9	10.5	9.9	10.6	10.0	8.9	7.7	9.1	12.3	10.6
	2033	12.4	10.3	8.4	9.3	10.0	10.6	10.0	10.7	10.0	8.9	7.8	9.2	12.4	10.7
	2034	12.5	10.4	8.5	9.4	10.1	10.6	10.1	10.7	10.1	9.0	7.8	9.3	12.5	10.7
	2035	12.6	10.5	8.5	9.4	10.1	10.7	10.1	10.8	10.2	9.0	7.9	9.3	12.6	10.8
	2036	12.7	10.6	8.6	9.5	10.2	10.8	10.2	10.9	10.2	9.1	7.9	9.4	12.7	10.9
	2037	12.7	10.6	8.6	9.5	10.2	10.8	10.2	10.9	10.3	9.2	8.0	9.4	12.7	10.9
	2038	12.8	10.7	8.7	9.6	10.3	10.9	10.3	11.0	10.3	9.2	8.0	9.5	12.8	11.0

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	99.9%	98.7%	100.0%	98.0%	92.8%	99.5%	94.0%	95.9%	97.5%	100.0%	98.7%	99.2%	98.7%	99.5%
	2010	100.0%	83.0%	100.0%	95.1%	92.8%	97.3%	91.0%	96.9%	97.3%	100.0%	98.2%	98.8%	100.0%	97.3%
	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%	96.2%	93.6%	97.0%	100.0%	95.8%
Projected	2019	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2020	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2021	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2022	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2023	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2024	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2025	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2026	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2027	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2028	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2009-2018	97.2%	95.6%	95.4%	93.6%	94.6%	95.5%	91.9%	93.5%	96.2%	96.1%	93.4%	96.3%	93.6%	92.6%
	2019-2028	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%

FMPA 2019 Load Forecast - High Economic Case - Ft Meade

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	27,686		2,364		11,714		12,772		335		38.1		40,458		3,676	8.3%	44,134	
	2010	28,710	3.7%	2,367	0.1%	12,129	3.5%	13,644	6.8%	337	0.5%	40.5	6.2%	42,354	4.7%	3,299	7.2%	45,653	3.4%
	2011	27,574	-4.0%	2,339	-1.2%	11,788	-2.8%	13,249	-2.9%	341	1.0%	38.9	-3.8%	40,824	-3.6%	2,746	6.3%	43,569	-4.6%
	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%
Projected	2019	26,964	-0.8%	2,388	2.1%	11,290	-2.9%	12,238	0.5%	317	1.4%	38.6	-0.9%	39,202	-0.4%	2,047	5.0%	41,249	-2.2%
	2020	27,514	2.0%	2,414	1.1%	11,398	1.0%	13,679	11.8%	321	1.2%	42.6	10.5%	41,194	5.1%	2,565	5.9%	43,759	6.1%
	2021	28,033	1.9%	2,430	0.7%	11,536	1.2%	13,707	0.2%	323	0.8%	42.4	-0.5%	41,740	1.3%	2,510	5.7%	44,250	1.1%
	2022	28,543	1.8%	2,444	0.6%	11,678	1.2%	13,732	0.2%	325	0.6%	42.2	-0.4%	42,275	1.3%	2,542	5.7%	44,816	1.3%
	2023	29,034	1.7%	2,457	0.5%	11,816	1.2%	13,755	0.2%	327	0.4%	42.1	-0.3%	42,788	1.2%	2,572	5.7%	45,361	1.2%
	2024	29,491	1.6%	2,469	0.5%	11,944	1.1%	13,776	0.2%	328	0.4%	42.0	-0.2%	43,267	1.1%	2,692	5.9%	45,959	1.3%
	2025	29,916	1.4%	2,481	0.5%	12,060	1.0%	13,797	0.2%	329	0.3%	42.0	-0.2%	43,714	1.0%	2,627	5.7%	46,341	0.8%
	2026	30,348	1.4%	2,491	0.4%	12,182	1.0%	13,817	0.1%	330	0.3%	41.9	-0.2%	44,165	1.0%	2,654	5.7%	46,819	1.0%
	2027	30,776	1.4%	2,501	0.4%	12,305	1.0%	13,836	0.1%	331	0.3%	41.8	-0.2%	44,613	1.0%	2,681	5.7%	47,293	1.0%
	2028	31,149	1.2%	2,511	0.4%	12,407	0.8%	13,855	0.1%	332	0.3%	41.8	-0.1%	45,004	0.9%	2,799	5.9%	47,803	1.1%
	2029	31,463	1.0%	2,520	0.4%	12,487	0.6%	13,872	0.1%	333	0.3%	41.7	-0.1%	45,336	0.7%	2,723	5.7%	48,059	0.5%
	2030	31,812	1.1%	2,529	0.3%	12,581	0.8%	13,889	0.1%	333	0.3%	41.6	-0.1%	45,701	0.8%	2,745	5.7%	48,447	0.8%
	2031	32,181	1.2%	2,537	0.3%	12,685	0.8%	13,905	0.1%	334	0.2%	41.6	-0.1%	46,086	0.8%	2,768	5.7%	48,855	0.8%
	2032	32,532	1.1%	2,545	0.3%	12,784	0.8%	13,920	0.1%	335	0.2%	41.5	-0.1%	46,452	0.8%	2,888	5.9%	49,341	1.0%
	2033	32,874	1.1%	2,552	0.3%	12,880	0.8%	13,934	0.1%	336	0.2%	41.5	-0.1%	46,808	0.8%	2,811	5.7%	49,620	0.6%
	2034	33,201	1.0%	2,559	0.3%	12,972	0.7%	13,948	0.1%	337	0.2%	41.4	-0.1%	47,150	0.7%	2,832	5.7%	49,981	0.7%
	2035	33,529	1.0%	2,567	0.3%	13,063	0.7%	13,962	0.1%	337	0.2%	41.4	-0.1%	47,490	0.7%	2,852	5.7%	50,343	0.7%
	2036	33,845	0.9%	2,573	0.3%	13,152	0.7%	13,975	0.1%	338	0.2%	41.4	-0.1%	47,821	0.7%	2,973	5.9%	50,793	0.9%
	2037	34,095	0.7%	2,580	0.2%	13,216	0.5%	13,988	0.1%	339	0.2%	41.3	-0.1%	48,083	0.5%	2,887	5.7%	50,970	0.3%
	2038	34,344	0.7%	2,586	0.3%	13,278	0.5%	14,000	0.1%	339	0.2%	41.3	-0.1%	48,343	0.5%	2,903	5.7%	51,246	0.5%
CAGR	2009-2018		-0.2%		-0.1%		-0.1%		-0.5%		-0.8%		0.2%		-0.3%		6.0%		-0.5%
	2019-2028		1.6%		0.6%		1.1%		1.4%		0.5%		0.9%		1.5%		5.7%		1.7%
	2029-2038		1.0%		0.3%		0.7%		0.1%		0.2%		-0.1%		0.7%		5.7%		0.7%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - Mild Weather Case

Ft. Meade (Full Req'ts)

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	44,134	-	43,777	-	-0.8%	12.5	-	10.0	-	-19.7%	9.5	-	10.4		9.3%
	2010	45,653	3.4%	42,333	-3.3%	-7.3%	14.0	11.9%	12.1	20.1%	-13.8%	9.4	-1.2%	9.2	-12.0%	-2.5%
	2011	43,569	-4.6%	41,018	-3.1%	-5.9%	12.3	-11.9%	11.9	-1.6%	-3.8%	8.4	-10.1%	8.4	-8.6%	-0.9%
	2012	41,322	-5.2%	41,636	1.5%	0.8%	10.9	-11.5%	10.9	-8.1%	-0.2%	7.8	-7.2%	9.0	8.0%	15.3%
	2013	40,645	-1.6%	41,263	-0.9%	1.5%	8.7	-20.1%	10.0	-8.6%	14.2%	7.8	0.2%	8.2	-8.7%	5.1%
	2014	41,588	2.3%	41,686	1.0%	0.2%	9.3	6.8%	11.5	15.6%	23.5%	7.2	-8.3%	7.1	-14.2%	-1.7%
	2015	42,783	2.9%	41,886	0.5%	-2.1%	10.6	14.2%	11.0	-4.2%	3.6%	9.4	30.0%	9.4	33.0%	0.6%
	2016	43,483	1.6%	41,805	-0.2%	-3.9%	7.8	-26.3%	10.7	-2.5%	37.1%	9.4	0.5%	9.3	-0.8%	-0.6%
	2017	41,077	-5.5%	40,030	-4.2%	-2.5%	6.7	-14.9%	10.7	-0.2%	60.9%	9.2	-1.9%	9.9	6.1%	7.5%
	2018	42,163	2.6%	40,910	2.2%	-3.0%	11.8	76.5%	12.0	11.8%	1.9%	8.9	-3.3%	9.4	-4.7%	5.9%
Projected	2019	38,956	-7.6%	38,956	-4.8%		9.8	-16.5%	9.8	-18.1%		8.5	-5.0%	8.5	-10.3%	
	2020			40,776	4.7%				10.2	3.5%				8.8	3.5%	
	2021			40,893	0.3%				10.2	0.3%				8.8	0.3%	
	2022			41,151	0.6%				10.3	0.6%				8.9	0.6%	
	2023			41,420	0.7%				10.3	0.7%				8.9	0.7%	
	2024			41,758	0.8%				10.4	0.8%				9.0	0.8%	
	2025			41,914	0.4%				10.5	0.4%				9.0	0.4%	
	2026			42,170	0.6%				10.5	0.6%				9.1	0.6%	
	2027			42,431	0.6%				10.6	0.6%				9.1	0.6%	
	2028			42,732	0.7%				10.7	0.7%				9.2	0.7%	
	2029			42,813	0.2%				10.7	0.2%				9.2	0.2%	
	2030			43,017	0.5%				10.7	0.5%				9.3	0.5%	
	2031			43,241	0.5%				10.8	0.5%				9.3	0.5%	
	2032			43,537	0.7%				10.9	0.7%				9.4	0.7%	
	2033			43,654	0.3%				10.9	0.3%				9.4	0.3%	
	2034			43,847	0.4%				10.9	0.4%				9.4	0.4%	
	2035			44,042	0.4%				11.0	0.5%				9.5	0.5%	
	2036			44,319	0.6%				11.0	0.6%				9.5	0.6%	
	2037			44,361	0.1%				11.1	0.1%				9.5	0.1%	
	2038			44,491	0.3%				11.1	0.3%				9.6	0.3%	
CAGR [3]	2009-2018		-0.5%		-0.7%			-0.7%		2.0%			-0.7%		-1.1%	
	2019-2028				1.0%					0.9%					0.9%	
	2029-2038				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 2019 Load Forecast - Mild Weather Case

Ft. Meade (Full Req'ts)

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	44,134	-	43,777	-	-0.8%	12.7	-	39.8%	9.6	-	52.7%
	2010	45,653	3.4%	42,333	-3.3%	-7.3%	14.0	10.5%	37.2%	9.7	1.0%	54.0%
	2011	43,569	-4.6%	41,018	-3.1%	-5.9%	12.5	-10.8%	39.8%	9.7	0.2%	51.5%
	2012	41,322	-5.2%	41,636	1.5%	0.8%	11.0	-11.9%	42.9%	8.9	-7.9%	53.0%
	2013	40,645	-1.6%	41,263	-0.9%	1.5%	9.6	-12.9%	48.4%	8.8	-0.8%	52.6%
	2014	41,588	2.3%	41,686	1.0%	0.2%	9.9	3.8%	47.7%	9.4	6.0%	50.7%
	2015	42,783	2.9%	41,886	0.5%	-2.1%	11.1	11.6%	44.0%	9.5	1.6%	51.4%
	2016	43,483	1.6%	41,805	-0.2%	-3.9%	9.7	-12.5%	51.1%	9.5	0.1%	52.2%
	2017	41,077	-5.5%	40,030	-4.2%	-2.5%	8.5	-12.1%	54.9%	9.7	2.2%	48.2%
	2018	42,163	2.6%	40,910	2.2%	-3.0%	11.8	37.9%	40.9%	9.3	-4.3%	51.7%
Projected	2019	38,956	-7.6%	38,956	-4.8%		10.1	-14.1%	44.0%	8.9	-3.9%	49.8%
	2020	40,776	4.7%	40,776	4.7%		10.5	3.5%	44.5%	9.2	3.5%	50.3%
	2021	40,893	0.3%	40,893	0.3%		10.5	0.3%	44.5%	9.3	0.3%	50.3%
	2022	41,151	0.6%	41,151	0.6%		10.6	0.6%	44.5%	9.3	0.6%	50.3%
	2023	41,420	0.7%	41,420	0.7%		10.6	0.7%	44.5%	9.4	0.7%	50.3%
	2024	41,758	0.8%	41,758	0.8%		10.7	0.8%	44.5%	9.5	0.8%	50.3%
	2025	41,914	0.4%	41,914	0.4%		10.8	0.4%	44.5%	9.5	0.4%	50.3%
	2026	42,170	0.6%	42,170	0.6%		10.8	0.6%	44.5%	9.6	0.6%	50.3%
	2027	42,431	0.6%	42,431	0.6%		10.9	0.6%	44.5%	9.6	0.6%	50.3%
	2028	42,732	0.7%	42,732	0.7%		11.0	0.7%	44.5%	9.7	0.7%	50.3%
	2029	42,813	0.2%	42,813	0.2%		11.0	0.2%	44.5%	9.7	0.2%	50.3%
	2030	43,017	0.5%	43,017	0.5%		11.0	0.5%	44.5%	9.8	0.5%	50.3%
	2031	43,241	0.5%	43,241	0.5%		11.1	0.5%	44.5%	9.8	0.5%	50.3%
	2032	43,537	0.7%	43,537	0.7%		11.2	0.7%	44.5%	9.9	0.7%	50.3%
	2033	43,654	0.3%	43,654	0.3%		11.2	0.3%	44.5%	9.9	0.3%	50.3%
	2034	43,847	0.4%	43,847	0.4%		11.2	0.4%	44.5%	9.9	0.4%	50.3%
	2035	44,042	0.4%	44,042	0.4%		11.3	0.5%	44.5%	10.0	0.5%	50.3%
	2036	44,319	0.6%	44,319	0.6%		11.4	0.6%	44.5%	10.1	0.6%	50.3%
	2037	44,361	0.1%	44,361	0.1%		11.4	0.1%	44.5%	10.1	0.1%	50.3%
	2038	44,491	0.3%	44,491	0.3%		11.4	0.3%	44.5%	10.1	0.3%	50.3%
CAGR [1]	2009-2018		-0.5%		-0.7%			-0.8%	44.7%		-0.3%	51.8%
	2019-2028		1.0%		1.0%			0.9%	44.4%		0.9%	50.3%
	2029-2038		0.4%		0.4%			0.4%	44.5%		0.4%	50.3%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Mild Weather Case

Ft. Meade (Full Req'ts)

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	3,640	3,214	3,214	3,229	3,942	4,257	4,117	4,305	4,073	3,957	3,062	3,382	44,393	44,134
	2010	4,484	3,590	3,113	2,978	4,143	4,376	4,256	4,317	3,997	3,302	2,844	4,397	45,795	45,653
	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	3,301	2,894	2,667	41,677	42,163
Projected	2019	2,774	2,448	3,046	3,028	3,660	3,558	3,761	3,985	3,834	3,456	3,049	2,832	39,431	38,956
	2020	2,950	2,688	3,234	3,199	3,856	3,722	3,937	4,003	3,851	3,470	3,061	2,844	40,815	40,776
	2021	2,962	2,617	3,249	3,214	3,875	3,742	3,959	4,026	3,873	3,491	3,079	2,861	40,949	40,893
	2022	2,980	2,632	3,268	3,234	3,899	3,767	3,986	4,054	3,899	3,514	3,099	2,879	41,212	41,151
	2023	3,000	2,648	3,288	3,254	3,924	3,792	4,014	4,082	3,926	3,537	3,118	2,897	41,480	41,420
	2024	3,018	2,748	3,308	3,274	3,947	3,816	4,039	4,107	3,949	3,558	3,135	2,913	41,812	41,758
	2025	3,035	2,678	3,325	3,292	3,970	3,838	4,064	4,132	3,973	3,579	3,153	2,930	41,970	41,914
	2026	3,053	2,693	3,345	3,311	3,994	3,863	4,091	4,160	3,999	3,602	3,173	2,948	42,230	42,170
	2027	3,072	2,709	3,364	3,331	4,018	3,887	4,117	4,186	4,024	3,624	3,191	2,965	42,488	42,431
	2028	3,089	2,809	3,381	3,347	4,037	3,906	4,137	4,205	4,041	3,638	3,203	2,975	42,769	42,732
Projected	2029	3,100	2,733	3,393	3,360	4,053	3,922	4,154	4,224	4,059	3,654	3,216	2,988	42,855	42,813
	2030	3,113	2,745	3,408	3,375	4,072	3,942	4,176	4,246	4,081	3,673	3,233	3,004	43,069	43,017
	2031	3,130	2,758	3,426	3,392	4,093	3,963	4,199	4,269	4,102	3,692	3,248	3,018	43,290	43,241
	2032	3,144	2,858	3,441	3,408	4,112	3,983	4,220	4,291	4,122	3,710	3,263	3,032	43,584	43,537
	2033	3,159	2,783	3,456	3,423	4,131	4,002	4,241	4,312	4,142	3,727	3,278	3,045	43,699	43,654
	2034	3,173	2,795	3,471	3,438	4,149	4,020	4,260	4,331	4,160	3,743	3,291	3,057	43,889	43,847
	2035	3,186	2,806	3,485	3,453	4,167	4,039	4,281	4,353	4,181	3,761	3,306	3,072	44,090	44,042
	2036	3,201	2,907	3,500	3,467	4,184	4,056	4,299	4,370	4,196	3,774	3,317	3,081	44,352	44,319
	2037	3,211	2,826	3,510	3,477	4,196	4,067	4,311	4,382	4,208	3,784	3,325	3,089	44,387	44,361
	2038	3,219	2,834	3,520	3,487	4,208	4,080	4,326	4,397	4,222	3,797	3,337	3,100	44,527	44,491

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.2%	7.2%	7.2%	7.3%	8.9%	9.6%	9.3%	9.7%	9.2%	8.9%	6.9%	7.6%	100.0%
	2010	9.8%	7.8%	6.8%	6.5%	9.0%	9.6%	9.3%	9.4%	8.7%	7.2%	6.2%	9.6%	100.0%
	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	9.1%	6.8%	7.1%	7.7%	8.3%	9.5%	9.8%	10.3%	10.1%	7.9%	6.9%	6.4%	100.0%
Projected	2019	7.0%	6.2%	7.7%	7.7%	9.3%	9.0%	9.5%	10.1%	9.7%	8.8%	7.7%	7.2%	100.0%
	2020	7.2%	6.6%	7.9%	7.8%	9.4%	9.1%	9.6%	9.8%	9.4%	8.5%	7.5%	7.0%	100.0%
	2021	7.2%	6.4%	7.9%	7.8%	9.5%	9.1%	9.7%	9.8%	9.5%	8.5%	7.5%	7.0%	100.0%
	2022	7.2%	6.4%	7.9%	7.8%	9.5%	9.1%	9.7%	9.8%	9.5%	8.5%	7.5%	7.0%	100.0%
	2023	7.2%	6.4%	7.9%	7.8%	9.5%	9.1%	9.7%	9.8%	9.5%	8.5%	7.5%	7.0%	100.0%
	2024	7.2%	6.6%	7.9%	7.8%	9.4%	9.1%	9.7%	9.8%	9.4%	8.5%	7.5%	7.0%	100.0%
	2025	7.2%	6.4%	7.9%	7.8%	9.5%	9.1%	9.7%	9.8%	9.5%	8.5%	7.5%	7.0%	100.0%
	2026	7.2%	6.4%	7.9%	7.8%	9.5%	9.1%	9.7%	9.9%	9.5%	8.5%	7.5%	7.0%	100.0%
	2027	7.2%	6.4%	7.9%	7.8%	9.5%	9.1%	9.7%	9.9%	9.5%	8.5%	7.5%	7.0%	100.0%
	2028	7.2%	6.6%	7.9%	7.8%	9.4%	9.1%	9.7%	9.8%	9.4%	8.5%	7.5%	7.0%	100.0%
Avg.	2009-2018	8.2%	7.0%	7.3%	7.7%	9.1%	9.4%	9.7%	10.0%	9.2%	8.1%	6.8%	7.6%	100.0%
	2019-2028	7.2%	6.4%	7.9%	7.8%	9.4%	9.1%	9.7%	9.9%	9.5%	8.5%	7.5%	7.0%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Mild Weather Case

Ft. Meade (Full Req'ts)

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	11.1	12.7	9.4	7.4	8.8	9.6	9.0	9.2	8.8	8.9	7.4	8.1	12.7	9.6
	2010	14.0	10.8	9.4	6.8	8.9	9.7	9.3	9.3	8.8	8.1	6.6	12.5	14.0	9.7
	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	7.7	6.6	7.5	11.8	9.3
Projected	2019	10.1	8.6	7.0	7.9	8.4	8.7	8.5	8.9	8.2	7.4	6.8	7.7	10.1	8.9
	2020	10.5	8.9	7.2	8.2	8.7	9.0	8.8	9.2	8.5	7.6	6.8	7.8	10.5	9.2
	2021	10.5	8.9	7.3	8.2	8.7	9.0	8.9	9.3	8.5	7.6	6.9	7.8	10.5	9.3
	2022	10.6	9.0	7.3	8.2	8.8	9.1	8.9	9.3	8.5	7.7	6.9	7.9	10.6	9.3
	2023	10.6	9.0	7.4	8.3	8.8	9.1	9.0	9.4	8.6	7.7	7.0	7.9	10.6	9.4
	2024	10.7	9.1	7.4	8.4	8.9	9.2	9.1	9.5	8.7	7.8	7.0	8.0	10.7	9.5
	2025	10.8	9.2	7.5	8.4	8.9	9.2	9.1	9.5	8.7	7.8	7.0	8.0	10.8	9.5
	2026	10.8	9.2	7.5	8.5	9.0	9.3	9.1	9.6	8.7	7.9	7.1	8.1	10.8	9.6
	2027	10.9	9.3	7.5	8.5	9.0	9.4	9.2	9.6	8.8	7.9	7.1	8.1	10.9	9.6
	2028	11.0	9.3	7.6	8.6	9.1	9.4	9.3	9.7	8.9	8.0	7.1	8.1	11.0	9.7
Projected	2029	11.0	9.3	7.6	8.6	9.1	9.4	9.3	9.7	8.9	8.0	7.2	8.2	11.0	9.7
	2030	11.0	9.4	7.7	8.6	9.1	9.5	9.3	9.8	8.9	8.0	7.2	8.2	11.0	9.8
	2031	11.1	9.4	7.7	8.7	9.2	9.5	9.4	9.8	9.0	8.1	7.3	8.3	11.1	9.8
	2032	11.2	9.5	7.7	8.7	9.3	9.6	9.4	9.9	9.0	8.1	7.3	8.3	11.2	9.9
	2033	11.2	9.5	7.8	8.7	9.3	9.6	9.5	9.9	9.1	8.2	7.3	8.3	11.2	9.9
	2034	11.2	9.6	7.8	8.8	9.3	9.7	9.5	9.9	9.1	8.2	7.3	8.4	11.2	9.9
	2035	11.3	9.6	7.8	8.8	9.4	9.7	9.5	10.0	9.1	8.2	7.4	8.4	11.3	10.0
	2036	11.4	9.7	7.9	8.9	9.4	9.8	9.6	10.1	9.2	8.3	7.4	8.4	11.4	10.1
	2037	11.4	9.7	7.9	8.9	9.4	9.8	9.6	10.1	9.2	8.3	7.4	8.4	11.4	10.1
	2038	11.4	9.7	7.9	8.9	9.5	9.8	9.6	10.1	9.2	8.3	7.4	8.5	11.4	10.1

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	44.3%	37.8%	46.2%	58.9%	66.5%	59.9%	63.2%	62.8%	64.4%	59.6%	55.4%	58.0%	40.0%	53.0%
	2010	43.1%	49.3%	44.4%	58.7%	69.5%	60.9%	63.7%	62.2%	63.1%	54.5%	57.8%	48.9%	37.4%	54.2%
	2011	40.5%	50.1%	60.5%	52.6%	66.0%	56.6%	64.6%	64.6%	63.9%	57.9%	52.7%	63.8%	38.3%	49.5%
	2012	40.3%	41.0%	63.6%	54.8%	70.9%	57.2%	64.6%	63.1%	64.0%	56.2%	60.1%	52.6%	43.4%	53.7%
	2013	56.5%	48.4%	44.8%	59.8%	65.8%	58.5%	61.4%	63.3%	59.7%	60.3%	56.1%	63.9%	48.6%	52.8%
	2014	49.5%	59.4%	64.9%	52.6%	64.3%	59.8%	65.5%	61.2%	60.0%	57.6%	50.5%	55.3%	47.6%	50.6%
	2015	54.3%	40.5%	58.1%	61.3%	66.1%	57.7%	64.1%	60.5%	61.6%	55.4%	56.2%	65.4%	44.5%	51.9%
	2016	47.0%	46.5%	56.1%	53.1%	67.5%	60.7%	64.1%	60.8%	64.3%	58.7%	59.9%	64.0%	50.2%	51.2%
	2017	48.5%	56.9%	55.1%	50.8%	65.3%	54.8%	62.7%	61.4%	54.0%	58.5%	58.2%	51.2%	55.2%	48.5%
	2018	43.5%	59.9%	56.4%	56.1%	64.3%	61.2%	63.9%	63.5%	62.7%	57.9%	59.3%	49.5%	40.4%	51.1%
Projected	2019	36.9%	42.4%	58.5%	51.6%	65.0%	55.1%	61.2%	59.9%	65.2%	63.1%	60.3%	50.8%	44.5%	50.4%
	2020	37.9%	43.4%	60.0%	52.7%	66.2%	55.7%	61.9%	58.2%	63.2%	61.2%	60.4%	50.9%	44.5%	50.4%
	2021	37.9%	43.6%	60.0%	52.7%	66.3%	55.8%	62.0%	58.3%	63.4%	61.4%	60.3%	50.9%	44.5%	50.4%
	2022	37.9%	43.6%	60.0%	52.7%	66.3%	55.8%	62.0%	58.3%	63.4%	61.4%	60.3%	50.8%	44.5%	50.4%
	2023	37.9%	43.6%	60.0%	52.7%	66.3%	55.8%	62.1%	58.4%	63.4%	61.4%	60.2%	50.8%	44.5%	50.4%
	2024	37.9%	43.3%	59.9%	52.6%	66.1%	55.7%	62.0%	58.3%	63.3%	61.3%	60.3%	50.8%	44.5%	50.4%
	2025	37.9%	43.5%	60.0%	52.7%	66.3%	55.9%	62.1%	58.4%	63.5%	61.4%	60.3%	50.8%	44.5%	50.4%
	2026	37.9%	43.5%	59.9%	52.7%	66.2%	55.9%	62.1%	58.4%	63.5%	61.4%	60.3%	50.8%	44.5%	50.4%
	2027	37.9%	43.5%	59.9%	52.7%	66.2%	55.9%	62.2%	58.4%	63.5%	61.4%	60.3%	50.8%	44.5%	50.4%
	2028	37.9%	43.3%	59.8%	52.6%	66.1%	55.8%	62.0%	58.3%	63.3%	61.2%	60.4%	50.9%	44.5%	50.4%
Avg.	2009-2018	46.8%	49.0%	55.0%	55.9%	66.6%	58.7%	63.8%	62.3%	61.8%	57.7%	56.6%	57.3%	44.6%	51.7%
	2019-2028	37.8%	43.4%	59.8%	52.6%	66.1%	55.7%	62.0%	58.5%	63.6%	61.5%	60.3%	50.8%	44.5%	50.4%

FMPA 2019 Load Forecast - Mild Weather Case

Ft. Meade (Full Req'ts)

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	11.0	12.5	9.4	7.2	8.2	9.5	8.5	8.8	8.6	8.9	7.3	8.0	12.5	9.5
	2010	14.0	9.0	9.4	6.5	8.2	9.4	8.4	9.0	8.6	8.1	6.5	12.3	14.0	9.4
	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	7.4	6.1	7.3	11.8	8.9
Projected	2019	9.8	8.2	6.7	7.4	7.9	8.4	7.9	8.5	7.9	7.1	6.4	7.5	9.8	8.5
	2020	10.2	8.5	6.9	7.6	8.2	8.7	8.2	8.8	8.2	7.3	6.4	7.5	10.2	8.8
	2021	10.2	8.5	6.9	7.7	8.2	8.7	8.2	8.8	8.3	7.4	6.4	7.6	10.2	8.8
	2022	10.3	8.6	7.0	7.7	8.3	8.8	8.3	8.9	8.3	7.4	6.5	7.6	10.3	8.9
	2023	10.3	8.6	7.0	7.8	8.3	8.8	8.3	8.9	8.4	7.5	6.5	7.7	10.3	8.9
	2024	10.4	8.7	7.1	7.8	8.4	8.9	8.4	9.0	8.4	7.5	6.5	7.7	10.4	9.0
	2025	10.5	8.7	7.1	7.9	8.4	8.9	8.4	9.0	8.5	7.5	6.6	7.8	10.5	9.0
	2026	10.5	8.8	7.2	7.9	8.5	9.0	8.5	9.1	8.5	7.6	6.6	7.8	10.5	9.1
	2027	10.6	8.8	7.2	8.0	8.5	9.0	8.5	9.1	8.6	7.6	6.7	7.9	10.6	9.1
	2028	10.7	8.9	7.2	8.0	8.6	9.1	8.6	9.2	8.6	7.7	6.7	7.9	10.7	9.2
Projected	2029	10.7	8.9	7.3	8.0	8.6	9.1	8.6	9.2	8.6	7.7	6.7	7.9	10.7	9.2
	2030	10.7	9.0	7.3	8.1	8.7	9.2	8.7	9.3	8.7	7.7	6.7	8.0	10.7	9.3
	2031	10.8	9.0	7.3	8.1	8.7	9.2	8.7	9.3	8.7	7.8	6.8	8.0	10.8	9.3
	2032	10.9	9.1	7.4	8.2	8.8	9.3	8.8	9.4	8.8	7.8	6.8	8.0	10.9	9.4
	2033	10.9	9.1	7.4	8.2	8.8	9.3	8.8	9.4	8.8	7.8	6.8	8.1	10.9	9.4
	2034	10.9	9.1	7.4	8.2	8.8	9.3	8.8	9.4	8.8	7.9	6.9	8.1	10.9	9.4
	2035	11.0	9.2	7.5	8.3	8.9	9.4	8.9	9.5	8.9	7.9	6.9	8.2	11.0	9.5
	2036	11.0	9.2	7.5	8.3	8.9	9.4	8.9	9.5	8.9	8.0	6.9	8.2	11.0	9.5
	2037	11.1	9.2	7.5	8.3	8.9	9.4	8.9	9.5	8.9	8.0	6.9	8.2	11.1	9.5
	2038	11.1	9.3	7.5	8.3	9.0	9.5	8.9	9.6	9.0	8.0	7.0	8.2	11.1	9.6

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	99.9%	98.7%	100.0%	98.0%	92.8%	99.5%	94.0%	95.9%	97.5%	100.0%	98.7%	99.2%	98.7%	99.5%
	2010	100.0%	83.0%	100.0%	95.1%	92.8%	97.3%	91.0%	96.9%	97.3%	100.0%	98.2%	98.8%	100.0%	97.3%
	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%	96.2%	93.6%	97.0%	100.0%	95.8%
Projected	2019	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2020	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2021	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2022	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2023	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2024	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2025	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2026	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2027	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2028	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2009-2018	97.2%	95.6%	95.4%	93.6%	94.6%	95.5%	91.9%	93.5%	96.2%	96.1%	93.4%	96.3%	93.6%	92.6%
	2019-2028	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%

FMPA 2019 Load Forecast - Mild Weather Case - Ft Meade

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	27,686		2,364		11,714		12,772		335		38.1		40,458		3,676	8.3%	44,134	
	2010	28,710	3.7%	2,367	0.1%	12,129	3.5%	13,644	6.8%	337	0.5%	40.5	6.2%	42,354	4.7%	3,299	7.2%	45,653	3.4%
	2011	27,574	-4.0%	2,339	-1.2%	11,788	-2.8%	13,249	-2.9%	341	1.0%	38.9	-3.8%	40,824	-3.6%	2,746	6.3%	43,569	-4.6%
	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%
Projected	2019	24,824	-8.7%	2,384	2.0%	10,413	-10.4%	11,988	-1.5%	317	1.4%	37.8	-2.9%	36,812	-6.5%	2,144	5.5%	38,956	-7.6%
	2020	24,649	-0.7%	2,398	0.6%	10,278	-1.3%	13,394	11.7%	320	1.1%	41.8	10.6%	38,043	3.3%	2,733	6.7%	40,776	4.7%
	2021	24,819	0.7%	2,407	0.4%	10,312	0.3%	13,410	0.1%	322	0.6%	41.6	-0.4%	38,229	0.5%	2,664	6.5%	40,893	0.3%
	2022	25,044	0.9%	2,415	0.3%	10,370	0.6%	13,426	0.1%	323	0.4%	41.5	-0.2%	38,470	0.6%	2,681	6.5%	41,151	0.6%
	2023	25,280	0.9%	2,422	0.3%	10,436	0.6%	13,441	0.1%	324	0.3%	41.5	-0.2%	38,721	0.7%	2,698	6.5%	41,420	0.7%
	2024	25,504	0.9%	2,429	0.3%	10,499	0.6%	13,456	0.1%	325	0.2%	41.4	-0.1%	38,960	0.6%	2,798	6.7%	41,758	0.8%
	2025	25,713	0.8%	2,436	0.3%	10,556	0.5%	13,470	0.1%	326	0.2%	41.3	-0.1%	39,184	0.6%	2,730	6.5%	41,914	0.4%
	2026	25,938	0.9%	2,442	0.3%	10,621	0.6%	13,485	0.1%	327	0.2%	41.3	-0.1%	39,423	0.6%	2,747	6.5%	42,170	0.6%
	2027	26,169	0.9%	2,448	0.2%	10,691	0.7%	13,498	0.1%	327	0.2%	41.3	-0.1%	39,668	0.6%	2,764	6.5%	42,431	0.6%
	2028	26,358	0.7%	2,453	0.2%	10,743	0.5%	13,512	0.1%	328	0.2%	41.2	-0.1%	39,869	0.5%	2,863	6.7%	42,732	0.7%
	2029	26,501	0.5%	2,459	0.2%	10,779	0.3%	13,525	0.1%	329	0.2%	41.2	-0.1%	40,025	0.4%	2,788	6.5%	42,813	0.2%
	2030	26,678	0.7%	2,464	0.2%	10,829	0.5%	13,537	0.1%	329	0.2%	41.1	-0.1%	40,215	0.5%	2,801	6.5%	43,017	0.5%
	2031	26,877	0.7%	2,468	0.2%	10,888	0.5%	13,549	0.1%	330	0.2%	41.1	-0.1%	40,426	0.5%	2,816	6.5%	43,241	0.5%
	2032	27,062	0.7%	2,473	0.2%	10,945	0.5%	13,559	0.1%	330	0.2%	41.0	-0.1%	40,621	0.5%	2,916	6.7%	43,537	0.7%
	2033	27,242	0.7%	2,477	0.2%	11,000	0.5%	13,570	0.1%	331	0.2%	41.0	-0.1%	40,811	0.5%	2,842	6.5%	43,654	0.3%
	2034	27,413	0.6%	2,481	0.2%	11,051	0.5%	13,580	0.1%	331	0.2%	41.0	-0.1%	40,993	0.4%	2,855	6.5%	43,847	0.4%
	2035	27,585	0.6%	2,484	0.2%	11,104	0.5%	13,590	0.1%	332	0.2%	40.9	-0.1%	41,174	0.4%	2,867	6.5%	44,042	0.4%
	2036	27,751	0.6%	2,488	0.1%	11,155	0.5%	13,600	0.1%	332	0.1%	40.9	-0.1%	41,351	0.4%	2,968	6.7%	44,319	0.6%
	2037	27,865	0.4%	2,491	0.1%	11,185	0.3%	13,609	0.1%	333	0.1%	40.9	-0.1%	41,473	0.3%	2,888	6.5%	44,361	0.1%
	2038	27,978	0.4%	2,495	0.1%	11,215	0.3%	13,617	0.1%	333	0.1%	40.8	-0.1%	41,595	0.3%	2,896	6.5%	44,491	0.3%
CAGR	2009-2018		-0.2%		-0.1%		-0.1%		-0.5%		-0.8%		0.2%		-0.3%		6.0%		-0.5%
	2019-2028		0.7%		0.3%		0.3%		1.3%		0.4%		1.0%		0.9%		6.5%		1.0%
	2029-2038		0.6%		0.2%		0.4%		0.1%		0.2%		-0.1%		0.4%		6.5%		0.4%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - Severe Weather Case

Ft. Meade (Full Req'ts)

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	44,134	-	43,777	-	-0.8%	12.5	-	10.0	-	-19.7%	9.5	-	10.4		9.3%
	2010	45,653	3.4%	42,333	-3.3%	-7.3%	14.0	11.9%	12.1	20.1%	-13.8%	9.4	-1.2%	9.2	-12.0%	-2.5%
	2011	43,569	-4.6%	41,018	-3.1%	-5.9%	12.3	-11.9%	11.9	-1.6%	-3.8%	8.4	-10.1%	8.4	-8.6%	-0.9%
	2012	41,322	-5.2%	41,636	1.5%	0.8%	10.9	-11.5%	10.9	-8.1%	-0.2%	7.8	-7.2%	9.0	8.0%	15.3%
	2013	40,645	-1.6%	41,263	-0.9%	1.5%	8.7	-20.1%	10.0	-8.6%	14.2%	7.8	0.2%	8.2	-8.7%	5.1%
	2014	41,588	2.3%	41,686	1.0%	0.2%	9.3	6.8%	11.5	15.6%	23.5%	7.2	-8.3%	7.1	-14.2%	-1.7%
	2015	42,783	2.9%	41,886	0.5%	-2.1%	10.6	14.2%	11.0	-4.2%	3.6%	9.4	30.0%	9.4	33.0%	0.6%
	2016	43,483	1.6%	41,805	-0.2%	-3.9%	7.8	-26.3%	10.7	-2.5%	37.1%	9.4	0.5%	9.3	-0.8%	-0.6%
	2017	41,077	-5.5%	40,030	-4.2%	-2.5%	6.7	-14.9%	10.7	-0.2%	60.9%	9.2	-1.9%	9.9	6.1%	7.5%
	2018	42,163	2.6%	40,910	2.2%	-3.0%	11.8	76.5%	12.0	11.8%	1.9%	8.9	-3.3%	9.4	-4.7%	5.9%
Projected	2019	43,342	2.8%	43,342	5.9%		10.9	-7.4%	10.9	-9.1%		9.4	5.4%	9.4	-0.4%	
	2020			45,188	4.3%				11.2	3.1%				9.7	3.1%	
	2021			45,324	0.3%				11.3	0.3%				9.7	0.3%	
	2022			45,620	0.7%				11.4	0.7%				9.8	0.7%	
	2023			45,928	0.7%				11.4	0.7%				9.9	0.7%	
	2024			46,314	0.8%				11.5	0.8%				9.9	0.8%	
	2025			46,495	0.4%				11.6	0.4%				10.0	0.4%	
	2026			46,788	0.6%				11.6	0.6%				10.0	0.6%	
	2027			47,089	0.6%				11.7	0.6%				10.1	0.6%	
	2028			47,432	0.7%				11.8	0.7%				10.2	0.7%	
	2029			47,527	0.2%				11.8	0.2%				10.2	0.2%	
	2030			47,759	0.5%				11.9	0.5%				10.2	0.5%	
	2031			48,018	0.5%				12.0	0.5%				10.3	0.5%	
	2032			48,355	0.7%				12.0	0.7%				10.4	0.7%	
	2033			48,491	0.3%				12.1	0.3%				10.4	0.3%	
	2034			48,714	0.5%				12.1	0.4%				10.4	0.4%	
	2035			48,936	0.5%				12.2	0.5%				10.5	0.5%	
	2036			49,253	0.6%				12.3	0.6%				10.6	0.6%	
	2037			49,304	0.1%				12.3	0.1%				10.6	0.1%	
	2038			49,452	0.3%				12.3	0.3%				10.6	0.3%	
CAGR [3]	2009-2018		-0.5%		-0.7%			-0.7%		2.0%			-0.7%		-1.1%	
	2019-2028				1.0%					0.9%					0.9%	
	2029-2038				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 2019 Load Forecast - Severe Weather Case

Ft. Meade (Full Req'ts)

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	44,134	-	43,777	-	-0.8%	12.7	-	39.8%	9.6	-	52.7%
	2010	45,653	3.4%	42,333	-3.3%	-7.3%	14.0	10.5%	37.2%	9.7	1.0%	54.0%
	2011	43,569	-4.6%	41,018	-3.1%	-5.9%	12.5	-10.8%	39.8%	9.7	0.2%	51.5%
	2012	41,322	-5.2%	41,636	1.5%	0.8%	11.0	-11.9%	42.9%	8.9	-7.9%	53.0%
	2013	40,645	-1.6%	41,263	-0.9%	1.5%	9.6	-12.9%	48.4%	8.8	-0.8%	52.6%
	2014	41,588	2.3%	41,686	1.0%	0.2%	9.9	3.8%	47.7%	9.4	6.0%	50.7%
	2015	42,783	2.9%	41,886	0.5%	-2.1%	11.1	11.6%	44.0%	9.5	1.6%	51.4%
	2016	43,483	1.6%	41,805	-0.2%	-3.9%	9.7	-12.5%	51.1%	9.5	0.1%	52.2%
	2017	41,077	-5.5%	40,030	-4.2%	-2.5%	8.5	-12.1%	54.9%	9.7	2.2%	48.2%
	2018	42,163	2.6%	40,910	2.2%	-3.0%	11.8	37.9%	40.9%	9.3	-4.3%	51.7%
Projected	2019	43,342	2.8%	43,342	5.9%		11.2	-4.7%	44.1%	9.9	6.6%	49.9%
	2020	45,188	4.3%	45,188	4.3%		11.6	3.1%	44.6%	10.2	3.1%	50.4%
	2021	45,324	0.3%	45,324	0.3%		11.6	0.3%	44.6%	10.3	0.3%	50.4%
	2022	45,620	0.7%	45,620	0.7%		11.7	0.7%	44.6%	10.3	0.7%	50.4%
	2023	45,928	0.7%	45,928	0.7%		11.8	0.7%	44.6%	10.4	0.7%	50.4%
	2024	46,314	0.8%	46,314	0.8%		11.9	0.8%	44.6%	10.5	0.8%	50.4%
	2025	46,495	0.4%	46,495	0.4%		11.9	0.4%	44.6%	10.5	0.4%	50.4%
	2026	46,788	0.6%	46,788	0.6%		12.0	0.6%	44.6%	10.6	0.6%	50.4%
	2027	47,089	0.6%	47,089	0.6%		12.1	0.6%	44.6%	10.7	0.6%	50.4%
	2028	47,432	0.7%	47,432	0.7%		12.1	0.7%	44.6%	10.7	0.7%	50.4%
	2029	47,527	0.2%	47,527	0.2%		12.2	0.2%	44.6%	10.8	0.2%	50.4%
	2030	47,759	0.5%	47,759	0.5%		12.2	0.5%	44.6%	10.8	0.5%	50.4%
	2031	48,018	0.5%	48,018	0.5%		12.3	0.5%	44.6%	10.9	0.5%	50.4%
	2032	48,355	0.7%	48,355	0.7%		12.4	0.7%	44.6%	10.9	0.7%	50.4%
	2033	48,491	0.3%	48,491	0.3%		12.4	0.3%	44.6%	11.0	0.3%	50.4%
	2034	48,714	0.5%	48,714	0.5%		12.5	0.4%	44.6%	11.0	0.4%	50.4%
	2035	48,936	0.5%	48,936	0.5%		12.5	0.5%	44.6%	11.1	0.5%	50.4%
	2036	49,253	0.6%	49,253	0.6%		12.6	0.6%	44.6%	11.1	0.6%	50.4%
	2037	49,304	0.1%	49,304	0.1%		12.6	0.1%	44.6%	11.2	0.1%	50.5%
	2038	49,452	0.3%	49,452	0.3%		12.7	0.3%	44.6%	11.2	0.3%	50.4%
CAGR [1]	2009-2018		-0.5%		-0.7%			-0.8%	44.7%		-0.3%	51.8%
	2019-2028		1.0%		1.0%			0.9%	44.5%		0.9%	50.4%
	2029-2038		0.4%		0.4%			0.4%	44.6%		0.4%	50.4%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Severe Weather Case

Ft. Meade (Full Req'ts)

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	3,640	3,214	3,214	3,229	3,942	4,257	4,117	4,305	4,073	3,957	3,062	3,382	44,393	44,134
	2010	4,484	3,590	3,113	2,978	4,143	4,376	4,256	4,317	3,997	3,302	2,844	4,397	45,795	45,653
	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	3,301	2,894	3,591	42,600	42,163
Projected	2019	4,062	3,140	2,969	3,028	3,660	3,912	4,175	4,412	4,199	3,460	3,049	3,786	43,851	43,342
	2020	4,247	3,376	3,128	3,199	3,856	4,086	4,352	4,432	4,217	3,475	3,061	3,802	45,232	45,188
	2021	4,267	3,301	3,143	3,214	3,875	4,108	4,377	4,458	4,243	3,496	3,079	3,826	45,387	45,324
	2022	4,296	3,323	3,163	3,234	3,899	4,135	4,407	4,489	4,272	3,520	3,099	3,851	45,688	45,620
	2023	4,327	3,346	3,184	3,254	3,924	4,163	4,438	4,521	4,301	3,543	3,118	3,875	45,996	45,928
	2024	4,357	3,462	3,204	3,274	3,947	4,189	4,467	4,550	4,328	3,564	3,135	3,897	46,373	46,314
	2025	4,383	3,389	3,223	3,292	3,970	4,214	4,495	4,578	4,355	3,586	3,153	3,920	46,558	46,495
	2026	4,412	3,411	3,243	3,311	3,994	4,241	4,525	4,609	4,384	3,609	3,173	3,945	46,856	46,788
	2027	4,442	3,434	3,263	3,331	4,018	4,268	4,555	4,639	4,412	3,631	3,191	3,968	47,152	47,089
	2028	4,470	3,549	3,281	3,347	4,037	4,289	4,577	4,661	4,431	3,646	3,203	3,983	47,472	47,432
Projected	2029	4,487	3,468	3,293	3,360	4,053	4,307	4,597	4,681	4,450	3,662	3,216	4,000	47,574	47,527
	2030	4,509	3,484	3,309	3,375	4,072	4,329	4,621	4,707	4,475	3,682	3,233	4,022	47,818	47,759
	2031	4,535	3,504	3,327	3,392	4,093	4,352	4,647	4,733	4,499	3,701	3,248	4,041	48,072	48,018
	2032	4,559	3,619	3,343	3,408	4,112	4,373	4,671	4,757	4,521	3,719	3,263	4,060	48,407	48,355
	2033	4,583	3,540	3,359	3,423	4,131	4,394	4,694	4,781	4,543	3,736	3,278	4,079	48,542	48,491
	2034	4,605	3,557	3,374	3,438	4,149	4,414	4,716	4,803	4,564	3,753	3,291	4,096	48,760	48,714
	2035	4,626	3,573	3,389	3,453	4,167	4,435	4,740	4,827	4,587	3,771	3,306	4,116	48,990	48,936
	2036	4,650	3,690	3,405	3,467	4,184	4,454	4,759	4,846	4,604	3,785	3,317	4,129	49,289	49,253
	2037	4,666	3,602	3,415	3,477	4,196	4,467	4,774	4,861	4,617	3,795	3,325	4,139	49,333	49,304
	2038	4,679	3,613	3,425	3,487	4,208	4,481	4,790	4,878	4,633	3,808	3,337	4,154	49,492	49,452

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.2%	7.2%	7.2%	7.3%	8.9%	9.6%	9.3%	9.7%	9.2%	8.9%	6.9%	7.6%	100.0%
	2010	9.8%	7.8%	6.8%	6.5%	9.0%	9.6%	9.3%	9.4%	8.7%	7.2%	6.2%	9.6%	100.0%
	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	8.9%	6.7%	6.9%	7.5%	8.1%	9.3%	9.6%	10.1%	9.9%	7.7%	6.8%	8.4%	100.0%
Projected	2019	9.3%	7.2%	6.8%	6.9%	8.3%	8.9%	9.5%	10.1%	9.6%	7.9%	7.0%	8.6%	100.0%
	2020	9.4%	7.5%	6.9%	7.1%	8.5%	9.0%	9.6%	9.8%	9.3%	7.7%	6.8%	8.4%	100.0%
	2021	9.4%	7.3%	6.9%	7.1%	8.5%	9.1%	9.6%	9.8%	9.3%	7.7%	6.8%	8.4%	100.0%
	2022	9.4%	7.3%	6.9%	7.1%	8.5%	9.1%	9.6%	9.8%	9.4%	7.7%	6.8%	8.4%	100.0%
	2023	9.4%	7.3%	6.9%	7.1%	8.5%	9.1%	9.6%	9.8%	9.4%	7.7%	6.8%	8.4%	100.0%
	2024	9.4%	7.5%	6.9%	7.1%	8.5%	9.0%	9.6%	9.8%	9.3%	7.7%	6.8%	8.4%	100.0%
	2025	9.4%	7.3%	6.9%	7.1%	8.5%	9.1%	9.7%	9.8%	9.4%	7.7%	6.8%	8.4%	100.0%
	2026	9.4%	7.3%	6.9%	7.1%	8.5%	9.1%	9.7%	9.8%	9.4%	7.7%	6.8%	8.4%	100.0%
	2027	9.4%	7.3%	6.9%	7.1%	8.5%	9.1%	9.7%	9.8%	9.4%	7.7%	6.8%	8.4%	100.0%
	2028	9.4%	7.5%	6.9%	7.1%	8.5%	9.0%	9.6%	9.8%	9.3%	7.7%	6.7%	8.4%	100.0%
Avg.	2009-2018	8.2%	7.0%	7.2%	7.7%	9.1%	9.4%	9.7%	10.0%	9.1%	8.1%	6.8%	7.8%	100.0%
	2019-2028	9.4%	7.3%	6.9%	7.1%	8.5%	9.0%	9.6%	9.8%	9.4%	7.7%	6.8%	8.4%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Severe Weather Case

Ft. Meade (Full Req'ts)

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	11.1	12.7	9.4	7.4	8.8	9.6	9.0	9.2	8.8	8.9	7.4	8.1	12.7	9.6
	2010	14.0	10.8	9.4	6.8	8.9	9.7	9.3	9.3	8.8	8.1	6.6	12.5	14.0	9.7
	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	7.7	7.3	8.3	11.8	9.3
Projected	2019	11.2	9.5	7.8	8.8	9.3	9.6	9.5	9.9	9.1	8.2	7.5	8.6	11.2	9.9
	2020	11.6	9.8	8.0	9.0	9.6	9.9	9.8	10.2	9.3	8.4	7.5	8.6	11.6	10.2
	2021	11.6	9.9	8.0	9.1	9.6	10.0	9.8	10.3	9.4	8.5	7.6	8.6	11.6	10.3
	2022	11.7	9.9	8.1	9.1	9.7	10.0	9.9	10.3	9.4	8.5	7.6	8.7	11.7	10.3
	2023	11.8	10.0	8.2	9.2	9.7	10.1	9.9	10.4	9.5	8.6	7.7	8.8	11.8	10.4
	2024	11.9	10.1	8.2	9.3	9.8	10.2	10.0	10.5	9.6	8.6	7.7	8.8	11.9	10.5
	2025	11.9	10.1	8.3	9.3	9.9	10.2	10.1	10.5	9.6	8.7	7.8	8.9	11.9	10.5
	2026	12.0	10.2	8.3	9.4	9.9	10.3	10.1	10.6	9.7	8.7	7.8	8.9	12.0	10.6
	2027	12.1	10.3	8.4	9.4	10.0	10.4	10.2	10.7	9.7	8.8	7.9	9.0	12.1	10.7
	2028	12.1	10.3	8.4	9.5	10.1	10.4	10.3	10.7	9.8	8.8	7.9	9.0	12.1	10.7
Projected	2029	12.2	10.4	8.4	9.5	10.1	10.4	10.3	10.8	9.8	8.9	7.9	9.0	12.2	10.8
	2030	12.2	10.4	8.5	9.5	10.1	10.5	10.3	10.8	9.9	8.9	8.0	9.1	12.2	10.8
	2031	12.3	10.5	8.5	9.6	10.2	10.6	10.4	10.9	9.9	9.0	8.0	9.2	12.3	10.9
	2032	12.4	10.5	8.6	9.7	10.3	10.6	10.5	10.9	10.0	9.0	8.1	9.2	12.4	10.9
	2033	12.4	10.6	8.6	9.7	10.3	10.7	10.5	11.0	10.0	9.0	8.1	9.2	12.4	11.0
	2034	12.5	10.6	8.6	9.7	10.3	10.7	10.5	11.0	10.1	9.1	8.1	9.3	12.5	11.0
	2035	12.5	10.7	8.7	9.8	10.4	10.8	10.6	11.1	10.1	9.1	8.2	9.3	12.5	11.1
	2036	12.6	10.7	8.7	9.8	10.4	10.8	10.6	11.1	10.2	9.2	8.2	9.3	12.6	11.1
	2037	12.6	10.7	8.7	9.8	10.5	10.8	10.7	11.2	10.2	9.2	8.2	9.4	12.6	11.2
	2038	12.7	10.8	8.8	9.9	10.5	10.9	10.7	11.2	10.2	9.2	8.2	9.4	12.7	11.2

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	44.3%	37.8%	46.2%	58.9%	66.5%	59.9%	63.2%	62.8%	64.4%	59.6%	55.4%	58.0%	40.0%	53.0%
	2010	43.1%	49.3%	44.4%	58.7%	69.5%	60.9%	63.7%	62.2%	63.1%	54.5%	57.8%	48.9%	37.4%	54.2%
	2011	40.5%	50.1%	60.5%	52.6%	66.0%	56.6%	64.6%	64.6%	63.9%	57.9%	52.7%	63.8%	38.3%	49.5%
	2012	40.3%	41.0%	63.6%	54.8%	70.9%	57.2%	64.6%	63.1%	64.0%	56.2%	60.1%	52.6%	43.4%	53.7%
	2013	56.5%	48.4%	44.8%	59.8%	65.8%	58.5%	61.4%	63.3%	59.7%	60.3%	56.1%	63.9%	48.6%	52.8%
	2014	49.5%	59.4%	64.9%	52.6%	64.3%	59.8%	65.5%	61.2%	60.0%	57.6%	50.5%	55.3%	47.6%	50.6%
	2015	54.3%	40.5%	58.1%	61.3%	66.1%	57.7%	64.1%	60.5%	61.6%	55.4%	56.2%	65.4%	44.5%	51.9%
	2016	47.0%	46.5%	56.1%	53.1%	67.5%	60.7%	64.1%	60.8%	64.3%	58.7%	59.9%	64.0%	50.2%	51.2%
	2017	48.5%	56.9%	55.1%	50.8%	65.3%	54.8%	62.7%	61.4%	54.0%	58.5%	58.2%	51.2%	55.2%	48.5%
	2018	43.5%	59.9%	56.4%	56.1%	64.3%	61.2%	63.9%	63.5%	62.7%	57.9%	53.4%	60.1%	41.3%	52.3%
Projected	2019	48.7%	49.0%	51.3%	46.5%	58.6%	54.6%	61.2%	59.8%	64.3%	56.9%	54.6%	61.4%	44.6%	50.5%
	2020	49.3%	49.3%	52.4%	47.6%	59.9%	55.3%	61.9%	58.2%	62.6%	55.4%	54.6%	61.5%	44.6%	50.5%
	2021	49.4%	49.7%	52.5%	47.7%	59.9%	55.4%	62.0%	58.4%	62.8%	55.6%	54.5%	61.5%	44.6%	50.5%
	2022	49.4%	49.7%	52.5%	47.7%	59.9%	55.4%	62.0%	58.4%	62.8%	55.6%	54.5%	61.4%	44.6%	50.5%
	2023	49.4%	49.7%	52.5%	47.6%	59.9%	55.4%	62.0%	58.4%	62.8%	55.6%	54.4%	61.3%	44.6%	50.5%
	2024	49.4%	49.3%	52.4%	47.5%	59.8%	55.3%	61.9%	58.3%	62.7%	55.5%	54.5%	61.4%	44.6%	50.5%
	2025	49.5%	49.8%	52.5%	47.6%	59.9%	55.4%	62.1%	58.5%	62.8%	55.6%	54.5%	61.4%	44.6%	50.5%
	2026	49.5%	49.8%	52.5%	47.6%	59.8%	55.4%	62.1%	58.5%	62.9%	55.6%	54.5%	61.4%	44.6%	50.5%
	2027	49.5%	49.8%	52.5%	47.6%	59.8%	55.4%	62.1%	58.5%	62.9%	55.6%	54.4%	61.4%	44.6%	50.5%
	2028	49.5%	49.4%	52.4%	47.5%	59.7%	55.3%	62.0%	58.4%	62.7%	55.4%	54.5%	61.4%	44.6%	50.5%
Avg.	2009-2018	46.8%	49.0%	55.0%	55.9%	66.6%	58.7%	63.8%	62.3%	61.8%	57.7%	56.0%	58.3%	44.7%	51.8%
	2019-2028	49.4%	49.5%	52.3%	47.5%	59.7%	55.3%	61.9%	58.5%	62.9%	55.7%	54.5%	61.4%	44.6%	50.5%

FMPA 2019 Load Forecast - Severe Weather Case

Ft. Meade (Full Req'ts)

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	11.0	12.5	9.4	7.2	8.2	9.5	8.5	8.8	8.6	8.9	7.3	8.0	12.5	9.5
	2010	14.0	9.0	9.4	6.5	8.2	9.4	8.4	9.0	8.6	8.1	6.5	12.3	14.0	9.4
	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	7.4	6.8	8.0	11.8	8.9
Projected	2019	10.9	9.1	7.4	8.2	8.8	9.3	8.8	9.4	8.8	7.9	7.0	8.3	10.9	9.4
	2020	11.2	9.4	7.6	8.4	9.1	9.6	9.1	9.7	9.1	8.1	7.1	8.3	11.2	9.7
	2021	11.3	9.4	7.7	8.5	9.1	9.6	9.1	9.7	9.1	8.1	7.1	8.4	11.3	9.7
	2022	11.4	9.5	7.7	8.5	9.2	9.7	9.2	9.8	9.2	8.2	7.1	8.4	11.4	9.8
	2023	11.4	9.6	7.8	8.6	9.2	9.8	9.2	9.9	9.3	8.2	7.2	8.5	11.4	9.9
	2024	11.5	9.6	7.8	8.7	9.3	9.8	9.3	9.9	9.3	8.3	7.2	8.5	11.5	9.9
	2025	11.6	9.7	7.9	8.7	9.3	9.9	9.3	10.0	9.4	8.3	7.3	8.6	11.6	10.0
	2026	11.6	9.7	7.9	8.8	9.4	9.9	9.4	10.0	9.4	8.4	7.3	8.7	11.6	10.0
	2027	11.7	9.8	8.0	8.8	9.5	10.0	9.5	10.1	9.5	8.5	7.4	8.7	11.7	10.1
	2028	11.8	9.9	8.0	8.9	9.5	10.1	9.5	10.2	9.5	8.5	7.4	8.7	11.8	10.2
Projected	2029	11.8	9.9	8.0	8.9	9.5	10.1	9.5	10.2	9.6	8.5	7.4	8.8	11.8	10.2
	2030	11.9	9.9	8.1	8.9	9.6	10.1	9.6	10.2	9.6	8.6	7.5	8.8	11.9	10.2
	2031	12.0	10.0	8.1	9.0	9.6	10.2	9.6	10.3	9.7	8.6	7.5	8.9	12.0	10.3
	2032	12.0	10.1	8.2	9.0	9.7	10.3	9.7	10.4	9.7	8.7	7.5	8.9	12.0	10.4
	2033	12.1	10.1	8.2	9.1	9.7	10.3	9.7	10.4	9.8	8.7	7.6	8.9	12.1	10.4
	2034	12.1	10.1	8.2	9.1	9.8	10.3	9.8	10.4	9.8	8.7	7.6	9.0	12.1	10.4
	2035	12.2	10.2	8.3	9.2	9.8	10.4	9.8	10.5	9.9	8.8	7.7	9.0	12.2	10.5
	2036	12.3	10.2	8.3	9.2	9.9	10.5	9.9	10.6	9.9	8.8	7.7	9.1	12.3	10.6
	2037	12.3	10.3	8.3	9.2	9.9	10.5	9.9	10.6	9.9	8.8	7.7	9.1	12.3	10.6
	2038	12.3	10.3	8.4	9.2	9.9	10.5	9.9	10.6	10.0	8.9	7.7	9.1	12.3	10.6

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	99.9%	98.7%	100.0%	98.0%	92.8%	99.5%	94.0%	95.9%	97.5%	100.0%	98.7%	99.2%	98.7%	99.5%
	2010	100.0%	83.0%	100.0%	95.1%	92.8%	97.3%	91.0%	96.9%	97.3%	100.0%	98.2%	98.8%	100.0%	97.3%
	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%	96.2%	93.6%	97.0%	100.0%	95.8%
Projected	2019	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2020	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2021	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2022	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2023	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2024	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2025	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2026	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2027	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2028	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%
	2009-2018	97.2%	95.6%	95.4%	93.6%	94.6%	95.5%	91.9%	93.5%	96.2%	96.1%	93.4%	96.3%	93.6%	92.6%
	2019-2028	97.2%	95.5%	95.4%	93.6%	94.6%	96.6%	92.8%	94.8%	97.3%	96.2%	93.6%	97.0%	97.2%	94.8%

FMPA 2019 Load Forecast - Severe Weather Case - Ft Meade

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

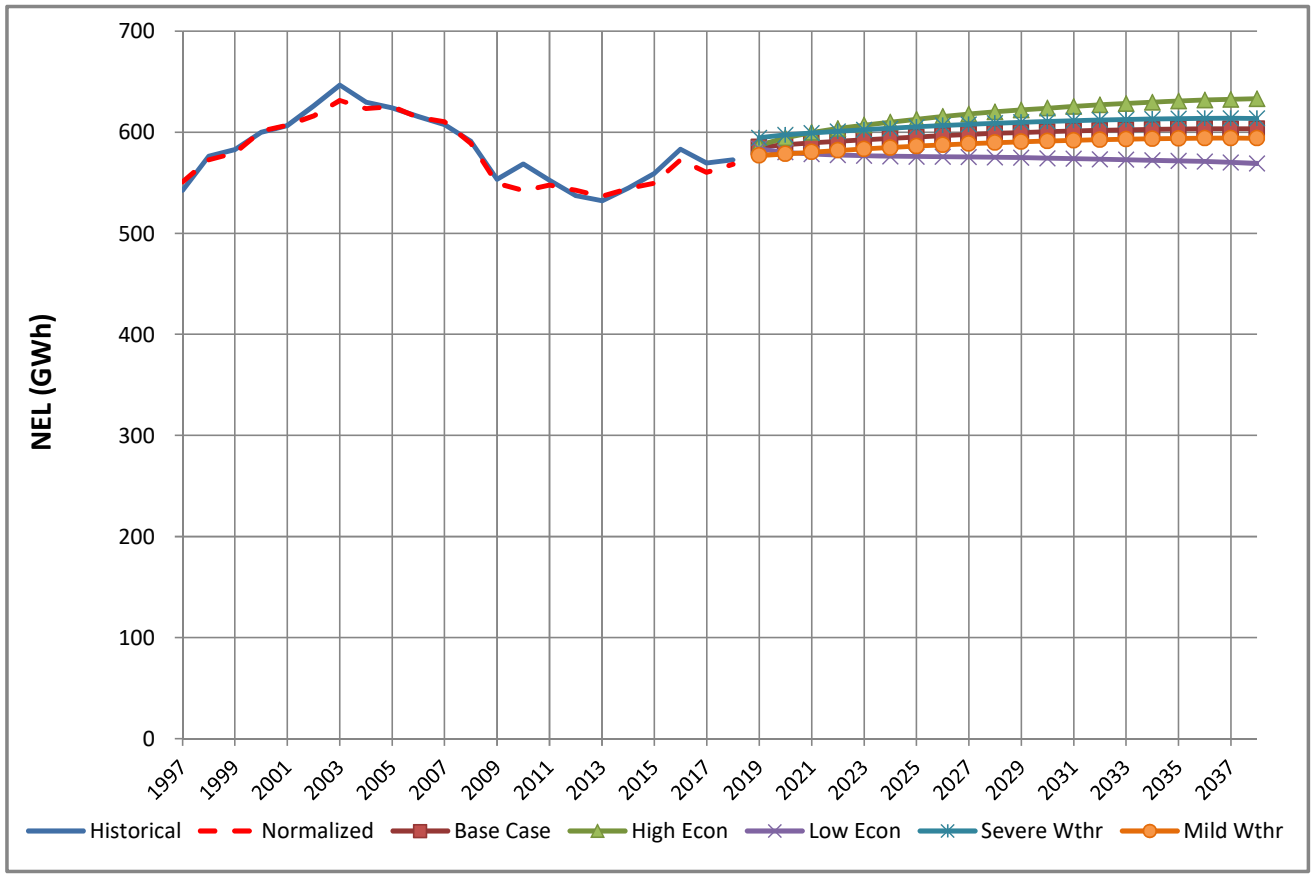
		Residential						General Service						TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2009	27,686		2,364		11,714		12,772		335		38.1		40,458		3,676	8.3%	44,134	
	2010	28,710	3.7%	2,367	0.1%	12,129	3.5%	13,644	6.8%	337	0.5%	40.5	6.2%	42,354	4.7%	3,299	7.2%	45,653	3.4%
	2011	27,574	-4.0%	2,339	-1.2%	11,788	-2.8%	13,249	-2.9%	341	1.0%	38.9	-3.8%	40,824	-3.6%	2,746	6.3%	43,569	-4.6%
	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%
Projected	2019	28,907	6.3%	2,384	2.0%	12,125	4.3%	12,478	2.5%	317	1.4%	39.4	1.1%	41,385	5.1%	1,957	4.5%	43,342	2.8%
	2020	28,947	0.1%	2,398	0.6%	12,071	-0.4%	13,909	11.5%	320	1.1%	43.4	10.3%	42,857	3.6%	2,331	5.2%	45,188	4.3%
	2021	29,146	0.7%	2,407	0.4%	12,110	0.3%	13,926	0.1%	322	0.6%	43.2	-0.4%	43,072	0.5%	2,252	5.0%	45,324	0.3%
	2022	29,411	0.9%	2,415	0.3%	12,179	0.6%	13,942	0.1%	323	0.4%	43.1	-0.2%	43,353	0.7%	2,267	5.0%	45,620	0.7%
	2023	29,688	0.9%	2,422	0.3%	12,256	0.6%	13,958	0.1%	324	0.3%	43.0	-0.2%	43,646	0.7%	2,282	5.0%	45,928	0.7%
	2024	29,951	0.9%	2,429	0.3%	12,329	0.6%	13,974	0.1%	325	0.2%	43.0	-0.1%	43,925	0.6%	2,389	5.2%	46,314	0.8%
	2025	30,197	0.8%	2,436	0.3%	12,397	0.5%	13,989	0.1%	326	0.2%	42.9	-0.1%	44,186	0.6%	2,309	5.0%	46,495	0.4%
	2026	30,461	0.9%	2,442	0.3%	12,473	0.6%	14,004	0.1%	327	0.2%	42.9	-0.1%	44,465	0.6%	2,324	5.0%	46,788	0.6%
	2027	30,733	0.9%	2,448	0.2%	12,555	0.7%	14,018	0.1%	327	0.2%	42.8	-0.1%	44,751	0.6%	2,338	5.0%	47,089	0.6%
	2028	30,955	0.7%	2,453	0.2%	12,617	0.5%	14,032	0.1%	328	0.2%	42.8	-0.1%	44,987	0.5%	2,445	5.2%	47,432	0.7%
	2029	31,122	0.5%	2,459	0.2%	12,659	0.3%	14,045	0.1%	329	0.2%	42.7	-0.1%	45,167	0.4%	2,359	5.0%	47,527	0.2%
	2030	31,330	0.7%	2,464	0.2%	12,717	0.5%	14,058	0.1%	329	0.2%	42.7	-0.1%	45,389	0.5%	2,371	5.0%	47,759	0.5%
	2031	31,564	0.7%	2,468	0.2%	12,787	0.6%	14,070	0.1%	330	0.2%	42.7	-0.1%	45,634	0.5%	2,384	5.0%	48,018	0.5%
	2032	31,781	0.7%	2,473	0.2%	12,853	0.5%	14,082	0.1%	330	0.2%	42.6	-0.1%	45,863	0.5%	2,492	5.2%	48,355	0.7%
	2033	31,992	0.7%	2,477	0.2%	12,918	0.5%	14,092	0.1%	331	0.2%	42.6	-0.1%	46,085	0.5%	2,406	5.0%	48,491	0.3%
	2034	32,194	0.6%	2,481	0.2%	12,978	0.5%	14,103	0.1%	331	0.2%	42.5	-0.1%	46,297	0.5%	2,417	5.0%	48,714	0.5%
	2035	32,395	0.6%	2,484	0.2%	13,040	0.5%	14,113	0.1%	332	0.2%	42.5	-0.1%	46,508	0.5%	2,428	5.0%	48,936	0.5%
	2036	32,591	0.6%	2,488	0.1%	13,100	0.5%	14,124	0.1%	332	0.1%	42.5	-0.1%	46,715	0.4%	2,537	5.2%	49,253	0.6%
	2037	32,725	0.4%	2,491	0.1%	13,136	0.3%	14,133	0.1%	333	0.1%	42.5	-0.1%	46,858	0.3%	2,446	5.0%	49,304	0.1%
	2038	32,857	0.4%	2,495	0.1%	13,171	0.3%	14,142	0.1%	333	0.1%	42.4	-0.1%	46,999	0.3%	2,453	5.0%	49,452	0.3%
CAGR	2009-2018		-0.2%		-0.1%		-0.1%		-0.5%		-0.8%		0.2%		-0.3%		6.0%		-0.5%
	2019-2028		0.8%		0.3%		0.4%		1.3%		0.4%		0.9%		0.9%		5.0%		1.0%
	2029-2038		0.6%		0.2%		0.4%		0.1%		0.2%		-0.1%		0.4%		5.0%		0.4%

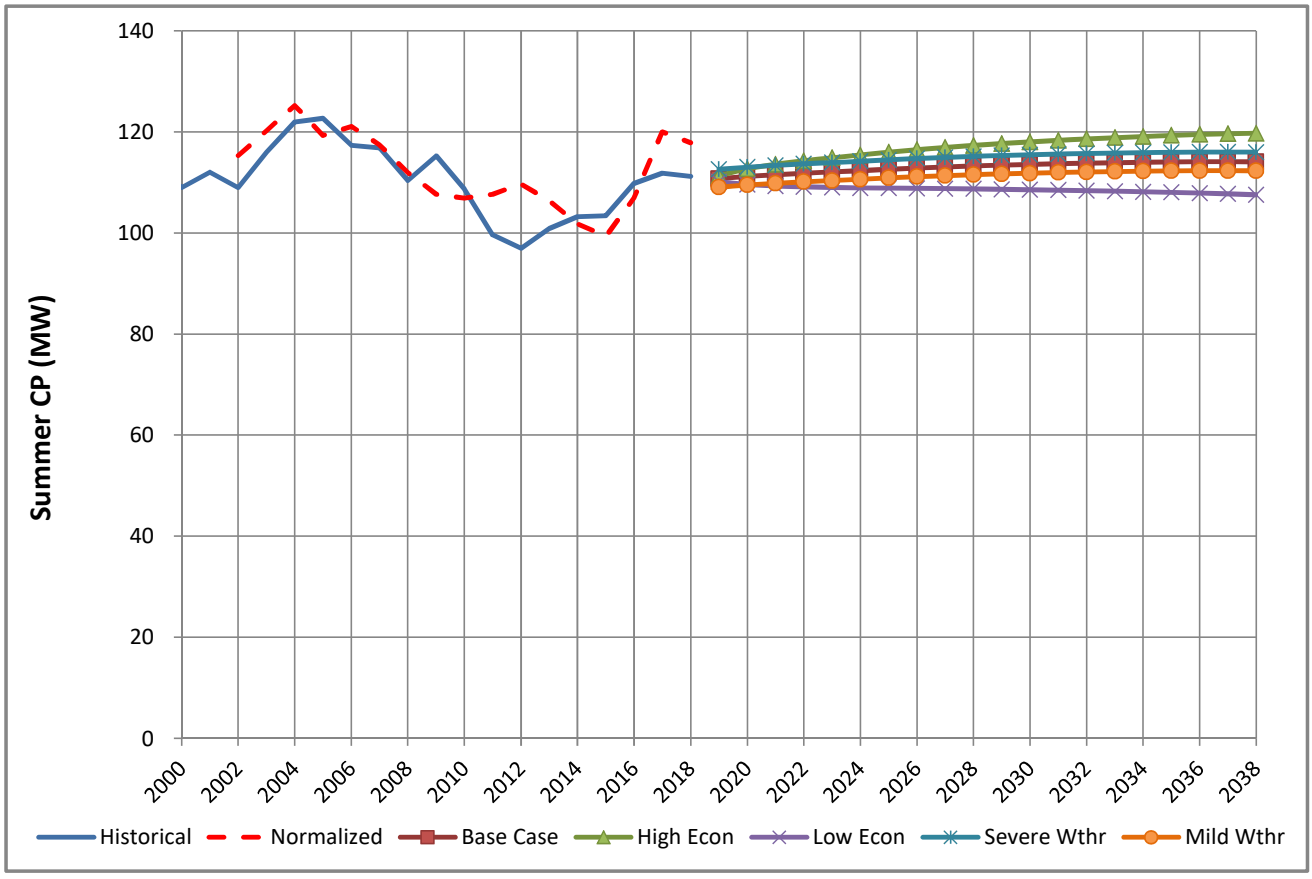
CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast

Fort Pierce

Historical and Projected NEL and Annual Coincident Peak Demand





FMPA 2019 Load Forecast - Low Economic Case

Ft. Pierce

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	553,488	-	549,693	-	-0.7%	111.5	-	96.9	-	-13.0%	115.3	-	107.6		-6.6%
	2010	568,638	2.7%	542,198	-1.4%	-4.6%	124.1	11.3%	108.9	12.4%	-12.2%	108.7	-5.7%	106.9	-0.7%	-1.6%
	2011	552,427	-2.9%	547,601	1.0%	-0.9%	114.8	-7.5%	107.0	-1.8%	-6.8%	99.6	-8.4%	99.3	-7.1%	-0.3%
	2012	537,115	-2.8%	542,680	-0.9%	1.0%	97.0	-15.5%	103.3	-3.4%	6.5%	97.0	-2.6%	109.7	10.5%	13.1%
	2013	532,037	-0.9%	536,703	-1.1%	0.9%	86.7	-10.7%	82.1	-20.6%	-5.3%	100.9	4.0%	106.4	-3.0%	5.5%
	2014	544,750	2.4%	544,110	1.4%	-0.1%	89.2	2.9%	110.9	35.1%	24.3%	103.2	2.4%	101.8	-4.3%	-1.4%
	2015	559,062	2.6%	549,646	1.0%	-1.7%	101.8	14.2%	79.7	-28.2%	-21.8%	103.4	0.2%	99.3	-2.4%	-3.9%
	2016	583,151	4.3%	572,544	4.2%	-1.8%	96.1	-5.6%	97.1	21.8%	1.0%	109.8	6.2%	107.0	7.7%	-2.6%
	2017	569,635	-2.3%	560,244	-2.1%	-1.6%	85.4	-11.1%	86.1	-11.3%	0.7%	111.8	1.8%	120.0	12.2%	7.3%
	2018	572,718	0.5%	568,152	1.4%	-0.8%	92.9	8.8%	88.5	2.9%	-4.7%	111.2	-0.6%	117.8	-1.8%	6.0%
Projected	2019	583,587	1.9%	583,587	2.7%		98.2	5.7%	98.2	10.9%		110.2	-0.9%	110.2	-6.5%	
	2020			580,138	-0.6%				97.7	-0.5%				109.6	-0.5%	
	2021			578,350	-0.3%				97.4	-0.3%				109.3	-0.3%	
	2022			577,446	-0.2%				97.3	-0.1%				109.1	-0.1%	
	2023			576,788	-0.1%				97.2	-0.1%				109.0	-0.1%	
	2024			576,119	-0.1%				97.1	-0.1%				108.9	-0.1%	
	2025			575,927	0.0%				97.1	0.0%				108.9	0.0%	
	2026			575,788	0.0%				97.0	0.0%				108.8	0.0%	
	2027			575,493	-0.1%				97.0	-0.1%				108.8	-0.1%	
	2028			575,176	-0.1%				96.9	-0.1%				108.7	-0.1%	
	2029			574,783	-0.1%				96.8	-0.1%				108.6	-0.1%	
	2030			574,287	-0.1%				96.8	-0.1%				108.6	-0.1%	
	2031			573,904	-0.1%				96.7	-0.1%				108.5	-0.1%	
	2032			573,390	-0.1%				96.6	-0.1%				108.4	-0.1%	
	2033			572,826	-0.1%				96.5	-0.1%				108.3	-0.1%	
	2034			572,180	-0.1%				96.4	-0.1%				108.1	-0.1%	
	2035			571,598	-0.1%				96.3	-0.1%				108.0	-0.1%	
	2036			570,958	-0.1%				96.2	-0.1%				107.9	-0.1%	
	2037			570,043	-0.2%				96.0	-0.2%				107.7	-0.2%	
	2038			569,136	-0.2%				95.9	-0.2%				107.6	-0.2%	
CAGR [3]	2009-2018		0.4%		0.4%			-2.0%		-1.0%			-0.4%		1.0%	
	2019-2028				-0.2%					-0.1%					-0.1%	
	2029-2038				-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 2019 Load Forecast - Low Economic Case

Ft. Pierce

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	553,488	-	549,693	-	-0.7%	111.5	-	56.7%	115.4	-	54.8%
	2010	568,638	2.7%	542,198	-1.4%	-4.6%	124.1	11.3%	52.3%	108.7	-5.8%	59.7%
	2011	552,427	-2.9%	547,601	1.0%	-0.9%	114.8	-7.5%	54.9%	104.3	-4.1%	60.5%
	2012	537,115	-2.8%	542,680	-0.9%	1.0%	97.0	-15.5%	63.2%	103.3	-0.9%	59.3%
	2013	532,037	-0.9%	536,703	-1.1%	0.9%	86.7	-10.7%	70.1%	103.7	0.4%	58.6%
	2014	544,750	2.4%	544,110	1.4%	-0.1%	89.2	2.9%	69.7%	105.5	1.8%	58.9%
	2015	559,062	2.6%	549,646	1.0%	-1.7%	101.8	14.2%	62.7%	107.2	1.6%	59.6%
	2016	583,151	4.3%	572,544	4.2%	-1.8%	97.7	-4.1%	68.2%	111.7	4.3%	59.6%
	2017	569,635	-2.3%	560,244	-2.1%	-1.6%	88.5	-9.4%	73.5%	111.8	0.1%	58.1%
	2018	572,718	0.5%	568,152	1.4%	-0.8%	101.0	14.1%	64.8%	111.6	-0.3%	58.6%
Projected	2019	583,587	1.9%	583,587	2.7%		105.4	4.4%	63.2%	113.0	1.3%	58.9%
	2020	580,138	-0.6%	580,138	-0.6%		104.9	-0.5%	63.1%	112.4	-0.5%	58.9%
	2021	578,350	-0.3%	578,350	-0.3%		104.6	-0.3%	63.1%	112.1	-0.3%	58.9%
	2022	577,446	-0.2%	577,446	-0.2%		104.5	-0.1%	63.1%	112.0	-0.1%	58.9%
	2023	576,788	-0.1%	576,788	-0.1%		104.3	-0.1%	63.1%	111.9	-0.1%	58.9%
	2024	576,119	-0.1%	576,119	-0.1%		104.2	-0.1%	63.1%	111.7	-0.1%	58.9%
	2025	575,927	0.0%	575,927	0.0%		104.2	0.0%	63.1%	111.7	0.0%	58.8%
	2026	575,788	0.0%	575,788	0.0%		104.2	0.0%	63.1%	111.7	0.0%	58.9%
	2027	575,493	-0.1%	575,493	-0.1%		104.1	-0.1%	63.1%	111.6	-0.1%	58.9%
	2028	575,176	-0.1%	575,176	-0.1%		104.1	-0.1%	63.1%	111.6	-0.1%	58.9%
	2029	574,783	-0.1%	574,783	-0.1%		104.0	-0.1%	63.1%	111.5	-0.1%	58.9%
	2030	574,287	-0.1%	574,287	-0.1%		103.9	-0.1%	63.1%	111.4	-0.1%	58.9%
	2031	573,904	-0.1%	573,904	-0.1%		103.8	-0.1%	63.1%	111.3	-0.1%	58.9%
	2032	573,390	-0.1%	573,390	-0.1%		103.7	-0.1%	63.1%	111.2	-0.1%	58.9%
	2033	572,826	-0.1%	572,826	-0.1%		103.6	-0.1%	63.1%	111.1	-0.1%	58.9%
	2034	572,180	-0.1%	572,180	-0.1%		103.5	-0.1%	63.1%	111.0	-0.1%	58.9%
	2035	571,598	-0.1%	571,598	-0.1%		103.4	-0.1%	63.1%	110.9	-0.1%	58.9%
	2036	570,958	-0.1%	570,958	-0.1%		103.3	-0.1%	63.1%	110.7	-0.1%	58.9%
	2037	570,043	-0.2%	570,043	-0.2%		103.1	-0.2%	63.1%	110.5	-0.2%	58.9%
	2038	569,136	-0.2%	569,136	-0.2%		102.9	-0.2%	63.1%	110.4	-0.2%	58.9%
CAGR [1]	2009-2018		0.4%		0.4%			-1.1%	63.6%		-0.4%	58.8%
	2019-2028		-0.2%		-0.2%			-0.1%	63.1%		-0.1%	58.9%
	2029-2038		-0.1%		-0.1%			-0.1%	63.1%		-0.1%	58.9%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Low Economic Case

Ft. Pierce

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	41,690	37,407	40,189	41,105	48,148	52,817	54,703	56,997	52,567	50,793	40,303	40,057	556,773	553,488
	2010	48,185	39,824	40,035	39,054	49,609	54,915	57,259	55,879	52,725	45,135	38,576	46,871	568,067	568,638
	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	53,358	42,709	42,265	577,442	572,718
Projected	2019	43,435	40,373	43,956	46,164	49,693	52,238	58,142	57,626	53,629	52,606	42,705	42,164	582,731	583,587
	2020	43,309	40,206	43,747	45,847	49,298	51,881	57,765	57,271	53,339	52,338	42,561	42,072	579,634	580,138
	2021	43,245	40,152	43,673	45,720	49,119	51,663	57,545	57,071	53,192	52,217	42,477	42,000	578,073	578,350
	2022	43,179	40,094	43,610	45,653	49,046	51,583	57,462	56,996	53,129	52,161	42,435	41,963	577,311	577,446
	2023	43,139	40,055	43,564	45,602	48,989	51,520	57,388	56,918	53,053	52,083	42,370	41,896	576,578	576,788
	2024	43,075	39,999	43,509	45,549	48,936	51,469	57,338	56,876	53,019	52,053	42,347	41,877	576,047	576,119
	2025	43,058	39,985	43,491	45,532	48,920	51,456	57,328	56,868	53,012	52,046	42,339	41,869	575,902	575,927
	2026	43,052	39,977	43,478	45,518	48,906	51,443	57,313	56,852	52,996	52,026	42,318	41,847	575,726	575,788
	2027	43,031	39,957	43,452	45,492	48,878	51,415	57,284	56,824	52,969	51,997	42,292	41,820	575,411	575,493
	2028	43,006	39,933	43,424	45,464	48,850	51,389	57,257	56,799	52,946	51,972	42,269	41,797	575,107	575,176
Projected	2029	42,984	39,910	43,394	45,431	48,813	51,349	57,212	56,752	52,899	51,922	42,225	41,751	574,643	574,783
	2030	42,940	39,871	43,351	45,389	48,771	51,310	57,173	56,717	52,868	51,892	42,199	41,726	574,206	574,287
	2031	42,916	39,847	43,319	45,356	48,735	51,274	57,133	56,677	52,829	51,850	42,160	41,687	573,784	573,904
	2032	42,878	39,810	43,277	45,312	48,689	51,228	57,085	56,630	52,785	51,804	42,120	41,646	573,264	573,390
	2033	42,839	39,772	43,231	45,264	48,639	51,177	57,028	56,574	52,731	51,749	42,072	41,597	572,674	572,826
	2034	42,790	39,727	43,179	45,211	48,582	51,119	56,966	56,513	52,675	51,691	42,022	41,548	572,024	572,180
	2035	42,743	39,684	43,130	45,162	48,532	51,070	56,916	56,467	52,633	51,649	41,986	41,513	571,485	571,598
	2036	42,707	39,646	43,083	45,110	48,473	51,007	56,842	56,388	52,554	51,567	41,915	41,439	570,730	570,958
	2037	42,633	39,579	43,010	45,035	48,395	50,927	56,757	56,307	52,480	51,493	41,854	41,379	569,849	570,043
	2038	42,572	39,520	42,942	44,962	48,316	50,843	56,661	56,209	52,386	51,398	41,774	41,298	568,880	569,136

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	7.5%	6.7%	7.2%	7.4%	8.6%	9.5%	9.8%	10.2%	9.4%	9.1%	7.2%	7.2%	100.0%
	2010	8.5%	7.0%	7.0%	6.9%	8.7%	9.7%	10.1%	9.8%	9.3%	7.9%	6.8%	8.3%	100.0%
	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%	7.5%	8.2%	9.1%	10.0%	10.1%	9.8%	9.2%	7.4%	7.3%	100.0%
Projected	2019	7.5%	6.9%	7.5%	7.9%	8.5%	9.0%	10.0%	9.9%	9.2%	9.0%	7.3%	7.2%	100.0%
	2020	7.5%	6.9%	7.5%	7.9%	8.5%	9.0%	10.0%	9.9%	9.2%	9.0%	7.3%	7.3%	100.0%
	2021	7.5%	6.9%	7.6%	7.9%	8.5%	8.9%	10.0%	9.9%	9.2%	9.0%	7.3%	7.3%	100.0%
	2022	7.5%	6.9%	7.6%	7.9%	8.5%	8.9%	10.0%	9.9%	9.2%	9.0%	7.4%	7.3%	100.0%
	2023	7.5%	6.9%	7.6%	7.9%	8.5%	8.9%	10.0%	9.9%	9.2%	9.0%	7.3%	7.3%	100.0%
	2024	7.5%	6.9%	7.6%	7.9%	8.5%	8.9%	10.0%	9.9%	9.2%	9.0%	7.4%	7.3%	100.0%
	2025	7.5%	6.9%	7.6%	7.9%	8.5%	8.9%	10.0%	9.9%	9.2%	9.0%	7.4%	7.3%	100.0%
	2026	7.5%	6.9%	7.6%	7.9%	8.5%	8.9%	10.0%	9.9%	9.2%	9.0%	7.4%	7.3%	100.0%
	2027	7.5%	6.9%	7.6%	7.9%	8.5%	8.9%	10.0%	9.9%	9.2%	9.0%	7.3%	7.3%	100.0%
	2028	7.5%	6.9%	7.6%	7.9%	8.5%	8.9%	10.0%	9.9%	9.2%	9.0%	7.3%	7.3%	100.0%
Avg.	2009-2018	7.4%	6.7%	7.3%	7.7%	8.8%	9.3%	10.0%	10.2%	9.3%	8.6%	7.2%	7.4%	100.0%
	2019-2028	7.5%	6.9%	7.6%	7.9%	8.5%	8.9%	10.0%	9.9%	9.2%	9.0%	7.3%	7.3%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Low Economic Case

Ft. Pierce

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	106.2	111.5	82.8	83.3	96.9	115.4	108.9	107.2	102.7	103.9	90.0	79.5	111.5	115.4
	2010	124.1	92.3	94.0	75.5	93.4	108.7	107.1	107.5	103.7	93.3	93.5	114.8	124.1	108.7
	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	99.7	90.6	81.2	101.0	111.6
Projected	2019	105.4	86.1	90.6	94.5	103.3	110.1	111.6	113.0	108.2	101.0	90.1	80.7	105.4	113.0
	2020	104.9	85.6	90.1	94.0	102.7	109.5	111.0	112.4	107.6	100.5	89.9	80.5	104.9	112.4
	2021	104.6	85.4	89.9	93.8	102.4	109.2	110.7	112.1	107.3	100.2	89.8	80.4	104.6	112.1
	2022	104.5	85.3	89.8	93.7	102.3	109.1	110.5	112.0	107.2	100.1	89.7	80.3	104.5	112.0
	2023	104.3	85.2	89.7	93.5	102.2	109.0	110.4	111.9	107.0	100.0	89.6	80.2	104.3	111.9
	2024	104.2	85.1	89.6	93.5	102.1	108.9	110.3	111.7	107.0	99.9	89.6	80.2	104.2	111.7
	2025	104.2	85.1	89.6	93.4	102.0	108.8	110.3	111.7	106.9	99.8	89.5	80.2	104.2	111.7
	2026	104.2	85.0	89.5	93.4	102.0	108.8	110.2	111.7	106.9	99.8	89.5	80.1	104.2	111.7
	2027	104.1	85.0	89.5	93.4	102.0	108.7	110.2	111.6	106.8	99.8	89.4	80.1	104.1	111.6
	2028	104.1	84.9	89.4	93.3	101.9	108.7	110.1	111.6	106.8	99.7	89.4	80.0	104.1	111.6
Projected	2029	104.0	84.9	89.4	93.2	101.8	108.6	110.0	111.5	106.7	99.6	89.3	80.0	104.0	111.5
	2030	103.9	84.8	89.3	93.2	101.7	108.5	110.0	111.4	106.6	99.6	89.2	79.9	103.9	111.4
	2031	103.8	84.8	89.2	93.1	101.7	108.4	109.9	111.3	106.5	99.5	89.2	79.8	103.8	111.3
	2032	103.7	84.7	89.2	93.0	101.6	108.3	109.8	111.2	106.4	99.4	89.1	79.8	103.7	111.2
	2033	103.6	84.6	89.1	92.9	101.5	108.2	109.7	111.1	106.3	99.3	89.0	79.7	103.6	111.1
	2034	103.5	84.5	89.0	92.8	101.4	108.1	109.5	111.0	106.2	99.2	88.9	79.6	103.5	111.0
	2035	103.4	84.4	88.9	92.7	101.3	108.0	109.4	110.9	106.1	99.1	88.8	79.5	103.4	110.9
	2036	103.3	84.3	88.8	92.6	101.1	107.9	109.3	110.7	106.0	99.0	88.6	79.4	103.3	110.7
	2037	103.1	84.2	88.6	92.5	101.0	107.7	109.1	110.5	105.8	98.8	88.5	79.2	103.1	110.5
	2038	102.9	84.0	88.5	92.3	100.8	107.5	108.9	110.4	105.6	98.6	88.3	79.1	102.9	110.4

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	52.8%	49.9%	65.2%	66.4%	73.9%	61.5%	69.8%	71.5%	71.1%	65.7%	60.2%	69.9%	57.0%	55.1%
	2010	52.2%	64.2%	57.3%	69.6%	79.0%	67.9%	74.3%	69.8%	70.6%	65.0%	55.5%	56.7%	52.3%	59.7%
	2011	54.4%	73.1%	64.5%	63.9%	76.4%	66.7%	73.9%	72.0%	70.8%	64.3%	63.6%	78.9%	54.1%	59.5%
	2012	55.8%	62.8%	73.5%	62.1%	72.9%	66.8%	73.7%	69.7%	71.3%	64.4%	71.4%	71.6%	63.2%	59.3%
	2013	73.0%	66.0%	61.3%	67.9%	76.0%	67.4%	70.2%	72.1%	68.2%	67.1%	64.7%	71.5%	70.9%	59.2%
	2014	62.2%	71.4%	71.8%	62.9%	78.0%	66.7%	70.2%	71.6%	68.3%	65.2%	59.6%	76.2%	69.2%	58.5%
	2015	73.2%	53.0%	68.9%	63.5%	76.4%	69.5%	72.4%	69.6%	68.7%	68.1%	63.5%	72.2%	64.4%	61.2%
	2016	62.4%	58.9%	64.4%	63.9%	72.8%	67.6%	76.2%	72.0%	72.1%	65.2%	63.5%	67.8%	67.2%	58.7%
	2017	66.3%	69.2%	63.5%	63.0%	73.6%	66.7%	74.4%	71.5%	66.8%	67.8%	64.8%	70.0%	73.9%	58.5%
	2018	57.4%	71.0%	61.5%	63.7%	77.3%	65.4%	71.9%	70.7%	72.1%	71.9%	63.3%	72.3%	65.3%	59.1%
Projected	2019	55.4%	69.8%	65.2%	65.6%	71.6%	63.8%	72.4%	68.5%	68.8%	70.0%	63.7%	72.5%	63.1%	58.8%
	2020	55.5%	67.5%	65.2%	65.5%	71.4%	63.7%	72.3%	68.5%	68.8%	70.0%	63.6%	72.6%	63.1%	58.8%
	2021	55.6%	70.0%	65.3%	65.5%	71.4%	63.6%	72.2%	68.4%	68.8%	70.0%	63.6%	72.5%	63.1%	58.8%
	2022	55.6%	70.0%	65.3%	65.5%	71.3%	63.5%	72.2%	68.4%	68.8%	70.0%	63.6%	72.6%	63.1%	58.8%
	2023	55.6%	70.0%	65.3%	65.5%	71.4%	63.6%	72.2%	68.4%	68.8%	70.0%	63.6%	72.5%	63.1%	58.8%
	2024	55.5%	67.5%	65.3%	65.5%	71.3%	63.5%	72.2%	68.4%	68.9%	70.1%	63.5%	72.5%	63.1%	58.8%
	2025	55.5%	69.9%	65.3%	65.5%	71.3%	63.5%	72.2%	68.4%	68.9%	70.1%	63.6%	72.5%	63.1%	58.8%
	2026	55.6%	70.0%	65.3%	65.5%	71.3%	63.6%	72.2%	68.4%	68.9%	70.1%	63.6%	72.5%	63.1%	58.8%
	2027	55.6%	70.0%	65.3%	65.5%	71.3%	63.6%	72.2%	68.4%	68.9%	70.1%	63.6%	72.5%	63.1%	58.8%
	2028	55.6%	67.5%	65.3%	65.5%	71.3%	63.6%	72.2%	68.4%	68.9%	70.1%	63.6%	72.5%	63.1%	58.8%
Avg.	2009-2018	61.0%	64.0%	65.2%	64.7%	75.6%	66.6%	72.7%	71.0%	70.0%	66.5%	63.0%	70.7%	63.7%	58.9%
	2019-2028	55.5%	69.2%	65.3%	65.5%	71.4%	63.6%	72.2%	68.4%	68.8%	70.0%	63.6%	72.5%	63.1%	58.8%

FMPA 2019 Load Forecast - Low Economic Case

Ft. Pierce

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	106.2	111.5	82.8	75.1	95.2	115.3	102.7	103.5	100.2	103.0	80.4	69.6	111.5	115.3
	2010	124.1	90.8	94.0	71.3	92.3	108.7	101.8	106.4	99.5	92.5	78.7	114.8	124.1	108.7
	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	97.0	82.4	76.5	92.9	111.2
Projected	2019	98.2	83.9	86.7	90.2	100.1	107.4	106.8	110.2	105.2	98.3	81.9	76.1	98.2	110.2
	2020	97.7	83.4	86.3	89.7	99.5	106.8	106.3	109.6	104.6	97.7	81.7	75.9	97.7	109.6
	2021	97.4	83.2	86.1	89.5	99.3	106.5	106.0	109.3	104.3	97.5	81.6	75.8	97.4	109.3
	2022	97.3	83.1	85.9	89.4	99.1	106.4	105.8	109.1	104.2	97.4	81.5	75.7	97.3	109.1
	2023	97.2	83.0	85.8	89.2	99.0	106.2	105.7	109.0	104.1	97.2	81.4	75.7	97.2	109.0
	2024	97.1	82.9	85.8	89.2	98.9	106.1	105.6	108.9	104.0	97.1	81.4	75.7	97.1	108.9
	2025	97.1	82.9	85.7	89.1	98.9	106.1	105.6	108.9	104.0	97.1	81.4	75.6	97.1	108.9
	2026	97.0	82.9	85.7	89.1	98.9	106.1	105.5	108.8	103.9	97.1	81.3	75.6	97.0	108.8
	2027	97.0	82.8	85.7	89.1	98.8	106.0	105.5	108.8	103.9	97.0	81.3	75.5	97.0	108.8
	2028	96.9	82.8	85.6	89.0	98.8	106.0	105.4	108.7	103.8	97.0	81.2	75.5	96.9	108.7
Projected	2029	96.8	82.7	85.5	88.9	98.7	105.9	105.3	108.6	103.7	96.9	81.2	75.4	96.8	108.6
	2030	96.8	82.7	85.5	88.9	98.6	105.8	105.3	108.6	103.6	96.8	81.1	75.4	96.8	108.6
	2031	96.7	82.6	85.4	88.8	98.5	105.7	105.2	108.5	103.6	96.8	81.0	75.3	96.7	108.5
	2032	96.6	82.5	85.3	88.7	98.5	105.6	105.1	108.4	103.5	96.7	80.9	75.2	96.6	108.4
	2033	96.5	82.4	85.3	88.6	98.4	105.5	105.0	108.3	103.4	96.6	80.8	75.1	96.5	108.3
	2034	96.4	82.3	85.2	88.5	98.2	105.4	104.9	108.1	103.3	96.5	80.8	75.1	96.4	108.1
	2035	96.3	82.3	85.1	88.5	98.1	105.3	104.8	108.0	103.2	96.4	80.7	75.0	96.3	108.0
	2036	96.2	82.2	85.0	88.3	98.0	105.2	104.6	107.9	103.0	96.2	80.5	74.9	96.2	107.9
	2037	96.0	82.0	84.8	88.2	97.9	105.0	104.5	107.7	102.9	96.1	80.4	74.7	96.0	107.7
	2038	95.9	81.9	84.7	88.1	97.7	104.8	104.3	107.6	102.7	95.9	80.3	74.6	95.9	107.6

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	100.0%	100.0%	100.0%	90.2%	98.3%	99.9%	94.3%	96.5%	97.5%	99.1%	89.4%	87.5%	100.0%	99.9%
	2010	100.0%	98.4%	100.0%	94.4%	98.8%	100.0%	95.1%	98.9%	96.0%	99.1%	84.2%	100.0%	100.0%	100.0%
	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%	97.3%	90.9%	94.3%	92.0%	99.7%
Projected	2019	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2020	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2021	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2022	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2023	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2024	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2025	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2026	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2027	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2028	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2009-2018	93.1%	98.3%	95.9%	95.2%	96.5%	97.1%	95.5%	97.3%	96.8%	97.2%	91.0%	93.7%	98.7%	97.9%
	2019-2028	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%

FMPA 2019 Load Forecast - Low Economic Case - Ft Pierce

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	209,719		23,328		8,990		327,259		5,085		64.4		5,992		5,717		548,687		4,801	0.9%	553,488	
	2010	226,860	8.2%	22,828	-2.1%	9,938	10.5%	308,544	-5.7%	5,031	-1.0%	61.3	-4.7%	5,980	-0.2%	5,762	0.8%	547,146	-0.3%	21,492	3.8%	568,638	2.7%
	2011	216,942	-4.4%	22,733	-0.4%	9,543	-4.0%	301,655	-2.2%	5,018	-0.3%	60.1	-2.0%	5,989	0.2%	5,860	1.7%	530,446	-3.1%	21,981	4.0%	552,427	-2.9%
	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	233,076	-1.0%	23,183	-0.1%	10,054	-0.9%	300,684	-2.6%	5,081	0.0%	59.2	-2.6%	6,227	0.0%	3,910	0.3%	543,897	-1.9%	28,821	5.0%	572,718	0.5%
Projected	2019	231,637	-0.6%	23,274	0.4%	9,953	-1.0%	317,662	5.6%	5,111	0.6%	62.2	5.0%	6,227	0.0%	3,910	0.0%	559,435	2.9%	24,152	4.1%	583,587	1.9%
	2020	229,251	-1.0%	23,299	0.1%	9,839	-1.1%	316,767	-0.3%	5,103	-0.1%	62.1	-0.1%	6,227	0.0%	3,910	0.0%	556,155	-0.6%	23,983	4.1%	580,138	-0.6%
	2021	228,078	-0.5%	23,340	0.2%	9,772	-0.7%	316,228	-0.2%	5,108	0.1%	61.9	-0.3%	6,227	0.0%	3,910	0.0%	554,442	-0.3%	23,908	4.1%	578,350	-0.3%
	2022	227,759	-0.1%	23,393	0.2%	9,736	-0.4%	315,678	-0.2%	5,115	0.2%	61.7	-0.3%	6,227	0.0%	3,910	0.0%	553,574	-0.2%	23,872	4.1%	577,446	-0.2%
	2023	227,548	-0.1%	23,445	0.2%	9,706	-0.3%	315,257	-0.1%	5,125	0.2%	61.5	-0.3%	6,227	0.0%	3,910	0.0%	552,943	-0.1%	23,845	4.1%	576,788	-0.1%
	2024	227,294	-0.1%	23,496	0.2%	9,674	-0.3%	314,870	-0.1%	5,135	0.2%	61.3	-0.3%	6,227	0.0%	3,910	0.0%	552,301	-0.1%	23,818	4.1%	576,119	-0.1%
	2025	227,498	0.1%	23,547	0.2%	9,661	-0.1%	314,481	-0.1%	5,144	0.2%	61.1	-0.3%	6,227	0.0%	3,910	0.0%	552,117	0.0%	23,810	4.1%	575,927	0.0%
	2026	227,769	0.1%	23,596	0.2%	9,653	-0.1%	314,079	-0.1%	5,154	0.2%	60.9	-0.3%	6,227	0.0%	3,910	0.0%	551,984	0.0%	23,804	4.1%	575,788	0.0%
	2027	227,935	0.1%	23,641	0.2%	9,641	-0.1%	313,630	-0.1%	5,163	0.2%	60.7	-0.3%	6,227	0.0%	3,910	0.0%	551,702	-0.1%	23,791	4.1%	575,493	-0.1%
	2028	228,094	0.1%	23,686	0.2%	9,630	-0.1%	313,167	-0.1%	5,172	0.2%	60.5	-0.3%	6,227	0.0%	3,910	0.0%	551,399	-0.1%	23,777	4.1%	575,176	-0.1%
	2029	228,198	0.0%	23,731	0.2%	9,616	-0.1%	312,688	-0.2%	5,181	0.2%	60.4	-0.3%	6,227	0.0%	3,910	0.0%	551,023	-0.1%	23,760	4.1%	574,783	-0.1%
	2030	228,236	0.0%	23,773	0.2%	9,600	-0.2%	312,175	-0.2%	5,189	0.2%	60.2	-0.3%	6,227	0.0%	3,910	0.0%	550,547	-0.1%	23,740	4.1%	574,287	-0.1%
	2031	228,427	0.1%	23,814	0.2%	9,592	-0.1%	311,617	-0.2%	5,197	0.1%	60.0	-0.3%	6,227	0.0%	3,910	0.0%	550,181	-0.1%	23,723	4.1%	573,904	-0.1%
	2032	228,524	0.0%	23,851	0.2%	9,581	-0.1%	311,027	-0.2%	5,204	0.1%	59.8	-0.3%	6,227	0.0%	3,910	0.0%	549,689	-0.1%	23,701	4.1%	573,390	-0.1%
	2033	228,591	0.0%	23,887	0.2%	9,570	-0.1%	310,421	-0.2%	5,211	0.1%	59.6	-0.3%	6,227	0.0%	3,910	0.0%	549,149	-0.1%	23,677	4.1%	572,826	-0.1%
	2034	228,590	0.0%	23,923	0.1%	9,555	-0.1%	309,803	-0.2%	5,218	0.1%	59.4	-0.3%	6,227	0.0%	3,910	0.0%	548,530	-0.1%	23,650	4.1%	572,180	-0.1%
	2035	228,650	0.0%	23,959	0.1%	9,544	-0.1%	309,185	-0.2%	5,225	0.1%	59.2	-0.3%	6,227	0.0%	3,910	0.0%	547,972	-0.1%	23,626	4.1%	571,598	-0.1%
	2036	228,657	0.0%	23,993	0.1%	9,530	-0.1%	308,566	-0.2%	5,231	0.1%	59.0	-0.3%	6,227	0.0%	3,910	0.0%	547,360	-0.1%	23,598	4.1%	570,958	-0.1%
	2037	228,437	-0.1%	24,026	0.1%	9,508	-0.2%	307,908	-0.2%	5,238	0.1%	58.8	-0.3%	6,227	0.0%	3,910	0.0%	546,483	-0.2%	23,560	4.1%	570,043	-0.2%
	2038	228,265	-0.1%	24,061	0.1%	9,487	-0.2%	307,212	-0.2%	5,243	0.1%	58.6	-0.3%	6,227	0.0%	3,910	0.0%	545,614	-0.2%	23,522	4.1%	569,136	-0.2%
CAGR	2009-2018		1.2%		-0.1%		1.3%		-0.9%		0.0%		-0.9%		0.4%		-4.1%		-0.1%		3.6%		0.4%
	2019-2028		-0.2%		0.2%		-0.4%		-0.2%		0.1%		-0.3%		0.0%		0.0%		-0.2%		4.1%		-0.2%
	2029-2038		0.0%		0.2%		-0.2%		-0.2%		0.1%		-0.3%		0.0%		0.0%		-0.1%		4.1%		-0.1%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - High Economic Case

Ft. Pierce

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	553,488	-	549,693	-	-0.7%	111.5	-	96.9	-	-13.0%	115.3	-	107.6		-6.6%
	2010	568,638	2.7%	542,198	-1.4%	-4.6%	124.1	11.3%	108.9	12.4%	-12.2%	108.7	-5.7%	106.9	-0.7%	-1.6%
	2011	552,427	-2.9%	547,601	1.0%	-0.9%	114.8	-7.5%	107.0	-1.8%	-6.8%	99.6	-8.4%	99.3	-7.1%	-0.3%
	2012	537,115	-2.8%	542,680	-0.9%	1.0%	97.0	-15.5%	103.3	-3.4%	6.5%	97.0	-2.6%	109.7	10.5%	13.1%
	2013	532,037	-0.9%	536,703	-1.1%	0.9%	86.7	-10.7%	82.1	-20.6%	-5.3%	100.9	4.0%	106.4	-3.0%	5.5%
	2014	544,750	2.4%	544,110	1.4%	-0.1%	89.2	2.9%	110.9	35.1%	24.3%	103.2	2.4%	101.8	-4.3%	-1.4%
	2015	559,062	2.6%	549,646	1.0%	-1.7%	101.8	14.2%	79.7	-28.2%	-21.8%	103.4	0.2%	99.3	-2.4%	-3.9%
	2016	583,151	4.3%	572,544	4.2%	-1.8%	96.1	-5.6%	97.1	21.8%	1.0%	109.8	6.2%	107.0	7.7%	-2.6%
	2017	569,635	-2.3%	560,244	-2.1%	-1.6%	85.4	-11.1%	86.1	-11.3%	0.7%	111.8	1.8%	120.0	12.2%	7.3%
	2018	572,718	0.5%	568,152	1.4%	-0.8%	92.9	8.8%	88.5	2.9%	-4.7%	111.2	-0.6%	117.8	-1.8%	6.0%
Projected	2019	587,041	2.5%	587,041	3.3%		99.2	6.8%	99.2	12.0%		111.3	0.1%	111.3	-5.6%	
	2020			594,538	1.3%				100.5	1.3%				112.7	1.3%	
	2021			599,774	0.9%				101.2	0.8%				113.6	0.8%	
	2022			603,695	0.7%				101.9	0.6%				114.3	0.6%	
	2023			607,041	0.6%				102.4	0.5%				114.9	0.5%	
	2024			609,831	0.5%				102.9	0.5%				115.4	0.5%	
	2025			612,803	0.5%				103.4	0.5%				116.0	0.5%	
	2026			615,566	0.5%				103.8	0.4%				116.5	0.4%	
	2027			617,942	0.4%				104.2	0.4%				116.9	0.4%	
	2028			620,120	0.4%				104.6	0.3%				117.3	0.3%	
	2029			622,059	0.3%				104.9	0.3%				117.7	0.3%	
	2030			623,752	0.3%				105.2	0.3%				118.0	0.3%	
	2031			625,508	0.3%				105.5	0.3%				118.3	0.3%	
	2032			627,025	0.2%				105.7	0.2%				118.6	0.2%	
	2033			628,404	0.2%				106.0	0.2%				118.9	0.2%	
	2034			629,608	0.2%				106.2	0.2%				119.1	0.2%	
	2035			630,822	0.2%				106.4	0.2%				119.3	0.2%	
	2036			631,898	0.2%				106.5	0.1%				119.5	0.1%	
	2037			632,570	0.1%				106.6	0.1%				119.6	0.1%	
	2038			633,225	0.1%				106.7	0.1%				119.7	0.1%	
CAGR [3]	2009-2018		0.4%		0.4%			-2.0%		-1.0%			-0.4%		1.0%	
	2019-2028				0.6%					0.6%					0.6%	
	2029-2038				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 2019 Load Forecast - High Economic Case

Ft. Pierce

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	553,488	-	549,693	-	-0.7%	111.5	-	56.7%	115.4	-	54.8%
	2010	568,638	2.7%	542,198	-1.4%	-4.6%	124.1	11.3%	52.3%	108.7	-5.8%	59.7%
	2011	552,427	-2.9%	547,601	1.0%	-0.9%	114.8	-7.5%	54.9%	104.3	-4.1%	60.5%
	2012	537,115	-2.8%	542,680	-0.9%	1.0%	97.0	-15.5%	63.2%	103.3	-0.9%	59.3%
	2013	532,037	-0.9%	536,703	-1.1%	0.9%	86.7	-10.7%	70.1%	103.7	0.4%	58.6%
	2014	544,750	2.4%	544,110	1.4%	-0.1%	89.2	2.9%	69.7%	105.5	1.8%	58.9%
	2015	559,062	2.6%	549,646	1.0%	-1.7%	101.8	14.2%	62.7%	107.2	1.6%	59.6%
	2016	583,151	4.3%	572,544	4.2%	-1.8%	97.7	-4.1%	68.2%	111.7	4.3%	59.6%
	2017	569,635	-2.3%	560,244	-2.1%	-1.6%	88.5	-9.4%	73.5%	111.8	0.1%	58.1%
	2018	572,718	0.5%	568,152	1.4%	-0.8%	101.0	14.1%	64.8%	111.6	-0.3%	58.6%
Projected	2019	587,041	2.5%	587,041	3.3%		106.5	5.5%	62.9%	114.2	2.4%	58.7%
	2020	594,538	1.3%	594,538	1.3%		107.9	1.3%	62.9%	115.6	1.3%	58.7%
	2021	599,774	0.9%	599,774	0.9%		108.7	0.8%	63.0%	116.5	0.8%	58.8%
	2022	603,695	0.7%	603,695	0.7%		109.4	0.6%	63.0%	117.3	0.6%	58.8%
	2023	607,041	0.6%	607,041	0.6%		109.9	0.5%	63.0%	117.9	0.5%	58.8%
	2024	609,831	0.5%	609,831	0.5%		110.5	0.5%	63.0%	118.4	0.5%	58.8%
	2025	612,803	0.5%	612,803	0.5%		111.0	0.5%	63.0%	119.0	0.5%	58.8%
	2026	615,566	0.5%	615,566	0.5%		111.5	0.4%	63.0%	119.5	0.4%	58.8%
	2027	617,942	0.4%	617,942	0.4%		111.9	0.4%	63.0%	120.0	0.4%	58.8%
	2028	620,120	0.4%	620,120	0.4%		112.3	0.3%	63.0%	120.4	0.3%	58.8%
	2029	622,059	0.3%	622,059	0.3%		112.6	0.3%	63.1%	120.7	0.3%	58.8%
	2030	623,752	0.3%	623,752	0.3%		112.9	0.3%	63.0%	121.1	0.3%	58.8%
	2031	625,508	0.3%	625,508	0.3%		113.2	0.3%	63.1%	121.4	0.3%	58.8%
	2032	627,025	0.2%	627,025	0.2%		113.5	0.2%	63.1%	121.7	0.2%	58.8%
	2033	628,404	0.2%	628,404	0.2%		113.8	0.2%	63.1%	122.0	0.2%	58.8%
	2034	629,608	0.2%	629,608	0.2%		114.0	0.2%	63.1%	122.2	0.2%	58.8%
	2035	630,822	0.2%	630,822	0.2%		114.2	0.2%	63.1%	122.4	0.2%	58.8%
	2036	631,898	0.2%	631,898	0.2%		114.4	0.1%	63.1%	122.6	0.1%	58.8%
	2037	632,570	0.1%	632,570	0.1%		114.5	0.1%	63.1%	122.7	0.1%	58.8%
	2038	633,225	0.1%	633,225	0.1%		114.6	0.1%	63.1%	122.9	0.1%	58.8%
CAGR [1]	2009-2018		0.4%		0.4%			-1.1%	63.6%		-0.4%	58.8%
	2019-2028		0.6%		0.6%			0.6%	63.0%		0.6%	58.8%
	2029-2038		0.2%		0.2%			0.2%	63.1%		0.2%	58.8%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - High Economic Case

Ft. Pierce

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	41,690	37,407	40,189	41,105	48,148	52,817	54,703	56,997	52,567	50,793	40,303	40,057	556,773	553,488
	2010	48,185	39,824	40,035	39,054	49,609	54,915	57,259	55,879	52,725	45,135	38,576	46,871	568,067	568,638
	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	53,358	42,709	42,265	577,442	572,718
Projected	2019	43,489	40,477	44,131	46,415	50,040	52,690	58,748	58,332	54,388	53,446	43,460	42,991	588,607	587,041
	2020	44,235	41,118	44,773	46,987	50,595	53,341	59,483	59,053	55,057	54,045	43,950	43,472	596,108	594,538
	2021	44,753	41,575	45,208	47,374	50,953	53,681	59,875	59,444	55,443	54,418	44,243	43,761	600,729	599,774
	2022	45,064	41,859	45,495	47,670	51,270	54,018	60,261	59,832	55,805	54,762	44,509	44,020	604,563	603,695
	2023	45,336	42,102	45,738	47,922	51,539	54,305	60,580	60,143	56,086	55,020	44,702	44,202	607,674	607,041
	2024	45,534	42,287	45,930	48,129	51,768	54,561	60,878	60,447	56,373	55,294	44,913	44,410	610,525	609,831
	2025	45,760	42,492	46,137	48,350	52,011	54,830	61,187	60,758	56,661	55,564	45,119	44,609	613,478	612,803
	2026	45,974	42,686	46,331	48,554	52,234	55,074	61,466	61,036	56,916	55,800	45,295	44,778	616,145	615,566
	2027	46,157	42,852	46,495	48,728	52,424	55,285	61,709	61,279	57,140	56,008	45,450	44,927	618,454	617,942
	2028	46,321	43,001	46,643	48,887	52,600	55,482	61,938	61,510	57,354	56,207	45,599	45,071	620,613	620,120
Projected	2029	46,477	43,140	46,778	49,029	52,753	55,650	62,130	61,700	57,526	56,362	45,711	45,176	622,431	622,059
	2030	46,596	43,250	46,888	49,150	52,890	55,808	62,317	61,893	57,708	56,534	45,840	45,302	624,178	623,752
	2031	46,735	43,375	47,007	49,276	53,030	55,964	62,498	62,074	57,874	56,683	45,948	45,405	625,868	625,508
	2032	46,850	43,479	47,107	49,384	53,149	56,101	62,659	62,237	58,024	56,821	46,048	45,501	627,359	627,025
	2033	46,957	43,575	47,198	49,481	53,257	56,224	62,803	62,382	58,157	56,941	46,133	45,581	628,689	628,404
	2034	47,049	43,657	47,275	49,565	53,351	56,333	62,931	62,513	58,279	57,050	46,211	45,656	629,870	629,608
	2035	47,136	43,737	47,351	49,649	53,448	56,447	63,069	62,656	58,413	57,174	46,301	45,744	631,125	630,822
	2036	47,233	43,820	47,424	49,724	53,528	56,536	63,169	62,751	58,494	57,240	46,342	45,777	632,037	631,898
	2037	47,276	43,860	47,461	49,767	53,580	56,601	63,251	62,838	58,577	57,315	46,394	45,828	632,749	632,570
	2038	47,334	43,910	47,501	49,810	53,627	56,656	63,315	62,901	58,631	57,359	46,419	45,848	633,312	633,225

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	7.5%	6.7%	7.2%	7.4%	8.6%	9.5%	9.8%	10.2%	9.4%	9.1%	7.2%	7.2%	100.0%
	2010	8.5%	7.0%	7.0%	6.9%	8.7%	9.7%	10.1%	9.8%	9.3%	7.9%	6.8%	8.3%	100.0%
	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%	7.5%	8.2%	9.1%	10.0%	10.1%	9.8%	9.2%	7.4%	7.3%	100.0%
Projected	2019	7.4%	6.9%	7.5%	7.9%	8.5%	9.0%	10.0%	9.9%	9.2%	9.1%	7.4%	7.3%	100.0%
	2020	7.4%	6.9%	7.5%	7.9%	8.5%	8.9%	10.0%	9.9%	9.2%	9.1%	7.4%	7.3%	100.0%
	2021	7.4%	6.9%	7.5%	7.9%	8.5%	8.9%	10.0%	9.9%	9.2%	9.1%	7.4%	7.3%	100.0%
	2022	7.5%	6.9%	7.5%	7.9%	8.5%	8.9%	10.0%	9.9%	9.2%	9.1%	7.4%	7.3%	100.0%
	2023	7.5%	6.9%	7.5%	7.9%	8.5%	8.9%	10.0%	9.9%	9.2%	9.1%	7.4%	7.3%	100.0%
	2024	7.5%	6.9%	7.5%	7.9%	8.5%	8.9%	10.0%	9.9%	9.2%	9.1%	7.4%	7.3%	100.0%
	2025	7.5%	6.9%	7.5%	7.9%	8.5%	8.9%	10.0%	9.9%	9.2%	9.1%	7.4%	7.3%	100.0%
	2026	7.5%	6.9%	7.5%	7.9%	8.5%	8.9%	10.0%	9.9%	9.2%	9.1%	7.4%	7.3%	100.0%
	2027	7.5%	6.9%	7.5%	7.9%	8.5%	8.9%	10.0%	9.9%	9.2%	9.1%	7.3%	7.3%	100.0%
	2028	7.5%	6.9%	7.5%	7.9%	8.5%	8.9%	10.0%	9.9%	9.2%	9.1%	7.3%	7.3%	100.0%
Avg.	2009-2018	7.4%	6.7%	7.3%	7.7%	8.8%	9.3%	10.0%	10.2%	9.3%	8.6%	7.2%	7.4%	100.0%
	2019-2028	7.4%	6.9%	7.5%	7.9%	8.5%	8.9%	10.0%	9.9%	9.2%	9.1%	7.4%	7.3%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - High Economic Case

Ft. Pierce

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	106.2	111.5	82.8	83.3	96.9	115.4	108.9	107.2	102.7	103.9	90.0	79.5	111.5	115.4
	2010	124.1	92.3	94.0	75.5	93.4	108.7	107.1	107.5	103.7	93.3	93.5	114.8	124.1	108.7
	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	99.7	91.5	82.0	101.0	111.6
Projected	2019	106.5	86.9	91.5	95.5	104.3	111.2	112.7	114.2	109.3	102.1	92.7	83.0	106.5	114.2
	2020	107.9	88.0	92.7	96.7	105.6	112.7	114.1	115.6	110.7	103.4	93.4	83.7	107.9	115.6
	2021	108.7	88.7	93.4	97.5	106.4	113.5	115.0	116.5	111.5	104.2	94.0	84.2	108.7	116.5
	2022	109.4	89.3	94.0	98.1	107.1	114.2	115.8	117.3	112.2	104.8	94.5	84.6	109.4	117.3
	2023	109.9	89.8	94.5	98.6	107.7	114.8	116.4	117.9	112.8	105.4	94.9	85.0	109.9	117.9
	2024	110.5	90.2	94.9	99.1	108.2	115.4	116.9	118.4	113.4	105.9	95.4	85.4	110.5	118.4
	2025	111.0	90.6	95.4	99.5	108.7	115.9	117.5	119.0	113.9	106.4	95.8	85.8	111.0	119.0
	2026	111.5	91.0	95.8	100.0	109.2	116.4	118.0	119.5	114.4	106.8	96.2	86.1	111.5	119.5
	2027	111.9	91.3	96.2	100.3	109.6	116.9	118.4	120.0	114.8	107.2	96.5	86.4	111.9	120.0
	2028	112.3	91.7	96.5	100.7	110.0	117.3	118.8	120.4	115.2	107.6	96.8	86.7	112.3	120.4
Projected	2029	112.6	91.9	96.8	101.0	110.3	117.6	119.2	120.7	115.6	107.9	97.1	86.9	112.6	120.7
	2030	112.9	92.2	97.1	101.3	110.6	118.0	119.5	121.1	115.9	108.2	97.3	87.2	112.9	121.1
	2031	113.2	92.4	97.3	101.5	110.9	118.3	119.8	121.4	116.2	108.5	97.6	87.4	113.2	121.4
	2032	113.5	92.7	97.6	101.8	111.2	118.6	120.1	121.7	116.5	108.8	97.8	87.6	113.5	121.7
	2033	113.8	92.9	97.8	102.0	111.4	118.8	120.4	122.0	116.7	109.0	98.0	87.7	113.8	122.0
	2034	114.0	93.0	98.0	102.2	111.6	119.0	120.6	122.2	116.9	109.2	98.2	87.9	114.0	122.2
	2035	114.2	93.2	98.2	102.4	111.8	119.3	120.8	122.4	117.2	109.4	98.3	88.0	114.2	122.4
	2036	114.4	93.4	98.3	102.5	112.0	119.4	121.0	122.6	117.3	109.6	98.4	88.1	114.4	122.6
	2037	114.5	93.5	98.4	102.7	112.1	119.6	121.2	122.7	117.5	109.7	98.5	88.2	114.5	122.7
	2038	114.6	93.5	98.5	102.8	112.2	119.7	121.3	122.9	117.6	109.8	98.6	88.3	114.6	122.9

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	52.8%	49.9%	65.2%	66.4%	73.9%	61.5%	69.8%	71.5%	71.1%	65.7%	60.2%	69.9%	57.0%	55.1%
	2010	52.2%	64.2%	57.3%	69.6%	79.0%	67.9%	74.3%	69.8%	70.6%	65.0%	55.5%	56.7%	52.3%	59.7%
	2011	54.4%	73.1%	64.5%	63.9%	76.4%	66.7%	73.9%	72.0%	70.8%	64.3%	63.6%	78.9%	54.1%	59.5%
	2012	55.8%	62.8%	73.5%	62.1%	72.9%	66.8%	73.7%	69.7%	71.3%	64.4%	71.4%	71.6%	63.2%	59.3%
	2013	73.0%	66.0%	61.3%	67.9%	76.0%	67.4%	70.2%	72.1%	68.2%	67.1%	64.7%	71.5%	70.9%	59.2%
	2014	62.2%	71.4%	71.8%	62.9%	78.0%	66.7%	70.2%	71.6%	68.3%	65.2%	59.6%	76.2%	69.2%	58.5%
	2015	73.2%	53.0%	68.9%	63.5%	76.4%	69.5%	72.4%	69.6%	68.7%	68.1%	63.5%	72.2%	64.4%	61.2%
	2016	62.4%	58.9%	64.4%	63.9%	72.8%	67.6%	76.2%	72.0%	72.1%	65.2%	63.5%	67.8%	67.2%	58.7%
	2017	66.3%	69.2%	63.5%	63.0%	73.6%	66.7%	74.4%	71.5%	66.8%	67.8%	64.8%	70.0%	73.9%	58.5%
	2018	57.4%	71.0%	61.5%	63.7%	77.3%	65.4%	71.9%	70.7%	72.1%	71.9%	62.7%	71.6%	65.3%	59.1%
Projected	2019	54.9%	69.3%	64.8%	65.3%	71.4%	63.7%	72.4%	68.7%	69.1%	70.4%	63.0%	71.9%	63.1%	58.8%
	2020	55.1%	67.1%	64.9%	65.3%	71.3%	63.6%	72.4%	68.6%	69.1%	70.3%	63.2%	72.2%	63.1%	58.8%
	2021	55.3%	69.7%	65.0%	65.3%	71.2%	63.6%	72.3%	68.6%	69.0%	70.2%	63.2%	72.2%	63.1%	58.8%
	2022	55.4%	69.8%	65.0%	65.3%	71.2%	63.5%	72.3%	68.6%	69.1%	70.2%	63.3%	72.2%	63.1%	58.8%
	2023	55.4%	69.8%	65.0%	65.3%	71.2%	63.6%	72.3%	68.6%	69.0%	70.2%	63.3%	72.2%	63.1%	58.8%
	2024	55.4%	67.4%	65.0%	65.3%	71.2%	63.6%	72.3%	68.6%	69.1%	70.2%	63.3%	72.2%	63.1%	58.8%
	2025	55.4%	69.8%	65.0%	65.3%	71.2%	63.6%	72.3%	68.6%	69.1%	70.2%	63.3%	72.2%	63.1%	58.8%
	2026	55.4%	69.8%	65.0%	65.3%	71.2%	63.6%	72.4%	68.6%	69.1%	70.2%	63.3%	72.2%	63.1%	58.8%
	2027	55.4%	69.8%	65.0%	65.3%	71.2%	63.6%	72.4%	68.7%	69.1%	70.2%	63.3%	72.2%	63.1%	58.8%
	2028	55.4%	67.4%	65.0%	65.3%	71.2%	63.6%	72.4%	68.7%	69.1%	70.2%	63.3%	72.2%	63.1%	58.8%
Avg.	2009-2018	61.0%	64.0%	65.2%	64.7%	75.6%	66.6%	72.7%	71.0%	70.0%	66.5%	62.9%	70.6%	63.7%	58.9%
	2019-2028	55.3%	69.0%	65.0%	65.3%	71.2%	63.6%	72.3%	68.6%	69.1%	70.2%	63.3%	72.2%	63.1%	58.8%

FMPA 2019 Load Forecast - High Economic Case

Ft. Pierce

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	106.2	111.5	82.8	75.1	95.2	115.3	102.7	103.5	100.2	103.0	80.4	69.6	111.5	115.3
	2010	124.1	90.8	94.0	71.3	92.3	108.7	101.8	106.4	99.5	92.5	78.7	114.8	124.1	108.7
	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	97.0	83.2	77.3	92.9	111.2
Projected	2019	99.2	84.7	87.6	91.1	101.1	108.5	107.9	111.3	106.2	99.3	84.2	78.3	99.2	111.3
	2020	100.5	85.8	88.7	92.3	102.4	109.8	109.3	112.7	107.6	100.5	84.9	78.9	100.5	112.7
	2021	101.2	86.5	89.4	93.0	103.2	110.7	110.1	113.6	108.4	101.3	85.4	79.4	101.2	113.6
	2022	101.9	87.0	90.0	93.6	103.8	111.4	110.8	114.3	109.1	101.9	85.9	79.8	101.9	114.3
	2023	102.4	87.5	90.5	94.1	104.4	112.0	111.4	114.9	109.7	102.5	86.3	80.2	102.4	114.9
	2024	102.9	87.9	90.9	94.5	104.9	112.5	111.9	115.4	110.2	103.0	86.7	80.6	102.9	115.4
	2025	103.4	88.3	91.3	95.0	105.4	113.0	112.5	116.0	110.7	103.4	87.1	80.9	103.4	116.0
	2026	103.8	88.7	91.7	95.4	105.8	113.5	113.0	116.5	111.2	103.9	87.4	81.2	103.8	116.5
	2027	104.2	89.0	92.1	95.7	106.2	114.0	113.4	116.9	111.6	104.3	87.7	81.5	104.2	116.9
	2028	104.6	89.3	92.4	96.1	106.6	114.4	113.8	117.3	112.0	104.7	88.0	81.8	104.6	117.3
Projected	2029	104.9	89.6	92.7	96.3	106.9	114.7	114.1	117.7	112.4	105.0	88.2	82.0	104.9	117.7
	2030	105.2	89.9	92.9	96.6	107.2	115.0	114.4	118.0	112.7	105.3	88.5	82.2	105.2	118.0
	2031	105.5	90.1	93.2	96.9	107.5	115.3	114.7	118.3	113.0	105.5	88.7	82.4	105.5	118.3
	2032	105.7	90.3	93.4	97.1	107.7	115.6	115.0	118.6	113.2	105.8	88.9	82.6	105.7	118.6
	2033	106.0	90.5	93.6	97.3	108.0	115.8	115.3	118.9	113.5	106.0	89.0	82.7	106.0	118.9
	2034	106.2	90.7	93.8	97.5	108.2	116.1	115.5	119.1	113.7	106.2	89.2	82.9	106.2	119.1
	2035	106.4	90.9	94.0	97.7	108.4	116.3	115.7	119.3	113.9	106.4	89.3	83.0	106.4	119.3
	2036	106.5	91.0	94.1	97.8	108.5	116.5	115.9	119.5	114.1	106.6	89.4	83.1	106.5	119.5
	2037	106.6	91.1	94.2	97.9	108.7	116.6	116.0	119.6	114.2	106.7	89.5	83.2	106.6	119.6
	2038	106.7	91.2	94.3	98.0	108.8	116.7	116.1	119.7	114.3	106.8	89.6	83.3	106.7	119.7

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	100.0%	100.0%	100.0%	90.2%	98.3%	99.9%	94.3%	96.5%	97.5%	99.1%	89.4%	87.5%	100.0%	99.9%
	2010	100.0%	98.4%	100.0%	94.4%	98.8%	100.0%	95.1%	98.9%	96.0%	99.1%	84.2%	100.0%	100.0%	100.0%
	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%	97.3%	90.9%	94.3%	92.0%	99.7%
Projected	2019	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2020	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2021	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2022	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2023	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2024	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2025	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2026	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2027	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2028	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2009-2018	93.1%	98.3%	95.9%	95.2%	96.5%	97.1%	95.5%	97.3%	96.8%	97.2%	91.0%	93.7%	98.7%	97.9%
	2019-2028	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%

FMPA 2019 Load Forecast - High Economic Case - Ft Pierce

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	209,719		23,328		8,990		327,259		5,085		64.4		5,992		5,717		548,687		4,801	0.9%	553,488	
	2010	226,860	8.2%	22,828	-2.1%	9,938	10.5%	308,544	-5.7%	5,031	-1.0%	61.3	-4.7%	5,980	-0.2%	5,762	0.8%	547,146	-0.3%	21,492	3.8%	568,638	2.7%
	2011	216,942	-4.4%	22,733	-0.4%	9,543	-4.0%	301,655	-2.2%	5,018	-0.3%	60.1	-2.0%	5,989	0.2%	5,860	1.7%	530,446	-3.1%	21,981	4.0%	552,427	-2.9%
	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	233,076	-1.0%	23,183	-0.1%	10,054	-0.9%	300,684	-2.6%	5,081	0.0%	59.2	-2.6%	6,227	0.0%	3,910	0.3%	543,897	-1.9%	28,821	5.0%	572,718	0.5%
Projected	2019	233,234	0.1%	23,353	0.7%	9,987	-0.7%	319,366	6.2%	5,132	1.0%	62.2	5.1%	6,227	0.0%	3,910	0.0%	562,737	3.5%	24,304	4.1%	587,041	2.5%
	2020	237,412	1.8%	23,591	1.0%	10,064	0.8%	322,390	0.9%	5,177	0.9%	62.3	0.1%	6,227	0.0%	3,910	0.0%	569,939	1.3%	24,599	4.1%	594,538	1.3%
	2021	241,135	1.6%	23,772	0.8%	10,144	0.8%	323,705	0.4%	5,205	0.6%	62.2	-0.1%	6,227	0.0%	3,910	0.0%	574,977	0.9%	24,797	4.1%	599,774	0.9%
	2022	244,147	1.2%	23,941	0.7%	10,198	0.5%	324,457	0.2%	5,230	0.5%	62.0	-0.2%	6,227	0.0%	3,910	0.0%	578,741	0.7%	24,955	4.1%	603,695	0.7%
	2023	246,770	1.1%	24,099	0.7%	10,240	0.4%	325,044	0.2%	5,253	0.4%	61.9	-0.3%	6,227	0.0%	3,910	0.0%	581,951	0.6%	25,089	4.1%	607,041	0.6%
	2024	249,021	0.9%	24,248	0.6%	10,270	0.3%	325,472	0.1%	5,274	0.4%	61.7	-0.3%	6,227	0.0%	3,910	0.0%	584,629	0.5%	25,202	4.1%	609,831	0.5%
	2025	251,584	1.0%	24,392	0.6%	10,314	0.4%	325,759	0.1%	5,293	0.4%	61.5	-0.3%	6,227	0.0%	3,910	0.0%	587,480	0.5%	25,323	4.1%	612,803	0.5%
	2026	254,068	1.0%	24,529	0.6%	10,358	0.4%	325,926	0.1%	5,311	0.3%	61.4	-0.3%	6,227	0.0%	3,910	0.0%	590,132	0.5%	25,434	4.1%	615,566	0.5%
	2027	256,307	0.9%	24,659	0.5%	10,394	0.3%	325,969	0.0%	5,327	0.3%	61.2	-0.3%	6,227	0.0%	3,910	0.0%	592,413	0.4%	25,529	4.1%	617,942	0.4%
	2028	258,435	0.8%	24,786	0.5%	10,427	0.3%	325,931	0.0%	5,342	0.3%	61.0	-0.3%	6,227	0.0%	3,910	0.0%	594,504	0.4%	25,616	4.1%	620,120	0.4%
	2029	260,409	0.8%	24,910	0.5%	10,454	0.3%	325,819	0.0%	5,357	0.3%	60.8	-0.3%	6,227	0.0%	3,910	0.0%	596,366	0.3%	25,693	4.1%	622,059	0.3%
	2030	262,225	0.7%	25,029	0.5%	10,477	0.2%	325,628	-0.1%	5,370	0.2%	60.6	-0.3%	6,227	0.0%	3,910	0.0%	597,990	0.3%	25,761	4.1%	623,752	0.3%
	2031	264,181	0.7%	25,145	0.5%	10,506	0.3%	325,359	-0.1%	5,382	0.2%	60.5	-0.3%	6,227	0.0%	3,910	0.0%	599,677	0.3%	25,831	4.1%	625,508	0.3%
	2032	265,968	0.7%	25,256	0.4%	10,531	0.2%	325,028	-0.1%	5,393	0.2%	60.3	-0.3%	6,227	0.0%	3,910	0.0%	601,134	0.2%	25,892	4.1%	627,025	0.2%
	2033	267,671	0.6%	25,364	0.4%	10,553	0.2%	324,650	-0.1%	5,404	0.2%	60.1	-0.3%	6,227	0.0%	3,910	0.0%	602,458	0.2%	25,946	4.1%	628,404	0.2%
	2034	269,246	0.6%	25,471	0.4%	10,571	0.2%	324,232	-0.1%	5,414	0.2%	59.9	-0.3%	6,227	0.0%	3,910	0.0%	603,615	0.2%	25,994	4.1%	629,608	0.2%
	2035	270,856	0.6%	25,576	0.4%	10,590	0.2%	323,787	-0.1%	5,424	0.2%	59.7	-0.3%	6,227	0.0%	3,910	0.0%	604,780	0.2%	26,042	4.1%	630,822	0.2%
	2036	272,362	0.6%	25,679	0.4%	10,607	0.2%	323,315	-0.1%	5,433	0.2%	59.5	-0.3%	6,227	0.0%	3,910	0.0%	605,814	0.2%	26,084	4.1%	631,898	0.2%
	2037	273,529	0.4%	25,779	0.4%	10,611	0.0%	322,794	-0.2%	5,442	0.2%	59.3	-0.3%	6,227	0.0%	3,910	0.0%	606,460	0.1%	26,110	4.1%	632,570	0.1%
	2038	274,727	0.4%	25,881	0.4%	10,615	0.0%	322,226	-0.2%	5,450	0.1%	59.1	-0.3%	6,227	0.0%	3,910	0.0%	607,090	0.1%	26,135	4.1%	633,225	0.1%
CAGR	2009-2018		1.2%		-0.1%		1.3%		-0.9%		0.0%		-0.9%		0.4%		-4.1%		-0.1%		3.6%		0.4%
	2019-2028		1.1%		0.7%		0.5%		0.2%		0.4%		-0.2%		0.0%		0.0%		0.6%		4.1%		0.6%
	2029-2038		0.6%		0.4%		0.2%		-0.1%		0.2%		-0.3%		0.0%		0.0%		0.2%		4.1%		0.2%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - Mild Weather Case

Ft. Pierce

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	553,488	-	549,693	-	-0.7%	111.5	-	96.9	-	-13.0%	115.3	-	107.6		-6.6%
	2010	568,638	2.7%	542,198	-1.4%	-4.6%	124.1	11.3%	108.9	12.4%	-12.2%	108.7	-5.7%	106.9	-0.7%	-1.6%
	2011	552,427	-2.9%	547,601	1.0%	-0.9%	114.8	-7.5%	107.0	-1.8%	-6.8%	99.6	-8.4%	99.3	-7.1%	-0.3%
	2012	537,115	-2.8%	542,680	-0.9%	1.0%	97.0	-15.5%	103.3	-3.4%	6.5%	97.0	-2.6%	109.7	10.5%	13.1%
	2013	532,037	-0.9%	536,703	-1.1%	0.9%	86.7	-10.7%	82.1	-20.6%	-5.3%	100.9	4.0%	106.4	-3.0%	5.5%
	2014	544,750	2.4%	544,110	1.4%	-0.1%	89.2	2.9%	110.9	35.1%	24.3%	103.2	2.4%	101.8	-4.3%	-1.4%
	2015	559,062	2.6%	549,646	1.0%	-1.7%	101.8	14.2%	79.7	-28.2%	-21.8%	103.4	0.2%	99.3	-2.4%	-3.9%
	2016	583,151	4.3%	572,544	4.2%	-1.8%	96.1	-5.6%	97.1	21.8%	1.0%	109.8	6.2%	107.0	7.7%	-2.6%
	2017	569,635	-2.3%	560,244	-2.1%	-1.6%	85.4	-11.1%	86.1	-11.3%	0.7%	111.8	1.8%	120.0	12.2%	7.3%
	2018	572,718	0.5%	568,152	1.4%	-0.8%	92.9	8.8%	88.5	2.9%	-4.7%	111.2	-0.6%	117.8	-1.8%	6.0%
Projected	2019	577,014	0.8%	577,014	1.6%		97.2	4.6%	97.2	9.8%		109.0	-1.9%	109.0	-7.5%	
	2020			578,554	0.3%				97.6	0.4%				109.5	0.4%	
	2021			580,409	0.3%				97.9	0.3%				109.8	0.3%	
	2022			582,031	0.3%				98.2	0.3%				110.1	0.3%	
	2023			583,480	0.2%				98.4	0.2%				110.4	0.2%	
	2024			584,662	0.2%				98.6	0.2%				110.6	0.2%	
	2025			586,144	0.3%				98.9	0.3%				110.9	0.3%	
	2026			587,538	0.2%				99.1	0.2%				111.1	0.2%	
	2027			588,669	0.2%				99.3	0.2%				111.3	0.2%	
	2028			589,687	0.2%				99.4	0.2%				111.5	0.2%	
	2029			590,546	0.1%				99.6	0.1%				111.7	0.1%	
	2030			591,237	0.1%				99.7	0.1%				111.8	0.1%	
	2031			592,003	0.1%				99.8	0.1%				112.0	0.1%	
	2032			592,587	0.1%				99.9	0.1%				112.1	0.1%	
	2033			593,077	0.1%				100.0	0.1%				112.2	0.1%	
	2034			593,437	0.1%				100.0	0.1%				112.2	0.1%	
	2035			593,829	0.1%				100.1	0.1%				112.3	0.1%	
	2036			594,126	0.1%				100.1	0.0%				112.3	0.0%	
	2037			594,100	0.0%				100.1	0.0%				112.3	0.0%	
	2038			594,062	0.0%				100.1	0.0%				112.3	0.0%	
CAGR [3]	2009-2018		0.4%		0.4%			-2.0%		-1.0%			-0.4%		1.0%	
	2019-2028				0.2%					0.3%					0.3%	
	2029-2038				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 2019 Load Forecast - Mild Weather Case

Ft. Pierce

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	553,488	-	549,693	-	-0.7%	111.5	-	56.7%	115.4	-	54.8%
	2010	568,638	2.7%	542,198	-1.4%	-4.6%	124.1	11.3%	52.3%	108.7	-5.8%	59.7%
	2011	552,427	-2.9%	547,601	1.0%	-0.9%	114.8	-7.5%	54.9%	104.3	-4.1%	60.5%
	2012	537,115	-2.8%	542,680	-0.9%	1.0%	97.0	-15.5%	63.2%	103.3	-0.9%	59.3%
	2013	532,037	-0.9%	536,703	-1.1%	0.9%	86.7	-10.7%	70.1%	103.7	0.4%	58.6%
	2014	544,750	2.4%	544,110	1.4%	-0.1%	89.2	2.9%	69.7%	105.5	1.8%	58.9%
	2015	559,062	2.6%	549,646	1.0%	-1.7%	101.8	14.2%	62.7%	107.2	1.6%	59.6%
	2016	583,151	4.3%	572,544	4.2%	-1.8%	97.7	-4.1%	68.2%	111.7	4.3%	59.6%
	2017	569,635	-2.3%	560,244	-2.1%	-1.6%	88.5	-9.4%	73.5%	111.8	0.1%	58.1%
	2018	572,718	0.5%	568,152	1.4%	-0.8%	101.0	14.1%	64.8%	111.6	-0.3%	58.6%
Projected	2019	577,014	0.8%	577,014	1.6%		104.4	3.4%	63.1%	111.9	0.3%	58.9%
	2020	578,554	0.3%	578,554	0.3%		104.8	0.4%	63.0%	112.4	0.4%	58.8%
	2021	580,409	0.3%	580,409	0.3%		105.1	0.3%	63.0%	112.7	0.3%	58.8%
	2022	582,031	0.3%	582,031	0.3%		105.4	0.3%	63.0%	113.0	0.3%	58.8%
	2023	583,480	0.2%	583,480	0.2%		105.6	0.2%	63.1%	113.2	0.2%	58.8%
	2024	584,662	0.2%	584,662	0.2%		105.9	0.2%	63.1%	113.5	0.2%	58.8%
	2025	586,144	0.3%	586,144	0.3%		106.1	0.3%	63.0%	113.8	0.3%	58.8%
	2026	587,538	0.2%	587,538	0.2%		106.4	0.2%	63.1%	114.0	0.2%	58.8%
	2027	588,669	0.2%	588,669	0.2%		106.6	0.2%	63.1%	114.3	0.2%	58.8%
	2028	589,687	0.2%	589,687	0.2%		106.7	0.2%	63.1%	114.4	0.2%	58.8%
	2029	590,546	0.1%	590,546	0.1%		106.9	0.1%	63.1%	114.6	0.1%	58.8%
	2030	591,237	0.1%	591,237	0.1%		107.0	0.1%	63.1%	114.7	0.1%	58.8%
	2031	592,003	0.1%	592,003	0.1%		107.1	0.1%	63.1%	114.9	0.1%	58.8%
	2032	592,587	0.1%	592,587	0.1%		107.3	0.1%	63.1%	115.0	0.1%	58.8%
	2033	593,077	0.1%	593,077	0.1%		107.3	0.1%	63.1%	115.1	0.1%	58.8%
	2034	593,437	0.1%	593,437	0.1%		107.4	0.1%	63.1%	115.1	0.1%	58.8%
	2035	593,829	0.1%	593,829	0.1%		107.5	0.1%	63.1%	115.2	0.1%	58.8%
	2036	594,126	0.1%	594,126	0.1%		107.5	0.0%	63.1%	115.3	0.0%	58.8%
	2037	594,100	0.0%	594,100	0.0%		107.5	0.0%	63.1%	115.3	0.0%	58.8%
	2038	594,062	0.0%	594,062	0.0%		107.5	0.0%	63.1%	115.2	0.0%	58.8%
CAGR [1]	2009-2018		0.4%		0.4%			-1.1%	63.6%		-0.4%	58.8%
	2019-2028		0.2%		0.2%			0.3%	63.1%		0.3%	58.8%
	2029-2038		0.1%		0.1%			0.1%	63.1%		0.1%	58.8%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Mild Weather Case

Ft. Pierce

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	41,690	37,407	40,189	41,105	48,148	52,817	54,703	56,997	52,567	50,793	40,303	40,057	556,773	553,488
	2010	48,185	39,824	40,035	39,054	49,609	54,915	57,259	55,879	52,725	45,135	38,576	46,871	568,067	568,638
	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	53,358	42,709	41,827	577,004	572,718
Projected	2019	42,081	39,052	43,395	46,291	49,869	51,967	57,135	56,583	52,747	52,383	43,092	42,152	576,747	577,014
	2020	42,405	39,303	43,626	46,432	49,964	52,130	57,331	56,783	52,951	52,563	43,276	42,356	579,122	578,554
	2021	42,639	39,510	43,816	46,574	50,066	52,204	57,431	56,892	53,082	52,700	43,392	42,474	580,780	580,409
	2022	42,767	39,628	43,937	46,701	50,201	52,344	57,592	57,056	53,240	52,854	43,514	42,592	582,425	582,031
	2023	42,885	39,732	44,043	46,813	50,318	52,467	57,725	57,184	53,353	52,956	43,588	42,660	583,724	583,480
	2024	42,961	39,804	44,121	46,900	50,418	52,581	57,860	57,325	53,487	53,088	43,693	42,762	585,001	584,662
	2025	43,067	39,901	44,223	47,013	50,543	52,719	58,018	57,483	53,635	53,229	43,801	42,863	586,493	586,144
	2026	43,171	39,994	44,319	47,118	50,658	52,844	58,158	57,622	53,762	53,346	43,887	42,943	587,822	587,538
	2027	43,254	40,068	44,394	47,202	50,749	52,945	58,274	57,738	53,868	53,444	43,960	43,011	588,909	588,669
	2028	43,327	40,133	44,461	47,277	50,833	53,039	58,383	57,849	53,971	53,540	44,032	43,078	589,922	589,687
Projected	2029	43,395	40,193	44,519	47,340	50,901	53,113	58,465	57,929	54,042	53,602	44,074	43,114	590,687	590,546
	2030	43,438	40,233	44,560	47,388	50,958	53,181	58,548	58,016	54,125	53,681	44,134	43,171	591,431	591,237
	2031	43,496	40,284	44,609	47,444	51,019	53,250	58,626	58,094	54,196	53,743	44,176	43,208	592,145	592,003
	2032	43,537	40,319	44,643	47,484	51,065	53,304	58,691	58,160	54,256	53,798	44,214	43,242	592,713	592,587
	2033	43,574	40,351	44,672	47,517	51,102	53,348	58,743	58,213	54,304	53,838	44,240	43,263	593,165	593,077
	2034	43,598	40,372	44,690	47,540	51,129	53,382	58,785	58,256	54,343	53,872	44,261	43,281	593,510	593,437
	2035	43,621	40,392	44,709	47,565	51,161	53,423	58,836	58,311	54,396	53,920	44,296	43,313	593,943	593,829
	2036	43,652	40,416	44,727	47,585	51,180	53,444	58,858	58,329	54,407	53,921	44,287	43,299	594,105	594,126
	2037	43,645	40,410	44,716	47,577	51,175	53,445	58,866	58,341	54,419	53,930	44,289	43,301	594,112	594,100
	2038	43,648	40,410	44,709	47,569	51,166	53,439	58,860	58,333	54,409	53,913	44,268	43,277	594,000	594,062

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	7.5%	6.7%	7.2%	7.4%	8.6%	9.5%	9.8%	10.2%	9.4%	9.1%	7.2%	7.2%	100.0%
	2010	8.5%	7.0%	7.0%	6.9%	8.7%	9.7%	10.1%	9.8%	9.3%	7.9%	6.8%	8.3%	100.0%
	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%	7.5%	8.2%	9.1%	10.0%	10.1%	9.8%	9.2%	7.4%	7.2%	100.0%
Projected	2019	7.3%	6.8%	7.5%	8.0%	8.6%	9.0%	9.9%	9.8%	9.1%	9.1%	7.5%	7.3%	100.0%
	2020	7.3%	6.8%	7.5%	8.0%	8.6%	9.0%	9.9%	9.8%	9.1%	9.1%	7.5%	7.3%	100.0%
	2021	7.3%	6.8%	7.5%	8.0%	8.6%	9.0%	9.9%	9.8%	9.1%	9.1%	7.5%	7.3%	100.0%
	2022	7.3%	6.8%	7.5%	8.0%	8.6%	9.0%	9.9%	9.8%	9.1%	9.1%	7.5%	7.3%	100.0%
	2023	7.3%	6.8%	7.5%	8.0%	8.6%	9.0%	9.9%	9.8%	9.1%	9.1%	7.5%	7.3%	100.0%
	2024	7.3%	6.8%	7.5%	8.0%	8.6%	9.0%	9.9%	9.8%	9.1%	9.1%	7.5%	7.3%	100.0%
	2025	7.3%	6.8%	7.5%	8.0%	8.6%	9.0%	9.9%	9.8%	9.1%	9.1%	7.5%	7.3%	100.0%
	2026	7.3%	6.8%	7.5%	8.0%	8.6%	9.0%	9.9%	9.8%	9.1%	9.1%	7.5%	7.3%	100.0%
	2027	7.3%	6.8%	7.5%	8.0%	8.6%	9.0%	9.9%	9.8%	9.1%	9.1%	7.5%	7.3%	100.0%
	2028	7.3%	6.8%	7.5%	8.0%	8.6%	9.0%	9.9%	9.8%	9.1%	9.1%	7.5%	7.3%	100.0%
Avg.	2009-2018	7.4%	6.7%	7.3%	7.7%	8.8%	9.3%	10.0%	10.2%	9.3%	8.6%	7.2%	7.4%	100.0%
	2019-2028	7.3%	6.8%	7.5%	8.0%	8.6%	9.0%	9.9%	9.8%	9.1%	9.1%	7.5%	7.3%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Mild Weather Case

Ft. Pierce

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	106.2	111.5	82.8	83.3	96.9	115.4	108.9	107.2	102.7	103.9	90.0	79.5	111.5	115.4
	2010	124.1	92.3	94.0	75.5	93.4	108.7	107.1	107.5	103.7	93.3	93.5	114.8	124.1	108.7
	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	99.7	89.7	80.3	101.0	111.6
Projected	2019	104.4	85.2	89.7	93.6	102.2	109.0	110.4	111.9	107.1	100.0	90.1	80.7	104.4	111.9
	2020	104.8	85.5	90.1	94.0	102.6	109.5	110.9	112.4	107.5	100.4	90.3	80.9	104.8	112.4
	2021	105.1	85.8	90.3	94.2	102.9	109.8	111.2	112.7	107.8	100.7	90.6	81.1	105.1	112.7
	2022	105.4	86.0	90.6	94.5	103.2	110.1	111.5	113.0	108.1	101.0	90.8	81.3	105.4	113.0
	2023	105.6	86.2	90.8	94.7	103.4	110.3	111.8	113.2	108.4	101.2	91.0	81.5	105.6	113.2
	2024	105.9	86.4	91.0	94.9	103.7	110.6	112.0	113.5	108.6	101.4	91.2	81.7	105.9	113.5
	2025	106.1	86.6	91.2	95.2	103.9	110.8	112.3	113.8	108.9	101.7	91.4	81.9	106.1	113.8
	2026	106.4	86.8	91.4	95.4	104.2	111.1	112.6	114.0	109.1	101.9	91.6	82.0	106.4	114.0
	2027	106.6	87.0	91.6	95.6	104.4	111.3	112.8	114.3	109.3	102.1	91.8	82.2	106.6	114.3
	2028	106.7	87.1	91.8	95.7	104.5	111.5	113.0	114.4	109.5	102.3	91.9	82.3	106.7	114.4
Projected	2029	106.9	87.3	91.9	95.8	104.7	111.6	113.1	114.6	109.7	102.4	92.0	82.4	106.9	114.6
	2030	107.0	87.4	92.0	96.0	104.8	111.8	113.3	114.7	109.8	102.6	92.1	82.5	107.0	114.7
	2031	107.1	87.5	92.1	96.1	104.9	111.9	113.4	114.9	109.9	102.7	92.2	82.6	107.1	114.9
	2032	107.3	87.6	92.2	96.2	105.0	112.0	113.5	115.0	110.1	102.8	92.3	82.6	107.3	115.0
	2033	107.3	87.6	92.3	96.2	105.1	112.1	113.6	115.1	110.1	102.9	92.3	82.7	107.3	115.1
	2034	107.4	87.7	92.3	96.3	105.2	112.2	113.7	115.1	110.2	102.9	92.4	82.7	107.4	115.1
	2035	107.5	87.7	92.4	96.4	105.2	112.3	113.7	115.2	110.3	103.0	92.4	82.8	107.5	115.2
	2036	107.5	87.8	92.4	96.4	105.3	112.3	113.8	115.3	110.3	103.0	92.4	82.8	107.5	115.3
	2037	107.5	87.8	92.4	96.4	105.3	112.3	113.8	115.3	110.3	103.0	92.4	82.7	107.5	115.3
	2038	107.5	87.7	92.4	96.4	105.3	112.3	113.7	115.2	110.3	103.0	92.4	82.7	107.5	115.2

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	52.8%	49.9%	65.2%	66.4%	73.9%	61.5%	69.8%	71.5%	71.1%	65.7%	60.2%	69.9%	57.0%	55.1%
	2010	52.2%	64.2%	57.3%	69.6%	79.0%	67.9%	74.3%	69.8%	70.6%	65.0%	55.5%	56.7%	52.3%	59.7%
	2011	54.4%	73.1%	64.5%	63.9%	76.4%	66.7%	73.9%	72.0%	70.8%	64.3%	63.6%	78.9%	54.1%	59.5%
	2012	55.8%	62.8%	73.5%	62.1%	72.9%	66.8%	73.7%	69.7%	71.3%	64.4%	71.4%	71.6%	63.2%	59.3%
	2013	73.0%	66.0%	61.3%	67.9%	76.0%	67.4%	70.2%	72.1%	68.2%	67.1%	64.7%	71.5%	70.9%	59.2%
	2014	62.2%	71.4%	71.8%	62.9%	78.0%	66.7%	70.2%	71.6%	68.3%	65.2%	59.6%	76.2%	69.2%	58.5%
	2015	73.2%	53.0%	68.9%	63.5%	76.4%	69.5%	72.4%	69.6%	68.7%	68.1%	63.5%	72.2%	64.4%	61.2%
	2016	62.4%	58.9%	64.4%	63.9%	72.8%	67.6%	76.2%	72.0%	72.1%	65.2%	63.5%	67.8%	67.2%	58.7%
	2017	66.3%	69.2%	63.5%	63.0%	73.6%	66.7%	74.4%	71.5%	66.8%	67.8%	64.8%	70.0%	73.9%	58.5%
	2018	57.4%	71.0%	61.5%	63.7%	77.3%	65.4%	71.9%	70.7%	72.1%	71.9%	64.0%	72.3%	65.2%	59.0%
Projected	2019	54.2%	68.2%	65.0%	66.5%	72.6%	64.1%	71.8%	68.0%	68.4%	70.4%	64.3%	72.6%	63.1%	58.8%
	2020	54.4%	66.0%	65.1%	66.4%	72.5%	64.0%	71.8%	67.9%	68.4%	70.4%	64.4%	72.7%	63.1%	58.8%
	2021	54.5%	68.5%	65.2%	66.4%	72.4%	63.9%	71.7%	67.9%	68.4%	70.3%	64.4%	72.7%	63.1%	58.8%
	2022	54.5%	68.5%	65.2%	66.4%	72.4%	63.9%	71.7%	67.9%	68.4%	70.3%	64.4%	72.8%	63.1%	58.8%
	2023	54.6%	68.6%	65.2%	66.4%	72.4%	63.9%	71.7%	67.9%	68.4%	70.3%	64.4%	72.7%	63.1%	58.8%
	2024	54.5%	66.2%	65.2%	66.4%	72.4%	63.9%	71.7%	67.9%	68.4%	70.3%	64.4%	72.7%	63.1%	58.8%
	2025	54.5%	68.5%	65.2%	66.4%	72.4%	63.9%	71.7%	67.9%	68.4%	70.4%	64.4%	72.7%	63.1%	58.8%
	2026	54.6%	68.5%	65.2%	66.4%	72.4%	63.9%	71.8%	67.9%	68.4%	70.3%	64.4%	72.7%	63.1%	58.8%
	2027	54.6%	68.5%	65.1%	66.4%	72.4%	63.9%	71.8%	67.9%	68.4%	70.3%	64.4%	72.7%	63.1%	58.8%
	2028	54.6%	66.2%	65.1%	66.4%	72.4%	63.9%	71.8%	67.9%	68.4%	70.4%	64.4%	72.7%	63.1%	58.8%
Avg.	2009-2018	61.0%	64.0%	65.2%	64.7%	75.6%	66.6%	72.7%	71.0%	70.0%	66.5%	63.1%	70.7%	63.7%	58.9%
	2019-2028	54.5%	67.8%	65.1%	66.4%	72.4%	64.0%	71.8%	67.9%	68.4%	70.4%	64.4%	72.7%	63.1%	58.8%

FMPA 2019 Load Forecast - Mild Weather Case

Ft. Pierce

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	106.2	111.5	82.8	75.1	95.2	115.3	102.7	103.5	100.2	103.0	80.4	69.6	111.5	115.3
	2010	124.1	90.8	94.0	71.3	92.3	108.7	101.8	106.4	99.5	92.5	78.7	114.8	124.1	108.7
	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	97.0	81.5	75.8	92.9	111.2
Projected	2019	97.2	83.0	85.9	89.3	99.1	106.3	105.7	109.0	104.1	97.3	81.9	76.1	97.2	109.0
	2020	97.6	83.4	86.2	89.6	99.5	106.7	106.2	109.5	104.5	97.7	82.1	76.3	97.6	109.5
	2021	97.9	83.6	86.5	89.9	99.8	107.0	106.5	109.8	104.8	97.9	82.3	76.5	97.9	109.8
	2022	98.2	83.9	86.7	90.2	100.0	107.3	106.8	110.1	105.1	98.2	82.5	76.7	98.2	110.1
	2023	98.4	84.0	86.9	90.4	100.3	107.6	107.0	110.4	105.4	98.4	82.7	76.9	98.4	110.4
	2024	98.6	84.2	87.1	90.6	100.5	107.8	107.3	110.6	105.6	98.7	82.9	77.0	98.6	110.6
	2025	98.9	84.4	87.3	90.8	100.7	108.1	107.5	110.9	105.9	98.9	83.1	77.2	98.9	110.9
	2026	99.1	84.6	87.5	91.0	101.0	108.3	107.8	111.1	106.1	99.1	83.2	77.4	99.1	111.1
	2027	99.3	84.8	87.7	91.2	101.1	108.5	108.0	111.3	106.3	99.3	83.4	77.5	99.3	111.3
	2028	99.4	84.9	87.8	91.3	101.3	108.7	108.2	111.5	106.5	99.5	83.5	77.6	99.4	111.5
Projected	2029	99.6	85.0	87.9	91.4	101.5	108.9	108.3	111.7	106.6	99.6	83.6	77.7	99.6	111.7
	2030	99.7	85.2	88.1	91.5	101.6	109.0	108.4	111.8	106.8	99.7	83.7	77.8	99.7	111.8
	2031	99.8	85.3	88.2	91.7	101.7	109.1	108.6	112.0	106.9	99.9	83.8	77.9	99.8	112.0
	2032	99.9	85.3	88.2	91.7	101.8	109.2	108.7	112.1	107.0	100.0	83.8	77.9	99.9	112.1
	2033	100.0	85.4	88.3	91.8	101.9	109.3	108.7	112.2	107.1	100.0	83.9	78.0	100.0	112.2
	2034	100.0	85.4	88.4	91.9	101.9	109.4	108.8	112.2	107.1	100.1	83.9	78.0	100.0	112.2
	2035	100.1	85.5	88.4	91.9	102.0	109.5	108.9	112.3	107.2	100.2	84.0	78.0	100.1	112.3
	2036	100.1	85.5	88.4	92.0	102.0	109.5	108.9	112.3	107.2	100.2	84.0	78.1	100.1	112.3
	2037	100.1	85.5	88.4	92.0	102.0	109.5	108.9	112.3	107.2	100.2	84.0	78.0	100.1	112.3
	2038	100.1	85.5	88.4	91.9	102.0	109.5	108.9	112.3	107.2	100.2	83.9	78.0	100.1	112.3

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	100.0%	100.0%	100.0%	90.2%	98.3%	99.9%	94.3%	96.5%	97.5%	99.1%	89.4%	87.5%	100.0%	99.9%
	2010	100.0%	98.4%	100.0%	94.4%	98.8%	100.0%	95.1%	98.9%	96.0%	99.1%	84.2%	100.0%	100.0%	100.0%
	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%	97.3%	90.9%	94.3%	92.0%	99.7%
Projected	2019	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2020	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2021	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2022	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2023	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2024	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2025	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2026	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2027	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2028	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2009-2018	93.1%	98.3%	95.9%	95.2%	96.5%	97.1%	95.5%	97.3%	96.8%	97.2%	91.0%	93.7%	98.7%	97.9%
	2019-2028	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%

FMPA 2019 Load Forecast - Mild Weather Case - Ft Pierce

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	209,719		23,328		8,990		327,259		5,085		64.4		5,992		5,717		548,687		4,801	0.9%	553,488	
	2010	226,860	8.2%	22,828	-2.1%	9,938	10.5%	308,544	-5.7%	5,031	-1.0%	61.3	-4.7%	5,980	-0.2%	5,762	0.8%	547,146	-0.3%	21,492	3.8%	568,638	2.7%
	2011	216,942	-4.4%	22,733	-0.4%	9,543	-4.0%	301,655	-2.2%	5,018	-0.3%	60.1	-2.0%	5,989	0.2%	5,860	1.7%	530,446	-3.1%	21,981	4.0%	552,427	-2.9%
	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	233,076	-1.0%	23,183	-0.1%	10,054	-0.9%	300,684	-2.6%	5,081	0.0%	59.2	-2.6%	6,227	0.0%	3,910	0.3%	543,897	-1.9%	28,821	5.0%	572,718	0.5%
Projected	2019	226,165	-3.0%	23,314	0.6%	9,701	-3.5%	316,733	5.3%	5,122	0.8%	61.8	4.5%	6,227	0.0%	3,910	0.0%	553,034	1.7%	23,979	4.2%	577,014	0.8%
	2020	226,734	0.3%	23,447	0.6%	9,670	-0.3%	317,648	0.3%	5,142	0.4%	61.8	-0.1%	6,227	0.0%	3,910	0.0%	554,519	0.3%	24,035	4.2%	578,554	0.3%
	2021	228,003	0.6%	23,559	0.5%	9,678	0.1%	318,166	0.2%	5,160	0.4%	61.7	-0.2%	6,227	0.0%	3,910	0.0%	556,307	0.3%	24,102	4.2%	580,409	0.3%
	2022	229,337	0.6%	23,671	0.5%	9,688	0.1%	318,389	0.1%	5,178	0.3%	61.5	-0.3%	6,227	0.0%	3,910	0.0%	557,863	0.3%	24,168	4.2%	582,031	0.3%
	2023	230,528	0.5%	23,778	0.5%	9,695	0.1%	318,588	0.1%	5,196	0.3%	61.3	-0.3%	6,227	0.0%	3,910	0.0%	559,253	0.2%	24,227	4.2%	583,480	0.2%
	2024	231,530	0.4%	23,881	0.4%	9,695	0.0%	318,720	0.0%	5,213	0.3%	61.1	-0.3%	6,227	0.0%	3,910	0.0%	560,387	0.2%	24,275	4.2%	584,662	0.2%
	2025	232,892	0.6%	23,981	0.4%	9,712	0.2%	318,779	0.0%	5,229	0.3%	61.0	-0.3%	6,227	0.0%	3,910	0.0%	561,808	0.3%	24,336	4.2%	586,144	0.3%
	2026	234,247	0.6%	24,076	0.4%	9,730	0.2%	318,763	0.0%	5,244	0.3%	60.8	-0.3%	6,227	0.0%	3,910	0.0%	563,147	0.2%	24,392	4.2%	587,538	0.2%
	2027	235,437	0.5%	24,166	0.4%	9,742	0.1%	318,658	0.0%	5,258	0.3%	60.6	-0.3%	6,227	0.0%	3,910	0.0%	564,232	0.2%	24,437	4.2%	588,669	0.2%
	2028	236,568	0.5%	24,254	0.4%	9,754	0.1%	318,504	0.0%	5,271	0.3%	60.4	-0.3%	6,227	0.0%	3,910	0.0%	565,209	0.2%	24,478	4.2%	589,687	0.2%
	2029	237,597	0.4%	24,341	0.4%	9,761	0.1%	318,300	-0.1%	5,284	0.2%	60.2	-0.3%	6,227	0.0%	3,910	0.0%	566,034	0.1%	24,512	4.2%	590,546	0.1%
	2030	238,524	0.4%	24,425	0.3%	9,766	0.0%	318,036	-0.1%	5,296	0.2%	60.1	-0.3%	6,227	0.0%	3,910	0.0%	566,697	0.1%	24,540	4.2%	591,237	0.1%
	2031	239,587	0.4%	24,506	0.3%	9,777	0.1%	317,709	-0.1%	5,307	0.2%	59.9	-0.3%	6,227	0.0%	3,910	0.0%	567,433	0.1%	24,570	4.2%	592,003	0.1%
	2032	240,526	0.4%	24,583	0.3%	9,784	0.1%	317,331	-0.1%	5,318	0.2%	59.7	-0.3%	6,227	0.0%	3,910	0.0%	567,994	0.1%	24,593	4.2%	592,587	0.1%
	2033	241,407	0.4%	24,658	0.3%	9,790	0.1%	316,921	-0.1%	5,328	0.2%	59.5	-0.3%	6,227	0.0%	3,910	0.0%	568,465	0.1%	24,612	4.1%	593,077	0.1%
	2034	242,195	0.3%	24,732	0.3%	9,793	0.0%	316,480	-0.1%	5,337	0.2%	59.3	-0.3%	6,227	0.0%	3,910	0.0%	568,811	0.1%	24,626	4.1%	593,437	0.1%
	2035	243,027	0.3%	24,806	0.3%	9,797	0.0%	316,024	-0.1%	5,346	0.2%	59.1	-0.3%	6,227	0.0%	3,910	0.0%	569,188	0.1%	24,641	4.1%	593,829	0.1%
	2036	243,786	0.3%	24,877	0.3%	9,800	0.0%	315,551	-0.1%	5,356	0.2%	58.9	-0.3%	6,227	0.0%	3,910	0.0%	569,475	0.1%	24,652	4.1%	594,126	0.1%
	2037	244,281	0.2%	24,947	0.3%	9,792	-0.1%	315,033	-0.2%	5,364	0.2%	58.7	-0.3%	6,227	0.0%	3,910	0.0%	569,450	0.0%	24,650	4.1%	594,100	0.0%
	2038	244,809	0.2%	25,019	0.3%	9,785	-0.1%	314,470	-0.2%	5,372	0.1%	58.5	-0.3%	6,227	0.0%	3,910	0.0%	569,415	0.0%	24,647	4.1%	594,062	0.0%
CAGR	2009-2018		1.2%		-0.1%		1.3%		-0.9%		0.0%		-0.9%		0.4%		-4.1%		-0.1%		3.6%		0.4%
	2019-2028		0.5%		0.4%		0.1%		0.1%		0.3%		-0.3%		0.0%		0.0%		0.2%		4.2%		0.2%
	2029-2038		0.3%		0.3%		0.0%		-0.1%		0.2%		-0.3%		0.0%		0.0%		0.1%		4.1%		0.1%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - Severe Weather Case

Ft. Pierce

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	553,488	-	549,693	-	-0.7%	111.5	-	96.9	-	-13.0%	115.3	-	107.6		-6.6%
	2010	568,638	2.7%	542,198	-1.4%	-4.6%	124.1	11.3%	108.9	12.4%	-12.2%	108.7	-5.7%	106.9	-0.7%	-1.6%
	2011	552,427	-2.9%	547,601	1.0%	-0.9%	114.8	-7.5%	107.0	-1.8%	-6.8%	99.6	-8.4%	99.3	-7.1%	-0.3%
	2012	537,115	-2.8%	542,680	-0.9%	1.0%	97.0	-15.5%	103.3	-3.4%	6.5%	97.0	-2.6%	109.7	10.5%	13.1%
	2013	532,037	-0.9%	536,703	-1.1%	0.9%	86.7	-10.7%	82.1	-20.6%	-5.3%	100.9	4.0%	106.4	-3.0%	5.5%
	2014	544,750	2.4%	544,110	1.4%	-0.1%	89.2	2.9%	110.9	35.1%	24.3%	103.2	2.4%	101.8	-4.3%	-1.4%
	2015	559,062	2.6%	549,646	1.0%	-1.7%	101.8	14.2%	79.7	-28.2%	-21.8%	103.4	0.2%	99.3	-2.4%	-3.9%
	2016	583,151	4.3%	572,544	4.2%	-1.8%	96.1	-5.6%	97.1	21.8%	1.0%	109.8	6.2%	107.0	7.7%	-2.6%
	2017	569,635	-2.3%	560,244	-2.1%	-1.6%	85.4	-11.1%	86.1	-11.3%	0.7%	111.8	1.8%	120.0	12.2%	7.3%
	2018	572,718	0.5%	568,152	1.4%	-0.8%	92.9	8.8%	88.5	2.9%	-4.7%	111.2	-0.6%	117.8	-1.8%	6.0%
Projected	2019	594,531	3.8%	594,531	4.6%		100.4	8.0%	100.4	13.3%		112.6	1.3%	112.6	-4.5%	
	2020			597,367	0.5%				100.8	0.4%				113.0	0.4%	
	2021			599,260	0.3%				101.0	0.3%				113.4	0.3%	
	2022			600,943	0.3%				101.3	0.3%				113.7	0.3%	
	2023			602,457	0.3%				101.6	0.2%				113.9	0.2%	
	2024			603,670	0.2%				101.8	0.2%				114.2	0.2%	
	2025			605,235	0.3%				102.1	0.3%				114.5	0.3%	
	2026			606,713	0.2%				102.3	0.2%				114.8	0.2%	
	2027			607,909	0.2%				102.5	0.2%				115.0	0.2%	
	2028			608,986	0.2%				102.7	0.2%				115.2	0.2%	
	2029			609,896	0.1%				102.8	0.1%				115.3	0.1%	
	2030			610,621	0.1%				102.9	0.1%				115.5	0.1%	
	2031			611,448	0.1%				103.1	0.1%				115.6	0.1%	
	2032			612,081	0.1%				103.2	0.1%				115.7	0.1%	
	2033			612,615	0.1%				103.3	0.1%				115.8	0.1%	
	2034			613,009	0.1%				103.3	0.1%				115.9	0.1%	
	2035			613,441	0.1%				103.4	0.1%				116.0	0.1%	
	2036			613,774	0.1%				103.4	0.0%				116.0	0.0%	
	2037			613,742	0.0%				103.4	0.0%				116.0	0.0%	
	2038			613,708	0.0%				103.4	0.0%				116.0	0.0%	
CAGR [3]	2009-2018		0.4%		0.4%			-2.0%		-1.0%			-0.4%		1.0%	
	2019-2028				0.3%					0.3%					0.3%	
	2029-2038				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 2019 Load Forecast - Severe Weather Case

Ft. Pierce

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	553,488	-	549,693	-	-0.7%	111.5	-	56.7%	115.4	-	54.8%
	2010	568,638	2.7%	542,198	-1.4%	-4.6%	124.1	11.3%	52.3%	108.7	-5.8%	59.7%
	2011	552,427	-2.9%	547,601	1.0%	-0.9%	114.8	-7.5%	54.9%	104.3	-4.1%	60.5%
	2012	537,115	-2.8%	542,680	-0.9%	1.0%	97.0	-15.5%	63.2%	103.3	-0.9%	59.3%
	2013	532,037	-0.9%	536,703	-1.1%	0.9%	86.7	-10.7%	70.1%	103.7	0.4%	58.6%
	2014	544,750	2.4%	544,110	1.4%	-0.1%	89.2	2.9%	69.7%	105.5	1.8%	58.9%
	2015	559,062	2.6%	549,646	1.0%	-1.7%	101.8	14.2%	62.7%	107.2	1.6%	59.6%
	2016	583,151	4.3%	572,544	4.2%	-1.8%	97.7	-4.1%	68.2%	111.7	4.3%	59.6%
	2017	569,635	-2.3%	560,244	-2.1%	-1.6%	88.5	-9.4%	73.5%	111.8	0.1%	58.1%
	2018	572,718	0.5%	568,152	1.4%	-0.8%	101.0	14.1%	64.8%	111.6	-0.3%	58.6%
Projected	2019	594,531	3.8%	594,531	4.6%		107.8	6.7%	63.0%	115.5	3.6%	58.7%
	2020	597,367	0.5%	597,367	0.5%		108.2	0.4%	63.0%	116.0	0.4%	58.8%
	2021	599,260	0.3%	599,260	0.3%		108.5	0.3%	63.1%	116.3	0.3%	58.8%
	2022	600,943	0.3%	600,943	0.3%		108.8	0.3%	63.1%	116.6	0.3%	58.8%
	2023	602,457	0.3%	602,457	0.3%		109.0	0.2%	63.1%	116.9	0.2%	58.8%
	2024	603,670	0.2%	603,670	0.2%		109.3	0.2%	63.1%	117.2	0.2%	58.8%
	2025	605,235	0.3%	605,235	0.3%		109.6	0.3%	63.1%	117.5	0.3%	58.8%
	2026	606,713	0.2%	606,713	0.2%		109.8	0.2%	63.1%	117.7	0.2%	58.8%
	2027	607,909	0.2%	607,909	0.2%		110.0	0.2%	63.1%	118.0	0.2%	58.8%
	2028	608,986	0.2%	608,986	0.2%		110.2	0.2%	63.1%	118.2	0.2%	58.8%
	2029	609,896	0.1%	609,896	0.1%		110.4	0.1%	63.1%	118.3	0.1%	58.8%
	2030	610,621	0.1%	610,621	0.1%		110.5	0.1%	63.1%	118.5	0.1%	58.8%
	2031	611,448	0.1%	611,448	0.1%		110.6	0.1%	63.1%	118.6	0.1%	58.8%
	2032	612,081	0.1%	612,081	0.1%		110.8	0.1%	63.1%	118.8	0.1%	58.8%
	2033	612,615	0.1%	612,615	0.1%		110.9	0.1%	63.1%	118.8	0.1%	58.8%
	2034	613,009	0.1%	613,009	0.1%		110.9	0.1%	63.1%	118.9	0.1%	58.8%
	2035	613,441	0.1%	613,441	0.1%		111.0	0.1%	63.1%	119.0	0.1%	58.8%
	2036	613,774	0.1%	613,774	0.1%		111.0	0.0%	63.1%	119.1	0.0%	58.9%
	2037	613,742	0.0%	613,742	0.0%		111.0	0.0%	63.1%	119.1	0.0%	58.8%
	2038	613,708	0.0%	613,708	0.0%		111.0	0.0%	63.1%	119.0	0.0%	58.9%
CAGR [1]	2009-2018		0.4%		0.4%			-1.1%	63.6%		-0.4%	58.8%
	2019-2028		0.3%		0.3%			0.3%	63.1%		0.3%	58.8%
	2029-2038		0.1%		0.1%			0.1%	63.1%		0.1%	58.8%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Severe Weather Case

Ft. Pierce

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	41,690	37,407	40,189	41,105	48,148	52,817	54,703	56,997	52,567	50,793	40,303	40,057	556,773	553,488
	2010	48,185	39,824	40,035	39,054	49,609	54,915	57,259	55,879	52,725	45,135	38,576	46,871	568,067	568,638
	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	53,358	42,709	42,734	577,912	572,718
Projected	2019	45,133	42,102	44,751	46,291	49,869	52,974	59,819	59,452	55,340	53,702	43,092	43,057	595,580	594,531
	2020	45,450	42,347	44,979	46,432	49,964	53,136	60,013	59,650	55,544	53,883	43,276	43,263	597,938	597,367
	2021	45,694	42,565	45,174	46,574	50,066	53,210	60,114	59,761	55,678	54,023	43,392	43,384	599,637	599,260
	2022	45,833	42,694	45,300	46,701	50,201	53,353	60,283	59,935	55,845	54,181	43,514	43,508	601,347	600,943
	2023	45,969	42,815	45,413	46,813	50,318	53,477	60,421	60,067	55,961	54,284	43,588	43,576	602,703	602,457
	2024	46,048	42,891	45,493	46,900	50,418	53,593	60,562	60,214	56,102	54,420	43,693	43,684	604,018	603,670
	2025	46,172	43,005	45,602	47,013	50,543	53,734	60,728	60,383	56,259	54,565	43,801	43,792	605,595	605,235
	2026	46,296	43,117	45,706	47,118	50,658	53,862	60,876	60,530	56,393	54,685	43,887	43,876	607,005	606,713
	2027	46,394	43,206	45,788	47,202	50,749	53,965	60,998	60,652	56,505	54,787	43,960	43,948	608,156	607,909
	2028	46,480	43,285	45,860	47,277	50,833	54,061	61,112	60,769	56,613	54,886	44,032	44,020	609,228	608,986
Projected	2029	46,563	43,357	45,924	47,340	50,901	54,136	61,198	60,852	56,687	54,948	44,074	44,059	610,039	609,896
	2030	46,612	43,404	45,968	47,388	50,958	54,206	61,285	60,945	56,775	55,030	44,134	44,120	610,823	610,621
	2031	46,686	43,470	46,023	47,444	51,019	54,276	61,369	61,028	56,850	55,095	44,176	44,161	611,596	611,448
	2032	46,739	43,518	46,062	47,484	51,065	54,332	61,437	61,098	56,915	55,151	44,214	44,199	612,213	612,081
	2033	46,787	43,560	46,096	47,517	51,102	54,377	61,492	61,154	56,965	55,193	44,240	44,223	612,707	612,615
	2034	46,821	43,591	46,118	47,540	51,129	54,411	61,536	61,200	57,007	55,228	44,261	44,244	613,086	613,009
	2035	46,853	43,621	46,141	47,565	51,161	54,453	61,591	61,259	57,064	55,278	44,296	44,280	613,562	613,441
	2036	46,898	43,656	46,163	47,585	51,180	54,474	61,613	61,277	57,073	55,278	44,287	44,266	613,752	613,774
	2037	46,889	43,649	46,152	47,577	51,175	54,475	61,620	61,288	57,085	55,287	44,289	44,270	613,756	613,742
	2038	46,897	43,653	46,146	47,569	51,166	54,468	61,612	61,278	57,073	55,269	44,268	44,245	613,644	613,708

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	7.5%	6.7%	7.2%	7.4%	8.6%	9.5%	9.8%	10.2%	9.4%	9.1%	7.2%	7.2%	100.0%
	2010	8.5%	7.0%	7.0%	6.9%	8.7%	9.7%	10.1%	9.8%	9.3%	7.9%	6.8%	8.3%	100.0%
	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%	7.5%	8.2%	9.1%	10.0%	10.1%	9.8%	9.2%	7.4%	7.4%	100.0%
Projected	2019	7.6%	7.1%	7.5%	7.8%	8.4%	8.9%	10.0%	10.0%	9.3%	9.0%	7.2%	7.2%	100.0%
	2020	7.6%	7.1%	7.5%	7.8%	8.4%	8.9%	10.0%	10.0%	9.3%	9.0%	7.2%	7.2%	100.0%
	2021	7.6%	7.1%	7.5%	7.8%	8.3%	8.9%	10.0%	10.0%	9.3%	9.0%	7.2%	7.2%	100.0%
	2022	7.6%	7.1%	7.5%	7.8%	8.3%	8.9%	10.0%	10.0%	9.3%	9.0%	7.2%	7.2%	100.0%
	2023	7.6%	7.1%	7.5%	7.8%	8.3%	8.9%	10.0%	10.0%	9.3%	9.0%	7.2%	7.2%	100.0%
	2024	7.6%	7.1%	7.5%	7.8%	8.3%	8.9%	10.0%	10.0%	9.3%	9.0%	7.2%	7.2%	100.0%
	2025	7.6%	7.1%	7.5%	7.8%	8.3%	8.9%	10.0%	10.0%	9.3%	9.0%	7.2%	7.2%	100.0%
	2026	7.6%	7.1%	7.5%	7.8%	8.3%	8.9%	10.0%	10.0%	9.3%	9.0%	7.2%	7.2%	100.0%
	2027	7.6%	7.1%	7.5%	7.8%	8.3%	8.9%	10.0%	10.0%	9.3%	9.0%	7.2%	7.2%	100.0%
	2028	7.6%	7.1%	7.5%	7.8%	8.3%	8.9%	10.0%	10.0%	9.3%	9.0%	7.2%	7.2%	100.0%
Avg.	2009-2018	7.4%	6.7%	7.3%	7.7%	8.8%	9.3%	10.0%	10.1%	9.3%	8.6%	7.2%	7.4%	100.0%
	2019-2028	7.6%	7.1%	7.5%	7.8%	8.4%	8.9%	10.0%	10.0%	9.3%	9.0%	7.2%	7.2%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Severe Weather Case

Ft. Pierce

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	106.2	111.5	82.8	83.3	96.9	115.4	108.9	107.2	102.7	103.9	90.0	79.5	111.5	115.4
	2010	124.1	92.3	94.0	75.5	93.4	108.7	107.1	107.5	103.7	93.3	93.5	114.8	124.1	108.7
	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	99.7	92.6	82.9	101.0	111.6
Projected	2019	107.8	88.0	92.6	96.6	105.5	112.5	114.0	115.5	110.6	103.3	93.0	83.3	107.8	115.5
	2020	108.2	88.3	93.0	97.0	105.9	113.0	114.5	116.0	111.0	103.7	93.2	83.5	108.2	116.0
	2021	108.5	88.6	93.2	97.3	106.2	113.3	114.8	116.3	111.3	104.0	93.5	83.8	108.5	116.3
	2022	108.8	88.8	93.5	97.6	106.5	113.6	115.1	116.6	111.6	104.3	93.7	83.9	108.8	116.6
	2023	109.0	89.0	93.7	97.8	106.8	113.9	115.4	116.9	111.9	104.5	93.9	84.1	109.0	116.9
	2024	109.3	89.2	93.9	98.0	107.0	114.1	115.6	117.2	112.1	104.7	94.2	84.3	109.3	117.2
	2025	109.6	89.4	94.2	98.2	107.3	114.4	116.0	117.5	112.4	105.0	94.4	84.5	109.6	117.5
	2026	109.8	89.6	94.4	98.5	107.5	114.7	116.2	117.7	112.7	105.2	94.6	84.7	109.8	117.7
	2027	110.0	89.8	94.6	98.7	107.8	114.9	116.4	118.0	112.9	105.4	94.7	84.8	110.0	118.0
	2028	110.2	90.0	94.7	98.8	107.9	115.1	116.6	118.2	113.1	105.6	94.9	85.0	110.2	118.2
Projected	2029	110.4	90.1	94.9	99.0	108.1	115.3	116.8	118.3	113.3	105.8	95.0	85.1	110.4	118.3
	2030	110.5	90.2	95.0	99.1	108.2	115.4	117.0	118.5	113.4	105.9	95.1	85.2	110.5	118.5
	2031	110.6	90.3	95.1	99.2	108.4	115.6	117.1	118.6	113.5	106.0	95.2	85.3	110.6	118.6
	2032	110.8	90.4	95.2	99.3	108.5	115.7	117.2	118.8	113.7	106.1	95.3	85.3	110.8	118.8
	2033	110.9	90.5	95.3	99.4	108.6	115.8	117.3	118.8	113.7	106.2	95.3	85.4	110.9	118.8
	2034	110.9	90.5	95.3	99.5	108.6	115.9	117.4	118.9	113.8	106.3	95.4	85.5	110.9	118.9
	2035	111.0	90.6	95.4	99.5	108.7	115.9	117.5	119.0	113.9	106.4	95.4	85.5	111.0	119.0
	2036	111.0	90.6	95.4	99.6	108.7	116.0	117.5	119.1	113.9	106.4	95.4	85.5	111.0	119.1
	2037	111.0	90.6	95.4	99.6	108.7	116.0	117.5	119.1	113.9	106.4	95.4	85.5	111.0	119.1
	2038	111.0	90.6	95.4	99.6	108.7	116.0	117.5	119.0	113.9	106.4	95.4	85.4	111.0	119.0

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	52.8%	49.9%	65.2%	66.4%	73.9%	61.5%	69.8%	71.5%	71.1%	65.7%	60.2%	69.9%	57.0%	55.1%
	2010	52.2%	64.2%	57.3%	69.6%	79.0%	67.9%	74.3%	69.8%	70.6%	65.0%	55.5%	56.7%	52.3%	59.7%
	2011	54.4%	73.1%	64.5%	63.9%	76.4%	66.7%	73.9%	72.0%	70.8%	64.3%	63.6%	78.9%	54.1%	59.5%
	2012	55.8%	62.8%	73.5%	62.1%	72.9%	66.8%	73.7%	69.7%	71.3%	64.4%	71.4%	71.6%	63.2%	59.3%
	2013	73.0%	66.0%	61.3%	67.9%	76.0%	67.4%	70.2%	72.1%	68.2%	67.1%	64.7%	71.5%	70.9%	59.2%
	2014	62.2%	71.4%	71.8%	62.9%	78.0%	66.7%	70.2%	71.6%	68.3%	65.2%	59.6%	76.2%	69.2%	58.5%
	2015	73.2%	53.0%	68.9%	63.5%	76.4%	69.5%	72.4%	69.6%	68.7%	68.1%	63.5%	72.2%	64.4%	61.2%
	2016	62.4%	58.9%	64.4%	63.9%	72.8%	67.6%	76.2%	72.0%	72.1%	65.2%	63.5%	67.8%	67.2%	58.7%
	2017	66.3%	69.2%	63.5%	63.0%	73.6%	66.7%	74.4%	71.5%	66.8%	67.8%	64.8%	70.0%	73.9%	58.5%
	2018	57.4%	71.0%	61.5%	63.7%	77.3%	65.4%	71.9%	70.7%	72.1%	71.9%	62.0%	71.6%	65.3%	59.1%
Projected	2019	56.3%	71.2%	64.9%	64.4%	70.3%	63.3%	72.9%	69.2%	69.5%	69.9%	62.3%	71.8%	63.1%	58.9%
	2020	56.5%	68.9%	65.0%	64.3%	70.2%	63.2%	72.8%	69.1%	69.5%	69.9%	62.4%	71.9%	63.1%	58.9%
	2021	56.6%	71.5%	65.1%	64.3%	70.1%	63.1%	72.7%	69.1%	69.5%	69.8%	62.4%	71.9%	63.1%	58.9%
	2022	56.6%	71.5%	65.1%	64.3%	70.1%	63.1%	72.7%	69.1%	69.5%	69.9%	62.4%	72.0%	63.1%	58.9%
	2023	56.7%	71.6%	65.1%	64.3%	70.1%	63.1%	72.7%	69.1%	69.5%	69.8%	62.4%	71.9%	63.1%	58.9%
	2024	56.6%	69.1%	65.1%	64.3%	70.1%	63.1%	72.7%	69.1%	69.5%	69.9%	62.4%	71.9%	63.1%	58.9%
	2025	56.6%	71.6%	65.1%	64.3%	70.1%	63.1%	72.7%	69.1%	69.5%	69.9%	62.4%	71.9%	63.1%	58.9%
	2026	56.7%	71.6%	65.1%	64.3%	70.1%	63.1%	72.7%	69.1%	69.5%	69.8%	62.4%	71.9%	63.1%	58.9%
	2027	56.7%	71.6%	65.1%	64.3%	70.1%	63.1%	72.8%	69.1%	69.5%	69.8%	62.4%	71.9%	63.1%	58.9%
	2028	56.7%	69.1%	65.1%	64.3%	70.1%	63.1%	72.8%	69.1%	69.5%	69.8%	62.4%	72.0%	63.1%	58.9%
Avg.	2009-2018	61.0%	64.0%	65.2%	64.7%	75.6%	66.6%	72.7%	71.0%	70.0%	66.5%	62.9%	70.6%	63.7%	58.9%
	2019-2028	56.6%	70.8%	65.1%	64.3%	70.1%	63.1%	72.8%	69.1%	69.5%	69.9%	62.4%	71.9%	63.1%	58.9%

FMPA 2019 Load Forecast - Severe Weather Case

Ft. Pierce

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	106.2	111.5	82.8	75.1	95.2	115.3	102.7	103.5	100.2	103.0	80.4	69.6	111.5	115.3
	2010	124.1	90.8	94.0	71.3	92.3	108.7	101.8	106.4	99.5	92.5	78.7	114.8	124.1	108.7
	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	97.0	84.2	78.2	92.9	111.2
Projected	2019	100.4	85.7	88.7	92.2	102.3	109.7	109.2	112.6	107.5	100.4	84.5	78.5	100.4	112.6
	2020	100.8	86.1	89.0	92.5	102.7	110.2	109.6	113.0	107.9	100.8	84.7	78.8	100.8	113.0
	2021	101.0	86.3	89.3	92.8	103.0	110.5	109.9	113.4	108.2	101.1	85.0	79.0	101.0	113.4
	2022	101.3	86.6	89.5	93.1	103.3	110.8	110.2	113.7	108.5	101.4	85.2	79.2	101.3	113.7
	2023	101.6	86.8	89.7	93.3	103.5	111.1	110.5	113.9	108.8	101.6	85.4	79.3	101.6	113.9
	2024	101.8	86.9	89.9	93.5	103.7	111.3	110.7	114.2	109.0	101.8	85.6	79.5	101.8	114.2
	2025	102.1	87.2	90.1	93.7	104.0	111.6	111.0	114.5	109.3	102.1	85.8	79.7	102.1	114.5
	2026	102.3	87.4	90.4	93.9	104.2	111.8	111.3	114.8	109.6	102.3	85.9	79.9	102.3	114.8
	2027	102.5	87.5	90.5	94.1	104.4	112.1	111.5	115.0	109.8	102.5	86.1	80.0	102.5	115.0
	2028	102.7	87.7	90.7	94.3	104.6	112.3	111.7	115.2	110.0	102.7	86.2	80.1	102.7	115.2
Projected	2029	102.8	87.8	90.8	94.4	104.8	112.4	111.8	115.3	110.1	102.9	86.3	80.2	102.8	115.3
	2030	102.9	87.9	90.9	94.5	104.9	112.5	112.0	115.5	110.2	103.0	86.4	80.3	102.9	115.5
	2031	103.1	88.0	91.0	94.7	105.0	112.7	112.1	115.6	110.4	103.1	86.5	80.4	103.1	115.6
	2032	103.2	88.1	91.1	94.8	105.1	112.8	112.2	115.7	110.5	103.2	86.6	80.5	103.2	115.7
	2033	103.3	88.2	91.2	94.8	105.2	112.9	112.3	115.8	110.6	103.3	86.6	80.5	103.3	115.8
	2034	103.3	88.3	91.3	94.9	105.3	113.0	112.4	115.9	110.7	103.4	86.7	80.6	103.3	115.9
	2035	103.4	88.3	91.3	95.0	105.4	113.1	112.5	116.0	110.7	103.5	86.7	80.6	103.4	116.0
	2036	103.4	88.3	91.4	95.0	105.4	113.1	112.5	116.0	110.8	103.5	86.7	80.6	103.4	116.0
	2037	103.4	88.3	91.4	95.0	105.4	113.1	112.5	116.0	110.8	103.5	86.7	80.6	103.4	116.0
	2038	103.4	88.3	91.3	95.0	105.4	113.1	112.5	116.0	110.8	103.5	86.7	80.6	103.4	116.0

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	100.0%	100.0%	100.0%	90.2%	98.3%	99.9%	94.3%	96.5%	97.5%	99.1%	89.4%	87.5%	100.0%	99.9%
	2010	100.0%	98.4%	100.0%	94.4%	98.8%	100.0%	95.1%	98.9%	96.0%	99.1%	84.2%	100.0%	100.0%	100.0%
	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%	97.3%	90.9%	94.3%	92.0%	99.7%
Projected	2019	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2020	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2021	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2022	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2023	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2024	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2025	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2026	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2027	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2028	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%
	2009-2018	93.1%	98.3%	95.9%	95.2%	96.5%	97.1%	95.5%	97.3%	96.8%	97.2%	91.0%	93.7%	98.7%	97.9%
	2019-2028	93.1%	97.5%	95.7%	95.4%	96.9%	97.5%	95.7%	97.5%	97.2%	97.3%	90.9%	94.3%	93.1%	97.5%

FMPA 2019 Load Forecast - Severe Weather Case - Ft Pierce

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

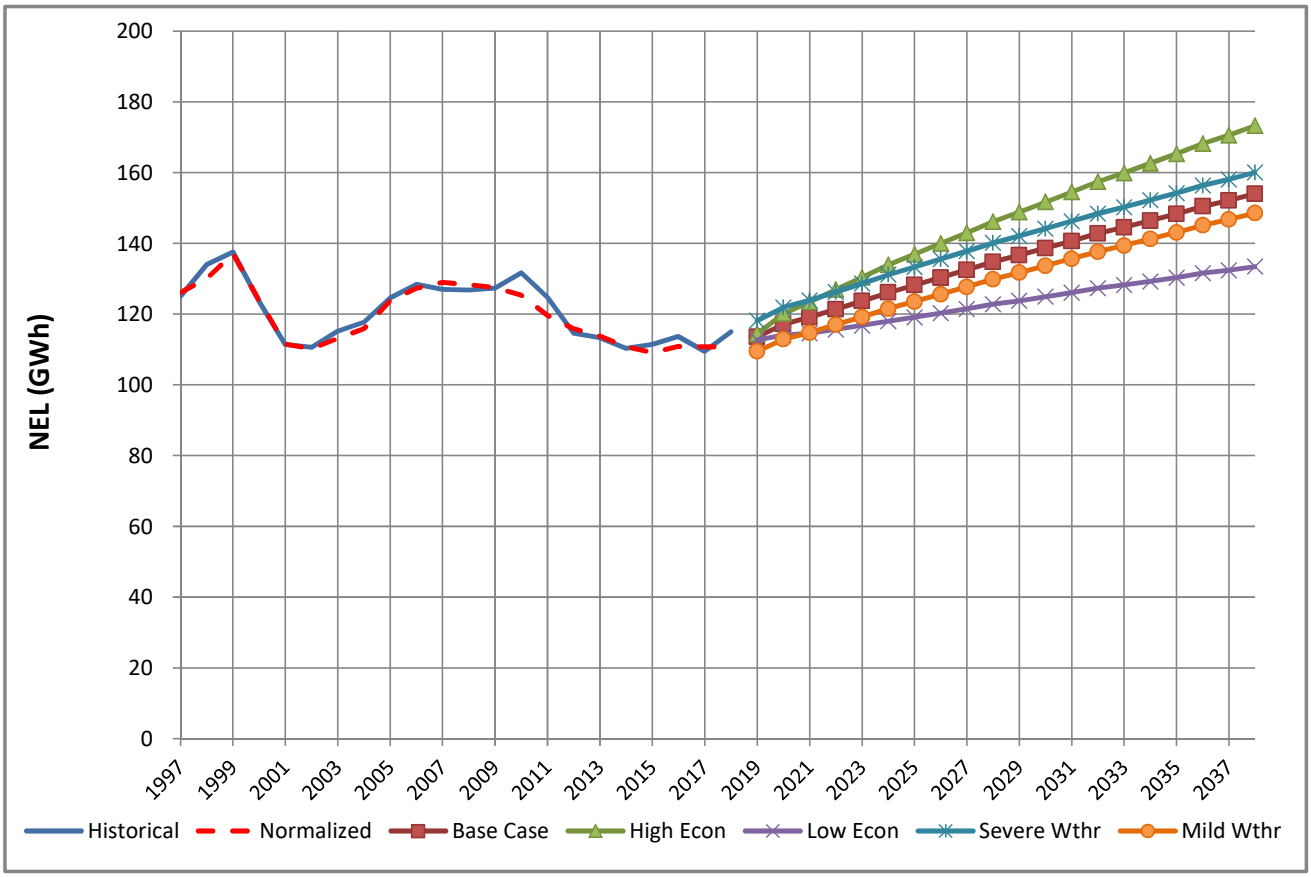
		Residential						General Service						Res. Lights		City Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2009	209,719		23,328		8,990		327,259		5,085		64.4		5,992		5,717		548,687		4,801	0.9%	553,488	
	2010	226,860	8.2%	22,828	-2.1%	9,938	10.5%	308,544	-5.7%	5,031	-1.0%	61.3	-4.7%	5,980	-0.2%	5,762	0.8%	547,146	-0.3%	21,492	3.8%	568,638	2.7%
	2011	216,942	-4.4%	22,733	-0.4%	9,543	-4.0%	301,655	-2.2%	5,018	-0.3%	60.1	-2.0%	5,989	0.2%	5,860	1.7%	530,446	-3.1%	21,981	4.0%	552,427	-2.9%
	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	233,076	-1.0%	23,183	-0.1%	10,054	-0.9%	300,684	-2.6%	5,081	0.0%	59.2	-2.6%	6,227	0.0%	3,910	0.3%	543,897	-1.9%	28,821	5.0%	572,718	0.5%
Projected	2019	239,514	2.8%	23,314	0.6%	10,273	2.2%	320,380	6.6%	5,122	0.8%	62.6	5.7%	6,227	0.0%	3,910	0.0%	570,031	4.8%	24,501	4.1%	594,531	3.8%
	2020	240,768	0.5%	23,447	0.6%	10,269	0.0%	321,876	0.5%	5,142	0.4%	62.6	0.1%	6,227	0.0%	3,910	0.0%	572,782	0.5%	24,585	4.1%	597,367	0.5%
	2021	242,076	0.5%	23,559	0.5%	10,275	0.1%	322,394	0.2%	5,160	0.4%	62.5	-0.2%	6,227	0.0%	3,910	0.0%	574,607	0.3%	24,653	4.1%	599,260	0.3%
	2022	243,465	0.6%	23,671	0.5%	10,285	0.1%	322,620	0.1%	5,178	0.3%	62.3	-0.3%	6,227	0.0%	3,910	0.0%	576,222	0.3%	24,721	4.1%	600,943	0.3%
	2023	244,718	0.5%	23,778	0.5%	10,292	0.1%	322,821	0.1%	5,196	0.3%	62.1	-0.3%	6,227	0.0%	3,910	0.0%	577,676	0.3%	24,782	4.1%	602,457	0.3%
	2024	245,747	0.4%	23,881	0.4%	10,291	0.0%	322,955	0.0%	5,213	0.3%	62.0	-0.3%	6,227	0.0%	3,910	0.0%	578,839	0.2%	24,831	4.1%	603,670	0.2%
	2025	247,190	0.6%	23,981	0.4%	10,308	0.2%	323,013	0.0%	5,229	0.3%	61.8	-0.3%	6,227	0.0%	3,910	0.0%	580,341	0.3%	24,894	4.1%	605,235	0.3%
	2026	248,627	0.6%	24,076	0.4%	10,327	0.2%	322,997	0.0%	5,244	0.3%	61.6	-0.3%	6,227	0.0%	3,910	0.0%	581,761	0.2%	24,952	4.1%	606,713	0.2%
	2027	249,881	0.5%	24,166	0.4%	10,340	0.1%	322,891	0.0%	5,258	0.3%	61.4	-0.3%	6,227	0.0%	3,910	0.0%	582,909	0.2%	25,000	4.1%	607,909	0.2%
	2028	251,072	0.5%	24,254	0.4%	10,352	0.1%	322,734	0.0%	5,271	0.3%	61.2	-0.3%	6,227	0.0%	3,910	0.0%	583,944	0.2%	25,042	4.1%	608,986	0.2%
	2029	252,154	0.4%	24,341	0.4%	10,359	0.1%	322,527	-0.1%	5,284	0.2%	61.0	-0.3%	6,227	0.0%	3,910	0.0%	584,818	0.1%	25,078	4.1%	609,896	0.1%
	2030	253,118	0.4%	24,425	0.3%	10,363	0.0%	322,260	-0.1%	5,296	0.2%	60.8	-0.3%	6,227	0.0%	3,910	0.0%	585,515	0.1%	25,106	4.1%	610,621	0.1%
	2031	254,245	0.4%	24,506	0.3%	10,375	0.1%	321,928	-0.1%	5,307	0.2%	60.7	-0.3%	6,227	0.0%	3,910	0.0%	586,310	0.1%	25,138	4.1%	611,448	0.1%
	2032	255,236	0.4%	24,583	0.3%	10,383	0.1%	321,545	-0.1%	5,318	0.2%	60.5	-0.3%	6,227	0.0%	3,910	0.0%	586,918	0.1%	25,163	4.1%	612,081	0.1%
	2033	256,166	0.4%	24,658	0.3%	10,389	0.1%	321,129	-0.1%	5,328	0.2%	60.3	-0.3%	6,227	0.0%	3,910	0.0%	587,432	0.1%	25,183	4.1%	612,615	0.1%
	2034	256,992	0.3%	24,732	0.3%	10,391	0.0%	320,682	-0.1%	5,337	0.2%	60.1	-0.3%	6,227	0.0%	3,910	0.0%	587,811	0.1%	25,198	4.1%	613,009	0.1%
	2035	257,869	0.3%	24,806	0.3%	10,396	0.0%	320,221	-0.1%	5,346	0.2%	59.9	-0.3%	6,227	0.0%	3,910	0.0%	588,227	0.1%	25,214	4.1%	613,441	0.1%
	2036	258,670	0.3%	24,877	0.3%	10,398	0.0%	319,741	-0.1%	5,356	0.2%	59.7	-0.3%	6,227	0.0%	3,910	0.0%	588,548	0.1%	25,226	4.1%	613,774	0.1%
	2037	259,165	0.2%	24,947	0.3%	10,389	-0.1%	319,215	-0.2%	5,364	0.2%	59.5	-0.3%	6,227	0.0%	3,910	0.0%	588,518	0.0%	25,224	4.1%	613,742	0.0%
	2038	259,705	0.2%	25,019	0.3%	10,380	-0.1%	318,645	-0.2%	5,372	0.1%	59.3	-0.3%	6,227	0.0%	3,910	0.0%	588,487	0.0%	25,221	4.1%	613,708	0.0%
CAGR	2009-2018		1.2%		-0.1%		1.3%		-0.9%		0.0%		-0.9%		0.4%		-4.1%		-0.1%		3.6%		0.4%
	2019-2028		0.5%		0.4%		0.1%		0.1%		0.3%		-0.2%		0.0%		0.0%		0.3%		4.1%		0.3%
	2029-2038		0.3%		0.3%		0.0%		-0.1%		0.2%		-0.3%		0.0%		0.0%		0.1%		4.1%		0.1%

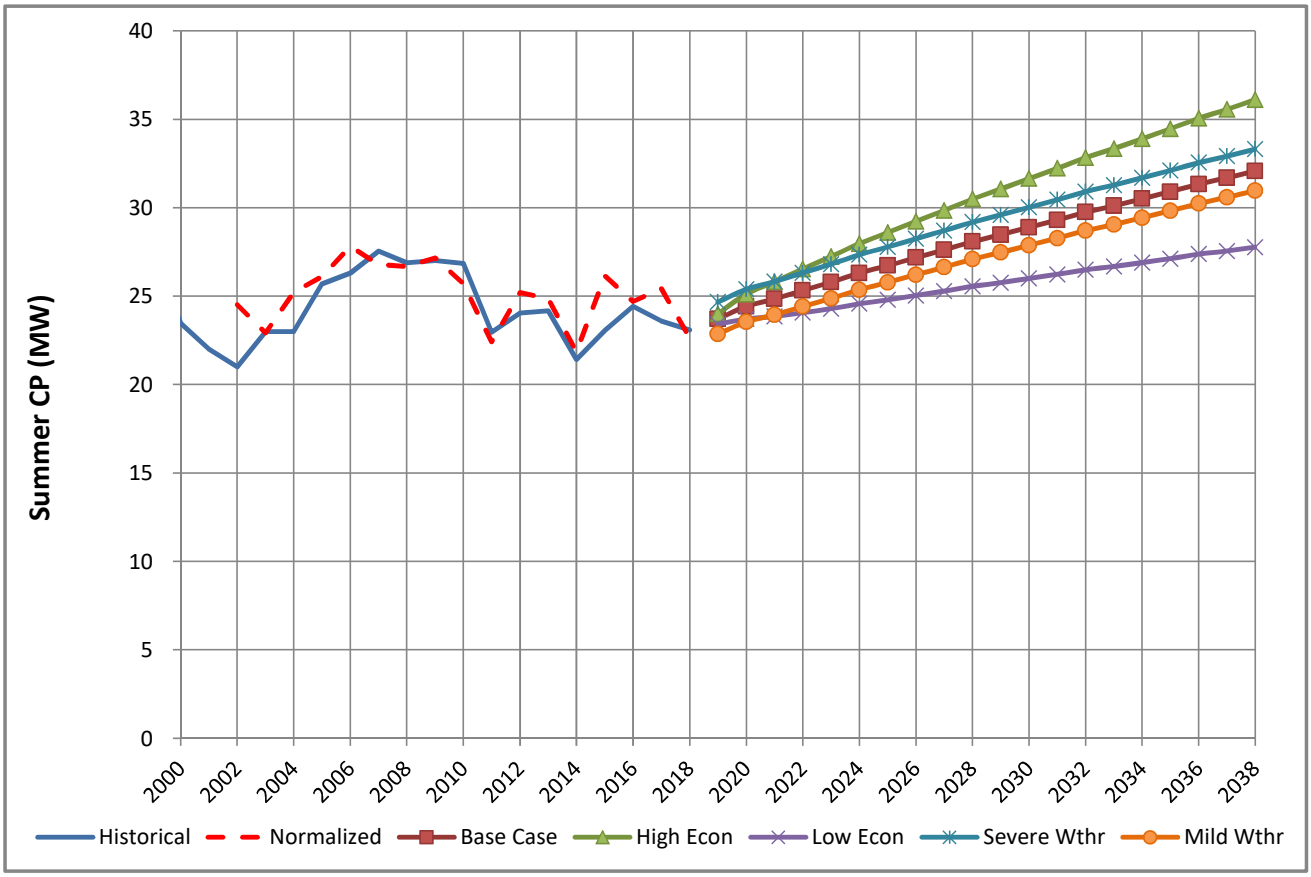
CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast

Green Cove Springs

Historical and Projected NEL and Annual Coincident Peak Demand





FMPA 2019 Load Forecast - Low Economic Case

Green Cove Springs (Full Req'ts)

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	127,346	-	127,563	-	0.2%	31.4	-	29.8	-	-5.2%	27.0	-	27.1		0.5%
	2010	131,721	3.4%	125,307	-1.8%	-4.9%	33.6	7.0%	28.0	-5.9%	-16.6%	26.8	-0.6%	25.7	-5.3%	-4.2%
	2011	124,697	-5.3%	119,675	-4.5%	-4.0%	29.6	-11.9%	31.3	11.5%	5.6%	23.0	-14.4%	21.0	-18.1%	-8.4%
	2012	114,590	-8.1%	115,822	-3.2%	1.1%	26.6	-10.3%	25.9	-17.2%	-2.5%	24.0	4.7%	25.2	19.7%	4.8%
	2013	113,318	-1.1%	113,788	-1.8%	0.4%	24.4	-8.3%	28.5	10.1%	17.0%	24.2	0.5%	24.9	-1.4%	2.9%
	2014	110,365	-2.6%	110,797	-2.6%	0.4%	24.2	-0.6%	27.7	-2.8%	14.5%	21.4	-11.4%	21.8	-12.1%	2.0%
	2015	111,412	0.9%	109,178	-1.5%	-2.0%	27.5	13.7%	27.9	0.8%	1.5%	23.1	7.7%	26.1	19.7%	13.4%
	2016	113,675	2.0%	110,843	1.5%	-2.5%	19.6	-28.8%	28.2	0.8%	43.6%	24.4	5.9%	24.7	-5.5%	1.1%
	2017	109,525	-3.7%	110,780	-0.1%	1.1%	16.8	-14.1%	24.6	-12.6%	46.1%	23.6	-3.4%	25.4	3.0%	7.9%
	2018	114,995	5.0%	110,825	0.0%	-3.6%	30.6	81.5%	30.2	22.6%	-1.3%	23.1	-2.1%	22.6	-11.0%	-2.0%
Projected	2019	112,720	-2.0%	112,720	1.7%		27.0	-11.7%	27.0	-10.6%		23.4	1.4%	23.4	3.4%	
	2020			114,077	1.2%				27.3	1.3%				23.7	1.3%	
	2021			114,598	0.5%				27.5	0.6%				23.8	0.6%	
	2022			115,643	0.9%				27.7	0.9%				24.1	0.9%	
	2023			116,713	0.9%				28.0	0.9%				24.3	0.9%	
	2024			118,029	1.1%				28.3	1.1%				24.6	1.1%	
	2025			119,090	0.9%				28.6	0.9%				24.8	0.9%	
	2026			120,284	1.0%				28.8	1.0%				25.0	1.0%	
	2027			121,463	1.0%				29.1	1.0%				25.3	1.0%	
	2028			122,777	1.1%				29.4	1.1%				25.6	1.1%	
	2029			123,764	0.8%				29.7	0.8%				25.8	0.8%	
	2030			124,934	0.9%				30.0	0.9%				26.0	0.9%	
	2031			126,060	0.9%				30.2	0.9%				26.2	0.9%	
	2032			127,305	1.0%				30.5	1.0%				26.5	1.0%	
	2033			128,203	0.7%				30.7	0.7%				26.7	0.7%	
	2034			129,255	0.8%				31.0	0.8%				26.9	0.8%	
	2035			130,334	0.8%				31.2	0.8%				27.1	0.8%	
	2036			131,565	0.9%				31.5	0.9%				27.4	0.9%	
	2037			132,430	0.7%				31.7	0.6%				27.6	0.6%	
	2038			133,454	0.8%				32.0	0.8%				27.8	0.8%	
CAGR [3]	2009-2018		-1.1%		-1.6%			-0.3%		0.1%			-1.7%		-2.0%	
	2019-2028				1.0%					1.0%					1.0%	
	2029-2038				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 2019 Load Forecast - Low Economic Case

Green Cove Springs (Full Req'ts)

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	127,346	-	127,563	-	0.2%	33.2	-	43.8%	27.0	-	53.8%
	2010	131,721	3.4%	125,307	-1.8%	-4.9%	33.6	1.3%	44.7%	27.4	1.3%	55.0%
	2011	124,697	-5.3%	119,675	-4.5%	-4.0%	31.1	-7.4%	45.7%	26.6	-2.9%	53.6%
	2012	114,590	-8.1%	115,822	-3.2%	1.1%	27.0	-13.2%	48.4%	24.1	-9.4%	54.4%
	2013	113,318	-1.1%	113,788	-1.8%	0.4%	26.2	-3.1%	49.3%	24.7	2.6%	52.4%
	2014	110,365	-2.6%	110,797	-2.6%	0.4%	26.8	2.1%	47.1%	24.1	-2.4%	52.3%
	2015	111,412	0.9%	109,178	-1.5%	-2.0%	27.5	2.8%	46.2%	24.6	2.2%	51.7%
	2016	113,675	2.0%	110,843	1.5%	-2.5%	26.1	-5.1%	49.7%	25.1	2.0%	51.7%
	2017	109,525	-3.7%	110,780	-0.1%	1.1%	23.8	-8.8%	52.5%	25.0	-0.5%	50.1%
	2018	114,995	5.0%	110,825	0.0%	-3.6%	31.1	30.7%	42.2%	23.9	-4.3%	54.9%
Projected	2019	112,720	-2.0%	112,720	1.7%		27.5	-11.7%	46.8%	24.4	2.0%	52.8%
	2020	114,077	1.2%	114,077	1.2%		27.8	1.3%	46.8%	24.7	1.3%	52.8%
	2021	114,598	0.5%	114,598	0.5%		28.0	0.6%	46.7%	24.8	0.6%	52.7%
	2022	115,643	0.9%	115,643	0.9%		28.3	0.9%	46.7%	25.1	0.9%	52.7%
	2023	116,713	0.9%	116,713	0.9%		28.5	0.9%	46.7%	25.3	0.9%	52.7%
	2024	118,029	1.1%	118,029	1.1%		28.8	1.1%	46.7%	25.6	1.1%	52.7%
	2025	119,090	0.9%	119,090	0.9%		29.1	0.9%	46.7%	25.8	0.9%	52.7%
	2026	120,284	1.0%	120,284	1.0%		29.4	1.0%	46.7%	26.1	1.0%	52.7%
	2027	121,463	1.0%	121,463	1.0%		29.7	1.0%	46.7%	26.3	1.0%	52.7%
	2028	122,777	1.1%	122,777	1.1%		30.0	1.1%	46.7%	26.6	1.1%	52.7%
	2029	123,764	0.8%	123,764	0.8%		30.2	0.8%	46.7%	26.8	0.8%	52.7%
	2030	124,934	0.9%	124,934	0.9%		30.5	0.9%	46.7%	27.1	0.9%	52.7%
	2031	126,060	0.9%	126,060	0.9%		30.8	0.9%	46.7%	27.3	0.9%	52.7%
	2032	127,305	1.0%	127,305	1.0%		31.1	1.0%	46.7%	27.6	1.0%	52.7%
	2033	128,203	0.7%	128,203	0.7%		31.3	0.7%	46.7%	27.8	0.7%	52.7%
	2034	129,255	0.8%	129,255	0.8%		31.6	0.8%	46.7%	28.0	0.8%	52.7%
	2035	130,334	0.8%	130,334	0.8%		31.8	0.8%	46.7%	28.2	0.8%	52.7%
	2036	131,565	0.9%	131,565	0.9%		32.1	0.9%	46.7%	28.5	0.9%	52.7%
	2037	132,430	0.7%	132,430	0.7%		32.4	0.6%	46.7%	28.7	0.6%	52.7%
	2038	133,454	0.8%	133,454	0.8%		32.6	0.8%	46.7%	28.9	0.8%	52.7%
CAGR [1]	2009-2018		-1.1%		-1.6%			-0.7%	46.9%		-1.4%	53.0%
	2019-2028		1.0%		1.0%			1.0%	46.7%		1.0%	52.7%
	2029-2038		0.8%		0.8%			0.8%	46.7%		0.8%	52.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Low Economic Case

Green Cove Springs (Full Req'ts)

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	10,715	9,632	9,241	8,897	10,819	12,125	12,195	12,449	11,938	10,777	8,624	9,866	127,278	127,346
	2010	12,260	10,208	9,420	8,695	11,562	12,509	12,944	13,135	11,722	9,238	8,352	11,909	131,954	131,721
	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	9,015	8,126	8,845	114,913	114,995
Projected	2019	9,493	8,129	8,197	7,979	9,414	10,266	11,361	11,623	10,273	8,976	8,187	8,826	112,723	112,720
	2020	9,578	8,356	8,266	8,085	9,548	10,418	11,544	11,814	10,478	8,984	8,206	8,860	114,138	114,077
	2021	9,623	8,255	8,315	8,137	9,614	10,495	11,633	11,908	10,568	9,063	8,279	8,940	114,831	114,598
	2022	9,710	8,331	8,390	8,212	9,703	10,592	11,740	12,016	10,666	9,148	8,358	9,024	115,890	115,643
	2023	9,798	8,409	8,468	8,289	9,793	10,689	11,847	12,125	10,765	9,236	8,439	9,112	116,970	116,713
	2024	9,892	8,644	8,552	8,373	9,893	10,798	11,967	12,248	10,876	9,332	8,528	9,206	118,309	118,029
	2025	9,992	8,581	8,640	8,460	9,996	10,909	12,088	12,370	10,986	9,429	8,617	9,301	119,370	119,090
	2026	10,091	8,668	8,727	8,546	10,097	11,017	12,206	12,490	11,094	9,523	8,704	9,393	120,558	120,284
	2027	10,188	8,754	8,813	8,632	10,198	11,125	12,324	12,609	11,202	9,617	8,790	9,485	121,735	121,463
	2028	10,284	8,996	8,898	8,715	10,296	11,230	12,437	12,723	11,305	9,708	8,874	9,574	123,040	122,777
Projected	2029	10,376	8,920	8,981	8,798	10,394	11,335	12,553	12,841	11,411	9,802	8,960	9,667	124,038	123,764
	2030	10,473	9,006	9,067	8,883	10,494	11,441	12,668	12,957	11,516	9,894	9,045	9,756	125,200	124,934
	2031	10,566	9,088	9,149	8,965	10,590	11,543	12,779	13,069	11,617	9,982	9,126	9,841	126,314	126,060
	2032	10,655	9,331	9,228	9,043	10,682	11,641	12,886	13,177	11,715	10,068	9,205	9,926	127,555	127,305
	2033	10,742	9,245	9,305	9,120	10,773	11,738	12,991	13,282	11,810	10,151	9,282	10,007	128,445	128,203
	2034	10,827	9,320	9,382	9,196	10,863	11,834	13,096	13,389	11,907	10,237	9,362	10,092	129,507	129,255
	2035	10,915	9,399	9,461	9,275	10,955	11,933	13,203	13,497	12,005	10,323	9,441	10,177	130,584	130,334
	2036	11,002	9,645	9,538	9,352	11,046	12,029	13,308	13,603	12,101	10,408	9,519	10,259	131,809	131,565
	2037	11,088	9,552	9,614	9,427	11,135	12,123	13,409	13,705	12,193	10,489	9,594	10,338	132,664	132,430
	2038	11,169	9,625	9,688	9,501	11,223	12,217	13,513	13,810	12,289	10,573	9,671	10,421	133,700	133,454

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.4%	7.6%	7.3%	7.0%	8.5%	9.5%	9.6%	9.8%	9.4%	8.5%	6.8%	7.8%	100.0%
	2010	9.3%	7.7%	7.1%	6.6%	8.8%	9.5%	9.8%	10.0%	8.9%	7.0%	6.3%	9.0%	100.0%
	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	10.0%	6.4%	7.0%	6.8%	8.3%	9.3%	9.5%	10.1%	10.0%	7.8%	7.1%	7.7%	100.0%
Projected	2019	8.4%	7.2%	7.3%	7.1%	8.4%	9.1%	10.1%	10.3%	9.1%	8.0%	7.3%	7.8%	100.0%
	2020	8.4%	7.3%	7.2%	7.1%	8.4%	9.1%	10.1%	10.4%	9.2%	7.9%	7.2%	7.8%	100.0%
	2021	8.4%	7.2%	7.2%	7.1%	8.4%	9.1%	10.1%	10.4%	9.2%	7.9%	7.2%	7.8%	100.0%
	2022	8.4%	7.2%	7.2%	7.1%	8.4%	9.1%	10.1%	10.4%	9.2%	7.9%	7.2%	7.8%	100.0%
	2023	8.4%	7.2%	7.2%	7.1%	8.4%	9.1%	10.1%	10.4%	9.2%	7.9%	7.2%	7.8%	100.0%
	2024	8.4%	7.3%	7.2%	7.1%	8.4%	9.1%	10.1%	10.4%	9.2%	7.9%	7.2%	7.8%	100.0%
	2025	8.4%	7.2%	7.2%	7.1%	8.4%	9.1%	10.1%	10.4%	9.2%	7.9%	7.2%	7.8%	100.0%
	2026	8.4%	7.2%	7.2%	7.1%	8.4%	9.1%	10.1%	10.4%	9.2%	7.9%	7.2%	7.8%	100.0%
	2027	8.4%	7.2%	7.2%	7.1%	8.4%	9.1%	10.1%	10.4%	9.2%	7.9%	7.2%	7.8%	100.0%
	2028	8.4%	7.3%	7.2%	7.1%	8.4%	9.1%	10.1%	10.3%	9.2%	7.9%	7.2%	7.8%	100.0%
Avg.	2009-2018	8.6%	7.1%	7.2%	7.3%	8.6%	9.4%	10.0%	10.2%	9.2%	7.9%	6.9%	7.6%	100.0%
	2019-2028	8.4%	7.2%	7.2%	7.1%	8.4%	9.1%	10.1%	10.4%	9.2%	7.9%	7.2%	7.8%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Low Economic Case

Green Cove Springs (Full Req'ts)

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	31.8	33.2	23.9	18.6	23.9	27.0	24.5	26.0	24.8	24.7	17.9	23.0	33.2	27.0
	2010	33.6	26.9	24.7	17.9	23.7	27.4	26.8	26.6	24.5	21.2	18.4	29.6	33.6	27.4
	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	19.5	16.8	20.6	31.1	23.9
Projected	2019	27.5	24.8	18.6	18.2	21.3	23.3	23.8	24.4	22.6	19.8	17.0	20.8	27.5	24.4
	2020	27.8	25.1	18.9	18.5	21.6	23.6	24.1	24.7	22.8	20.1	17.1	20.9	27.8	24.7
	2021	28.0	25.3	19.0	18.6	21.7	23.7	24.2	24.8	23.0	20.2	17.3	21.1	28.0	24.8
	2022	28.3	25.5	19.2	18.7	21.9	24.0	24.5	25.1	23.2	20.4	17.4	21.3	28.3	25.1
	2023	28.5	25.8	19.3	18.9	22.1	24.2	24.7	25.3	23.4	20.6	17.6	21.6	28.5	25.3
	2024	28.8	26.1	19.6	19.1	22.4	24.5	25.0	25.6	23.7	20.8	17.8	21.8	28.8	25.6
	2025	29.1	26.3	19.7	19.3	22.6	24.7	25.2	25.8	23.9	21.0	18.0	22.0	29.1	25.8
	2026	29.4	26.6	19.9	19.5	22.8	24.9	25.4	26.1	24.1	21.2	18.1	22.2	29.4	26.1
	2027	29.7	26.8	20.1	19.7	23.0	25.2	25.7	26.3	24.4	21.4	18.3	22.4	29.7	26.3
	2028	30.0	27.1	20.3	19.9	23.3	25.4	26.0	26.6	24.6	21.7	18.5	22.6	30.0	26.6
Projected	2029	30.2	27.3	20.5	20.1	23.5	25.6	26.2	26.8	24.8	21.8	18.7	22.8	30.2	26.8
	2030	30.5	27.6	20.7	20.2	23.7	25.9	26.4	27.1	25.0	22.0	18.8	23.0	30.5	27.1
	2031	30.8	27.8	20.9	20.4	23.9	26.1	26.7	27.3	25.3	22.2	19.0	23.3	30.8	27.3
	2032	31.1	28.1	21.1	20.6	24.1	26.4	26.9	27.6	25.5	22.5	19.1	23.4	31.1	27.6
	2033	31.3	28.3	21.2	20.8	24.3	26.6	27.1	27.8	25.7	22.6	19.3	23.6	31.3	27.8
	2034	31.6	28.5	21.4	20.9	24.5	26.8	27.3	28.0	25.9	22.8	19.5	23.8	31.6	28.0
	2035	31.8	28.8	21.6	21.1	24.7	27.0	27.6	28.2	26.1	23.0	19.6	24.0	31.8	28.2
	2036	32.1	29.0	21.8	21.3	24.9	27.3	27.8	28.5	26.4	23.2	19.8	24.2	32.1	28.5
	2037	32.4	29.2	21.9	21.4	25.1	27.4	28.0	28.7	26.5	23.4	19.9	24.4	32.4	28.7
	2038	32.6	29.5	22.1	21.6	25.3	27.6	28.2	28.9	26.7	23.5	20.1	24.6	32.6	28.9

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	45.4%	43.2%	51.9%	64.4%	67.5%	60.3%	69.0%	64.4%	66.9%	58.7%	64.6%	59.7%	43.8%	53.8%
	2010	49.0%	56.5%	51.3%	65.4%	72.6%	61.5%	67.0%	66.4%	66.5%	58.6%	61.0%	55.8%	44.8%	55.1%
	2011	47.3%	53.1%	70.4%	57.5%	65.5%	61.6%	67.8%	64.9%	66.2%	63.9%	67.2%	62.2%	44.1%	51.7%
	2012	47.6%	42.8%	67.4%	59.3%	68.9%	60.8%	69.2%	64.5%	65.5%	58.9%	52.1%	57.0%	49.0%	55.0%
	2013	53.0%	45.3%	48.0%	60.8%	68.6%	61.2%	67.2%	64.3%	63.0%	60.9%	59.4%	61.1%	48.7%	51.7%
	2014	52.4%	49.1%	56.9%	54.2%	68.2%	60.3%	65.3%	63.4%	58.4%	59.1%	43.2%	58.0%	47.1%	52.3%
	2015	52.4%	46.2%	71.0%	60.5%	66.6%	57.5%	64.8%	61.4%	60.6%	59.6%	54.4%	74.1%	45.9%	51.4%
	2016	49.5%	48.7%	64.0%	56.5%	63.5%	60.6%	67.4%	63.8%	67.2%	62.4%	61.0%	61.0%	49.7%	51.7%
	2017	47.9%	61.6%	50.3%	54.4%	64.8%	60.0%	65.9%	62.3%	58.4%	61.7%	64.2%	54.1%	53.3%	50.8%
	2018	49.4%	57.6%	58.6%	63.9%	66.8%	60.0%	63.6%	66.3%	66.8%	62.3%	65.0%	59.7%	42.1%	54.9%
Projected	2019	46.4%	48.7%	59.1%	58.8%	65.7%	59.2%	66.3%	64.1%	63.3%	60.8%	64.7%	58.9%	46.8%	52.8%
	2020	46.3%	47.7%	58.9%	58.9%	65.8%	59.3%	66.5%	64.3%	63.7%	60.1%	64.4%	58.7%	46.8%	52.8%
	2021	46.2%	48.6%	58.9%	58.9%	65.9%	59.4%	66.7%	64.5%	63.9%	60.3%	64.4%	58.7%	46.8%	52.8%
	2022	46.2%	48.6%	58.9%	58.9%	65.9%	59.4%	66.7%	64.5%	63.9%	60.3%	64.4%	58.7%	46.8%	52.8%
	2023	46.2%	48.6%	58.9%	58.9%	65.9%	59.4%	66.6%	64.4%	63.9%	60.3%	64.3%	58.6%	46.8%	52.8%
	2024	46.1%	47.6%	58.8%	58.8%	65.8%	59.3%	66.6%	64.4%	63.8%	60.2%	64.4%	58.7%	46.8%	52.8%
	2025	46.1%	48.6%	58.9%	58.9%	65.9%	59.4%	66.6%	64.4%	63.9%	60.3%	64.5%	58.7%	46.8%	52.8%
	2026	46.1%	48.6%	58.9%	58.9%	65.9%	59.4%	66.6%	64.4%	63.9%	60.3%	64.5%	58.7%	46.8%	52.8%
	2027	46.1%	48.6%	58.9%	58.9%	65.9%	59.4%	66.6%	64.4%	63.9%	60.3%	64.4%	58.7%	46.8%	52.8%
	2028	46.1%	47.7%	58.8%	58.9%	65.9%	59.3%	66.5%	64.3%	63.8%	60.2%	64.5%	58.8%	46.8%	52.8%
Avg.	2009-2018	49.4%	50.4%	59.0%	59.7%	67.3%	60.4%	66.7%	64.2%	64.0%	60.6%	59.2%	60.3%	46.8%	52.8%
	2019-2028	46.2%	48.3%	58.9%	58.9%	65.9%	59.4%	66.6%	64.4%	63.8%	60.3%	64.5%	58.7%	46.8%	52.8%

FMPA 2019 Load Forecast - Low Economic Case

Green Cove Springs (Full Req'ts)

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	31.8	31.4	23.9	18.3	23.4	27.0	24.5	25.6	24.3	24.1	12.4	23.0	31.4	27.0
	2010	33.6	26.9	24.7	17.2	22.5	26.8	26.8	26.4	23.9	20.5	14.8	29.6	33.6	26.8
	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	18.6	15.0	19.0	30.6	23.1
Projected	2019	27.0	24.0	17.1	17.7	20.7	22.9	22.9	23.4	21.6	19.0	15.2	19.2	27.0	23.4
	2020	27.3	24.3	17.3	17.9	20.9	23.2	23.1	23.7	21.9	19.2	15.3	19.3	27.3	23.7
	2021	27.5	24.4	17.4	18.0	21.1	23.3	23.3	23.8	22.0	19.4	15.4	19.5	27.5	23.8
	2022	27.7	24.6	17.6	18.2	21.2	23.5	23.5	24.1	22.2	19.5	15.6	19.7	27.7	24.1
	2023	28.0	24.9	17.7	18.4	21.4	23.8	23.7	24.3	22.5	19.7	15.7	19.9	28.0	24.3
	2024	28.3	25.1	17.9	18.6	21.7	24.0	24.0	24.6	22.7	19.9	15.9	20.1	28.3	24.6
	2025	28.6	25.4	18.1	18.7	21.9	24.3	24.2	24.8	22.9	20.1	16.0	20.3	28.6	24.8
	2026	28.8	25.6	18.3	18.9	22.1	24.5	24.4	25.0	23.1	20.3	16.2	20.5	28.8	25.0
	2027	29.1	25.9	18.5	19.1	22.3	24.7	24.7	25.3	23.4	20.5	16.4	20.7	29.1	25.3
	2028	29.4	26.1	18.7	19.3	22.6	25.0	25.0	25.6	23.6	20.7	16.5	20.9	29.4	25.6
Projected	2029	29.7	26.4	18.8	19.5	22.7	25.2	25.2	25.8	23.8	20.9	16.7	21.1	29.7	25.8
	2030	30.0	26.6	19.0	19.7	23.0	25.4	25.4	26.0	24.0	21.1	16.8	21.3	30.0	26.0
	2031	30.2	26.8	19.2	19.8	23.2	25.7	25.6	26.2	24.2	21.3	17.0	21.5	30.2	26.2
	2032	30.5	27.1	19.3	20.0	23.4	25.9	25.9	26.5	24.5	21.5	17.1	21.6	30.5	26.5
	2033	30.7	27.3	19.5	20.2	23.5	26.1	26.0	26.7	24.7	21.7	17.2	21.8	30.7	26.7
	2034	31.0	27.5	19.6	20.3	23.7	26.3	26.3	26.9	24.9	21.8	17.4	22.0	31.0	26.9
	2035	31.2	27.7	19.8	20.5	23.9	26.5	26.5	27.1	25.1	22.0	17.5	22.2	31.2	27.1
	2036	31.5	28.0	20.0	20.7	24.2	26.8	26.7	27.4	25.3	22.2	17.7	22.3	31.5	27.4
	2037	31.7	28.2	20.1	20.8	24.3	27.0	26.9	27.6	25.5	22.4	17.8	22.5	31.7	27.6
	2038	32.0	28.4	20.3	21.0	24.5	27.2	27.1	27.8	25.7	22.5	17.9	22.7	32.0	27.8

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	100.0%	94.7%	100.0%	98.6%	98.3%	100.0%	100.0%	98.4%	98.0%	97.7%	69.3%	100.0%	94.7%	100.0%
	2010	100.0%	100.0%	100.0%	96.1%	94.9%	98.1%	99.8%	99.4%	97.8%	96.9%	80.6%	100.0%	100.0%	98.1%
	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%	95.8%	89.3%	92.3%	98.2%	96.6%
Projected	2019	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2020	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2021	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2022	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2023	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2024	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2025	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2026	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2027	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2028	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2009-2018	98.1%	95.9%	91.7%	97.1%	97.0%	98.3%	96.5%	95.8%	96.0%	95.5%	88.7%	91.9%	91.5%	95.3%
	2019-2028	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%

FMPA 2019 Load Forecast - Low Economic Case - Green Cove Springs

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	45,874		3,127		14,673		11,564		524		22.1		50,529		107		471		10,562		3		3,521		3,314		121,843		5,503	4.3%	127,346	
	2010	48,100	4.9%	3,127	0.0%	15,381	4.8%	11,574	0.1%	529	0.9%	21.9	-0.8%	49,719	-1.6%	104	-2.8%	477	1.2%	9,877	-6.5%	3	0.0%	3,292	-6.5%	3,648	10.1%	122,918	0.9%	8,803	6.7%	131,721	3.4%
	2011	46,089	-4.2%	3,101	-0.8%	14,861	-3.4%	11,087	-4.2%	526	-0.5%	21.1	-3.7%	48,101	-3.3%	100	-3.8%	479	0.6%	8,159	-17.4%	3	0.0%	2,720	-17.4%	3,312	-9.2%	116,748	-5.0%	7,949	6.4%	124,697	-5.3%
	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%
Projected	2019	50,468	-1.5%	3,486	1.4%	14,478	-2.9%	9,135	-12.4%	555	-2.6%	16.4	-10.1%	45,679	0.0%	127	14.0%	360	-12.3%	0	0.0%	0	0.0%	0	0.0%	3,562	-1.5%	108,843	-1.9%	3,876	3.4%	112,720	-2.0%
	2020	50,108	-0.7%	3,503	0.5%	14,306	-1.2%	8,997	-1.5%	549	-1.1%	16.4	-0.4%	44,568	-2.4%	126	-0.8%	354	-1.7%	2,429	0.0%	1	0.0%	2,298	0.0%	3,481	-2.3%	109,583	0.7%	4,494	3.9%	114,077	1.2%
	2021	50,416	0.6%	3,525	0.6%	14,301	0.0%	9,028	0.3%	549	-0.1%	16.5	0.4%	44,579	0.0%	126	-0.1%	354	0.1%	2,716	11.8%	1	11.8%	2,297	0.0%	3,484	0.1%	110,222	0.6%	4,375	3.8%	114,598	0.5%
	2022	50,827	0.8%	3,552	0.8%	14,309	0.1%	9,087	0.7%	550	0.3%	16.5	0.4%	44,808	0.5%	126	0.1%	356	0.4%	3,003	10.6%	1	10.6%	2,297	0.0%	3,503	0.6%	111,227	0.9%	4,415	3.8%	115,643	0.9%
	2023	51,186	0.7%	3,579	0.8%	14,300	-0.1%	9,155	0.8%	553	0.4%	16.6	0.3%	45,098	0.6%	126	0.2%	357	0.4%	3,289	9.5%	1	9.6%	2,297	0.0%	3,528	0.7%	112,257	0.9%	4,456	3.8%	116,713	0.9%
	2024	51,593	0.8%	3,605	0.7%	14,313	0.1%	9,231	0.8%	556	0.5%	16.6	0.3%	45,421	0.7%	127	0.3%	359	0.5%	3,576	8.7%	2	8.7%	2,296	0.0%	3,557	0.8%	113,377	1.0%	4,652	3.9%	118,029	1.1%
	2025	52,015	0.8%	3,630	0.7%	14,329	0.1%	9,312	0.9%	559	0.6%	16.7	0.3%	45,767	0.8%	127	0.3%	361	0.5%	3,863	8.0%	2	8.0%	2,296	0.0%	3,587	0.9%	114,543	1.0%	4,547	3.8%	119,090	0.9%
	2026	52,399	0.7%	3,655	0.7%	14,336	0.0%	9,397	0.9%	562	0.6%	16.7	0.3%	46,128	0.8%	127	0.3%	362	0.5%	4,149	7.4%	2	7.4%	2,296	0.0%	3,618	0.9%	115,692	1.0%	4,593	3.8%	120,284	1.0%
	2027	52,774	0.7%	3,680	0.7%	14,341	0.0%	9,480	0.9%	566	0.6%	16.8	0.3%	46,485	0.8%	128	0.3%	364	0.5%	4,436	6.9%	2	6.9%	2,296	0.0%	3,650	0.9%	116,825	1.0%	4,637	3.8%	121,463	1.0%
	2028	53,126	0.7%	3,704	0.7%	14,343	0.0%	9,564	0.9%	569	0.6%	16.8	0.3%	46,843	0.8%	128	0.3%	366	0.5%	4,723	6.5%	2	6.5%	2,296	0.0%	3,681	0.9%	117,937	1.0%	4,839	3.9%	122,777	1.1%
	2029	53,461	0.6%	3,727	0.6%	14,346	0.0%	9,649	0.9%	573	0.6%	16.9	0.3%	47,206	0.8%	128	0.3%	367	0.5%	5,009	6.1%	2	6.1%	2,295	0.0%	3,713	0.9%	119,039	0.9%	4,725	3.8%	123,764	0.8%
	2030	53,821	0.7%	3,750	0.6%	14,351	0.0%	9,735	0.9%	576	0.6%	16.9	0.3%	47,568	0.8%	129	0.3%	369	0.5%	5,296	5.7%	2	5.7%	2,295	0.0%	3,745	0.9%	120,164	0.9%	4,770	3.8%	124,934	0.9%
	2031	54,157	0.6%	3,772	0.6%	14,357	0.0%	9,816	0.8%	579	0.6%	16.9	0.3%	47,915	0.7%	129	0.3%	371	0.4%	5,583	5.4%	2	5.4%	2,295	0.0%	3,775	0.8%	121,247	0.9%	4,813	3.8%	126,060	0.9%
	2032	54,475	0.6%	3,794	0.6%	14,358	0.0%	9,894	0.8%	583	0.5%	17.0	0.2%	48,244	0.7%	130	0.3%	372	0.4%	5,869	5.1%	3	5.1%	2,295	0.0%	3,804	0.8%	122,287	0.9%	5,018	3.9%	127,305	1.0%
	2033	54,780	0.6%	3,815	0.5%	14,360	0.0%	9,970	0.8%	586	0.5%	17.0	0.2%	48,569	0.7%	130	0.3%	374	0.4%	6,156	4.9%	3	4.9%	2,295	0.0%	3,833	0.8%	123,309	0.8%	4,895	3.8%	128,203	0.7%
	2034	55,074	0.5%	3,834	0.5%	14,364	0.0%	10,047	0.8%	589	0.5%	17.1	0.2%	48,895	0.7%	130	0.3%	375	0.4%	6,443	4.7%	3	4.7%	2,295	0.0%	3,862	0.7%	124,321	0.8%	4,935	3.8%	129,255	0.8%
	2035	55,378	0.6%	3,855	0.5%	14,366	0.0%	10,127	0.8%	592	0.5%	17.1	0.2%	49,232	0.7%	131	0.3%	377	0.4%	6,729	4.4%	3	4.5%	2,295	0.0%	3,891	0.8%	125,358	0.8%	4,976	3.8%	130,334	0.8%
	2036	55,659	0.5%	3,873	0.5%	14,369	0.0%	10,208	0.8%	595	0.6%	17.1	0.2%	49,574	0.7%	131	0.3%	379	0.4%	7,016	4.3%	3	4.3%	2,295	0.0%	3,922	0.8%	126,379	0.8%	5,186	3.9%	131,565	0.9%
	2037	55,946	0.5%	3,891	0.5%	14,378	0.1%	10,284	0.7%	598	0.5%	17.2	0.2%	49,892	0.6%	131	0.3%	380	0.4%	7,303	4.1%	3	4.1%	2,295	0.0%	3,950	0.7%	127,374	0.8%	5,056	3.8%	132,430	0.7%
	2038	56,245	0.5%	3,908	0.4%	14,391	0.1%	10,355	0.7%	601	0.5%	17.2	0.2%	50,193	0.6%	132	0.2%	381	0.4%	7,589	3.9%	3	3.9%	2,295	0.0%	3,976	0.7%	128,359	0.8%	5,095	3.8%	133,454	0.8%
CAGR	2009-2018		1.2%		1.1%		0.2%		-1.1%		0.9%		-2.1%		-1.1%		0.4%		-1.5%		-100.0%		-100.0%		-100.0%		1.0%		-1.0%		6.1%		-1.1%
	2019-2028		0.6%		0.7%		-0.1%		0.5%		0.3%		0.2%		0.3%		0.1%		0.2%		0.0%		0.0%		0.0%		0.4%		0.9%		3.8%		1.0%
	2029-2038		0.6%		0.5%		0.0%		0.8%		0.5%		0.2%		0.7%		0.3%		0.4%		8.4%		8.4%		0.0%		0.8%		0.8%		3.8%		0.8%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - High Economic Case

Green Cove Springs (Full Req'ts)

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	127,346	-	127,563	-	0.2%	31.4	-	29.8	-	-5.2%	27.0	-	27.1		0.5%
	2010	131,721	3.4%	125,307	-1.8%	-4.9%	33.6	7.0%	28.0	-5.9%	-16.6%	26.8	-0.6%	25.7	-5.3%	-4.2%
	2011	124,697	-5.3%	119,675	-4.5%	-4.0%	29.6	-11.9%	31.3	11.5%	5.6%	23.0	-14.4%	21.0	-18.1%	-8.4%
	2012	114,590	-8.1%	115,822	-3.2%	1.1%	26.6	-10.3%	25.9	-17.2%	-2.5%	24.0	4.7%	25.2	19.7%	4.8%
	2013	113,318	-1.1%	113,788	-1.8%	0.4%	24.4	-8.3%	28.5	10.1%	17.0%	24.2	0.5%	24.9	-1.4%	2.9%
	2014	110,365	-2.6%	110,797	-2.6%	0.4%	24.2	-0.6%	27.7	-2.8%	14.5%	21.4	-11.4%	21.8	-12.1%	2.0%
	2015	111,412	0.9%	109,178	-1.5%	-2.0%	27.5	13.7%	27.9	0.8%	1.5%	23.1	7.7%	26.1	19.7%	13.4%
	2016	113,675	2.0%	110,843	1.5%	-2.5%	19.6	-28.8%	28.2	0.8%	43.6%	24.4	5.9%	24.7	-5.5%	1.1%
	2017	109,525	-3.7%	110,780	-0.1%	1.1%	16.8	-14.1%	24.6	-12.6%	46.1%	23.6	-3.4%	25.4	3.0%	7.9%
	2018	114,995	5.0%	110,825	0.0%	-3.6%	30.6	81.5%	30.2	22.6%	-1.3%	23.1	-2.1%	22.6	-11.0%	-2.0%
Projected	2019	114,470	-0.5%	114,470	3.3%		27.7	-9.5%	27.7	-8.3%		24.0	4.0%	24.0	6.0%	
	2020			120,144	5.0%				28.9	4.6%				25.1	4.6%	
	2021			123,443	2.7%				29.7	2.8%				25.8	2.8%	
	2022			126,978	2.9%				30.6	2.8%				26.5	2.8%	
	2023			130,401	2.7%				31.4	2.7%				27.2	2.7%	
	2024			133,902	2.7%				32.2	2.7%				28.0	2.7%	
	2025			136,949	2.3%				32.9	2.2%				28.6	2.2%	
	2026			140,024	2.2%				33.7	2.2%				29.2	2.2%	
	2027			143,014	2.1%				34.4	2.1%				29.8	2.1%	
	2028			146,156	2.2%				35.1	2.2%				30.5	2.2%	
	2029			148,850	1.8%				35.8	1.8%				31.0	1.8%	
	2030			151,708	1.9%				36.5	1.9%				31.6	1.9%	
	2031			154,539	1.9%				37.1	1.8%				32.2	1.8%	
	2032			157,455	1.9%				37.8	1.9%				32.8	1.9%	
	2033			159,933	1.6%				38.4	1.6%				33.3	1.6%	
	2034			162,621	1.7%				39.1	1.7%				33.9	1.7%	
	2035			165,302	1.6%				39.7	1.7%				34.5	1.7%	
	2036			168,201	1.8%				40.4	1.7%				35.1	1.7%	
	2037			170,611	1.4%				41.0	1.4%				35.6	1.4%	
	2038			173,257	1.6%				41.6	1.5%				36.1	1.5%	
CAGR [3]	2009-2018		-1.1%		-1.6%			-0.3%		0.1%			-1.7%		-2.0%	
	2019-2028				2.8%					2.7%					2.7%	
	2029-2038				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 2019 Load Forecast - High Economic Case

Green Cove Springs (Full Req'ts)

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	127,346	-	127,563	-	0.2%	33.2	-	43.8%	27.0	-	53.8%
	2010	131,721	3.4%	125,307	-1.8%	-4.9%	33.6	1.3%	44.7%	27.4	1.3%	55.0%
	2011	124,697	-5.3%	119,675	-4.5%	-4.0%	31.1	-7.4%	45.7%	26.6	-2.9%	53.6%
	2012	114,590	-8.1%	115,822	-3.2%	1.1%	27.0	-13.2%	48.4%	24.1	-9.4%	54.4%
	2013	113,318	-1.1%	113,788	-1.8%	0.4%	26.2	-3.1%	49.3%	24.7	2.6%	52.4%
	2014	110,365	-2.6%	110,797	-2.6%	0.4%	26.8	2.1%	47.1%	24.1	-2.4%	52.3%
	2015	111,412	0.9%	109,178	-1.5%	-2.0%	27.5	2.8%	46.2%	24.6	2.2%	51.7%
	2016	113,675	2.0%	110,843	1.5%	-2.5%	26.1	-5.1%	49.7%	25.1	2.0%	51.7%
	2017	109,525	-3.7%	110,780	-0.1%	1.1%	23.8	-8.8%	52.5%	25.0	-0.5%	50.1%
	2018	114,995	5.0%	110,825	0.0%	-3.6%	31.1	30.7%	42.2%	23.9	-4.3%	54.9%
Projected	2019	114,470	-0.5%	114,470	3.3%		28.2	-9.5%	46.4%	25.0	4.6%	52.3%
	2020	120,144	5.0%	120,144	5.0%		29.5	4.6%	46.5%	26.1	4.6%	52.5%
	2021	123,443	2.7%	123,443	2.7%		30.3	2.8%	46.5%	26.9	2.8%	52.5%
	2022	126,978	2.9%	126,978	2.9%		31.2	2.8%	46.5%	27.6	2.8%	52.5%
	2023	130,401	2.7%	130,401	2.7%		32.0	2.7%	46.5%	28.4	2.7%	52.5%
	2024	133,902	2.7%	133,902	2.7%		32.8	2.7%	46.6%	29.1	2.7%	52.5%
	2025	136,949	2.3%	136,949	2.3%		33.6	2.2%	46.6%	29.8	2.2%	52.5%
	2026	140,024	2.2%	140,024	2.2%		34.3	2.2%	46.6%	30.4	2.2%	52.5%
	2027	143,014	2.1%	143,014	2.1%		35.0	2.1%	46.6%	31.1	2.1%	52.5%
	2028	146,156	2.2%	146,156	2.2%		35.8	2.2%	46.6%	31.7	2.2%	52.6%
	2029	148,850	1.8%	148,850	1.8%		36.5	1.8%	46.6%	32.3	1.8%	52.6%
	2030	151,708	1.9%	151,708	1.9%		37.2	1.9%	46.6%	32.9	1.9%	52.6%
	2031	154,539	1.9%	154,539	1.9%		37.8	1.8%	46.6%	33.6	1.8%	52.6%
	2032	157,455	1.9%	157,455	1.9%		38.5	1.9%	46.6%	34.2	1.9%	52.6%
	2033	159,933	1.6%	159,933	1.6%		39.2	1.6%	46.6%	34.7	1.6%	52.6%
	2034	162,621	1.7%	162,621	1.7%		39.8	1.7%	46.6%	35.3	1.7%	52.6%
	2035	165,302	1.6%	165,302	1.6%		40.5	1.7%	46.6%	35.9	1.7%	52.6%
	2036	168,201	1.8%	168,201	1.8%		41.2	1.7%	46.6%	36.5	1.7%	52.6%
	2037	170,611	1.4%	170,611	1.4%		41.8	1.4%	46.6%	37.0	1.4%	52.6%
	2038	173,257	1.6%	173,257	1.6%		42.4	1.5%	46.7%	37.6	1.5%	52.6%
CAGR [1]	2009-2018		-1.1%		-1.6%			-0.7%	46.9%		-1.4%	53.0%
	2019-2028		2.8%		2.8%			2.7%	46.5%		2.7%	52.5%
	2029-2038		1.7%		1.7%			1.7%	46.6%		1.7%	52.6%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - High Economic Case

Green Cove Springs (Full Req'ts)

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	10,715	9,632	9,241	8,897	10,819	12,125	12,195	12,449	11,938	10,777	8,624	9,866	127,278	127,346
	2010	12,260	10,208	9,420	8,695	11,562	12,509	12,944	13,135	11,722	9,238	8,352	11,909	131,954	131,721
	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	9,015	8,126	8,845	114,913	114,995
Projected	2019	9,528	8,191	8,292	8,104	9,599	10,504	11,664	11,977	10,626	9,318	8,535	9,234	115,572	114,470
	2020	10,028	8,769	8,698	8,528	10,092	11,023	12,232	12,542	11,145	9,581	8,772	9,487	120,897	120,144
	2021	10,310	8,862	8,947	8,775	10,384	11,346	12,592	12,911	11,475	9,863	9,029	9,763	124,257	123,443
	2022	10,611	9,119	9,204	9,025	10,678	11,668	12,948	13,273	11,797	10,136	9,277	10,031	127,767	126,978
	2023	10,901	9,368	9,452	9,266	10,963	11,980	13,293	13,625	12,109	10,402	9,518	10,290	131,168	130,401
	2024	11,183	9,782	9,693	9,502	11,240	12,283	13,629	13,966	12,412	10,661	9,753	10,543	134,649	133,902
	2025	11,457	9,845	9,927	9,730	11,509	12,575	13,952	14,294	12,703	10,910	9,980	10,786	137,666	136,949
	2026	11,718	10,069	10,151	9,948	11,765	12,854	14,258	14,605	12,980	11,147	10,196	11,018	140,710	140,024
	2027	11,968	10,285	10,367	10,161	12,016	13,127	14,561	14,913	13,255	11,383	10,411	11,249	143,697	143,014
	2028	12,218	10,688	10,582	10,371	12,263	13,396	14,857	15,215	13,523	11,613	10,621	11,475	146,822	146,156
Projected	2029	12,460	10,709	10,791	10,576	12,505	13,658	15,146	15,509	13,786	11,839	10,827	11,696	149,503	148,850
	2030	12,698	10,915	10,999	10,780	12,745	13,920	15,436	15,804	14,049	12,066	11,035	11,919	152,365	151,708
	2031	12,938	11,122	11,205	10,981	12,982	14,177	15,719	16,091	14,304	12,285	11,234	12,132	155,170	154,539
	2032	13,167	11,521	11,402	11,174	13,210	14,424	15,990	16,367	14,550	12,496	11,427	12,339	158,066	157,455
	2033	13,389	11,512	11,596	11,365	13,435	14,669	16,262	16,644	14,798	12,709	11,622	12,550	160,552	159,933
	2034	13,615	11,707	11,791	11,557	13,661	14,914	16,532	16,919	15,043	12,920	11,815	12,756	163,231	162,621
	2035	13,838	11,900	11,986	11,748	13,887	15,161	16,804	17,196	15,291	13,135	12,012	12,968	165,926	165,302
	2036	14,064	12,312	12,181	11,939	14,112	15,404	17,072	17,468	15,533	13,343	12,201	13,172	168,802	168,201
	2037	14,282	12,285	12,371	12,127	14,333	15,645	17,337	17,739	15,775	13,552	12,392	13,377	171,216	170,611
	2038	14,504	12,477	12,563	12,315	14,555	15,887	17,605	18,012	16,019	13,761	12,583	13,582	173,863	173,257

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.4%	7.6%	7.3%	7.0%	8.5%	9.5%	9.6%	9.8%	9.4%	8.5%	6.8%	7.8%	100.0%
	2010	9.3%	7.7%	7.1%	6.6%	8.8%	9.5%	9.8%	10.0%	8.9%	7.0%	6.3%	9.0%	100.0%
	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	10.0%	6.4%	7.0%	6.8%	8.3%	9.3%	9.5%	10.1%	10.0%	7.8%	7.1%	7.7%	100.0%
Projected	2019	8.2%	7.1%	7.2%	7.0%	8.3%	9.1%	10.1%	10.4%	9.2%	8.1%	7.4%	8.0%	100.0%
	2020	8.3%	7.3%	7.2%	7.1%	8.3%	9.1%	10.1%	10.4%	9.2%	7.9%	7.3%	7.8%	100.0%
	2021	8.3%	7.1%	7.2%	7.1%	8.4%	9.1%	10.1%	10.4%	9.2%	7.9%	7.3%	7.9%	100.0%
	2022	8.3%	7.1%	7.2%	7.1%	8.4%	9.1%	10.1%	10.4%	9.2%	7.9%	7.3%	7.9%	100.0%
	2023	8.3%	7.1%	7.2%	7.1%	8.4%	9.1%	10.1%	10.4%	9.2%	7.9%	7.3%	7.8%	100.0%
	2024	8.3%	7.3%	7.2%	7.1%	8.3%	9.1%	10.1%	10.4%	9.2%	7.9%	7.2%	7.8%	100.0%
	2025	8.3%	7.2%	7.2%	7.1%	8.4%	9.1%	10.1%	10.4%	9.2%	7.9%	7.2%	7.8%	100.0%
	2026	8.3%	7.2%	7.2%	7.1%	8.4%	9.1%	10.1%	10.4%	9.2%	7.9%	7.2%	7.8%	100.0%
	2027	8.3%	7.2%	7.2%	7.1%	8.4%	9.1%	10.1%	10.4%	9.2%	7.9%	7.2%	7.8%	100.0%
	2028	8.3%	7.3%	7.2%	7.1%	8.4%	9.1%	10.1%	10.4%	9.2%	7.9%	7.2%	7.8%	100.0%
Avg.	2009-2018	8.6%	7.1%	7.2%	7.3%	8.6%	9.4%	10.0%	10.2%	9.2%	7.9%	6.9%	7.6%	100.0%
	2019-2028	8.3%	7.2%	7.2%	7.1%	8.4%	9.1%	10.1%	10.4%	9.2%	7.9%	7.3%	7.9%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - High Economic Case

Green Cove Springs (Full Req'ts)

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	31.8	33.2	23.9	18.6	23.9	27.0	24.5	26.0	24.8	24.7	17.9	23.0	33.2	27.0
	2010	33.6	26.9	24.7	17.9	23.7	27.4	26.8	26.6	24.5	21.2	18.4	29.6	33.6	27.4
	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	19.5	17.2	21.1	31.1	23.9
Projected	2019	28.2	25.5	19.1	18.7	21.8	23.9	24.4	25.0	23.1	20.3	18.0	22.1	28.2	25.0
	2020	29.5	26.6	20.0	19.5	22.9	25.0	25.5	26.1	24.2	21.3	18.5	22.7	29.5	26.1
	2021	30.3	27.4	20.5	20.1	23.5	25.7	26.2	26.9	24.9	21.9	19.0	23.3	30.3	26.9
	2022	31.2	28.1	21.1	20.7	24.2	26.4	27.0	27.6	25.6	22.5	19.5	23.9	31.2	27.6
	2023	32.0	28.9	21.7	21.2	24.8	27.1	27.7	28.4	26.2	23.1	20.1	24.6	32.0	28.4
	2024	32.8	29.7	22.3	21.8	25.5	27.8	28.4	29.1	26.9	23.7	20.5	25.1	32.8	29.1
	2025	33.6	30.3	22.8	22.3	26.0	28.5	29.1	29.8	27.5	24.2	21.0	25.7	33.6	29.8
	2026	34.3	31.0	23.3	22.7	26.6	29.1	29.7	30.4	28.1	24.8	21.4	26.2	34.3	30.4
	2027	35.0	31.7	23.8	23.2	27.2	29.7	30.3	31.1	28.7	25.3	21.9	26.8	35.0	31.1
	2028	35.8	32.3	24.3	23.7	27.8	30.4	31.0	31.7	29.4	25.8	22.3	27.3	35.8	31.7
Projected	2029	36.5	32.9	24.7	24.2	28.3	30.9	31.6	32.3	29.9	26.3	22.7	27.8	36.5	32.3
	2030	37.2	33.6	25.2	24.6	28.8	31.5	32.2	32.9	30.5	26.8	23.1	28.3	37.2	32.9
	2031	37.8	34.2	25.6	25.1	29.3	32.1	32.8	33.6	31.0	27.3	23.6	28.8	37.8	33.6
	2032	38.5	34.8	26.1	25.6	29.9	32.7	33.4	34.2	31.6	27.8	23.9	29.3	38.5	34.2
	2033	39.2	35.4	26.5	26.0	30.4	33.2	33.9	34.7	32.1	28.3	24.3	29.8	39.2	34.7
	2034	39.8	36.0	27.0	26.4	30.9	33.8	34.5	35.3	32.7	28.7	24.7	30.3	39.8	35.3
	2035	40.5	36.6	27.4	26.8	31.4	34.3	35.0	35.9	33.2	29.2	25.2	30.8	40.5	35.9
	2036	41.2	37.2	27.9	27.3	31.9	34.9	35.6	36.5	33.8	29.7	25.5	31.2	41.2	36.5
	2037	41.8	37.7	28.3	27.7	32.4	35.4	36.1	37.0	34.3	30.1	25.9	31.7	41.8	37.0
	2038	42.4	38.3	28.7	28.1	32.9	35.9	36.7	37.6	34.8	30.6	26.3	32.2	42.4	37.6

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	45.4%	43.2%	51.9%	64.4%	67.5%	60.3%	69.0%	64.4%	66.9%	58.7%	64.6%	59.7%	43.8%	53.8%
	2010	49.0%	56.5%	51.3%	65.4%	72.6%	61.5%	67.0%	66.4%	66.5%	58.6%	61.0%	55.8%	44.8%	55.1%
	2011	47.3%	53.1%	70.4%	57.5%	65.5%	61.6%	67.8%	64.9%	66.2%	63.9%	67.2%	62.2%	44.1%	51.7%
	2012	47.6%	42.8%	67.4%	59.3%	68.9%	60.8%	69.2%	64.5%	65.5%	58.9%	52.1%	57.0%	49.0%	55.0%
	2013	53.0%	45.3%	48.0%	60.8%	68.6%	61.2%	67.2%	64.3%	63.0%	60.9%	59.4%	61.1%	48.7%	51.7%
	2014	52.4%	49.1%	56.9%	54.2%	68.2%	60.3%	65.3%	63.4%	58.4%	59.1%	43.2%	58.0%	47.1%	52.3%
	2015	52.4%	46.2%	71.0%	60.5%	66.6%	57.5%	64.8%	61.4%	60.6%	59.6%	54.4%	74.1%	45.9%	51.4%
	2016	49.5%	48.7%	64.0%	56.5%	63.5%	60.6%	67.4%	63.8%	67.2%	62.4%	61.0%	61.0%	49.7%	51.7%
	2017	47.9%	61.6%	50.3%	54.4%	64.8%	60.0%	65.9%	62.3%	58.4%	61.7%	64.2%	54.1%	53.3%	50.8%
	2018	49.4%	57.6%	58.6%	63.9%	66.8%	60.0%	63.6%	66.3%	66.8%	62.3%	63.4%	58.3%	42.1%	54.9%
Projected	2019	45.4%	47.9%	58.3%	58.3%	65.4%	59.1%	66.4%	64.4%	63.8%	61.6%	63.7%	58.2%	46.8%	52.8%
	2020	45.7%	47.3%	58.5%	58.6%	65.7%	59.3%	66.6%	64.5%	64.0%	60.5%	63.7%	58.1%	46.8%	52.8%
	2021	45.7%	48.2%	58.6%	58.7%	65.8%	59.4%	66.7%	64.6%	64.1%	60.6%	63.7%	58.2%	46.8%	52.8%
	2022	45.8%	48.2%	58.6%	58.7%	65.8%	59.4%	66.7%	64.6%	64.1%	60.6%	63.8%	58.2%	46.8%	52.8%
	2023	45.8%	48.2%	58.6%	58.7%	65.8%	59.4%	66.7%	64.6%	64.1%	60.5%	63.7%	58.2%	46.8%	52.8%
	2024	45.8%	47.4%	58.5%	58.7%	65.7%	59.3%	66.6%	64.5%	64.0%	60.5%	63.9%	58.3%	46.8%	52.8%
	2025	45.9%	48.3%	58.6%	58.8%	65.8%	59.4%	66.7%	64.5%	64.1%	60.5%	64.0%	58.4%	46.8%	52.8%
	2026	45.9%	48.3%	58.7%	58.8%	65.8%	59.4%	66.7%	64.5%	64.0%	60.5%	64.0%	58.4%	46.8%	52.8%
	2027	45.9%	48.3%	58.7%	58.8%	65.8%	59.4%	66.7%	64.5%	64.0%	60.5%	63.9%	58.3%	46.8%	52.8%
	2028	45.9%	47.5%	58.6%	58.7%	65.7%	59.3%	66.6%	64.4%	63.9%	60.4%	64.1%	58.4%	46.8%	52.8%
Avg.	2009-2018	49.4%	50.4%	59.0%	59.7%	67.3%	60.4%	66.7%	64.2%	64.0%	60.6%	59.0%	60.1%	46.8%	52.8%
	2019-2028	45.8%	48.0%	58.6%	58.7%	65.7%	59.3%	66.6%	64.5%	64.0%	60.6%	63.8%	58.3%	46.8%	52.8%

FMPA 2019 Load Forecast - High Economic Case

Green Cove Springs (Full Req'ts)

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	31.8	31.4	23.9	18.3	23.4	27.0	24.5	25.6	24.3	24.1	12.4	23.0	31.4	27.0
	2010	33.6	26.9	24.7	17.2	22.5	26.8	26.8	26.4	23.9	20.5	14.8	29.6	33.6	26.8
	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	18.6	15.4	19.5	30.6	23.1
Projected	2019	27.7	24.6	17.5	18.1	21.2	23.5	23.4	24.0	22.2	19.5	16.1	20.4	27.7	24.0
	2020	28.9	25.7	18.3	19.0	22.2	24.6	24.5	25.1	23.2	20.4	16.5	20.9	28.9	25.1
	2021	29.7	26.4	18.8	19.5	22.8	25.2	25.2	25.8	23.9	20.9	17.0	21.5	29.7	25.8
	2022	30.6	27.2	19.4	20.1	23.4	26.0	25.9	26.5	24.5	21.5	17.5	22.1	30.6	26.5
	2023	31.4	27.9	19.9	20.6	24.0	26.6	26.6	27.2	25.2	22.1	17.9	22.7	31.4	27.2
	2024	32.2	28.6	20.4	21.1	24.7	27.4	27.3	28.0	25.8	22.7	18.3	23.2	32.2	28.0
	2025	32.9	29.3	20.9	21.6	25.2	28.0	27.9	28.6	26.4	23.2	18.7	23.7	32.9	28.6
	2026	33.7	29.9	21.3	22.1	25.8	28.6	28.5	29.2	27.0	23.7	19.1	24.2	33.7	29.2
	2027	34.4	30.5	21.8	22.6	26.3	29.2	29.1	29.8	27.6	24.2	19.5	24.7	34.4	29.8
	2028	35.1	31.2	22.3	23.1	26.9	29.8	29.8	30.5	28.2	24.8	19.9	25.2	35.1	30.5
Projected	2029	35.8	31.8	22.7	23.5	27.4	30.4	30.3	31.0	28.7	25.2	20.3	25.7	35.8	31.0
	2030	36.5	32.4	23.1	23.9	27.9	31.0	30.9	31.6	29.3	25.7	20.7	26.1	36.5	31.6
	2031	37.1	33.0	23.5	24.4	28.4	31.5	31.5	32.2	29.8	26.2	21.0	26.6	37.1	32.2
	2032	37.8	33.6	24.0	24.8	29.0	32.1	32.1	32.8	30.3	26.6	21.4	27.0	37.8	32.8
	2033	38.4	34.1	24.3	25.2	29.4	32.6	32.6	33.3	30.8	27.1	21.7	27.5	38.4	33.3
	2034	39.1	34.7	24.7	25.6	29.9	33.2	33.1	33.9	31.3	27.5	22.1	27.9	39.1	33.9
	2035	39.7	35.3	25.2	26.1	30.4	33.7	33.6	34.5	31.9	28.0	22.5	28.4	39.7	34.5
	2036	40.4	35.9	25.6	26.5	30.9	34.3	34.2	35.1	32.4	28.5	22.8	28.8	40.4	35.1
	2037	41.0	36.4	26.0	26.9	31.4	34.8	34.7	35.6	32.9	28.9	23.1	29.3	41.0	35.6
	2038	41.6	36.9	26.4	27.3	31.9	35.3	35.3	36.1	33.4	29.3	23.5	29.7	41.6	36.1

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	100.0%	94.7%	100.0%	98.6%	98.3%	100.0%	100.0%	98.4%	98.0%	97.7%	69.3%	100.0%	94.7%	100.0%
	2010	100.0%	100.0%	100.0%	96.1%	94.9%	98.1%	99.8%	99.4%	97.8%	96.9%	80.6%	100.0%	100.0%	98.1%
	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%	95.8%	89.3%	92.3%	98.2%	96.6%
Projected	2019	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2020	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2021	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2022	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2023	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2024	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2025	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2026	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2027	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2028	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2009-2018	98.1%	95.9%	91.7%	97.1%	97.0%	98.3%	96.5%	95.8%	96.0%	95.5%	88.7%	91.9%	91.5%	95.3%
	2019-2028	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%

FMPA 2019 Load Forecast - High Economic Case - Green Cove Springs

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	45,874		3,127		14,673		11,564		524		22.1		50,529		107		471		10,562		3		3,521		3,314		121,843		5,503	4.3%	127,346	
	2010	48,100	4.9%	3,127	0.0%	15,381	4.8%	11,574	0.1%	529	0.9%	21.9	-0.8%	49,719	-1.6%	104	-2.8%	477	1.2%	9,877	-6.5%	3	0.0%	3,292	-6.5%	3,648	10.1%	122,918	0.9%	8,803	6.7%	131,721	3.4%
	2011	46,089	-4.2%	3,101	-0.8%	14,861	-3.4%	11,087	-4.2%	526	-0.5%	21.1	-3.7%	48,101	-3.3%	100	-3.8%	479	0.6%	8,159	-17.4%	3	0.0%	2,720	-17.4%	3,312	-9.2%	116,748	-5.0%	7,949	6.4%	124,697	-5.3%
	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%
Projected	2019	51,035	-0.4%	3,520	2.4%	14,499	-2.8%	9,337	-10.5%	563	-1.3%	16.6	-9.3%	46,519	1.8%	128	14.8%	364	-11.3%	0	0.0%	0	0.0%	0	0.0%	3,634	0.5%	110,524	-0.4%	3,947	3.4%	114,470	-0.5%
	2020	52,193	2.3%	3,629	3.1%	14,382	-0.8%	9,660	3.5%	576	2.4%	16.8	1.1%	47,394	1.9%	129	1.0%	367	0.9%	2,429	0.0%	1	0.0%	2,298	0.0%	3,727	2.6%	115,404	4.4%	4,740	3.9%	120,144	5.0%
	2021	53,754	3.0%	3,714	2.3%	14,474	0.6%	9,946	3.0%	587	1.8%	17.0	1.2%	48,483	2.3%	130	0.8%	373	1.5%	2,716	11.8%	1	11.8%	2,297	0.0%	3,825	2.6%	118,725	2.9%	4,718	3.8%	123,443	2.7%
	2022	55,393	3.0%	3,793	2.1%	14,603	0.9%	10,214	2.7%	597	1.7%	17.1	1.0%	49,593	2.3%	131	0.8%	378	1.5%	3,003	10.6%	1	10.6%	2,297	0.0%	3,922	2.5%	122,125	2.9%	4,853	3.8%	126,978	2.9%
	2023	56,971	2.8%	3,868	2.0%	14,728	0.9%	10,470	2.5%	606	1.6%	17.3	0.9%	50,670	2.2%	132	0.8%	383	1.4%	3,289	9.5%	1	9.6%	2,297	0.0%	4,018	2.4%	125,418	2.7%	4,983	3.8%	130,401	2.7%
	2024	58,487	2.7%	3,941	1.9%	14,842	0.8%	10,722	2.4%	616	1.6%	17.4	0.8%	51,725	2.1%	133	0.8%	388	1.3%	3,576	8.7%	2	8.7%	2,296	0.0%	4,111	2.3%	128,621	2.6%	5,281	3.9%	133,902	2.7%
	2025	59,917	2.4%	4,012	1.8%	14,936	0.6%	10,969	2.3%	626	1.6%	17.5	0.7%	52,764	2.0%	134	0.8%	393	1.2%	3,863	8.0%	2	8.0%	2,296	0.0%	4,204	2.2%	131,717	2.4%	5,232	3.8%	136,949	2.3%
	2026	61,227	2.2%	4,079	1.7%	15,009	0.5%	11,215	2.2%	635	1.5%	17.7	0.7%	53,789	1.9%	135	0.8%	398	1.2%	4,149	7.4%	2	7.4%	2,296	0.0%	4,295	2.2%	134,675	2.2%	5,349	3.8%	140,024	2.2%
	2027	62,489	2.1%	4,145	1.6%	15,075	0.4%	11,455	2.1%	645	1.5%	17.8	0.7%	54,788	1.9%	136	0.7%	402	1.1%	4,436	6.9%	2	6.9%	2,296	0.0%	4,384	2.1%	137,551	2.1%	5,463	3.8%	143,014	2.1%
	2028	63,735	2.0%	4,212	1.6%	15,132	0.4%	11,691	2.1%	654	1.4%	17.9	0.6%	55,771	1.8%	137	0.7%	407	1.1%	4,723	6.5%	2	6.5%	2,296	0.0%	4,472	2.0%	140,393	2.1%	5,763	3.9%	146,156	2.2%
	2029	64,920	1.9%	4,275	1.5%	15,184	0.3%	11,927	2.0%	663	1.4%	18.0	0.6%	56,748	1.8%	138	0.7%	411	1.1%	5,009	6.1%	2	6.1%	2,295	0.0%	4,560	2.0%	143,165	2.0%	5,685	3.8%	148,850	1.8%
	2030	66,097	1.8%	4,338	1.5%	15,238	0.4%	12,161	2.0%	672	1.4%	18.1	0.6%	57,714	1.7%	139	0.7%	415	1.0%	5,296	5.7%	2	5.7%	2,295	0.0%	4,647	1.9%	145,914	1.9%	5,794	3.8%	151,708	1.9%
	2031	67,279	1.8%	4,400	1.4%	15,290	0.3%	12,389	1.9%	681	1.3%	18.2	0.6%	58,655	1.6%	140	0.6%	419	1.0%	5,583	5.4%	2	5.4%	2,295	0.0%	4,731	1.8%	148,637	1.9%	5,902	3.8%	154,539	1.9%
	2032	68,389	1.7%	4,460	1.4%	15,334	0.3%	12,610	1.8%	689	1.2%	18.3	0.5%	59,565	1.6%	141	0.6%	423	0.9%	5,869	5.1%	3	5.1%	2,295	0.0%	4,813	1.7%	151,247	1.8%	6,208	3.9%	157,455	1.9%
	2033	69,482	1.6%	4,518	1.3%	15,378	0.3%	12,829	1.7%	697	1.2%	18.4	0.5%	60,464	1.5%	142	0.6%	427	0.9%	6,156	4.9%	3	4.9%	2,295	0.0%	4,894	1.7%	153,825	1.7%	6,108	3.8%	159,933	1.6%
	2034	70,582	1.6%	4,577	1.3%	15,420	0.3%	13,049	1.7%	705	1.2%	18.5	0.5%	61,362	1.5%	142	0.6%	431	0.9%	6,443	4.7%	3	4.7%	2,295	0.0%	4,976	1.7%	156,411	1.7%	6,210	3.8%	162,621	1.7%
	2035	71,661	1.5%	4,635	1.3%	15,460	0.3%	13,271	1.7%	714	1.2%	18.6	0.5%	62,270	1.5%	143	0.6%	435	0.9%	6,729	4.4%	3	4.5%	2,295	0.0%	5,058	1.7%	158,990	1.6%	6,313	3.8%	165,302	1.6%
	2036	72,738	1.5%	4,693	1.2%	15,500	0.3%	13,494	1.7%	722	1.2%	18.7	0.5%	63,181	1.5%	144	0.6%	438	0.9%	7,016	4.3%	3	4.3%	2,295	0.0%	5,141	1.6%	161,570	1.6%	6,631	3.9%	168,201	1.8%
	2037	73,799	1.5%	4,747	1.2%	15,546	0.3%	13,711	1.6%	730	1.1%	18.8	0.5%	64,062	1.4%	145	0.5%	442	0.8%	7,303	4.1%	3	4.1%	2,295	0.0%	5,221	1.6%	164,096	1.6%	6,515	3.8%	170,611	1.4%
	2038	74,912	1.5%	4,804	1.2%	15,593	0.3%	13,922	1.5%	738	1.1%	18.9	0.5%	64,919	1.3%	146	0.5%	446	0.8%	7,589	3.9%	3	3.9%	2,295	0.0%	5,299	1.5%	166,642	1.6%	6,616	3.8%	173,257	1.6%
CAGR	2009-2018		1.2%		1.1%		0.2%		-1.1%		0.9%		-2.1%		-1.1%		0.4%		-1.5%		-100.0%		-100.0%		-100.0%		1.0%		-1.0%		6.1%		-1.1%
	2019-2028		2.5%		2.0%		0.5%		2.5%		1.7%		0.8%		2.0%		0.8%		1.2%		0.0%		0.0%		0.0%		2.3%		2.7%		3.8%		2.8%
	2029-2038		1.6%		1.3%		0.3%		1.7%		1.2%		0.5%		1.5%		0.6%		0.9%		8.4%		8.4%		0.0%		1.7%		1.7%		3.8%		1.7%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - Mild Weather Case

Green Cove Springs (Full Req'ts)

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	127,346	-	127,563	-	0.2%	31.4	-	29.8	-	-5.2%	27.0	-	27.1		0.5%
	2010	131,721	3.4%	125,307	-1.8%	-4.9%	33.6	7.0%	28.0	-5.9%	-16.6%	26.8	-0.6%	25.7	-5.3%	-4.2%
	2011	124,697	-5.3%	119,675	-4.5%	-4.0%	29.6	-11.9%	31.3	11.5%	5.6%	23.0	-14.4%	21.0	-18.1%	-8.4%
	2012	114,590	-8.1%	115,822	-3.2%	1.1%	26.6	-10.3%	25.9	-17.2%	-2.5%	24.0	4.7%	25.2	19.7%	4.8%
	2013	113,318	-1.1%	113,788	-1.8%	0.4%	24.4	-8.3%	28.5	10.1%	17.0%	24.2	0.5%	24.9	-1.4%	2.9%
	2014	110,365	-2.6%	110,797	-2.6%	0.4%	24.2	-0.6%	27.7	-2.8%	14.5%	21.4	-11.4%	21.8	-12.1%	2.0%
	2015	111,412	0.9%	109,178	-1.5%	-2.0%	27.5	13.7%	27.9	0.8%	1.5%	23.1	7.7%	26.1	19.7%	13.4%
	2016	113,675	2.0%	110,843	1.5%	-2.5%	19.6	-28.8%	28.2	0.8%	43.6%	24.4	5.9%	24.7	-5.5%	1.1%
	2017	109,525	-3.7%	110,780	-0.1%	1.1%	16.8	-14.1%	24.6	-12.6%	46.1%	23.6	-3.4%	25.4	3.0%	7.9%
	2018	114,995	5.0%	110,825	0.0%	-3.6%	30.6	81.5%	30.2	22.6%	-1.3%	23.1	-2.1%	22.6	-11.0%	-2.0%
Projected	2019	109,487	-4.8%	109,487	-1.2%		26.3	-13.9%	26.3	-12.7%		22.9	-1.0%	22.9	1.0%	
	2020			112,899	3.1%				27.1	3.0%				23.5	3.0%	
	2021			114,757	1.6%				27.6	1.7%				24.0	1.7%	
	2022			116,991	1.9%				28.1	1.9%				24.4	1.9%	
	2023			119,186	1.9%				28.7	1.9%				24.9	1.9%	
	2024			121,539	2.0%				29.2	2.0%				25.4	2.0%	
	2025			123,550	1.7%				29.7	1.6%				25.8	1.6%	
	2026			125,647	1.7%				30.2	1.7%				26.2	1.7%	
	2027			127,715	1.6%				30.7	1.6%				26.6	1.6%	
	2028			129,896	1.7%				31.2	1.7%				27.1	1.7%	
	2029			131,721	1.4%				31.6	1.4%				27.5	1.4%	
	2030			133,686	1.5%				32.1	1.5%				27.9	1.5%	
	2031			135,625	1.5%				32.6	1.4%				28.3	1.4%	
	2032			137,678	1.5%				33.1	1.5%				28.7	1.5%	
	2033			139,377	1.2%				33.5	1.2%				29.1	1.2%	
	2034			141,234	1.3%				33.9	1.3%				29.4	1.3%	
	2035			143,075	1.3%				34.4	1.3%				29.8	1.3%	
	2036			145,104	1.4%				34.8	1.4%				30.2	1.4%	
	2037			146,757	1.1%				35.2	1.1%				30.6	1.1%	
	2038			148,577	1.2%				35.7	1.2%				31.0	1.2%	
CAGR [3]	2009-2018		-1.1%		-1.6%			-0.3%		0.1%			-1.7%		-2.0%	
	2019-2028				1.9%					1.9%					1.9%	
	2029-2038				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 2019 Load Forecast - Mild Weather Case

Green Cove Springs (Full Req'ts)

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	127,346	-	127,563	-	0.2%	33.2	-	43.8%	27.0	-	53.8%
	2010	131,721	3.4%	125,307	-1.8%	-4.9%	33.6	1.3%	44.7%	27.4	1.3%	55.0%
	2011	124,697	-5.3%	119,675	-4.5%	-4.0%	31.1	-7.4%	45.7%	26.6	-2.9%	53.6%
	2012	114,590	-8.1%	115,822	-3.2%	1.1%	27.0	-13.2%	48.4%	24.1	-9.4%	54.4%
	2013	113,318	-1.1%	113,788	-1.8%	0.4%	26.2	-3.1%	49.3%	24.7	2.6%	52.4%
	2014	110,365	-2.6%	110,797	-2.6%	0.4%	26.8	2.1%	47.1%	24.1	-2.4%	52.3%
	2015	111,412	0.9%	109,178	-1.5%	-2.0%	27.5	2.8%	46.2%	24.6	2.2%	51.7%
	2016	113,675	2.0%	110,843	1.5%	-2.5%	26.1	-5.1%	49.7%	25.1	2.0%	51.7%
	2017	109,525	-3.7%	110,780	-0.1%	1.1%	23.8	-8.8%	52.5%	25.0	-0.5%	50.1%
	2018	114,995	5.0%	110,825	0.0%	-3.6%	31.1	30.7%	42.2%	23.9	-4.3%	54.9%
Projected	2019	109,487	-4.8%	109,487	-1.2%		26.8	-13.8%	46.6%	23.8	-0.5%	52.5%
	2020	112,899	3.1%	112,899	3.1%		27.6	3.0%	46.6%	24.5	3.0%	52.6%
	2021	114,757	1.6%	114,757	1.6%		28.1	1.7%	46.6%	24.9	1.7%	52.5%
	2022	116,991	1.9%	116,991	1.9%		28.7	1.9%	46.6%	25.4	1.9%	52.5%
	2023	119,186	1.9%	119,186	1.9%		29.2	1.9%	46.6%	25.9	1.9%	52.5%
	2024	121,539	2.0%	121,539	2.0%		29.8	2.0%	46.6%	26.4	2.0%	52.5%
	2025	123,550	1.7%	123,550	1.7%		30.3	1.6%	46.6%	26.8	1.6%	52.6%
	2026	125,647	1.7%	125,647	1.7%		30.8	1.7%	46.6%	27.3	1.7%	52.6%
	2027	127,715	1.6%	127,715	1.6%		31.3	1.6%	46.6%	27.7	1.6%	52.6%
	2028	129,896	1.7%	129,896	1.7%		31.8	1.7%	46.6%	28.2	1.7%	52.6%
	2029	131,721	1.4%	131,721	1.4%		32.2	1.4%	46.6%	28.6	1.4%	52.6%
	2030	133,686	1.5%	133,686	1.5%		32.7	1.5%	46.6%	29.0	1.5%	52.6%
	2031	135,625	1.5%	135,625	1.5%		33.2	1.4%	46.6%	29.4	1.4%	52.6%
	2032	137,678	1.5%	137,678	1.5%		33.7	1.5%	46.6%	29.9	1.5%	52.6%
	2033	139,377	1.2%	139,377	1.2%		34.1	1.2%	46.6%	30.2	1.2%	52.6%
	2034	141,234	1.3%	141,234	1.3%		34.6	1.3%	46.7%	30.6	1.3%	52.6%
	2035	143,075	1.3%	143,075	1.3%		35.0	1.3%	46.7%	31.0	1.3%	52.6%
	2036	145,104	1.4%	145,104	1.4%		35.5	1.4%	46.7%	31.5	1.4%	52.6%
	2037	146,757	1.1%	146,757	1.1%		35.9	1.1%	46.7%	31.8	1.1%	52.6%
	2038	148,577	1.2%	148,577	1.2%		36.3	1.2%	46.7%	32.2	1.2%	52.6%
CAGR [1]	2009-2018		-1.1%		-1.6%			-0.7%	46.9%		-1.4%	53.0%
	2019-2028		1.9%		1.9%			1.9%	46.6%		1.9%	52.6%
	2029-2038		1.3%		1.3%			1.3%	46.6%		1.3%	52.6%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Mild Weather Case

Green Cove Springs (Full Req'ts)

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	10,715	9,632	9,241	8,897	10,819	12,125	12,195	12,449	11,938	10,777	8,624	9,866	127,278	127,346
	2010	12,260	10,208	9,420	8,695	11,562	12,509	12,944	13,135	11,722	9,238	8,352	11,909	131,954	131,721
	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	9,015	8,126	8,275	114,343	114,995
Projected	2019	8,623	7,569	8,159	8,042	9,507	10,018	10,933	11,203	10,016	9,087	8,364	8,452	109,973	109,487
	2020	8,902	7,958	8,402	8,310	9,824	10,348	11,303	11,576	10,375	9,222	8,493	8,586	113,298	112,899
	2021	9,050	7,953	8,550	8,460	10,005	10,542	11,518	11,798	10,578	9,403	8,660	8,755	115,274	114,757
	2022	9,228	8,110	8,717	8,625	10,198	10,747	11,741	12,025	10,782	9,584	8,825	8,921	117,503	116,991
	2023	9,402	8,264	8,880	8,786	10,388	10,947	11,959	12,247	10,983	9,762	8,989	9,086	119,694	119,186
	2024	9,575	8,570	9,044	8,948	10,580	11,149	12,179	12,471	11,185	9,942	9,153	9,251	122,047	121,539
	2025	9,748	8,571	9,206	9,108	10,768	11,345	12,393	12,687	11,379	10,114	9,311	9,410	124,041	123,550
	2026	9,913	8,718	9,363	9,262	10,950	11,536	12,600	12,899	11,570	10,285	9,468	9,568	126,132	125,647
	2027	10,078	8,864	9,518	9,415	11,130	11,724	12,805	13,106	11,757	10,451	9,620	9,721	128,187	127,715
	2028	10,237	9,168	9,669	9,564	11,305	11,908	13,004	13,309	11,940	10,615	9,771	9,872	130,361	129,896
Projected	2029	10,394	9,146	9,817	9,711	11,478	12,088	13,200	13,508	12,120	10,775	9,919	10,021	132,178	131,721
	2030	10,549	9,284	9,964	9,857	11,650	12,268	13,395	13,706	12,299	10,936	10,066	10,169	134,142	133,686
	2031	10,703	9,421	10,110	10,000	11,819	12,444	13,586	13,899	12,473	11,091	10,209	10,311	136,066	135,625
	2032	10,851	9,726	10,251	10,139	11,983	12,615	13,772	14,088	12,644	11,244	10,349	10,453	138,112	137,678
	2033	10,999	9,685	10,390	10,278	12,146	12,785	13,957	14,277	12,815	11,396	10,490	10,594	139,812	139,377
	2034	11,146	9,816	10,530	10,415	12,308	12,954	14,141	14,463	12,982	11,547	10,628	10,733	141,661	141,234
	2035	11,290	9,945	10,667	10,552	12,469	13,122	14,323	14,649	13,151	11,698	10,768	10,873	143,507	143,075
	2036	11,435	10,257	10,806	10,689	12,630	13,290	14,505	14,834	13,318	11,848	10,906	11,012	145,531	145,104
	2037	11,580	10,204	10,943	10,824	12,791	13,458	14,687	15,019	13,485	11,998	11,043	11,150	147,182	146,757
	2038	11,724	10,333	11,079	10,959	12,949	13,623	14,867	15,201	13,650	12,145	11,178	11,286	148,995	148,577

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.4%	7.6%	7.3%	7.0%	8.5%	9.5%	9.6%	9.8%	9.4%	8.5%	6.8%	7.8%	100.0%
	2010	9.3%	7.7%	7.1%	6.6%	8.8%	9.5%	9.8%	10.0%	8.9%	7.0%	6.3%	9.0%	100.0%
	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	10.0%	6.4%	7.0%	6.8%	8.3%	9.3%	9.6%	10.2%	10.0%	7.9%	7.1%	7.2%	100.0%
Projected	2019	7.8%	6.9%	7.4%	7.3%	8.6%	9.1%	9.9%	10.2%	9.1%	8.3%	7.6%	7.7%	100.0%
	2020	7.9%	7.0%	7.4%	7.3%	8.7%	9.1%	10.0%	10.2%	9.2%	8.1%	7.5%	7.6%	100.0%
	2021	7.9%	6.9%	7.4%	7.3%	8.7%	9.1%	10.0%	10.2%	9.2%	8.2%	7.5%	7.6%	100.0%
	2022	7.9%	6.9%	7.4%	7.3%	8.7%	9.1%	10.0%	10.2%	9.2%	8.2%	7.5%	7.6%	100.0%
	2023	7.9%	6.9%	7.4%	7.3%	8.7%	9.1%	10.0%	10.2%	9.2%	8.2%	7.5%	7.6%	100.0%
	2024	7.8%	7.0%	7.4%	7.3%	8.7%	9.1%	10.0%	10.2%	9.2%	8.1%	7.5%	7.6%	100.0%
	2025	7.9%	6.9%	7.4%	7.3%	8.7%	9.1%	10.0%	10.2%	9.2%	8.2%	7.5%	7.6%	100.0%
	2026	7.9%	6.9%	7.4%	7.3%	8.7%	9.1%	10.0%	10.2%	9.2%	8.2%	7.5%	7.6%	100.0%
	2027	7.9%	6.9%	7.4%	7.3%	8.7%	9.1%	10.0%	10.2%	9.2%	8.2%	7.5%	7.6%	100.0%
	2028	7.9%	7.0%	7.4%	7.3%	8.7%	9.1%	10.0%	10.2%	9.2%	8.1%	7.5%	7.6%	100.0%
Avg.	2009-2018	8.6%	7.1%	7.2%	7.3%	8.6%	9.4%	10.0%	10.2%	9.2%	7.9%	6.9%	7.6%	100.0%
	2019-2028	7.9%	6.9%	7.4%	7.3%	8.7%	9.1%	10.0%	10.2%	9.2%	8.2%	7.5%	7.6%	100.0%

1	2	3	4	5	6	7	8	9	10	11	12

FMPA 2019 Load Forecast - Mild Weather Case

Green Cove Springs (Full Req'ts)

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	31.8	33.2	23.9	18.6	23.9	27.0	24.5	26.0	24.8	24.7	17.9	23.0	33.2	27.0
	2010	33.6	26.9	24.7	17.9	23.7	27.4	26.8	26.6	24.5	21.2	18.4	29.6	33.6	27.4
	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	19.5	16.4	20.1	31.1	23.9
Projected	2019	26.8	24.2	18.2	17.8	20.8	22.8	23.2	23.8	22.0	19.4	16.9	20.7	26.8	23.8
	2020	27.6	25.0	18.7	18.3	21.4	23.4	23.9	24.5	22.7	20.0	17.2	21.0	27.6	24.5
	2021	28.1	25.4	19.1	18.6	21.8	23.8	24.3	24.9	23.1	20.3	17.5	21.4	28.1	24.9
	2022	28.7	25.9	19.4	19.0	22.2	24.3	24.8	25.4	23.5	20.7	17.8	21.8	28.7	25.4
	2023	29.2	26.4	19.8	19.4	22.6	24.8	25.3	25.9	24.0	21.1	18.2	22.3	29.2	25.9
	2024	29.8	26.9	20.2	19.7	23.1	25.2	25.8	26.4	24.4	21.5	18.5	22.6	29.8	26.4
	2025	30.3	27.3	20.5	20.1	23.5	25.7	26.2	26.8	24.8	21.8	18.8	23.0	30.3	26.8
	2026	30.8	27.8	20.9	20.4	23.9	26.1	26.6	27.3	25.2	22.2	19.1	23.4	30.8	27.3
	2027	31.3	28.3	21.2	20.7	24.2	26.5	27.1	27.7	25.7	22.6	19.4	23.8	31.3	27.7
	2028	31.8	28.7	21.6	21.1	24.7	27.0	27.5	28.2	26.1	23.0	19.7	24.1	31.8	28.2
Projected	2029	32.2	29.1	21.9	21.4	25.0	27.3	27.9	28.6	26.5	23.3	20.0	24.5	32.2	28.6
	2030	32.7	29.6	22.2	21.7	25.4	27.8	28.3	29.0	26.8	23.6	20.3	24.8	32.7	29.0
	2031	33.2	30.0	22.5	22.0	25.7	28.1	28.7	29.4	27.2	24.0	20.6	25.2	33.2	29.4
	2032	33.7	30.4	22.8	22.3	26.1	28.6	29.2	29.9	27.6	24.3	20.8	25.5	33.7	29.9
	2033	34.1	30.8	23.1	22.6	26.4	28.9	29.5	30.2	28.0	24.6	21.1	25.9	34.1	30.2
	2034	34.6	31.2	23.4	22.9	26.8	29.3	29.9	30.6	28.4	25.0	21.4	26.2	34.6	30.6
	2035	35.0	31.6	23.7	23.2	27.1	29.7	30.3	31.0	28.7	25.3	21.7	26.6	35.0	31.0
	2036	35.5	32.1	24.1	23.5	27.5	30.1	30.7	31.5	29.1	25.6	21.9	26.9	35.5	31.5
	2037	35.9	32.4	24.3	23.8	27.8	30.4	31.1	31.8	29.5	25.9	22.2	27.2	35.9	31.8
	2038	36.3	32.8	24.6	24.1	28.2	30.8	31.5	32.2	29.8	26.2	22.5	27.5	36.3	32.2

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	45.4%	43.2%	51.9%	64.4%	67.5%	60.3%	69.0%	64.4%	66.9%	58.7%	64.6%	59.7%	43.8%	53.8%
	2010	49.0%	56.5%	51.3%	65.4%	72.6%	61.5%	67.0%	66.4%	66.5%	58.6%	61.0%	55.8%	44.8%	55.1%
	2011	47.3%	53.1%	70.4%	57.5%	65.5%	61.6%	67.8%	64.9%	66.2%	63.9%	67.2%	62.2%	44.1%	51.7%
	2012	47.6%	42.8%	67.4%	59.3%	68.9%	60.8%	69.2%	64.5%	65.5%	58.9%	52.1%	57.0%	49.0%	55.0%
	2013	53.0%	45.3%	48.0%	60.8%	68.6%	61.2%	67.2%	64.3%	63.0%	60.9%	59.4%	61.1%	48.7%	51.7%
	2014	52.4%	49.1%	56.9%	54.2%	68.2%	60.3%	65.3%	63.4%	58.4%	59.1%	43.2%	58.0%	47.1%	52.3%
	2015	52.4%	46.2%	71.0%	60.5%	66.6%	57.5%	64.8%	61.4%	60.6%	59.6%	54.4%	74.1%	45.9%	51.4%
	2016	49.5%	48.7%	64.0%	56.5%	63.5%	60.6%	67.4%	63.8%	67.2%	62.4%	61.0%	61.0%	49.7%	51.7%
	2017	47.9%	61.6%	50.3%	54.4%	64.8%	60.0%	65.9%	62.3%	58.4%	61.7%	64.2%	54.1%	53.3%	50.8%
	2018	49.4%	57.6%	58.6%	63.9%	66.8%	60.0%	63.6%	66.3%	66.8%	62.3%	66.6%	57.3%	41.9%	54.6%
Projected	2019	43.2%	46.5%	60.3%	60.8%	68.0%	59.2%	65.4%	63.3%	63.2%	63.1%	66.5%	56.8%	46.8%	52.8%
	2020	43.3%	45.8%	60.3%	60.9%	68.2%	59.3%	65.6%	63.5%	63.5%	62.1%	66.4%	56.7%	46.8%	52.8%
	2021	43.3%	46.6%	60.3%	61.0%	68.3%	59.4%	65.7%	63.6%	63.7%	62.2%	66.4%	56.7%	46.8%	52.8%
	2022	43.3%	46.6%	60.3%	61.0%	68.3%	59.4%	65.7%	63.6%	63.7%	62.2%	66.5%	56.7%	46.8%	52.8%
	2023	43.3%	46.6%	60.3%	61.0%	68.3%	59.4%	65.7%	63.6%	63.7%	62.2%	66.4%	56.7%	46.8%	52.8%
	2024	43.2%	45.8%	60.2%	60.9%	68.2%	59.3%	65.6%	63.5%	63.6%	62.2%	66.5%	56.8%	46.8%	52.8%
	2025	43.3%	46.6%	60.3%	61.0%	68.3%	59.4%	65.7%	63.6%	63.7%	62.2%	66.5%	56.8%	46.8%	52.8%
	2026	43.3%	46.7%	60.3%	61.0%	68.3%	59.4%	65.7%	63.5%	63.7%	62.2%	66.6%	56.8%	46.8%	52.8%
	2027	43.3%	46.7%	60.4%	61.0%	68.3%	59.4%	65.7%	63.5%	63.6%	62.2%	66.5%	56.7%	46.8%	52.8%
	2028	43.3%	45.8%	60.3%	61.0%	68.2%	59.3%	65.6%	63.4%	63.6%	62.1%	66.6%	56.8%	46.8%	52.8%
Avg.	2009-2018	49.4%	50.4%	59.0%	59.7%	67.3%	60.4%	66.7%	64.2%	64.0%	60.6%	59.4%	60.0%	46.8%	52.8%
	2019-2028	43.3%	46.4%	60.3%	61.0%	68.2%	59.4%	65.6%	63.5%	63.6%	62.3%	66.5%	56.7%	46.8%	52.8%

FMPA 2019 Load Forecast - Mild Weather Case

Green Cove Springs (Full Req'ts)

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	31.8	31.4	23.9	18.3	23.4	27.0	24.5	25.6	24.3	24.1	12.4	23.0	31.4	27.0
	2010	33.6	26.9	24.7	17.2	22.5	26.8	26.8	26.4	23.9	20.5	14.8	29.6	33.6	26.8
	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	18.6	14.6	18.5	30.6	23.1
Projected	2019	26.3	23.4	16.7	17.3	20.2	22.4	22.3	22.9	21.1	18.5	15.1	19.1	26.3	22.9
	2020	27.1	24.1	17.2	17.8	20.8	23.0	23.0	23.5	21.8	19.1	15.4	19.4	27.1	23.5
	2021	27.6	24.5	17.5	18.1	21.1	23.4	23.4	24.0	22.1	19.4	15.6	19.8	27.6	24.0
	2022	28.1	25.0	17.8	18.5	21.6	23.9	23.8	24.4	22.6	19.8	15.9	20.2	28.1	24.4
	2023	28.7	25.4	18.2	18.8	22.0	24.3	24.3	24.9	23.0	20.2	16.3	20.6	28.7	24.9
	2024	29.2	25.9	18.5	19.2	22.4	24.8	24.8	25.4	23.4	20.6	16.5	20.9	29.2	25.4
	2025	29.7	26.4	18.8	19.5	22.8	25.2	25.2	25.8	23.8	20.9	16.8	21.2	29.7	25.8
	2026	30.2	26.8	19.1	19.8	23.1	25.6	25.6	26.2	24.2	21.3	17.1	21.6	30.2	26.2
	2027	30.7	27.3	19.4	20.1	23.5	26.1	26.0	26.6	24.6	21.6	17.4	22.0	30.7	26.6
	2028	31.2	27.7	19.8	20.5	23.9	26.5	26.5	27.1	25.0	22.0	17.6	22.3	31.2	27.1
Projected	2029	31.6	28.1	20.0	20.8	24.2	26.9	26.8	27.5	25.4	22.3	17.9	22.6	31.6	27.5
	2030	32.1	28.5	20.3	21.1	24.6	27.3	27.2	27.9	25.8	22.6	18.1	22.9	32.1	27.9
	2031	32.6	28.9	20.6	21.4	25.0	27.7	27.6	28.3	26.1	23.0	18.4	23.3	32.6	28.3
	2032	33.1	29.4	20.9	21.7	25.3	28.1	28.0	28.7	26.5	23.3	18.6	23.5	33.1	28.7
	2033	33.5	29.7	21.2	22.0	25.6	28.4	28.4	29.1	26.9	23.6	18.9	23.9	33.5	29.1
	2034	33.9	30.1	21.5	22.3	26.0	28.8	28.7	29.4	27.2	23.9	19.1	24.2	33.9	29.4
	2035	34.4	30.5	21.8	22.5	26.3	29.2	29.1	29.8	27.6	24.2	19.4	24.5	34.4	29.8
	2036	34.8	30.9	22.1	22.9	26.7	29.6	29.5	30.2	28.0	24.5	19.6	24.8	34.8	30.2
	2037	35.2	31.3	22.3	23.1	27.0	29.9	29.9	30.6	28.3	24.8	19.8	25.1	35.2	30.6
	2038	35.7	31.7	22.6	23.4	27.3	30.3	30.2	31.0	28.6	25.1	20.1	25.4	35.7	31.0

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	100.0%	94.7%	100.0%	98.6%	98.3%	100.0%	100.0%	98.4%	98.0%	97.7%	69.3%	100.0%	94.7%	100.0%
	2010	100.0%	100.0%	100.0%	96.1%	94.9%	98.1%	99.8%	99.4%	97.8%	96.9%	80.6%	100.0%	100.0%	98.1%
	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%	95.8%	89.3%	92.3%	98.2%	96.6%
Projected	2019	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2020	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2021	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2022	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2023	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2024	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2025	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2026	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2027	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2028	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2009-2018	98.1%	95.9%	91.7%	97.1%	97.0%	98.3%	96.5%	95.8%	96.0%	95.5%	88.7%	91.9%	91.5%	95.3%
	2019-2028	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%

FMPA 2019 Load Forecast - Mild Weather Case - Green Cove Springs

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	45,874		3,127		14,673		11,564		524		22.1		50,529		107		471		10,562		3		3,521		3,314		121,843		5,503	4.3%	127,346	
	2010	48,100	4.9%	3,127	0.0%	15,381	4.8%	11,574	0.1%	529	0.9%	21.9	-0.8%	49,719	-1.6%	104	-2.8%	477	1.2%	9,877	-6.5%	3	0.0%	3,292	-6.5%	3,648	10.1%	122,918	0.9%	8,803	6.7%	131,721	3.4%
	2011	46,089	-4.2%	3,101	-0.8%	14,861	-3.4%	11,087	-4.2%	526	-0.5%	21.1	-3.7%	48,101	-3.3%	100	-3.8%	479	0.6%	8,159	-17.4%	3	0.0%	2,720	-17.4%	3,312	-9.2%	116,748	-5.0%	7,949	6.4%	124,697	-5.3%
	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%
Projected	2019	47,781	-6.8%	3,503	1.9%	13,639	-8.5%	9,007	-13.6%	559	-1.9%	16.1	-11.9%	45,587	-0.2%	127	14.4%	358	-12.8%	0	0.0%	0	0.0%	0	0.0%	3,587	-0.8%	105,962	-4.5%	3,525	3.2%	109,487	-4.8%
	2020	47,987	0.4%	3,567	1.8%	13,453	-1.4%	9,088	0.9%	563	0.7%	16.1	0.2%	45,442	-0.3%	128	0.1%	356	-0.4%	2,429	0.0%	1	0.0%	2,298	0.0%	3,594	0.2%	108,541	2.4%	4,358	3.9%	112,899	3.1%
	2021	48,851	1.8%	3,620	1.5%	13,494	0.3%	9,246	1.7%	568	0.9%	16.3	0.8%	46,005	1.2%	128	0.4%	359	0.9%	2,716	11.8%	1	11.8%	2,297	0.0%	3,646	1.4%	110,464	1.8%	4,293	3.7%	114,757	1.6%
	2022	49,811	2.0%	3,673	1.5%	13,560	0.5%	9,409	1.8%	574	1.0%	16.4	0.7%	46,686	1.5%	129	0.5%	363	1.0%	3,003	10.6%	1	10.6%	2,297	0.0%	3,706	1.6%	112,615	1.9%	4,377	3.7%	116,991	1.9%
	2023	50,721	1.8%	3,725	1.4%	13,617	0.4%	9,571	1.7%	580	1.1%	16.5	0.6%	47,380	1.5%	129	0.5%	366	0.9%	3,289	9.5%	1	9.6%	2,297	0.0%	3,767	1.7%	114,728	1.9%	4,458	3.7%	119,186	1.9%
	2024	51,624	1.8%	3,774	1.3%	13,678	0.5%	9,735	1.7%	587	1.1%	16.6	0.6%	48,082	1.5%	130	0.6%	370	0.9%	3,576	8.7%	2	8.7%	2,296	0.0%	3,830	1.7%	116,847	1.8%	4,692	3.9%	121,539	2.0%
	2025	52,486	1.7%	3,822	1.3%	13,732	0.4%	9,899	1.7%	594	1.1%	16.7	0.5%	48,788	1.5%	131	0.6%	373	0.9%	3,863	8.0%	2	8.0%	2,296	0.0%	3,893	1.6%	118,929	1.8%	4,621	3.7%	123,550	1.7%
	2026	53,283	1.5%	3,869	1.2%	13,772	0.3%	10,065	1.7%	600	1.1%	16.8	0.5%	49,495	1.4%	132	0.6%	376	0.9%	4,149	7.4%	2	7.4%	2,296	0.0%	3,956	1.6%	120,948	1.7%	4,699	3.7%	125,647	1.7%
	2027	54,071	1.5%	3,916	1.2%	13,807	0.3%	10,227	1.6%	607	1.1%	16.8	0.5%	50,188	1.4%	132	0.5%	380	0.8%	4,436	6.9%	2	6.9%	2,296	0.0%	4,018	1.6%	122,939	1.6%	4,776	3.7%	127,715	1.6%
	2028	54,816	1.4%	3,962	1.2%	13,837	0.2%	10,388	1.6%	614	1.1%	16.9	0.5%	50,876	1.4%	133	0.5%	383	0.8%	4,723	6.5%	2	6.5%	2,296	0.0%	4,079	1.5%	124,882	1.6%	5,014	3.9%	129,896	1.7%
	2029	55,536	1.3%	4,006	1.1%	13,864	0.2%	10,549	1.5%	620	1.1%	17.0	0.5%	51,560	1.3%	134	0.5%	386	0.8%	5,009	6.1%	2	6.1%	2,295	0.0%	4,140	1.5%	126,795	1.5%	4,926	3.7%	131,721	1.4%
	2030	56,238	1.3%	4,048	1.0%	13,894	0.2%	10,709	1.5%	627	1.1%	17.1	0.5%	52,242	1.3%	134	0.5%	389	0.8%	5,296	5.7%	2	5.7%	2,295	0.0%	4,202	1.5%	128,687	1.5%	4,999	3.7%	133,686	1.5%
	2031	56,937	1.2%	4,089	1.0%	13,923	0.2%	10,866	1.5%	633	1.0%	17.2	0.4%	52,906	1.3%	135	0.5%	392	0.8%	5,583	5.4%	2	5.4%	2,295	0.0%	4,261	1.4%	130,554	1.5%	5,071	3.7%	135,625	1.5%
	2032	57,615	1.2%	4,131	1.0%	13,947	0.2%	11,017	1.4%	639	1.0%	17.2	0.4%	53,544	1.2%	136	0.5%	395	0.7%	5,869	5.1%	3	5.1%	2,295	0.0%	4,319	1.3%	132,364	1.4%	5,314	3.9%	137,678	1.5%
	2033	58,292	1.2%	4,173	1.0%	13,970	0.2%	11,166	1.4%	645	0.9%	17.3	0.4%	54,176	1.2%	136	0.5%	398	0.7%	6,156	4.9%	3	4.9%	2,295	0.0%	4,376	1.3%	134,166	1.4%	5,211	3.7%	139,377	1.2%
	2034	58,953	1.1%	4,213	1.0%	13,993	0.2%	11,317	1.3%	651	0.9%	17.4	0.4%	54,809	1.2%	137	0.5%	400	0.7%	6,443	4.7%	3	4.7%	2,295	0.0%	4,433	1.3%	135,954	1.3%	5,280	3.7%	141,234	1.3%
	2035	59,583	1.1%	4,251	0.9%	14,015	0.2%	11,470	1.4%	657	0.9%	17.5	0.4%	55,453	1.2%	138	0.5%	403	0.7%	6,729	4.4%	3	4.5%	2,295	0.0%	4,491	1.3%	137,726	1.3%	5,349	3.7%	143,075	1.3%
	2036	60,215	1.1%	4,290	0.9%	14,037	0.2%	11,624	1.3%	663	0.9%	17.5	0.4%	56,100	1.2%	138	0.5%	406	0.7%	7,016	4.3%	3	4.3%	2,295	0.0%	4,550	1.3%	139,504	1.3%	5,600	3.9%	145,104	1.4%
	2037	60,868	1.1%	4,328	0.9%	14,065	0.2%	11,772	1.3%	669	0.9%	17.6	0.4%	56,722	1.1%	139	0.4%	409	0.7%	7,303	4.1%	3	4.1%	2,295	0.0%	4,606	1.2%	141,270	1.3%	5,486	3.7%	146,757	1.1%
	2038	61,531	1.1%	4,366	0.9%	14,094	0.2%	11,916	1.2%	675	0.8%	17.7	0.4%	57,325	1.1%	139	0.4%	411	0.6%	7,589	3.9%	3	3.9%	2,295	0.0%	4,661	1.2%	143,022	1.2%	5,554	3.7%	148,577	1.2%
CAGR	2009-2018		1.2%		1.1%		0.2%		-1.1%		0.9%		-2.1%		-1.1%		0.4%		-1.5%		-100.0%		-100.0%		-100.0%		1.0%		-1.0%		6.1%		-1.1%
	2019-2028		1.5%		1.4%		0.2%		1.6%		1.0%		0.6%		1.2%		0.5%		0.7%		0.0%		0.0%		0.0%		1.4%		1.8%		3.7%		1.9%
	2029-2038		1.1%		1.0%		0.2%		1.4%		0.9%		0.4%		1.2%		0.5%		0.7%		8.4%		8.4%		0.0%		1.3%		1.3%		3.8%		1.3%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - Severe Weather Case

Green Cove Springs (Full Req'ts)

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	127,346	-	127,563	-	0.2%	31.4	-	29.8	-	-5.2%	27.0	-	27.1		0.5%
	2010	131,721	3.4%	125,307	-1.8%	-4.9%	33.6	7.0%	28.0	-5.9%	-16.6%	26.8	-0.6%	25.7	-5.3%	-4.2%
	2011	124,697	-5.3%	119,675	-4.5%	-4.0%	29.6	-11.9%	31.3	11.5%	5.6%	23.0	-14.4%	21.0	-18.1%	-8.4%
	2012	114,590	-8.1%	115,822	-3.2%	1.1%	26.6	-10.3%	25.9	-17.2%	-2.5%	24.0	4.7%	25.2	19.7%	4.8%
	2013	113,318	-1.1%	113,788	-1.8%	0.4%	24.4	-8.3%	28.5	10.1%	17.0%	24.2	0.5%	24.9	-1.4%	2.9%
	2014	110,365	-2.6%	110,797	-2.6%	0.4%	24.2	-0.6%	27.7	-2.8%	14.5%	21.4	-11.4%	21.8	-12.1%	2.0%
	2015	111,412	0.9%	109,178	-1.5%	-2.0%	27.5	13.7%	27.9	0.8%	1.5%	23.1	7.7%	26.1	19.7%	13.4%
	2016	113,675	2.0%	110,843	1.5%	-2.5%	19.6	-28.8%	28.2	0.8%	43.6%	24.4	5.9%	24.7	-5.5%	1.1%
	2017	109,525	-3.7%	110,780	-0.1%	1.1%	16.8	-14.1%	24.6	-12.6%	46.1%	23.6	-3.4%	25.4	3.0%	7.9%
	2018	114,995	5.0%	110,825	0.0%	-3.6%	30.6	81.5%	30.2	22.6%	-1.3%	23.1	-2.1%	22.6	-11.0%	-2.0%
Projected	2019	118,178	2.8%	118,178	6.6%		28.4	-7.0%	28.4	-5.8%		24.7	6.8%	24.7	9.0%	
	2020			121,878	3.1%				29.3	2.9%				25.4	2.9%	
	2021			123,871	1.6%				29.8	1.7%				25.8	1.7%	
	2022			126,278	1.9%				30.3	1.9%				26.3	1.9%	
	2023			128,638	1.9%				30.9	1.9%				26.8	1.9%	
	2024			131,176	2.0%				31.5	2.0%				27.3	2.0%	
	2025			133,325	1.6%				32.0	1.6%				27.8	1.6%	
	2026			135,571	1.7%				32.5	1.7%				28.2	1.7%	
	2027			137,786	1.6%				33.1	1.6%				28.7	1.6%	
	2028			140,130	1.7%				33.6	1.7%				29.2	1.7%	
	2029			142,069	1.4%				34.1	1.4%				29.6	1.4%	
	2030			144,169	1.5%				34.6	1.5%				30.0	1.5%	
	2031			146,240	1.4%				35.1	1.4%				30.5	1.4%	
	2032			148,446	1.5%				35.6	1.5%				30.9	1.5%	
	2033			150,249	1.2%				36.0	1.2%				31.3	1.2%	
	2034			152,233	1.3%				36.5	1.3%				31.7	1.3%	
	2035			154,195	1.3%				37.0	1.3%				32.1	1.3%	
	2036			156,371	1.4%				37.5	1.4%				32.6	1.4%	
	2037			158,123	1.1%				37.9	1.1%				32.9	1.1%	
	2038			160,068	1.2%				38.4	1.2%				33.3	1.2%	
CAGR [3]	2009-2018		-1.1%		-1.6%			-0.3%		0.1%			-1.7%		-2.0%	
	2019-2028				1.9%					1.9%					1.9%	
	2029-2038				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 2019 Load Forecast - Severe Weather Case

Green Cove Springs (Full Req'ts)

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	127,346	-	127,563	-	0.2%	33.2	-	43.8%	27.0	-	53.8%
	2010	131,721	3.4%	125,307	-1.8%	-4.9%	33.6	1.3%	44.7%	27.4	1.3%	55.0%
	2011	124,697	-5.3%	119,675	-4.5%	-4.0%	31.1	-7.4%	45.7%	26.6	-2.9%	53.6%
	2012	114,590	-8.1%	115,822	-3.2%	1.1%	27.0	-13.2%	48.4%	24.1	-9.4%	54.4%
	2013	113,318	-1.1%	113,788	-1.8%	0.4%	26.2	-3.1%	49.3%	24.7	2.6%	52.4%
	2014	110,365	-2.6%	110,797	-2.6%	0.4%	26.8	2.1%	47.1%	24.1	-2.4%	52.3%
	2015	111,412	0.9%	109,178	-1.5%	-2.0%	27.5	2.8%	46.2%	24.6	2.2%	51.7%
	2016	113,675	2.0%	110,843	1.5%	-2.5%	26.1	-5.1%	49.7%	25.1	2.0%	51.7%
	2017	109,525	-3.7%	110,780	-0.1%	1.1%	23.8	-8.8%	52.5%	25.0	-0.5%	50.1%
	2018	114,995	5.0%	110,825	0.0%	-3.6%	31.1	30.7%	42.2%	23.9	-4.3%	54.9%
Projected	2019	118,178	2.8%	118,178	6.6%		29.0	-7.0%	46.6%	25.7	7.4%	52.5%
	2020	121,878	3.1%	121,878	3.1%		29.8	2.9%	46.7%	26.4	2.9%	52.6%
	2021	123,871	1.6%	123,871	1.6%		30.3	1.7%	46.6%	26.9	1.7%	52.6%
	2022	126,278	1.9%	126,278	1.9%		30.9	1.9%	46.6%	27.4	1.9%	52.6%
	2023	128,638	1.9%	128,638	1.9%		31.5	1.9%	46.6%	27.9	1.9%	52.6%
	2024	131,176	2.0%	131,176	2.0%		32.1	2.0%	46.6%	28.5	2.0%	52.6%
	2025	133,325	1.6%	133,325	1.6%		32.6	1.6%	46.7%	28.9	1.6%	52.6%
	2026	135,571	1.7%	135,571	1.7%		33.2	1.7%	46.7%	29.4	1.7%	52.6%
	2027	137,786	1.6%	137,786	1.6%		33.7	1.6%	46.7%	29.9	1.6%	52.6%
	2028	140,130	1.7%	140,130	1.7%		34.3	1.7%	46.7%	30.4	1.7%	52.6%
	2029	142,069	1.4%	142,069	1.4%		34.7	1.4%	46.7%	30.8	1.4%	52.6%
	2030	144,169	1.5%	144,169	1.5%		35.3	1.5%	46.7%	31.3	1.5%	52.7%
	2031	146,240	1.4%	146,240	1.4%		35.8	1.4%	46.7%	31.7	1.4%	52.7%
	2032	148,446	1.5%	148,446	1.5%		36.3	1.5%	46.7%	32.2	1.5%	52.7%
	2033	150,249	1.2%	150,249	1.2%		36.7	1.2%	46.7%	32.6	1.2%	52.7%
	2034	152,233	1.3%	152,233	1.3%		37.2	1.3%	46.7%	33.0	1.3%	52.7%
	2035	154,195	1.3%	154,195	1.3%		37.7	1.3%	46.7%	33.4	1.3%	52.7%
	2036	156,371	1.4%	156,371	1.4%		38.2	1.4%	46.7%	33.9	1.4%	52.7%
	2037	158,123	1.1%	158,123	1.1%		38.6	1.1%	46.7%	34.3	1.1%	52.7%
	2038	160,068	1.2%	160,068	1.2%		39.1	1.2%	46.7%	34.7	1.2%	52.7%
CAGR [1]	2009-2018		-1.1%		-1.6%			-0.7%	46.9%		-1.4%	53.0%
	2019-2028		1.9%		1.9%			1.9%	46.6%		1.9%	52.6%
	2029-2038		1.3%		1.3%			1.3%	46.7%		1.3%	52.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Severe Weather Case

Green Cove Springs (Full Req'ts)

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	10,715	9,632	9,241	8,897	10,819	12,125	12,195	12,449	11,938	10,777	8,624	9,866	127,278	127,346
	2010	12,260	10,208	9,420	8,695	11,562	12,509	12,944	13,135	11,722	9,238	8,352	11,909	131,954	131,721
	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	9,015	8,126	9,479	115,547	114,995
Projected	2019	10,547	8,846	8,354	8,042	9,507	10,773	12,135	12,442	10,913	9,217	8,364	9,681	118,821	118,178
	2020	10,865	9,272	8,591	8,310	9,824	11,120	12,521	12,831	11,281	9,354	8,493	9,835	122,298	121,878
	2021	11,045	9,270	8,743	8,460	10,005	11,329	12,759	13,076	11,501	9,538	8,660	10,029	124,415	123,871
	2022	11,262	9,453	8,913	8,625	10,198	11,548	13,005	13,326	11,722	9,720	8,825	10,219	126,815	126,278
	2023	11,474	9,631	9,079	8,786	10,388	11,762	13,245	13,571	11,939	9,900	8,989	10,408	129,171	128,638
	2024	11,684	9,982	9,246	8,948	10,580	11,979	13,487	13,817	12,157	10,082	9,153	10,596	131,710	131,176
	2025	11,893	9,984	9,411	9,108	10,768	12,189	13,721	14,055	12,366	10,256	9,311	10,778	133,839	133,325
	2026	12,091	10,153	9,569	9,262	10,950	12,393	13,949	14,286	12,572	10,428	9,468	10,957	136,079	135,571
	2027	12,289	10,320	9,726	9,415	11,130	12,595	14,173	14,514	12,773	10,596	9,620	11,131	138,281	137,786
	2028	12,480	10,667	9,879	9,564	11,305	12,791	14,392	14,736	12,970	10,761	9,771	11,304	140,617	140,130
Projected	2029	12,668	10,641	10,029	9,711	11,478	12,984	14,606	14,954	13,163	10,923	9,919	11,473	142,548	142,069
	2030	12,852	10,798	10,177	9,857	11,650	13,176	14,819	15,170	13,355	11,084	10,066	11,641	144,646	144,169
	2031	13,035	10,954	10,324	10,000	11,819	13,364	15,028	15,382	13,542	11,241	10,209	11,804	146,702	146,240
	2032	13,212	11,300	10,466	10,139	11,983	13,547	15,231	15,588	13,725	11,394	10,349	11,964	148,901	148,446
	2033	13,388	11,254	10,607	10,278	12,146	13,730	15,435	15,795	13,909	11,548	10,490	12,125	150,705	150,249
	2034	13,563	11,403	10,748	10,415	12,308	13,911	15,635	15,998	14,089	11,700	10,628	12,283	152,679	152,233
	2035	13,734	11,549	10,887	10,552	12,469	14,090	15,834	16,201	14,269	11,852	10,768	12,442	154,647	154,195
	2036	13,907	11,902	11,026	10,689	12,630	14,270	16,033	16,403	14,449	12,003	10,906	12,600	156,818	156,371
	2037	14,078	11,842	11,164	10,824	12,791	14,449	16,232	16,606	14,628	12,154	11,043	12,757	158,569	158,123
	2038	14,250	11,988	11,302	10,959	12,949	14,626	16,429	16,805	14,805	12,302	11,178	12,911	160,506	160,068

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.4%	7.6%	7.3%	7.0%	8.5%	9.5%	9.6%	9.8%	9.4%	8.5%	6.8%	7.8%	100.0%
	2010	9.3%	7.7%	7.1%	6.6%	8.8%	9.5%	9.8%	10.0%	8.9%	7.0%	6.3%	9.0%	100.0%
	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%	7.8%	7.0%	8.2%	100.0%
Projected	2019	8.9%	7.4%	7.0%	6.8%	8.0%	9.1%	10.2%	10.5%	9.2%	7.8%	7.0%	8.1%	100.0%
	2020	8.9%	7.6%	7.0%	6.8%	8.0%	9.1%	10.2%	10.5%	9.2%	7.6%	6.9%	8.0%	100.0%
	2021	8.9%	7.5%	7.0%	6.8%	8.0%	9.1%	10.3%	10.5%	9.2%	7.7%	7.0%	8.1%	100.0%
	2022	8.9%	7.5%	7.0%	6.8%	8.0%	9.1%	10.3%	10.5%	9.2%	7.7%	7.0%	8.1%	100.0%
	2023	8.9%	7.5%	7.0%	6.8%	8.0%	9.1%	10.3%	10.5%	9.2%	7.7%	7.0%	8.1%	100.0%
	2024	8.9%	7.6%	7.0%	6.8%	8.0%	9.1%	10.2%	10.5%	9.2%	7.7%	6.9%	8.0%	100.0%
	2025	8.9%	7.5%	7.0%	6.8%	8.0%	9.1%	10.3%	10.5%	9.2%	7.7%	7.0%	8.1%	100.0%
	2026	8.9%	7.5%	7.0%	6.8%	8.0%	9.1%	10.3%	10.5%	9.2%	7.7%	7.0%	8.1%	100.0%
	2027	8.9%	7.5%	7.0%	6.8%	8.0%	9.1%	10.2%	10.5%	9.2%	7.7%	7.0%	8.0%	100.0%
	2028	8.9%	7.6%	7.0%	6.8%	8.0%	9.1%	10.2%	10.5%	9.2%	7.7%	6.9%	8.0%	100.0%
Avg.	2009-2018	8.6%	7.1%	7.2%	7.2%	8.6%	9.4%	10.0%	10.2%	9.2%	7.9%	6.9%	7.7%	100.0%
	2019-2028	8.9%	7.5%	7.0%	6.8%	8.0%	9.1%	10.2%	10.5%	9.2%	7.7%	7.0%	8.1%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Severe Weather Case

Green Cove Springs (Full Req'ts)

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	31.8	33.2	23.9	18.6	23.9	27.0	24.5	26.0	24.8	24.7	17.9	23.0	33.2	27.0
	2010	33.6	26.9	24.7	17.9	23.7	27.4	26.8	26.6	24.5	21.2	18.4	29.6	33.6	27.4
	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	19.5	17.7	21.7	31.1	23.9
Projected	2019	29.0	26.2	19.6	19.2	22.5	24.6	25.1	25.7	23.8	20.9	18.2	22.3	29.0	25.7
	2020	29.8	26.9	20.2	19.8	23.1	25.3	25.8	26.4	24.5	21.5	18.5	22.7	29.8	26.4
	2021	30.3	27.4	20.6	20.1	23.5	25.7	26.2	26.9	24.9	21.9	18.9	23.1	30.3	26.9
	2022	30.9	27.9	21.0	20.5	24.0	26.2	26.8	27.4	25.4	22.3	19.2	23.6	30.9	27.4
	2023	31.5	28.4	21.3	20.9	24.4	26.7	27.2	27.9	25.8	22.7	19.6	24.0	31.5	27.9
	2024	32.1	29.0	21.8	21.3	24.9	27.2	27.8	28.5	26.3	23.2	19.9	24.4	32.1	28.5
	2025	32.6	29.5	22.1	21.6	25.3	27.7	28.2	28.9	26.8	23.5	20.3	24.8	32.6	28.9
	2026	33.2	30.0	22.5	22.0	25.7	28.1	28.7	29.4	27.2	23.9	20.6	25.2	33.2	29.4
	2027	33.7	30.5	22.8	22.3	26.1	28.6	29.2	29.9	27.6	24.3	20.9	25.6	33.7	29.9
	2028	34.3	31.0	23.2	22.7	26.6	29.1	29.7	30.4	28.1	24.7	21.2	26.0	34.3	30.4
Projected	2029	34.7	31.4	23.5	23.0	26.9	29.5	30.1	30.8	28.5	25.1	21.5	26.4	34.7	30.8
	2030	35.3	31.9	23.9	23.4	27.3	29.9	30.5	31.3	28.9	25.4	21.9	26.7	35.3	31.3
	2031	35.8	32.3	24.2	23.7	27.7	30.3	30.9	31.7	29.3	25.8	22.2	27.1	35.8	31.7
	2032	36.3	32.8	24.6	24.1	28.1	30.8	31.4	32.2	29.8	26.2	22.5	27.5	36.3	32.2
	2033	36.7	33.2	24.9	24.4	28.5	31.1	31.8	32.6	30.1	26.5	22.7	27.8	36.7	32.6
	2034	37.2	33.6	25.2	24.7	28.8	31.6	32.2	33.0	30.5	26.9	23.0	28.2	37.2	33.0
	2035	37.7	34.1	25.5	25.0	29.2	32.0	32.6	33.4	30.9	27.2	23.4	28.6	37.7	33.4
	2036	38.2	34.5	25.9	25.3	29.6	32.4	33.1	33.9	31.4	27.6	23.6	28.9	38.2	33.9
	2037	38.6	34.9	26.2	25.6	30.0	32.8	33.5	34.3	31.7	27.9	23.9	29.3	38.6	34.3
	2038	39.1	35.3	26.5	25.9	30.3	33.2	33.9	34.7	32.1	28.2	24.2	29.6	39.1	34.7

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	45.4%	43.2%	51.9%	64.4%	67.5%	60.3%	69.0%	64.4%	66.9%	58.7%	64.6%	59.7%	43.8%	53.8%
	2010	49.0%	56.5%	51.3%	65.4%	72.6%	61.5%	67.0%	66.4%	66.5%	58.6%	61.0%	55.8%	44.8%	55.1%
	2011	47.3%	53.1%	70.4%	57.5%	65.5%	61.6%	67.8%	64.9%	66.2%	63.9%	67.2%	62.2%	44.1%	51.7%
	2012	47.6%	42.8%	67.4%	59.3%	68.9%	60.8%	69.2%	64.5%	65.5%	58.9%	52.1%	57.0%	49.0%	55.0%
	2013	53.0%	45.3%	48.0%	60.8%	68.6%	61.2%	67.2%	64.3%	63.0%	60.9%	59.4%	61.1%	48.7%	51.7%
	2014	52.4%	49.1%	56.9%	54.2%	68.2%	60.3%	65.3%	63.4%	58.4%	59.1%	43.2%	58.0%	47.1%	52.3%
	2015	52.4%	46.2%	71.0%	60.5%	66.6%	57.5%	64.8%	61.4%	60.6%	59.6%	54.4%	74.1%	45.9%	51.4%
	2016	49.5%	48.7%	64.0%	56.5%	63.5%	60.6%	67.4%	63.8%	67.2%	62.4%	61.0%	61.0%	49.7%	51.7%
	2017	47.9%	61.6%	50.3%	54.4%	64.8%	60.0%	65.9%	62.3%	58.4%	61.7%	64.2%	54.1%	53.3%	50.8%
	2018	49.4%	57.6%	58.6%	63.9%	66.8%	60.0%	63.6%	66.3%	66.8%	62.3%	61.7%	60.8%	42.4%	55.2%
Projected	2019	48.9%	50.3%	57.2%	56.3%	63.0%	59.0%	67.2%	65.1%	63.8%	59.3%	61.7%	60.3%	46.8%	52.8%
	2020	49.0%	49.5%	57.2%	56.5%	63.3%	59.1%	67.4%	65.3%	64.1%	58.4%	61.6%	60.2%	46.8%	52.8%
	2021	49.0%	50.3%	57.2%	56.6%	63.3%	59.2%	67.5%	65.4%	64.2%	58.6%	61.6%	60.2%	46.8%	52.8%
	2022	49.0%	50.4%	57.2%	56.6%	63.3%	59.2%	67.5%	65.4%	64.2%	58.6%	61.6%	60.3%	46.8%	52.8%
	2023	49.0%	50.4%	57.2%	56.6%	63.3%	59.2%	67.5%	65.3%	64.2%	58.6%	61.6%	60.2%	46.8%	52.8%
	2024	48.9%	49.4%	57.1%	56.5%	63.3%	59.2%	67.4%	65.3%	64.1%	58.5%	61.7%	60.3%	46.8%	52.8%
	2025	49.0%	50.4%	57.2%	56.6%	63.4%	59.2%	67.5%	65.3%	64.2%	58.5%	61.7%	60.3%	46.8%	52.8%
	2026	49.0%	50.4%	57.2%	56.6%	63.4%	59.2%	67.5%	65.3%	64.2%	58.5%	61.8%	60.4%	46.8%	52.8%
	2027	49.0%	50.4%	57.2%	56.6%	63.4%	59.2%	67.5%	65.3%	64.2%	58.5%	61.7%	60.3%	46.8%	52.8%
	2028	48.9%	49.5%	57.2%	56.6%	63.3%	59.2%	67.4%	65.2%	64.1%	58.5%	61.8%	60.4%	46.8%	52.8%
Avg.	2009-2018	49.4%	50.4%	59.0%	59.7%	67.3%	60.4%	66.7%	64.2%	64.0%	60.6%	58.9%	60.4%	46.9%	52.9%
	2019-2028	49.0%	50.1%	57.2%	56.5%	63.3%	59.2%	67.4%	65.3%	64.1%	58.6%	61.7%	60.3%	46.8%	52.8%

FMPA 2019 Load Forecast - Severe Weather Case

Green Cove Springs (Full Req'ts)

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	31.8	31.4	23.9	18.3	23.4	27.0	24.5	25.6	24.3	24.1	12.4	23.0	31.4	27.0
	2010	33.6	26.9	24.7	17.2	22.5	26.8	26.8	26.4	23.9	20.5	14.8	29.6	33.6	26.8
	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	18.6	15.8	20.0	30.6	23.1
Projected	2019	28.4	25.2	18.0	18.6	21.8	24.1	24.1	24.7	22.8	20.0	16.3	20.6	28.4	24.7
	2020	29.3	26.0	18.5	19.2	22.4	24.8	24.8	25.4	23.5	20.6	16.6	20.9	29.3	25.4
	2021	29.8	26.4	18.9	19.5	22.8	25.3	25.2	25.8	23.9	21.0	16.9	21.3	29.8	25.8
	2022	30.3	26.9	19.2	19.9	23.2	25.7	25.7	26.3	24.3	21.4	17.2	21.7	30.3	26.3
	2023	30.9	27.4	19.6	20.3	23.7	26.2	26.2	26.8	24.8	21.8	17.5	22.2	30.9	26.8
	2024	31.5	28.0	20.0	20.7	24.1	26.7	26.7	27.3	25.3	22.2	17.8	22.5	31.5	27.3
	2025	32.0	28.4	20.3	21.0	24.5	27.2	27.1	27.8	25.7	22.6	18.1	22.9	32.0	27.8
	2026	32.5	28.9	20.6	21.4	24.9	27.6	27.6	28.2	26.1	22.9	18.4	23.3	32.5	28.2
	2027	33.1	29.4	21.0	21.7	25.3	28.1	28.0	28.7	26.5	23.3	18.7	23.7	33.1	28.7
	2028	33.6	29.9	21.3	22.1	25.8	28.6	28.5	29.2	27.0	23.7	19.0	24.0	33.6	29.2
Projected	2029	34.1	30.3	21.6	22.4	26.1	28.9	28.9	29.6	27.4	24.0	19.2	24.3	34.1	29.6
	2030	34.6	30.7	21.9	22.7	26.5	29.4	29.3	30.0	27.8	24.4	19.5	24.7	34.6	30.0
	2031	35.1	31.2	22.2	23.0	26.9	29.8	29.7	30.5	28.1	24.7	19.8	25.1	35.1	30.5
	2032	35.6	31.6	22.6	23.4	27.3	30.2	30.2	30.9	28.6	25.1	20.1	25.4	35.6	30.9
	2033	36.0	32.0	22.8	23.6	27.6	30.6	30.5	31.3	28.9	25.4	20.3	25.7	36.0	31.3
	2034	36.5	32.4	23.1	24.0	28.0	31.0	30.9	31.7	29.3	25.7	20.6	26.0	36.5	31.7
	2035	37.0	32.8	23.4	24.3	28.3	31.4	31.3	32.1	29.7	26.1	20.9	26.4	37.0	32.1
	2036	37.5	33.3	23.8	24.6	28.7	31.8	31.8	32.6	30.1	26.4	21.1	26.7	37.5	32.6
	2037	37.9	33.7	24.0	24.9	29.1	32.2	32.1	32.9	30.4	26.7	21.4	27.0	37.9	32.9
	2038	38.4	34.1	24.3	25.2	29.4	32.6	32.5	33.3	30.8	27.0	21.6	27.3	38.4	33.3

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	100.0%	94.7%	100.0%	98.6%	98.3%	100.0%	100.0%	98.4%	98.0%	97.7%	69.3%	100.0%	94.7%	100.0%
	2010	100.0%	100.0%	100.0%	96.1%	94.9%	98.1%	99.8%	99.4%	97.8%	96.9%	80.6%	100.0%	100.0%	98.1%
	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%	95.8%	89.3%	92.3%	98.2%	96.6%
Projected	2019	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2020	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2021	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2022	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2023	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2024	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2025	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2026	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2027	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2028	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%
	2009-2018	98.1%	95.9%	91.7%	97.1%	97.0%	98.3%	96.5%	95.8%	96.0%	95.5%	88.7%	91.9%	91.5%	95.3%
	2019-2028	98.1%	96.5%	91.7%	97.1%	97.0%	98.3%	96.1%	96.1%	96.0%	95.8%	89.3%	92.3%	98.1%	96.1%

FMPA 2019 Load Forecast - Severe Weather Case - Green Cove Springs

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

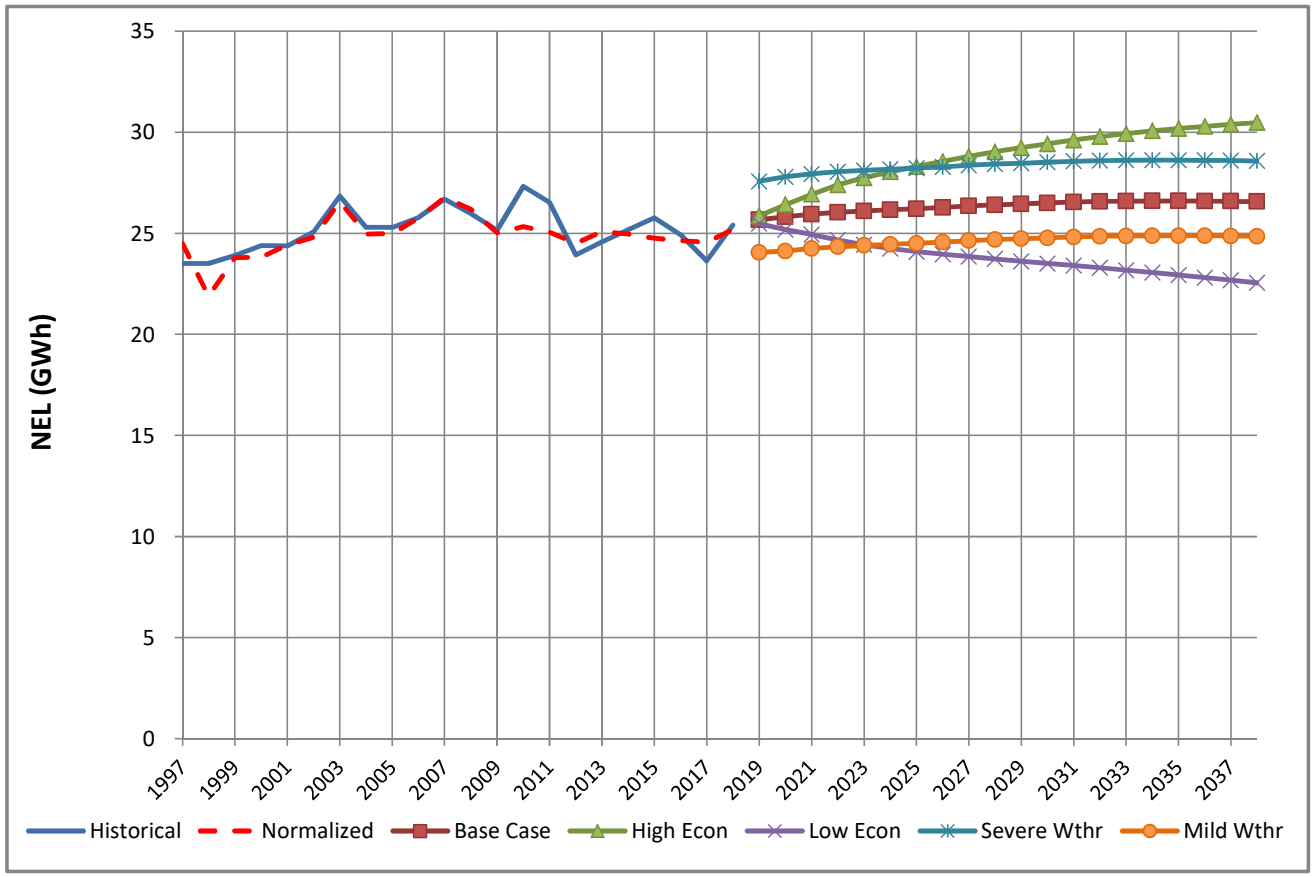
		Residential						General Service Non-Demand						General Service Demand						Large Service Demand						City		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% 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	2009	45,874		3,127		14,673		11,564		524		22.1		50,529		107		471		10,562		3		3,521		3,314		121,843		5,503	4.3%	127,346	
	2010	48,100	4.9%	3,127	0.0%	15,381	4.8%	11,574	0.1%	529	0.9%	21.9	-0.8%	49,719	-1.6%	104	-2.8%	477	1.2%	9,877	-6.5%	3	0.0%	3,292	-6.5%	3,648	10.1%	122,918	0.9%	8,803	6.7%	131,721	3.4%
	2011	46,089	-4.2%	3,101	-0.8%	14,861	-3.4%	11,087	-4.2%	526	-0.5%	21.1	-3.7%	48,101	-3.3%	100	-3.8%	479	0.6%	8,159	-17.4%	3	0.0%	2,720	-17.4%	3,312	-9.2%	116,748	-5.0%	7,949	6.4%	124,697	-5.3%
	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%
Projected	2019	54,090	5.5%	3,503	1.9%	15,439	3.5%	9,476	-9.2%	559	-1.9%	16.9	-7.4%	46,629	2.0%	127	14.4%	366	-10.8%	0	0.0%	0	0.0%	0	0.0%	3,610	-0.2%	113,804	2.5%	4,374	3.7%	118,178	2.8%
	2020	54,709	1.1%	3,567	1.8%	15,337	-0.7%	9,588	1.2%	563	0.7%	17.0	0.5%	46,577	-0.1%	128	0.1%	365	-0.2%	2,429	0.0%	1	0.0%	2,298	0.0%	3,617	0.2%	116,921	2.7%	4,957	4.1%	121,878	3.1%
	2021	55,694	1.8%	3,620	1.5%	15,385	0.3%	9,755	1.7%	568	0.9%	17.2	0.8%	47,155	1.2%	128	0.4%	368	0.9%	2,716	11.8%	1	11.8%	2,297	0.0%	3,669	1.4%	118,989	1.8%	4,882	3.9%	123,871	1.6%
	2022	56,790	2.0%	3,673	1.5%	15,459	0.5%	9,927	1.8%	574	1.0%	17.3	0.7%	47,852	1.5%	129	0.5%	372	1.0%	3,003	10.6%	1	10.6%	2,297	0.0%	3,729	1.6%	121,301	1.9%	4,977	3.9%	126,278	1.9%
	2023	57,826	1.8%	3,725	1.4%	15,524	0.4%	10,098	1.7%	580	1.1%	17.4	0.6%	48,564	1.5%	129	0.5%	376	0.9%	3,289	9.5%	1	9.6%	2,297	0.0%	3,792	1.7%	123,569	1.9%	5,069	3.9%	128,638	1.9%
	2024	58,856	1.8%	3,774	1.3%	15,595	0.5%	10,270	1.7%	587	1.1%	17.5	0.6%	49,284	1.5%	130	0.6%	379	0.9%	3,576	8.7%	2	8.7%	2,296	0.0%	3,854	1.7%	125,841	1.8%	5,336	4.1%	131,176	2.0%
	2025	59,840	1.7%	3,822	1.3%	15,656	0.4%	10,444	1.7%	594	1.1%	17.6	0.5%	50,007	1.5%	131	0.6%	382	0.9%	3,863	8.0%	2	8.0%	2,296	0.0%	3,918	1.6%	128,071	1.8%	5,254	3.9%	133,325	1.6%
	2026	60,748	1.5%	3,869	1.2%	15,702	0.3%	10,618	1.7%	600	1.1%	17.7	0.5%	50,732	1.4%	132	0.6%	386	0.9%	4,149	7.4%	2	7.4%	2,296	0.0%	3,981	1.6%	130,229	1.7%	5,342	3.9%	135,571	1.7%
	2027	61,646	1.5%	3,916	1.2%	15,741	0.3%	10,789	1.6%	607	1.1%	17.8	0.5%	51,442	1.4%	132	0.5%	389	0.8%	4,436	6.9%	2	6.9%	2,296	0.0%	4,043	1.6%	132,357	1.6%	5,430	3.9%	137,786	1.6%
	2028	62,496	1.4%	3,962	1.2%	15,776	0.2%	10,959	1.6%	614	1.1%	17.9	0.5%	52,147	1.4%	133	0.5%	392	0.8%	4,723	6.5%	2	6.5%	2,296	0.0%	4,105	1.5%	134,430	1.6%	5,700	4.1%	140,130	1.7%
	2029	63,316	1.3%	4,006	1.1%	15,807	0.2%	11,129	1.5%	620	1.1%	17.9	0.5%	52,849	1.3%	134	0.5%	395	0.8%	5,009	6.1%	2	6.1%	2,295	0.0%	4,167	1.5%	136,471	1.5%	5,598	3.9%	142,069	1.4%
	2030	64,117	1.3%	4,048	1.0%	15,840	0.2%	11,299	1.5%	627	1.1%	18.0	0.5%	53,548	1.3%	134	0.5%	399	0.8%	5,296	5.7%	2	5.7%	2,295	0.0%	4,229	1.5%	138,488	1.5%	5,681	3.9%	144,169	1.5%
	2031	64,914	1.2%	4,089	1.0%	15,873	0.2%	11,464	1.5%	633	1.0%	18.1	0.4%	54,228	1.3%	135	0.5%	402	0.8%	5,583	5.4%	2	5.4%	2,295	0.0%	4,289	1.4%	140,477	1.4%	5,763	3.9%	146,240	1.4%
	2032	65,687	1.2%	4,131	1.0%	15,901	0.2%	11,623	1.4%	639	1.0%	18.2	0.4%	54,882	1.2%	136	0.5%	405	0.7%	5,869	5.1%	3	5.1%	2,295	0.0%	4,346	1.3%	142,407	1.4%	6,038	4.1%	148,446	1.5%
	2033	66,459	1.2%	4,173	1.0%	15,927	0.2%	11,781	1.4%	645	0.9%	18.3	0.4%	55,529	1.2%	136	0.5%	407	0.7%	6,156	4.9%	3	4.9%	2,295	0.0%	4,404	1.3%	144,328	1.3%	5,921	3.9%	150,249	1.2%
	2034	67,212	1.1%	4,213	1.0%	15,953	0.2%	11,939	1.3%	651	0.9%	18.3	0.4%	56,178	1.2%	137	0.5%	410	0.7%	6,443	4.7%	3	4.7%	2,295	0.0%	4,461	1.3%	146,234	1.3%	5,999	3.9%	152,233	1.3%
	2035	67,931	1.1%	4,251	0.9%	15,978	0.2%	12,101	1.4%	657	0.9%	18.4	0.4%	56,838	1.2%	138	0.5%	413	0.7%	6,729	4.4%	3	4.5%	2,295	0.0%	4,520	1.3%	148,119	1.3%	6,077	3.9%	154,195	1.3%
	2036	68,651	1.1%	4,290	0.9%	16,004	0.2%	12,263	1.3%	663	0.9%	18.5	0.4%	57,501	1.2%	138	0.5%	416	0.7%	7,016	4.3%	3	4.3%	2,295	0.0%	4,579	1.3%	150,010	1.3%	6,361	4.1%	156,371	1.4%
	2037	69,396	1.1%	4,328	0.9%	16,035	0.2%	12,419	1.3%	669	0.9%	18.6	0.4%	58,138	1.1%	139	0.4%	419	0.7%	7,303	4.1%	3	4.1%	2,295	0.0%	4,635	1.2%	151,892	1.3%	6,232	3.9%	158,123	1.1%
	2038	70,152	1.1%	4,366	0.9%	16,069	0.2%	12,571	1.2%	675	0.8%	18.6	0.4%	58,757	1.1%	139	0.4%	422	0.6%	7,589	3.9%	3	3.9%	2,295	0.0%	4,691	1.2%	153,760	1.2%	6,308	3.9%	160,068	1.2%
CAGR	2009-2018		1.2%		1.1%		0.2%		-1.1%		0.9%		-2.1%		-1.1%		0.4%		-1.5%		-100.0%		-100.0%		-100.0%		1.0%		-1.0%		6.1%		-1.1%
	2019-2028		1.6%		1.4%		0.2%		1.6%		1.0%		0.6%		1.3%		0.5%		0.8%		0.0%		0.0%		0.0%		1.4%		1.9%		4.0%		1.9%
	2029-2038		1.1%		1.0%		0.2%		1.4%		0.9%		0.4%		1.2%		0.5%		0.7%		8.4%		8.4%		0.0%		1.3%		1.3%		4.0%		1.3%

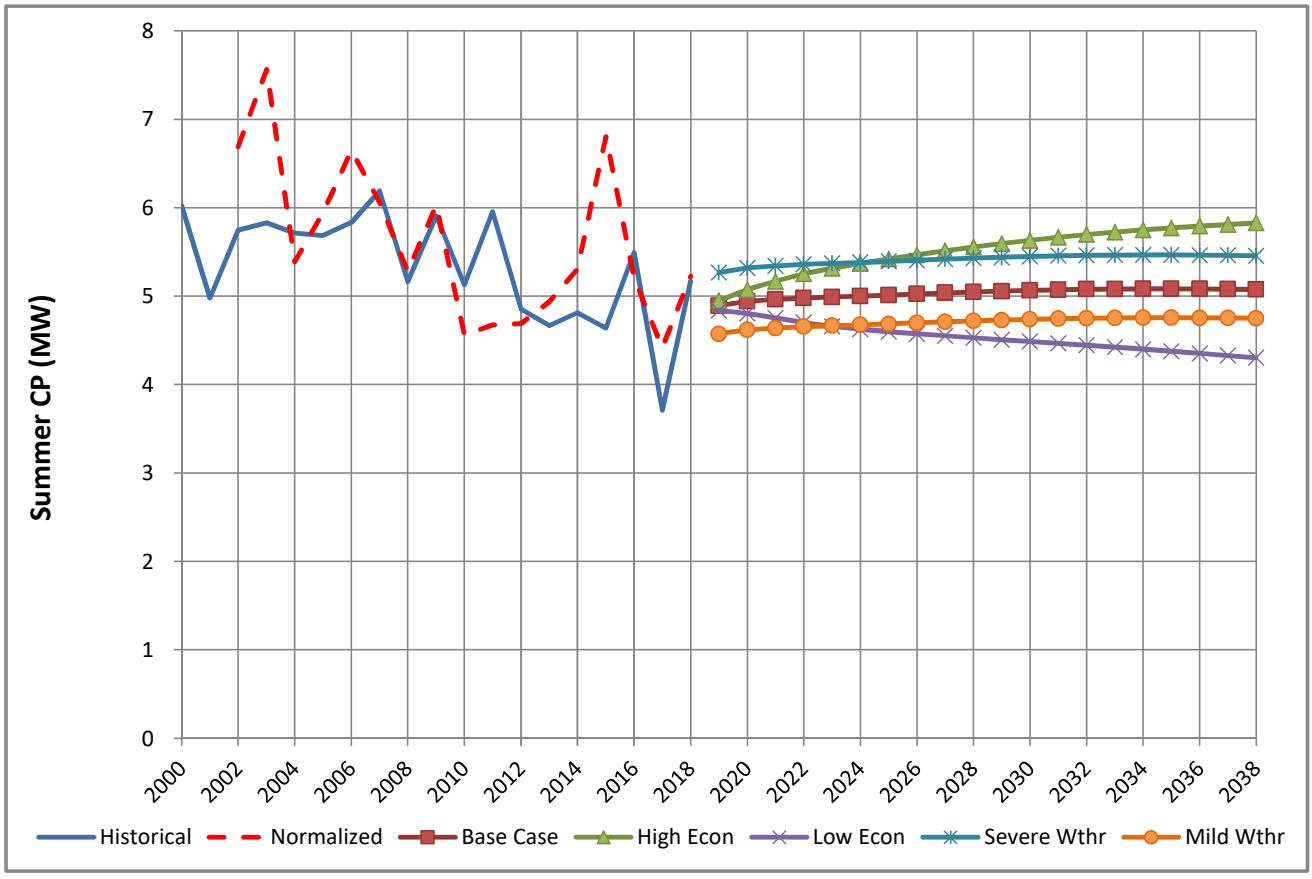
CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast

Havana

Historical and Projected NEL and Annual Coincident Peak Demand





FMPA 2019 Load Forecast - Low Economic Case

Havana

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

	Year	Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		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	2009	25,150	-	25,022	-	-0.5%	6.1	-	5.8	-	-4.8%	5.9	-	6.0		2.0%
	2010	27,320	8.6%	25,329	1.2%	-7.3%	6.6	9.4%	5.8	-0.3%	-13.2%	5.1	-13.2%	4.6	-24.4%	-11.1%
	2011	26,524	-2.9%	25,061	-1.1%	-5.5%	6.2	-6.2%	6.8	18.6%	9.9%	6.0	16.2%	5.1	12.4%	-14.0%
	2012	23,930	-9.8%	24,505	-2.2%	2.4%	5.5	-11.1%	5.2	-23.3%	-5.3%	4.9	-18.6%	4.7	-8.5%	-3.4%
	2013	24,585	2.7%	25,089	2.4%	2.0%	5.1	-8.7%	6.3	19.3%	23.7%	4.7	-3.8%	4.9	5.3%	5.7%
	2014	25,176	2.4%	24,956	-0.5%	-0.9%	5.4	6.6%	6.4	2.9%	19.4%	4.8	3.1%	5.3	7.5%	10.2%
	2015	25,771	2.4%	24,755	-0.8%	-3.9%	6.0	11.5%	7.2	12.4%	20.5%	4.6	-3.7%	6.8	28.3%	46.7%
	2016	24,925	-3.3%	24,638	-0.5%	-1.2%	3.1	-47.7%	6.4	-12.0%	102.7%	5.5	18.4%	5.2	-23.5%	-5.3%
	2017	23,634	-5.2%	24,555	-0.3%	3.9%	3.3	5.4%	6.3	-1.6%	89.4%	3.7	-32.4%	4.4	-15.1%	19.0%
	2018	25,402	7.5%	25,202	2.6%	-0.8%	6.9	108.6%	6.7	7.4%	-2.5%	5.2	39.3%	5.2	18.3%	1.1%
Projected	2019	25,475	0.3%	25,475	1.1%		6.0	-13.5%	6.0	-11.3%		4.8	-6.4%	4.8	-7.4%	
	2020			25,184	-1.1%				5.9	-0.7%				4.8	-0.7%	
	2021			24,941	-1.0%				5.9	-1.0%				4.8	-1.0%	
	2022			24,665	-1.1%				5.8	-1.1%				4.7	-1.1%	
	2023			24,434	-0.9%				5.8	-0.9%				4.7	-0.9%	
	2024			24,249	-0.8%				5.7	-0.7%				4.6	-0.7%	
	2025			24,092	-0.6%				5.7	-0.6%				4.6	-0.6%	
	2026			23,959	-0.6%				5.7	-0.5%				4.6	-0.5%	
	2027			23,848	-0.5%				5.6	-0.5%				4.6	-0.5%	
	2028			23,731	-0.5%				5.6	-0.5%				4.5	-0.5%	
	2029			23,616	-0.5%				5.6	-0.5%				4.5	-0.5%	
	2030			23,506	-0.5%				5.5	-0.4%				4.5	-0.4%	
	2031			23,406	-0.4%				5.5	-0.4%				4.5	-0.4%	
	2032			23,291	-0.5%				5.5	-0.5%				4.4	-0.5%	
	2033			23,172	-0.5%				5.5	-0.5%				4.4	-0.5%	
	2034			23,053	-0.5%				5.4	-0.5%				4.4	-0.5%	
	2035			22,932	-0.5%				5.4	-0.5%				4.4	-0.5%	
	2036			22,805	-0.6%				5.4	-0.5%				4.4	-0.5%	
	2037			22,680	-0.5%				5.3	-0.6%				4.3	-0.6%	
	2038			22,550	-0.6%				5.3	-0.6%				4.3	-0.6%	
CAGR [3]	2009-2018		0.1%		0.1%			1.4%		1.7%			-1.5%		-1.6%	
	2019-2028				-0.8%					-0.7%					-0.7%	
	2029-2038				-0.5%					-0.5%					-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 2019 Load Forecast - Low Economic Case

Havana

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	25,150	-	25,022	-	-0.5%	6.1	-	46.8%	5.9	-	48.3%
	2010	27,320	8.6%	25,329	1.2%	-7.3%	6.8	10.9%	45.8%	6.2	4.3%	50.3%
	2011	26,524	-2.9%	25,061	-1.1%	-5.5%	6.4	-5.5%	47.0%	6.2	-0.6%	49.2%
	2012	23,930	-9.8%	24,505	-2.2%	2.4%	5.8	-10.5%	47.4%	5.7	-7.6%	48.0%
	2013	24,585	2.7%	25,089	2.4%	2.0%	5.3	-8.9%	53.5%	5.6	-1.6%	50.1%
	2014	25,176	2.4%	24,956	-0.5%	-0.9%	6.4	22.1%	44.8%	5.8	4.1%	49.3%
	2015	25,771	2.4%	24,755	-0.8%	-3.9%	6.2	-2.9%	47.2%	5.8	-0.5%	50.7%
	2016	24,925	-3.3%	24,638	-0.5%	-1.2%	6.2	-0.2%	45.8%	5.7	-2.5%	50.3%
	2017	23,634	-5.2%	24,555	-0.3%	3.9%	6.2	-0.9%	43.8%	5.7	0.8%	47.3%
	2018	25,402	7.5%	25,202	2.6%	-0.8%	7.0	13.2%	41.6%	5.7	0.1%	50.8%
Projected	2019	25,475	0.3%	25,475	1.1%		6.2	-10.5%	46.6%	5.8	2.3%	49.7%
	2020	25,184	-1.1%	25,184	-1.1%		6.2	-0.7%	46.4%	5.8	-0.7%	49.5%
	2021	24,941	-1.0%	24,941	-1.0%		6.1	-1.0%	46.4%	5.7	-1.0%	49.5%
	2022	24,665	-1.1%	24,665	-1.1%		6.1	-1.1%	46.4%	5.7	-1.1%	49.5%
	2023	24,434	-0.9%	24,434	-0.9%		6.0	-0.9%	46.4%	5.6	-0.9%	49.5%
	2024	24,249	-0.8%	24,249	-0.8%		6.0	-0.7%	46.3%	5.6	-0.7%	49.5%
	2025	24,092	-0.6%	24,092	-0.6%		5.9	-0.6%	46.3%	5.6	-0.6%	49.5%
	2026	23,959	-0.6%	23,959	-0.6%		5.9	-0.5%	46.3%	5.5	-0.5%	49.5%
	2027	23,848	-0.5%	23,848	-0.5%		5.9	-0.5%	46.3%	5.5	-0.5%	49.5%
	2028	23,731	-0.5%	23,731	-0.5%		5.8	-0.5%	46.3%	5.5	-0.5%	49.5%
	2029	23,616	-0.5%	23,616	-0.5%		5.8	-0.5%	46.3%	5.4	-0.5%	49.5%
	2030	23,506	-0.5%	23,506	-0.5%		5.8	-0.4%	46.3%	5.4	-0.4%	49.5%
	2031	23,406	-0.4%	23,406	-0.4%		5.8	-0.4%	46.3%	5.4	-0.4%	49.5%
	2032	23,291	-0.5%	23,291	-0.5%		5.7	-0.5%	46.3%	5.4	-0.5%	49.5%
	2033	23,172	-0.5%	23,172	-0.5%		5.7	-0.5%	46.3%	5.3	-0.5%	49.5%
	2034	23,053	-0.5%	23,053	-0.5%		5.7	-0.5%	46.3%	5.3	-0.5%	49.5%
	2035	22,932	-0.5%	22,932	-0.5%		5.6	-0.5%	46.3%	5.3	-0.5%	49.5%
	2036	22,805	-0.6%	22,805	-0.6%		5.6	-0.5%	46.3%	5.3	-0.5%	49.5%
	2037	22,680	-0.5%	22,680	-0.5%		5.6	-0.6%	46.3%	5.2	-0.6%	49.5%
	2038	22,550	-0.6%	22,550	-0.6%		5.6	-0.6%	46.3%	5.2	-0.6%	49.5%
CAGR [1]	2009-2018		0.1%		0.1%			1.4%	46.4%		-0.4%	49.4%
	2019-2028		-0.8%		-0.8%			-0.7%	46.4%		-0.7%	49.5%
	2029-2038		-0.5%		-0.5%			-0.5%	46.3%		-0.5%	49.5%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Low Economic Case

Havana

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	2,221	1,972	1,731	1,630	1,990	2,655	2,533	2,454	2,217	1,935	1,708	2,301	25,345	25,150
	2010	2,705	2,349	1,913	1,581	2,120	2,608	2,765	2,832	2,504	1,799	1,759	2,753	27,688	27,320
	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	1,887	1,800	2,129	25,359	25,402
Projected	2019	2,427	1,822	1,875	1,593	2,089	2,452	2,671	2,549	2,180	1,750	1,783	2,119	25,310	25,475
	2020	2,410	1,811	1,865	1,583	2,076	2,437	2,652	2,532	2,165	1,737	1,770	2,103	25,142	25,184
	2021	2,389	1,794	1,848	1,569	2,057	2,412	2,624	2,501	2,138	1,718	1,752	2,082	24,882	24,941
	2022	2,364	1,775	1,828	1,552	2,035	2,383	2,590	2,471	2,114	1,700	1,735	2,059	24,608	24,665
	2023	2,338	1,756	1,811	1,539	2,018	2,363	2,568	2,450	2,097	1,687	1,721	2,042	24,390	24,434
	2024	2,318	1,741	1,796	1,528	2,004	2,346	2,549	2,433	2,082	1,676	1,710	2,028	24,213	24,249
	2025	2,302	1,729	1,785	1,518	1,993	2,332	2,533	2,417	2,069	1,666	1,701	2,015	24,060	24,092
	2026	2,286	1,718	1,774	1,510	1,983	2,320	2,520	2,405	2,060	1,659	1,693	2,006	23,935	23,959
	2027	2,275	1,710	1,766	1,504	1,974	2,309	2,508	2,393	2,050	1,652	1,685	1,996	23,822	23,848
	2028	2,263	1,700	1,757	1,497	1,966	2,298	2,496	2,382	2,040	1,644	1,678	1,986	23,706	23,731
Projected	2029	2,251	1,691	1,748	1,490	1,957	2,287	2,484	2,370	2,030	1,637	1,670	1,976	23,590	23,616
	2030	2,239	1,682	1,740	1,483	1,949	2,277	2,473	2,360	2,021	1,630	1,664	1,967	23,485	23,506
	2031	2,229	1,675	1,732	1,477	1,941	2,267	2,462	2,349	2,012	1,623	1,656	1,958	23,381	23,406
	2032	2,217	1,666	1,723	1,470	1,932	2,256	2,450	2,337	2,002	1,615	1,648	1,947	23,265	23,291
	2033	2,205	1,657	1,714	1,463	1,923	2,245	2,437	2,325	1,992	1,607	1,640	1,937	23,146	23,172
	2034	2,193	1,648	1,705	1,456	1,913	2,234	2,425	2,313	1,982	1,599	1,632	1,927	23,028	23,053
	2035	2,181	1,639	1,696	1,448	1,904	2,222	2,411	2,300	1,971	1,591	1,623	1,916	22,903	22,932
	2036	2,168	1,629	1,687	1,441	1,894	2,210	2,398	2,288	1,960	1,583	1,615	1,905	22,778	22,805
	2037	2,155	1,620	1,677	1,433	1,884	2,198	2,385	2,275	1,949	1,574	1,606	1,894	22,650	22,680
	2038	2,142	1,609	1,667	1,425	1,874	2,186	2,371	2,262	1,939	1,566	1,598	1,883	22,523	22,550

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.8%	7.8%	6.8%	6.4%	7.8%	10.5%	10.0%	9.7%	8.7%	7.6%	6.7%	9.1%	100.0%
	2010	9.8%	8.5%	6.9%	5.7%	7.7%	9.4%	10.0%	10.2%	9.0%	6.5%	6.4%	9.9%	100.0%
	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%	7.4%	7.1%	8.4%	100.0%
Projected	2019	9.6%	7.2%	7.4%	6.3%	8.3%	9.7%	10.6%	10.1%	8.6%	6.9%	7.0%	8.4%	100.0%
	2020	9.6%	7.2%	7.4%	6.3%	8.3%	9.7%	10.5%	10.1%	8.6%	6.9%	7.0%	8.4%	100.0%
	2021	9.6%	7.2%	7.4%	6.3%	8.3%	9.7%	10.5%	10.1%	8.6%	6.9%	7.0%	8.4%	100.0%
	2022	9.6%	7.2%	7.4%	6.3%	8.3%	9.7%	10.5%	10.0%	8.6%	6.9%	7.0%	8.4%	100.0%
	2023	9.6%	7.2%	7.4%	6.3%	8.3%	9.7%	10.5%	10.0%	8.6%	6.9%	7.1%	8.4%	100.0%
	2024	9.6%	7.2%	7.4%	6.3%	8.3%	9.7%	10.5%	10.0%	8.6%	6.9%	7.1%	8.4%	100.0%
	2025	9.6%	7.2%	7.4%	6.3%	8.3%	9.7%	10.5%	10.0%	8.6%	6.9%	7.1%	8.4%	100.0%
	2026	9.6%	7.2%	7.4%	6.3%	8.3%	9.7%	10.5%	10.0%	8.6%	6.9%	7.1%	8.4%	100.0%
	2027	9.6%	7.2%	7.4%	6.3%	8.3%	9.7%	10.5%	10.0%	8.6%	6.9%	7.1%	8.4%	100.0%
	2028	9.5%	7.2%	7.4%	6.3%	8.3%	9.7%	10.5%	10.0%	8.6%	6.9%	7.1%	8.4%	100.0%
Avg.	2009-2018	9.3%	7.4%	7.0%	6.5%	8.1%	9.7%	10.2%	10.2%	8.9%	7.2%	7.0%	8.4%	100.0%
	2019-2028	9.6%	7.2%	7.4%	6.3%	8.3%	9.7%	10.5%	10.1%	8.6%	6.9%	7.1%	8.4%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Low Economic Case

Havana

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	6.0	6.1	5.1	4.1	4.6	5.9	5.7	5.6	5.1	5.0	3.9	5.2	6.1	5.9
	2010	6.8	6.0	4.9	3.3	4.9	5.9	6.2	5.9	5.8	4.1	4.2	6.2	6.8	6.2
	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	4.3	4.6	5.1	7.0	5.7
Projected	2019	6.2	5.6	4.0	3.7	4.9	5.8	5.7	5.5	5.2	4.4	4.5	5.1	6.2	5.8
	2020	6.2	5.6	4.0	3.7	4.9	5.8	5.6	5.5	5.2	4.3	4.5	5.1	6.2	5.8
	2021	6.1	5.5	4.0	3.7	4.8	5.7	5.6	5.4	5.1	4.3	4.4	5.0	6.1	5.7
	2022	6.1	5.5	3.9	3.6	4.8	5.7	5.5	5.3	5.1	4.3	4.4	5.0	6.1	5.7
	2023	6.0	5.4	3.9	3.6	4.7	5.6	5.5	5.3	5.0	4.2	4.4	4.9	6.0	5.6
	2024	6.0	5.4	3.9	3.6	4.7	5.6	5.4	5.3	5.0	4.2	4.3	4.9	6.0	5.6
	2025	5.9	5.3	3.8	3.5	4.7	5.6	5.4	5.2	5.0	4.2	4.3	4.9	5.9	5.6
	2026	5.9	5.3	3.8	3.5	4.7	5.5	5.3	5.2	4.9	4.1	4.3	4.8	5.9	5.5
	2027	5.9	5.3	3.8	3.5	4.6	5.5	5.3	5.2	4.9	4.1	4.3	4.8	5.9	5.5
	2028	5.8	5.3	3.8	3.5	4.6	5.5	5.3	5.2	4.9	4.1	4.3	4.8	5.8	5.5
Projected	2029	5.8	5.2	3.8	3.5	4.6	5.4	5.3	5.1	4.9	4.1	4.2	4.8	5.8	5.4
	2030	5.8	5.2	3.7	3.5	4.6	5.4	5.2	5.1	4.9	4.1	4.2	4.7	5.8	5.4
	2031	5.8	5.2	3.7	3.4	4.5	5.4	5.2	5.1	4.8	4.0	4.2	4.7	5.8	5.4
	2032	5.7	5.2	3.7	3.4	4.5	5.4	5.2	5.1	4.8	4.0	4.2	4.7	5.7	5.4
	2033	5.7	5.1	3.7	3.4	4.5	5.3	5.2	5.0	4.8	4.0	4.2	4.7	5.7	5.3
	2034	5.7	5.1	3.7	3.4	4.5	5.3	5.1	5.0	4.8	4.0	4.1	4.6	5.7	5.3
	2035	5.6	5.1	3.6	3.4	4.5	5.3	5.1	5.0	4.7	4.0	4.1	4.6	5.6	5.3
	2036	5.6	5.0	3.6	3.3	4.4	5.3	5.1	4.9	4.7	3.9	4.1	4.6	5.6	5.3
	2037	5.6	5.0	3.6	3.3	4.4	5.2	5.1	4.9	4.7	3.9	4.1	4.6	5.6	5.2
	2038	5.6	5.0	3.6	3.3	4.4	5.2	5.0	4.9	4.7	3.9	4.0	4.5	5.6	5.2

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	49.7%	47.8%	45.7%	54.1%	64.4%	60.1%	61.3%	58.9%	60.9%	51.7%	59.3%	61.2%	47.1%	48.7%
	2010	53.4%	58.8%	52.1%	64.4%	64.1%	59.1%	62.0%	64.3%	59.6%	59.4%	56.6%	61.4%	46.4%	51.0%
	2011	54.8%	52.0%	56.9%	55.4%	61.1%	57.9%	62.7%	63.9%	56.8%	65.0%	53.7%	57.5%	45.3%	47.4%
	2012	48.6%	43.9%	63.0%	50.2%	62.0%	53.1%	62.5%	59.4%	58.3%	57.4%	56.3%	56.4%	48.0%	48.6%
	2013	54.0%	52.2%	54.2%	63.4%	62.8%	58.8%	62.0%	63.2%	59.0%	56.0%	48.0%	57.8%	53.4%	50.0%
	2014	55.8%	53.3%	55.8%	60.3%	62.3%	58.3%	61.9%	61.5%	56.5%	54.3%	46.7%	56.1%	45.2%	49.7%
	2015	49.8%	54.3%	54.7%	60.2%	64.3%	56.0%	67.1%	63.2%	58.1%	55.7%	57.4%	50.9%	46.3%	49.7%
	2016	51.6%	50.9%	61.2%	51.6%	61.2%	59.1%	65.5%	65.0%	63.0%	52.8%	59.0%	54.2%	45.9%	50.4%
	2017	42.9%	56.3%	48.7%	56.8%	61.7%	55.7%	63.4%	60.0%	61.0%	58.0%	58.9%	52.4%	44.7%	48.3%
	2018	53.3%	47.8%	50.6%	66.3%	64.1%	58.0%	63.9%	62.5%	63.1%	59.3%	52.9%	57.6%	41.5%	50.7%
Projected	2019	52.3%	48.4%	62.6%	57.6%	63.2%	56.4%	65.6%	62.3%	57.9%	53.8%	52.8%	57.7%	46.3%	49.4%
	2020	52.2%	46.7%	62.7%	57.6%	63.2%	56.4%	65.6%	62.3%	57.9%	53.7%	53.0%	57.8%	46.3%	49.4%
	2021	52.3%	48.4%	62.7%	57.7%	63.2%	56.4%	65.5%	62.2%	57.7%	53.7%	53.0%	57.9%	46.3%	49.4%
	2022	52.3%	48.5%	62.8%	57.7%	63.3%	56.4%	65.4%	62.1%	57.7%	53.7%	53.0%	57.8%	46.3%	49.4%
	2023	52.2%	48.4%	62.7%	57.7%	63.3%	56.4%	65.4%	62.1%	57.8%	53.8%	52.9%	57.7%	46.3%	49.4%
	2024	52.2%	46.7%	62.7%	57.7%	63.3%	56.4%	65.4%	62.1%	57.8%	53.8%	52.9%	57.7%	46.3%	49.4%
	2025	52.1%	48.3%	62.7%	57.7%	63.4%	56.4%	65.4%	62.1%	57.8%	53.9%	52.9%	57.6%	46.3%	49.4%
	2026	52.1%	48.2%	62.6%	57.7%	63.4%	56.4%	65.4%	62.2%	57.8%	53.9%	52.9%	57.6%	46.3%	49.4%
	2027	52.0%	48.2%	62.6%	57.7%	63.4%	56.4%	65.4%	62.1%	57.8%	53.9%	52.9%	57.6%	46.3%	49.4%
	2028	52.0%	46.5%	62.6%	57.8%	63.5%	56.4%	65.4%	62.1%	57.8%	53.9%	53.0%	57.6%	46.3%	49.4%
Avg.	2009-2018	51.4%	51.7%	54.3%	58.3%	62.8%	57.6%	63.2%	62.2%	59.6%	57.0%	54.9%	56.5%	46.4%	49.4%
	2019-2028	52.2%	47.8%	62.7%	57.7%	63.3%	56.4%	65.5%	62.2%	57.8%	53.8%	52.9%	57.7%	46.3%	49.4%

FMPA 2019 Load Forecast - Low Economic Case

Havana

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	5.9	6.1	4.7	3.4	4.5	5.9	4.7	5.4	4.9	4.8	2.2	5.0	6.1	5.9
	2010	6.6	5.8	4.9	3.0	4.6	5.1	5.6	4.7	5.6	4.1	2.8	6.2	6.6	5.1
	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	3.8	3.2	4.2	6.9	5.2
Projected	2019	6.0	4.9	3.3	3.3	4.7	5.3	5.1	4.8	4.6	3.9	3.2	4.1	6.0	4.8
	2020	5.9	4.9	3.3	3.3	4.6	5.3	5.0	4.8	4.6	3.9	3.1	4.1	5.9	4.8
	2021	5.9	4.8	3.3	3.2	4.6	5.2	5.0	4.8	4.5	3.8	3.1	4.0	5.9	4.8
	2022	5.8	4.8	3.2	3.2	4.5	5.2	4.9	4.7	4.5	3.8	3.1	4.0	5.8	4.7
	2023	5.8	4.7	3.2	3.2	4.5	5.1	4.9	4.7	4.4	3.8	3.0	4.0	5.8	4.7
	2024	5.7	4.7	3.2	3.2	4.5	5.1	4.8	4.6	4.4	3.7	3.0	4.0	5.7	4.6
	2025	5.7	4.7	3.2	3.1	4.4	5.1	4.8	4.6	4.4	3.7	3.0	3.9	5.7	4.6
	2026	5.7	4.7	3.1	3.1	4.4	5.0	4.8	4.6	4.3	3.7	3.0	3.9	5.7	4.6
	2027	5.6	4.6	3.1	3.1	4.4	5.0	4.8	4.6	4.3	3.7	3.0	3.9	5.6	4.6
	2028	5.6	4.6	3.1	3.1	4.4	5.0	4.7	4.5	4.3	3.7	3.0	3.9	5.6	4.5
Projected	2029	5.6	4.6	3.1	3.1	4.4	5.0	4.7	4.5	4.3	3.6	2.9	3.9	5.6	4.5
	2030	5.5	4.6	3.1	3.1	4.3	4.9	4.7	4.5	4.3	3.6	2.9	3.8	5.5	4.5
	2031	5.5	4.6	3.1	3.0	4.3	4.9	4.7	4.5	4.2	3.6	2.9	3.8	5.5	4.5
	2032	5.5	4.5	3.1	3.0	4.3	4.9	4.7	4.4	4.2	3.6	2.9	3.8	5.5	4.4
	2033	5.5	4.5	3.0	3.0	4.3	4.9	4.6	4.4	4.2	3.6	2.9	3.8	5.5	4.4
	2034	5.4	4.5	3.0	3.0	4.2	4.8	4.6	4.4	4.2	3.6	2.9	3.8	5.4	4.4
	2035	5.4	4.5	3.0	3.0	4.2	4.8	4.6	4.4	4.1	3.5	2.9	3.7	5.4	4.4
	2036	5.4	4.4	3.0	3.0	4.2	4.8	4.6	4.4	4.1	3.5	2.8	3.7	5.4	4.4
	2037	5.3	4.4	3.0	3.0	4.2	4.8	4.5	4.3	4.1	3.5	2.8	3.7	5.3	4.3
	2038	5.3	4.4	3.0	2.9	4.2	4.7	4.5	4.3	4.1	3.5	2.8	3.7	5.3	4.3

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	98.9%	99.0%	92.8%	83.3%	97.2%	99.5%	82.0%	96.4%	97.5%	96.4%	57.1%	95.2%	99.0%	99.5%
	2010	97.6%	97.6%	99.8%	90.2%	94.2%	86.5%	90.1%	78.7%	96.5%	100.0%	66.8%	100.0%	97.6%	82.7%
	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%	89.3%	69.6%	81.0%	99.1%	90.5%
Projected	2019	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2020	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2021	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2022	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2023	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2024	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2025	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2026	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2027	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2028	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2009-2018	95.7%	88.6%	82.6%	88.8%	94.9%	90.9%	89.5%	86.8%	87.7%	87.8%	70.1%	79.8%	87.0%	86.3%
	2019-2028	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%

FMPA 2019 Load Forecast - Low Economic Case - Havana

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	13,249		1,122		11,810		10,427		254		41.0		23,676		1,474	5.9%	25,150	
	2010	14,583	10.1%	1,116	-0.6%	13,073	10.7%	11,029	5.8%	254	-0.1%	43.4	5.8%	25,612	8.2%	1,708	6.3%	27,320	8.6%
	2011	13,929	-4.5%	1,105	-0.9%	12,602	-3.6%	11,284	2.3%	262	3.0%	43.2	-0.7%	25,213	-1.6%	1,311	4.9%	26,524	-2.9%
	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%
Projected	2019	13,928	0.1%	1,132	-0.5%	12,298	0.7%	10,251	0.5%	321	1.3%	32.0	-0.7%	24,179	0.3%	1,296	5.1%	25,475	0.3%
	2020	13,778	-1.1%	1,123	-0.9%	12,274	-0.2%	10,106	-1.4%	320	-0.2%	31.6	-1.2%	23,884	-1.2%	1,300	5.2%	25,184	-1.1%
	2021	13,587	-1.4%	1,116	-0.5%	12,171	-0.8%	10,065	-0.4%	320	-0.1%	31.5	-0.3%	23,652	-1.0%	1,288	5.2%	24,941	-1.0%
	2022	13,350	-1.7%	1,112	-0.4%	12,010	-1.3%	10,041	-0.2%	319	-0.1%	31.4	-0.2%	23,391	-1.1%	1,274	5.2%	24,665	-1.1%
	2023	13,147	-1.5%	1,107	-0.4%	11,873	-1.1%	10,025	-0.2%	319	0.0%	31.4	-0.2%	23,171	-0.9%	1,262	5.2%	24,434	-0.9%
	2024	12,984	-1.2%	1,104	-0.3%	11,765	-0.9%	10,012	-0.1%	319	0.0%	31.4	-0.1%	22,996	-0.8%	1,253	5.2%	24,249	-0.8%
	2025	12,843	-1.1%	1,100	-0.3%	11,673	-0.8%	10,004	-0.1%	320	0.0%	31.3	-0.1%	22,847	-0.6%	1,245	5.2%	24,092	-0.6%
	2026	12,721	-0.9%	1,097	-0.3%	11,599	-0.6%	9,999	-0.1%	320	0.1%	31.3	-0.1%	22,720	-0.6%	1,238	5.2%	23,959	-0.6%
	2027	12,623	-0.8%	1,094	-0.3%	11,544	-0.5%	9,993	-0.1%	320	0.1%	31.2	-0.1%	22,616	-0.5%	1,233	5.2%	23,848	-0.5%
	2028	12,519	-0.8%	1,090	-0.3%	11,482	-0.5%	9,985	-0.1%	320	0.1%	31.2	-0.1%	22,504	-0.5%	1,227	5.2%	23,731	-0.5%
	2029	12,417	-0.8%	1,087	-0.3%	11,420	-0.5%	9,979	-0.1%	320	0.1%	31.2	-0.1%	22,395	-0.5%	1,221	5.2%	23,616	-0.5%
	2030	12,320	-0.8%	1,084	-0.3%	11,366	-0.5%	9,970	-0.1%	320	0.0%	31.1	-0.1%	22,290	-0.5%	1,215	5.2%	23,506	-0.5%
	2031	12,237	-0.7%	1,081	-0.3%	11,323	-0.4%	9,959	-0.1%	320	0.0%	31.1	-0.1%	22,195	-0.4%	1,210	5.2%	23,406	-0.4%
	2032	12,145	-0.7%	1,077	-0.3%	11,274	-0.4%	9,941	-0.2%	320	0.0%	31.0	-0.2%	22,087	-0.5%	1,204	5.2%	23,291	-0.5%
	2033	12,050	-0.8%	1,074	-0.3%	11,221	-0.5%	9,924	-0.2%	320	0.0%	31.0	-0.2%	21,974	-0.5%	1,198	5.2%	23,172	-0.5%
	2034	11,954	-0.8%	1,070	-0.3%	11,168	-0.5%	9,907	-0.2%	320	0.0%	30.9	-0.2%	21,861	-0.5%	1,192	5.2%	23,053	-0.5%
	2035	11,853	-0.8%	1,067	-0.3%	11,110	-0.5%	9,893	-0.1%	320	0.0%	30.9	-0.1%	21,746	-0.5%	1,186	5.2%	22,932	-0.5%
	2036	11,748	-0.9%	1,063	-0.3%	11,047	-0.6%	9,877	-0.2%	320	0.0%	30.8	-0.1%	21,625	-0.6%	1,179	5.2%	22,805	-0.6%
	2037	11,648	-0.9%	1,060	-0.3%	10,987	-0.5%	9,859	-0.2%	320	0.0%	30.8	-0.2%	21,507	-0.5%	1,173	5.2%	22,680	-0.5%
	2038	11,546	-0.9%	1,057	-0.3%	10,923	-0.6%	9,838	-0.2%	320	0.0%	30.7	-0.2%	21,384	-0.6%	1,166	5.2%	22,550	-0.6%
CAGR	2009-2018		0.5%		0.2%		0.4%		-0.2%		2.5%		-2.7%		0.2%		5.4%		0.1%
	2019-2028		-1.2%		-0.4%		-0.8%		-0.3%		0.0%		-0.3%		-0.8%		5.2%		-0.8%
	2029-2038		-0.8%		-0.3%		-0.5%		-0.2%		0.0%		-0.1%		-0.5%		5.2%		-0.5%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - High Economic Case

Havana

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

	Year	Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		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	2009	25,150	-	25,022	-	-0.5%	6.1	-	5.8	-	-4.8%	5.9	-	6.0		2.0%
	2010	27,320	8.6%	25,329	1.2%	-7.3%	6.6	9.4%	5.8	-0.3%	-13.2%	5.1	-13.2%	4.6	-24.4%	-11.1%
	2011	26,524	-2.9%	25,061	-1.1%	-5.5%	6.2	-6.2%	6.8	18.6%	9.9%	6.0	16.2%	5.1	12.4%	-14.0%
	2012	23,930	-9.8%	24,505	-2.2%	2.4%	5.5	-11.1%	5.2	-23.3%	-5.3%	4.9	-18.6%	4.7	-8.5%	-3.4%
	2013	24,585	2.7%	25,089	2.4%	2.0%	5.1	-8.7%	6.3	19.3%	23.7%	4.7	-3.8%	4.9	5.3%	5.7%
	2014	25,176	2.4%	24,956	-0.5%	-0.9%	5.4	6.6%	6.4	2.9%	19.4%	4.8	3.1%	5.3	7.5%	10.2%
	2015	25,771	2.4%	24,755	-0.8%	-3.9%	6.0	11.5%	7.2	12.4%	20.5%	4.6	-3.7%	6.8	28.3%	46.7%
	2016	24,925	-3.3%	24,638	-0.5%	-1.2%	3.1	-47.7%	6.4	-12.0%	102.7%	5.5	18.4%	5.2	-23.5%	-5.3%
	2017	23,634	-5.2%	24,555	-0.3%	3.9%	3.3	5.4%	6.3	-1.6%	89.4%	3.7	-32.4%	4.4	-15.1%	19.0%
	2018	25,402	7.5%	25,202	2.6%	-0.8%	6.9	108.6%	6.7	7.4%	-2.5%	5.2	39.3%	5.2	18.3%	1.1%
Projected	2019	25,862	1.8%	25,862	2.6%		6.1	-11.5%	6.1	-9.3%		4.9	-4.3%	4.9	-5.3%	
	2020			26,422	2.2%				6.3	2.5%				5.1	2.5%	
	2021			26,929	1.9%				6.4	1.8%				5.2	1.8%	
	2022			27,396	1.7%				6.5	1.6%				5.3	1.6%	
	2023			27,750	1.3%				6.6	1.2%				5.3	1.2%	
	2024			28,038	1.0%				6.6	1.0%				5.4	1.0%	
	2025			28,299	0.9%				6.7	0.9%				5.4	0.9%	
	2026			28,555	0.9%				6.8	0.9%				5.5	0.9%	
	2027			28,809	0.9%				6.8	0.9%				5.5	0.9%	
	2028			29,032	0.8%				6.9	0.8%				5.6	0.8%	
	2029			29,233	0.7%				6.9	0.7%				5.6	0.7%	
	2030			29,425	0.7%				7.0	0.7%				5.6	0.7%	
	2031			29,617	0.7%				7.0	0.6%				5.7	0.6%	
	2032			29,783	0.6%				7.0	0.5%				5.7	0.5%	
	2033			29,930	0.5%				7.1	0.5%				5.7	0.5%	
	2034			30,066	0.5%				7.1	0.4%				5.7	0.4%	
	2035			30,185	0.4%				7.1	0.4%				5.8	0.4%	
	2036			30,289	0.3%				7.2	0.3%				5.8	0.3%	
	2037			30,390	0.3%				7.2	0.3%				5.8	0.3%	
	2038			30,479	0.3%				7.2	0.3%				5.8	0.3%	
CAGR [3]	2009-2018		0.1%		0.1%			1.4%		1.7%			-1.5%		-1.6%	
	2019-2028				1.3%					1.3%					1.3%	
	2029-2038				0.5%					0.5%					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 2019 Load Forecast - High Economic Case

Havana

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	25,150	-	25,022	-	-0.5%	6.1	-	46.8%	5.9	-	48.3%
	2010	27,320	8.6%	25,329	1.2%	-7.3%	6.8	10.9%	45.8%	6.2	4.3%	50.3%
	2011	26,524	-2.9%	25,061	-1.1%	-5.5%	6.4	-5.5%	47.0%	6.2	-0.6%	49.2%
	2012	23,930	-9.8%	24,505	-2.2%	2.4%	5.8	-10.5%	47.4%	5.7	-7.6%	48.0%
	2013	24,585	2.7%	25,089	2.4%	2.0%	5.3	-8.9%	53.5%	5.6	-1.6%	50.1%
	2014	25,176	2.4%	24,956	-0.5%	-0.9%	6.4	22.1%	44.8%	5.8	4.1%	49.3%
	2015	25,771	2.4%	24,755	-0.8%	-3.9%	6.2	-2.9%	47.2%	5.8	-0.5%	50.7%
	2016	24,925	-3.3%	24,638	-0.5%	-1.2%	6.2	-0.2%	45.8%	5.7	-2.5%	50.3%
	2017	23,634	-5.2%	24,555	-0.3%	3.9%	6.2	-0.9%	43.8%	5.7	0.8%	47.3%
	2018	25,402	7.5%	25,202	2.6%	-0.8%	7.0	13.2%	41.6%	5.7	0.1%	50.8%
Projected	2019	25,862	1.8%	25,862	2.6%		6.4	-8.4%	46.2%	6.0	4.7%	49.4%
	2020	26,422	2.2%	26,422	2.2%		6.5	2.5%	46.1%	6.1	2.5%	49.2%
	2021	26,929	1.9%	26,929	1.9%		6.7	1.8%	46.1%	6.2	1.8%	49.2%
	2022	27,396	1.7%	27,396	1.7%		6.8	1.6%	46.1%	6.3	1.6%	49.3%
	2023	27,750	1.3%	27,750	1.3%		6.9	1.2%	46.2%	6.4	1.2%	49.3%
	2024	28,038	1.0%	28,038	1.0%		6.9	1.0%	46.2%	6.5	1.0%	49.3%
	2025	28,299	0.9%	28,299	0.9%		7.0	0.9%	46.2%	6.5	0.9%	49.3%
	2026	28,555	0.9%	28,555	0.9%		7.1	0.9%	46.2%	6.6	0.9%	49.3%
	2027	28,809	0.9%	28,809	0.9%		7.1	0.9%	46.2%	6.7	0.9%	49.3%
	2028	29,032	0.8%	29,032	0.8%		7.2	0.8%	46.2%	6.7	0.8%	49.3%
	2029	29,233	0.7%	29,233	0.7%		7.2	0.7%	46.2%	6.8	0.7%	49.4%
	2030	29,425	0.7%	29,425	0.7%		7.3	0.7%	46.2%	6.8	0.7%	49.3%
	2031	29,617	0.7%	29,617	0.7%		7.3	0.6%	46.2%	6.8	0.6%	49.4%
	2032	29,783	0.6%	29,783	0.6%		7.4	0.5%	46.2%	6.9	0.5%	49.4%
	2033	29,930	0.5%	29,930	0.5%		7.4	0.5%	46.2%	6.9	0.5%	49.4%
	2034	30,066	0.5%	30,066	0.5%		7.4	0.4%	46.2%	7.0	0.4%	49.4%
	2035	30,185	0.4%	30,185	0.4%		7.5	0.4%	46.2%	7.0	0.4%	49.4%
	2036	30,289	0.3%	30,289	0.3%		7.5	0.3%	46.2%	7.0	0.3%	49.4%
	2037	30,390	0.3%	30,390	0.3%		7.5	0.3%	46.3%	7.0	0.3%	49.4%
	2038	30,479	0.3%	30,479	0.3%		7.5	0.3%	46.3%	7.0	0.3%	49.4%
CAGR [1]	2009-2018		0.1%		0.1%			1.4%	46.4%		-0.4%	49.4%
	2019-2028		1.3%		1.3%			1.3%	46.2%		1.3%	49.3%
	2029-2038		0.5%		0.5%			0.5%	46.2%		0.5%	49.4%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - High Economic Case

Havana

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	2,221	1,972	1,731	1,630	1,990	2,655	2,533	2,454	2,217	1,935	1,708	2,301	25,345	25,150
	2010	2,705	2,349	1,913	1,581	2,120	2,608	2,765	2,832	2,504	1,799	1,759	2,753	27,688	27,320
	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	1,890	1,804	2,137	25,374	25,402
Projected	2019	2,444	1,840	1,898	1,617	2,127	2,504	2,736	2,619	2,247	1,809	1,849	2,204	25,893	25,862
	2020	2,511	1,892	1,953	1,662	2,185	2,570	2,804	2,683	2,300	1,849	1,889	2,250	26,549	26,422
	2021	2,564	1,930	1,992	1,694	2,225	2,617	2,855	2,728	2,337	1,881	1,923	2,294	27,039	26,929
	2022	2,616	1,968	2,029	1,724	2,262	2,658	2,897	2,770	2,373	1,908	1,951	2,327	27,484	27,396
	2023	2,653	1,995	2,056	1,745	2,289	2,691	2,932	2,802	2,400	1,930	1,972	2,353	27,818	27,750
	2024	2,681	2,017	2,078	1,763	2,313	2,718	2,961	2,830	2,424	1,948	1,991	2,375	28,098	28,038
	2025	2,707	2,036	2,097	1,780	2,334	2,743	2,988	2,856	2,446	1,966	2,009	2,396	28,355	28,299
	2026	2,731	2,054	2,116	1,796	2,355	2,768	3,016	2,882	2,468	1,984	2,027	2,419	28,615	28,555
	2027	2,756	2,073	2,135	1,812	2,376	2,791	3,041	2,906	2,489	2,000	2,044	2,438	28,861	28,809
	2028	2,778	2,089	2,152	1,826	2,394	2,813	3,064	2,928	2,507	2,015	2,058	2,455	29,078	29,032
Projected	2029	2,798	2,104	2,167	1,838	2,410	2,832	3,085	2,947	2,524	2,028	2,072	2,471	29,275	29,233
	2030	2,816	2,117	2,181	1,850	2,426	2,851	3,105	2,967	2,541	2,042	2,086	2,488	29,470	29,425
	2031	2,835	2,132	2,195	1,862	2,442	2,869	3,125	2,985	2,556	2,054	2,098	2,503	29,656	29,617
	2032	2,852	2,144	2,208	1,873	2,455	2,884	3,142	3,001	2,570	2,065	2,109	2,515	29,817	29,783
	2033	2,866	2,155	2,219	1,882	2,467	2,898	3,157	3,016	2,582	2,074	2,119	2,527	29,962	29,930
	2034	2,879	2,164	2,229	1,890	2,478	2,911	3,171	3,029	2,593	2,083	2,128	2,538	30,094	30,066
	2035	2,891	2,173	2,238	1,898	2,488	2,922	3,183	3,040	2,602	2,091	2,136	2,546	30,208	30,185
	2036	2,900	2,180	2,245	1,905	2,497	2,933	3,194	3,051	2,612	2,098	2,143	2,555	30,314	30,289
	2037	2,910	2,188	2,253	1,911	2,505	2,942	3,204	3,060	2,619	2,105	2,150	2,562	30,409	30,390
	2038	2,918	2,194	2,259	1,917	2,513	2,951	3,213	3,069	2,628	2,111	2,156	2,570	30,500	30,479

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.8%	7.8%	6.8%	6.4%	7.8%	10.5%	10.0%	9.7%	8.7%	7.6%	6.7%	9.1%	100.0%
	2010	9.8%	8.5%	6.9%	5.7%	7.7%	9.4%	10.0%	10.2%	9.0%	6.5%	6.4%	9.9%	100.0%
	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%	7.4%	7.1%	8.4%	100.0%
Projected	2019	9.4%	7.1%	7.3%	6.2%	8.2%	9.7%	10.6%	10.1%	8.7%	7.0%	7.1%	8.5%	100.0%
	2020	9.5%	7.1%	7.4%	6.3%	8.2%	9.7%	10.6%	10.1%	8.7%	7.0%	7.1%	8.5%	100.0%
	2021	9.5%	7.1%	7.4%	6.3%	8.2%	9.7%	10.6%	10.1%	8.6%	7.0%	7.1%	8.5%	100.0%
	2022	9.5%	7.2%	7.4%	6.3%	8.2%	9.7%	10.5%	10.1%	8.6%	6.9%	7.1%	8.5%	100.0%
	2023	9.5%	7.2%	7.4%	6.3%	8.2%	9.7%	10.5%	10.1%	8.6%	6.9%	7.1%	8.5%	100.0%
	2024	9.5%	7.2%	7.4%	6.3%	8.2%	9.7%	10.5%	10.1%	8.6%	6.9%	7.1%	8.5%	100.0%
	2025	9.5%	7.2%	7.4%	6.3%	8.2%	9.7%	10.5%	10.1%	8.6%	6.9%	7.1%	8.5%	100.0%
	2026	9.5%	7.2%	7.4%	6.3%	8.2%	9.7%	10.5%	10.1%	8.6%	6.9%	7.1%	8.5%	100.0%
	2027	9.6%	7.2%	7.4%	6.3%	8.2%	9.7%	10.5%	10.1%	8.6%	6.9%	7.1%	8.4%	100.0%
	2028	9.6%	7.2%	7.4%	6.3%	8.2%	9.7%	10.5%	10.1%	8.6%	6.9%	7.1%	8.4%	100.0%
Avg.	2009-2018	9.3%	7.4%	7.0%	6.5%	8.1%	9.7%	10.2%	10.2%	8.9%	7.2%	7.0%	8.4%	100.0%
	2019-2028	9.5%	7.2%	7.4%	6.3%	8.2%	9.7%	10.5%	10.1%	8.6%	6.9%	7.1%	8.5%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - High Economic Case

Havana

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	6.0	6.1	5.1	4.1	4.6	5.9	5.7	5.6	5.1	5.0	3.9	5.2	6.1	5.9
	2010	6.8	6.0	4.9	3.3	4.9	5.9	6.2	5.9	5.8	4.1	4.2	6.2	6.8	6.2
	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	4.3	4.7	5.3	7.0	5.7
Projected	2019	6.4	5.7	4.1	3.8	5.0	6.0	5.8	5.6	5.4	4.5	4.8	5.4	6.4	6.0
	2020	6.5	5.9	4.2	3.9	5.2	6.1	5.9	5.8	5.5	4.6	4.9	5.5	6.5	6.1
	2021	6.7	6.0	4.3	4.0	5.3	6.2	6.0	5.9	5.6	4.7	5.0	5.6	6.7	6.2
	2022	6.8	6.1	4.4	4.0	5.3	6.3	6.1	6.0	5.7	4.8	5.0	5.6	6.8	6.3
	2023	6.9	6.2	4.4	4.1	5.4	6.4	6.2	6.0	5.7	4.8	5.1	5.7	6.9	6.4
	2024	6.9	6.2	4.5	4.1	5.5	6.5	6.3	6.1	5.8	4.9	5.1	5.8	6.9	6.5
	2025	7.0	6.3	4.5	4.2	5.5	6.5	6.3	6.2	5.9	4.9	5.2	5.8	7.0	6.5
	2026	7.1	6.3	4.6	4.2	5.6	6.6	6.4	6.2	5.9	4.9	5.2	5.9	7.1	6.6
	2027	7.1	6.4	4.6	4.2	5.6	6.7	6.5	6.3	6.0	5.0	5.2	5.9	7.1	6.7
	2028	7.2	6.4	4.6	4.3	5.7	6.7	6.5	6.3	6.0	5.0	5.3	5.9	7.2	6.7
Projected	2029	7.2	6.5	4.7	4.3	5.7	6.8	6.5	6.4	6.1	5.1	5.3	6.0	7.2	6.8
	2030	7.3	6.5	4.7	4.3	5.7	6.8	6.6	6.4	6.1	5.1	5.4	6.0	7.3	6.8
	2031	7.3	6.6	4.7	4.4	5.8	6.8	6.6	6.4	6.1	5.1	5.4	6.1	7.3	6.8
	2032	7.4	6.6	4.7	4.4	5.8	6.9	6.7	6.5	6.2	5.2	5.4	6.1	7.4	6.9
	2033	7.4	6.6	4.8	4.4	5.8	6.9	6.7	6.5	6.2	5.2	5.4	6.1	7.4	6.9
	2034	7.4	6.7	4.8	4.4	5.9	7.0	6.7	6.5	6.2	5.2	5.5	6.1	7.4	7.0
	2035	7.5	6.7	4.8	4.4	5.9	7.0	6.8	6.6	6.2	5.2	5.5	6.2	7.5	7.0
	2036	7.5	6.7	4.8	4.5	5.9	7.0	6.8	6.6	6.3	5.2	5.5	6.2	7.5	7.0
	2037	7.5	6.7	4.8	4.5	5.9	7.0	6.8	6.6	6.3	5.3	5.5	6.2	7.5	7.0
	2038	7.5	6.8	4.9	4.5	5.9	7.0	6.8	6.6	6.3	5.3	5.5	6.2	7.5	7.0

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	49.7%	47.8%	45.7%	54.1%	64.4%	60.1%	61.3%	58.9%	60.9%	51.7%	59.3%	61.2%	47.1%	48.7%
	2010	53.4%	58.8%	52.1%	64.4%	64.1%	59.1%	62.0%	64.3%	59.6%	59.4%	56.6%	61.4%	46.4%	51.0%
	2011	54.8%	52.0%	56.9%	55.4%	61.1%	57.9%	62.7%	63.9%	56.8%	65.0%	53.7%	57.5%	45.3%	47.4%
	2012	48.6%	43.9%	63.0%	50.2%	62.0%	53.1%	62.5%	59.4%	58.3%	57.4%	56.3%	56.4%	48.0%	48.6%
	2013	54.0%	52.2%	54.2%	63.4%	62.8%	58.8%	62.0%	63.2%	59.0%	56.0%	48.0%	57.8%	53.4%	50.0%
	2014	55.8%	53.3%	55.8%	60.3%	62.3%	58.3%	61.9%	61.5%	56.5%	54.3%	46.7%	56.1%	45.2%	49.7%
	2015	49.8%	54.3%	54.7%	60.2%	64.3%	56.0%	67.1%	63.2%	58.1%	55.7%	57.4%	50.9%	46.3%	49.7%
	2016	51.6%	50.9%	61.2%	51.6%	61.2%	59.1%	65.5%	65.0%	63.0%	52.8%	59.0%	54.2%	45.9%	50.4%
	2017	42.9%	56.3%	48.7%	56.8%	61.7%	55.7%	63.4%	60.0%	61.0%	58.0%	58.9%	52.4%	44.7%	48.3%
	2018	53.3%	47.8%	50.6%	66.3%	64.1%	58.0%	63.9%	62.5%	63.1%	59.4%	51.9%	56.5%	41.5%	50.7%
Projected	2019	51.4%	47.7%	61.9%	57.1%	62.9%	56.3%	65.7%	62.6%	58.3%	54.3%	51.9%	56.8%	46.3%	49.4%
	2020	51.5%	46.2%	62.2%	57.3%	63.0%	56.3%	65.6%	62.5%	58.2%	54.2%	52.0%	57.0%	46.3%	49.4%
	2021	51.7%	48.0%	62.2%	57.3%	63.0%	56.3%	65.6%	62.4%	58.1%	54.1%	52.1%	57.1%	46.3%	49.4%
	2022	51.9%	48.1%	62.4%	57.4%	63.0%	56.3%	65.5%	62.3%	58.0%	54.0%	52.2%	57.3%	46.3%	49.4%
	2023	52.0%	48.2%	62.4%	57.4%	63.0%	56.3%	65.5%	62.3%	58.0%	53.9%	52.3%	57.3%	46.3%	49.4%
	2024	52.0%	46.6%	62.5%	57.4%	63.0%	56.3%	65.5%	62.3%	58.0%	53.9%	52.3%	57.3%	46.3%	49.4%
	2025	52.0%	48.2%	62.5%	57.4%	63.0%	56.3%	65.5%	62.3%	58.0%	53.9%	52.3%	57.3%	46.3%	49.4%
	2026	52.0%	48.2%	62.5%	57.4%	63.0%	56.3%	65.5%	62.3%	58.0%	53.9%	52.3%	57.3%	46.3%	49.4%
	2027	52.0%	48.3%	62.5%	57.4%	63.0%	56.3%	65.5%	62.3%	58.0%	53.9%	52.3%	57.4%	46.3%	49.4%
	2028	52.1%	46.6%	62.5%	57.4%	63.0%	56.3%	65.5%	62.3%	57.9%	53.9%	52.4%	57.4%	46.3%	49.4%
Avg.	2009-2018	51.4%	51.7%	54.3%	58.3%	62.8%	57.6%	63.2%	62.2%	59.6%	57.0%	54.8%	56.4%	46.4%	49.5%
	2019-2028	51.9%	47.6%	62.4%	57.4%	63.0%	56.3%	65.5%	62.4%	58.0%	54.0%	52.2%	57.2%	46.3%	49.4%

FMPA 2019 Load Forecast - High Economic Case

Havana

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	5.9	6.1	4.7	3.4	4.5	5.9	4.7	5.4	4.9	4.8	2.2	5.0	6.1	5.9
	2010	6.6	5.8	4.9	3.0	4.6	5.1	5.6	4.7	5.6	4.1	2.8	6.2	6.6	5.1
	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	3.8	3.3	4.3	6.9	5.2
Projected	2019	6.1	5.0	3.4	3.4	4.8	5.4	5.2	4.9	4.7	4.0	3.3	4.4	6.1	4.9
	2020	6.3	5.2	3.5	3.5	4.9	5.6	5.3	5.1	4.8	4.1	3.4	4.4	6.3	5.1
	2021	6.4	5.3	3.6	3.5	5.0	5.7	5.4	5.2	4.9	4.2	3.5	4.5	6.4	5.2
	2022	6.5	5.4	3.6	3.6	5.1	5.8	5.5	5.3	5.0	4.2	3.5	4.6	6.5	5.3
	2023	6.6	5.4	3.7	3.6	5.1	5.8	5.6	5.3	5.0	4.3	3.5	4.6	6.6	5.3
	2024	6.6	5.5	3.7	3.7	5.2	5.9	5.6	5.4	5.1	4.3	3.6	4.7	6.6	5.4
	2025	6.7	5.5	3.7	3.7	5.2	6.0	5.7	5.4	5.1	4.4	3.6	4.7	6.7	5.4
	2026	6.8	5.6	3.8	3.7	5.3	6.0	5.7	5.5	5.2	4.4	3.6	4.7	6.8	5.5
	2027	6.8	5.6	3.8	3.8	5.3	6.1	5.8	5.5	5.2	4.5	3.7	4.8	6.8	5.5
	2028	6.9	5.7	3.8	3.8	5.4	6.1	5.8	5.6	5.3	4.5	3.7	4.8	6.9	5.6
Projected	2029	6.9	5.7	3.8	3.8	5.4	6.1	5.9	5.6	5.3	4.5	3.7	4.8	6.9	5.6
	2030	7.0	5.7	3.9	3.8	5.4	6.2	5.9	5.6	5.3	4.5	3.7	4.9	7.0	5.6
	2031	7.0	5.8	3.9	3.9	5.5	6.2	5.9	5.7	5.4	4.6	3.7	4.9	7.0	5.7
	2032	7.0	5.8	3.9	3.9	5.5	6.3	6.0	5.7	5.4	4.6	3.8	4.9	7.0	5.7
	2033	7.1	5.8	3.9	3.9	5.5	6.3	6.0	5.7	5.4	4.6	3.8	4.9	7.1	5.7
	2034	7.1	5.9	4.0	3.9	5.6	6.3	6.0	5.7	5.5	4.6	3.8	5.0	7.1	5.7
	2035	7.1	5.9	4.0	3.9	5.6	6.3	6.0	5.8	5.5	4.7	3.8	5.0	7.1	5.8
	2036	7.2	5.9	4.0	4.0	5.6	6.4	6.1	5.8	5.5	4.7	3.8	5.0	7.2	5.8
	2037	7.2	5.9	4.0	4.0	5.6	6.4	6.1	5.8	5.5	4.7	3.8	5.0	7.2	5.8
	2038	7.2	5.9	4.0	4.0	5.6	6.4	6.1	5.8	5.5	4.7	3.8	5.0	7.2	5.8

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	98.9%	99.0%	92.8%	83.3%	97.2%	99.5%	82.0%	96.4%	97.5%	96.4%	57.1%	95.2%	99.0%	99.5%
	2010	97.6%	97.6%	99.8%	90.2%	94.2%	86.5%	90.1%	78.7%	96.5%	100.0%	66.8%	100.0%	97.6%	82.7%
	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%	89.3%	69.6%	81.0%	99.1%	90.5%
Projected	2019	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2020	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2021	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2022	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2023	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2024	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2025	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2026	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2027	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2028	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2009-2018	95.7%	88.6%	82.6%	88.8%	94.9%	90.9%	89.5%	86.8%	87.7%	87.8%	70.1%	79.8%	87.0%	86.3%
	2019-2028	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%

FMPA 2019 Load Forecast - High Economic Case - Havana

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	13,249		1,122		11,810		10,427		254		41.0		23,676		1,474	5.9%	25,150	
	2010	14,583	10.1%	1,116	-0.6%	13,073	10.7%	11,029	5.8%	254	-0.1%	43.4	5.8%	25,612	8.2%	1,708	6.3%	27,320	8.6%
	2011	13,929	-4.5%	1,105	-0.9%	12,602	-3.6%	11,284	2.3%	262	3.0%	43.2	-0.7%	25,213	-1.6%	1,311	4.9%	26,524	-2.9%
	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%
Projected	2019	14,138	1.7%	1,147	0.7%	12,328	0.9%	10,407	2.0%	324	2.3%	32.1	-0.2%	24,546	1.8%	1,317	5.1%	25,862	1.8%
	2020	14,433	2.1%	1,156	0.8%	12,487	1.3%	10,623	2.1%	331	2.3%	32.1	-0.3%	25,056	2.1%	1,366	5.2%	26,422	2.2%
	2021	14,764	2.3%	1,163	0.6%	12,692	1.6%	10,773	1.4%	335	1.2%	32.1	0.3%	25,537	1.9%	1,392	5.2%	26,929	1.9%
	2022	15,079	2.1%	1,170	0.6%	12,890	1.6%	10,901	1.2%	338	0.9%	32.2	0.3%	25,980	1.7%	1,416	5.2%	27,396	1.7%
	2023	15,299	1.5%	1,176	0.5%	13,012	0.9%	11,017	1.1%	341	0.9%	32.3	0.2%	26,316	1.3%	1,434	5.2%	27,750	1.3%
	2024	15,464	1.1%	1,181	0.5%	13,090	0.6%	11,125	1.0%	344	0.8%	32.3	0.2%	26,589	1.0%	1,449	5.2%	28,038	1.0%
	2025	15,610	0.9%	1,186	0.4%	13,157	0.5%	11,227	0.9%	347	0.8%	32.4	0.2%	26,837	0.9%	1,462	5.2%	28,299	0.9%
	2026	15,754	0.9%	1,191	0.4%	13,224	0.5%	11,326	0.9%	349	0.7%	32.4	0.2%	27,080	0.9%	1,475	5.2%	28,555	0.9%
	2027	15,903	0.9%	1,196	0.4%	13,299	0.6%	11,418	0.8%	351	0.7%	32.5	0.1%	27,321	0.9%	1,488	5.2%	28,809	0.9%
	2028	16,027	0.8%	1,200	0.4%	13,355	0.4%	11,505	0.8%	354	0.6%	32.5	0.1%	27,532	0.8%	1,500	5.2%	29,032	0.8%
	2029	16,136	0.7%	1,204	0.3%	13,403	0.4%	11,586	0.7%	356	0.6%	32.6	0.1%	27,722	0.7%	1,510	5.2%	29,233	0.7%
	2030	16,243	0.7%	1,207	0.3%	13,452	0.4%	11,662	0.7%	358	0.6%	32.6	0.1%	27,905	0.7%	1,520	5.2%	29,425	0.7%
	2031	16,355	0.7%	1,211	0.3%	13,507	0.4%	11,732	0.6%	360	0.5%	32.6	0.1%	28,087	0.7%	1,530	5.2%	29,617	0.7%
	2032	16,449	0.6%	1,214	0.3%	13,549	0.3%	11,795	0.5%	361	0.5%	32.6	0.1%	28,244	0.6%	1,539	5.2%	29,783	0.6%
	2033	16,529	0.5%	1,217	0.2%	13,583	0.3%	11,855	0.5%	363	0.5%	32.6	0.0%	28,384	0.5%	1,546	5.2%	29,930	0.5%
	2034	16,602	0.4%	1,220	0.2%	13,612	0.2%	11,911	0.5%	365	0.4%	32.7	0.0%	28,513	0.5%	1,553	5.2%	30,066	0.5%
	2035	16,659	0.3%	1,222	0.2%	13,631	0.1%	11,966	0.5%	366	0.4%	32.7	0.0%	28,625	0.4%	1,559	5.2%	30,185	0.4%
	2036	16,701	0.3%	1,224	0.2%	13,640	0.1%	12,023	0.5%	368	0.4%	32.7	0.0%	28,724	0.3%	1,565	5.2%	30,289	0.3%
	2037	16,745	0.3%	1,227	0.2%	13,649	0.1%	12,076	0.4%	369	0.4%	32.7	0.0%	28,820	0.3%	1,570	5.2%	30,390	0.3%
	2038	16,784	0.2%	1,230	0.2%	13,651	0.0%	12,120	0.4%	371	0.4%	32.7	0.0%	28,904	0.3%	1,574	5.2%	30,479	0.3%
CAGR	2009-2018		0.5%		0.2%		0.4%		-0.2%		2.5%		-2.7%		0.2%		5.4%		0.1%
	2019-2028		1.4%		0.5%		0.9%		1.1%		1.0%		0.1%		1.3%		5.2%		1.3%
	2029-2038		0.4%		0.2%		0.2%		0.5%		0.5%		0.0%		0.5%		5.2%		0.5%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - Mild Weather Case

Havana

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

	Year	Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		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	2009	25,150	-	25,022	-	-0.5%	6.1	-	5.8	-	-4.8%	5.9	-	6.0		2.0%
	2010	27,320	8.6%	25,329	1.2%	-7.3%	6.6	9.4%	5.8	-0.3%	-13.2%	5.1	-13.2%	4.6	-24.4%	-11.1%
	2011	26,524	-2.9%	25,061	-1.1%	-5.5%	6.2	-6.2%	6.8	18.6%	9.9%	6.0	16.2%	5.1	12.4%	-14.0%
	2012	23,930	-9.8%	24,505	-2.2%	2.4%	5.5	-11.1%	5.2	-23.3%	-5.3%	4.9	-18.6%	4.7	-8.5%	-3.4%
	2013	24,585	2.7%	25,089	2.4%	2.0%	5.1	-8.7%	6.3	19.3%	23.7%	4.7	-3.8%	4.9	5.3%	5.7%
	2014	25,176	2.4%	24,956	-0.5%	-0.9%	5.4	6.6%	6.4	2.9%	19.4%	4.8	3.1%	5.3	7.5%	10.2%
	2015	25,771	2.4%	24,755	-0.8%	-3.9%	6.0	11.5%	7.2	12.4%	20.5%	4.6	-3.7%	6.8	28.3%	46.7%
	2016	24,925	-3.3%	24,638	-0.5%	-1.2%	3.1	-47.7%	6.4	-12.0%	102.7%	5.5	18.4%	5.2	-23.5%	-5.3%
	2017	23,634	-5.2%	24,555	-0.3%	3.9%	3.3	5.4%	6.3	-1.6%	89.4%	3.7	-32.4%	4.4	-15.1%	19.0%
	2018	25,402	7.5%	25,202	2.6%	-0.8%	6.9	108.6%	6.7	7.4%	-2.5%	5.2	39.3%	5.2	18.3%	1.1%
Projected	2019	24,055	-5.3%	24,055	-4.6%		5.7	-18.2%	5.7	-16.1%		4.6	-11.5%	4.6	-12.4%	
	2020			24,118	0.3%				5.7	1.0%				4.6	1.0%	
	2021			24,243	0.5%				5.7	0.4%				4.6	0.4%	
	2022			24,334	0.4%				5.8	0.3%				4.7	0.3%	
	2023			24,396	0.3%				5.8	0.2%				4.7	0.2%	
	2024			24,448	0.2%				5.8	0.2%				4.7	0.2%	
	2025			24,501	0.2%				5.8	0.2%				4.7	0.2%	
	2026			24,563	0.3%				5.8	0.3%				4.7	0.3%	
	2027			24,635	0.3%				5.8	0.3%				4.7	0.3%	
	2028			24,687	0.2%				5.8	0.2%				4.7	0.2%	
	2029			24,729	0.2%				5.8	0.2%				4.7	0.2%	
	2030			24,773	0.2%				5.9	0.2%				4.7	0.2%	
	2031			24,821	0.2%				5.9	0.2%				4.7	0.2%	
	2032			24,847	0.1%				5.9	0.1%				4.8	0.1%	
	2033			24,864	0.1%				5.9	0.1%				4.8	0.1%	
	2034			24,877	0.1%				5.9	0.0%				4.8	0.0%	
	2035			24,879	0.0%				5.9	0.0%				4.8	0.0%	
	2036			24,874	0.0%				5.9	0.0%				4.8	0.0%	
	2037			24,868	0.0%				5.9	0.0%				4.8	0.0%	
	2038			24,854	-0.1%				5.9	-0.1%				4.8	-0.1%	
CAGR [3]	2009-2018		0.1%		0.1%			1.4%		1.7%			-1.5%		-1.6%	
	2019-2028				0.3%					0.4%					0.4%	
	2029-2038				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 2019 Load Forecast - Mild Weather Case

Havana

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	25,150	-	25,022	-	-0.5%	6.1	-	46.8%	5.9	-	48.3%
	2010	27,320	8.6%	25,329	1.2%	-7.3%	6.8	10.9%	45.8%	6.2	4.3%	50.3%
	2011	26,524	-2.9%	25,061	-1.1%	-5.5%	6.4	-5.5%	47.0%	6.2	-0.6%	49.2%
	2012	23,930	-9.8%	24,505	-2.2%	2.4%	5.8	-10.5%	47.4%	5.7	-7.6%	48.0%
	2013	24,585	2.7%	25,089	2.4%	2.0%	5.3	-8.9%	53.5%	5.6	-1.6%	50.1%
	2014	25,176	2.4%	24,956	-0.5%	-0.9%	6.4	22.1%	44.8%	5.8	4.1%	49.3%
	2015	25,771	2.4%	24,755	-0.8%	-3.9%	6.2	-2.9%	47.2%	5.8	-0.5%	50.7%
	2016	24,925	-3.3%	24,638	-0.5%	-1.2%	6.2	-0.2%	45.8%	5.7	-2.5%	50.3%
	2017	23,634	-5.2%	24,555	-0.3%	3.9%	6.2	-0.9%	43.8%	5.7	0.8%	47.3%
	2018	25,402	7.5%	25,202	2.6%	-0.8%	7.0	13.2%	41.6%	5.7	0.1%	50.8%
Projected	2019	24,055	-5.3%	24,055	-4.6%		5.9	-15.3%	46.5%	5.5	-3.2%	49.7%
	2020	24,118	0.3%	24,118	0.3%		6.0	1.0%	46.2%	5.6	1.0%	49.3%
	2021	24,243	0.5%	24,243	0.5%		6.0	0.4%	46.2%	5.6	0.4%	49.3%
	2022	24,334	0.4%	24,334	0.4%		6.0	0.3%	46.2%	5.6	0.3%	49.4%
	2023	24,396	0.3%	24,396	0.3%		6.0	0.2%	46.2%	5.6	0.2%	49.4%
	2024	24,448	0.2%	24,448	0.2%		6.0	0.2%	46.2%	5.7	0.2%	49.4%
	2025	24,501	0.2%	24,501	0.2%		6.0	0.2%	46.2%	5.7	0.2%	49.4%
	2026	24,563	0.3%	24,563	0.3%		6.1	0.3%	46.2%	5.7	0.3%	49.4%
	2027	24,635	0.3%	24,635	0.3%		6.1	0.3%	46.2%	5.7	0.3%	49.4%
	2028	24,687	0.2%	24,687	0.2%		6.1	0.2%	46.2%	5.7	0.2%	49.4%
	2029	24,729	0.2%	24,729	0.2%		6.1	0.2%	46.2%	5.7	0.2%	49.4%
	2030	24,773	0.2%	24,773	0.2%		6.1	0.2%	46.2%	5.7	0.2%	49.4%
	2031	24,821	0.2%	24,821	0.2%		6.1	0.2%	46.2%	5.7	0.2%	49.4%
	2032	24,847	0.1%	24,847	0.1%		6.1	0.1%	46.3%	5.7	0.1%	49.4%
	2033	24,864	0.1%	24,864	0.1%		6.1	0.1%	46.3%	5.7	0.1%	49.4%
	2034	24,877	0.1%	24,877	0.1%		6.1	0.0%	46.3%	5.7	0.0%	49.4%
	2035	24,879	0.0%	24,879	0.0%		6.1	0.0%	46.3%	5.7	0.0%	49.4%
	2036	24,874	0.0%	24,874	0.0%		6.1	0.0%	46.3%	5.7	0.0%	49.4%
	2037	24,868	0.0%	24,868	0.0%		6.1	0.0%	46.3%	5.7	0.0%	49.4%
	2038	24,854	-0.1%	24,854	-0.1%		6.1	-0.1%	46.3%	5.7	-0.1%	49.4%
CAGR [1]	2009-2018		0.1%		0.1%			1.4%	46.4%		-0.4%	49.4%
	2019-2028		0.3%		0.3%			0.4%	46.3%		0.4%	49.4%
	2029-2038		0.1%		0.1%			0.1%	46.3%		0.1%	49.4%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Mild Weather Case

Havana

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	2,221	1,972	1,731	1,630	1,990	2,655	2,533	2,454	2,217	1,935	1,708	2,301	25,345	25,150
	2010	2,705	2,349	1,913	1,581	2,120	2,608	2,765	2,832	2,504	1,799	1,759	2,753	27,688	27,320
	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	1,889	1,802	2,031	25,264	25,402
Projected	2019	2,039	1,531	1,713	1,605	2,108	2,399	2,503	2,379	2,057	1,720	1,817	2,058	23,929	24,055
	2020	2,060	1,548	1,735	1,623	2,131	2,424	2,526	2,401	2,075	1,733	1,830	2,073	24,160	24,118
	2021	2,074	1,557	1,744	1,632	2,141	2,435	2,536	2,407	2,080	1,739	1,838	2,084	24,268	24,243
	2022	2,085	1,565	1,753	1,639	2,149	2,442	2,541	2,413	2,086	1,744	1,844	2,089	24,350	24,334
	2023	2,090	1,569	1,757	1,643	2,155	2,448	2,547	2,419	2,090	1,749	1,848	2,094	24,408	24,396
	2024	2,095	1,572	1,761	1,647	2,160	2,453	2,552	2,424	2,095	1,753	1,852	2,098	24,460	24,448
	2025	2,099	1,576	1,765	1,650	2,165	2,458	2,558	2,429	2,099	1,757	1,856	2,102	24,513	24,501
	2026	2,103	1,579	1,769	1,654	2,171	2,465	2,565	2,436	2,106	1,762	1,862	2,109	24,581	24,563
	2027	2,110	1,584	1,774	1,659	2,177	2,472	2,572	2,442	2,111	1,766	1,867	2,113	24,648	24,635
	2028	2,114	1,587	1,778	1,663	2,182	2,477	2,577	2,447	2,115	1,770	1,870	2,117	24,697	24,687
Projected	2029	2,118	1,590	1,781	1,666	2,186	2,481	2,581	2,450	2,118	1,773	1,873	2,120	24,738	24,729
	2030	2,121	1,592	1,784	1,669	2,190	2,486	2,586	2,455	2,123	1,777	1,877	2,125	24,786	24,773
	2031	2,126	1,596	1,787	1,672	2,195	2,490	2,590	2,459	2,126	1,779	1,880	2,127	24,828	24,821
	2032	2,128	1,597	1,789	1,674	2,197	2,493	2,593	2,461	2,128	1,781	1,882	2,129	24,852	24,847
	2033	2,129	1,598	1,791	1,675	2,199	2,494	2,594	2,463	2,129	1,782	1,883	2,130	24,867	24,864
	2034	2,131	1,599	1,791	1,676	2,200	2,496	2,595	2,464	2,130	1,783	1,884	2,130	24,879	24,877
	2035	2,131	1,599	1,792	1,676	2,200	2,496	2,595	2,463	2,129	1,783	1,883	2,130	24,878	24,879
	2036	2,130	1,599	1,791	1,676	2,200	2,495	2,595	2,463	2,129	1,783	1,883	2,129	24,874	24,874
	2037	2,130	1,598	1,791	1,676	2,200	2,494	2,594	2,462	2,128	1,782	1,882	2,128	24,864	24,868
	2038	2,128	1,597	1,790	1,675	2,199	2,493	2,592	2,460	2,127	1,782	1,882	2,127	24,852	24,854

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.8%	7.8%	6.8%	6.4%	7.8%	10.5%	10.0%	9.7%	8.7%	7.6%	6.7%	9.1%	100.0%
	2010	9.8%	8.5%	6.9%	5.7%	7.7%	9.4%	10.0%	10.2%	9.0%	6.5%	6.4%	9.9%	100.0%
	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%	8.2%	9.8%	10.0%	9.6%	9.6%	7.5%	7.1%	8.0%	100.0%
Projected	2019	8.5%	6.4%	7.2%	6.7%	8.8%	10.0%	10.5%	9.9%	8.6%	7.2%	7.6%	8.6%	100.0%
	2020	8.5%	6.4%	7.2%	6.7%	8.8%	10.0%	10.5%	9.9%	8.6%	7.2%	7.6%	8.6%	100.0%
	2021	8.5%	6.4%	7.2%	6.7%	8.8%	10.0%	10.5%	9.9%	8.6%	7.2%	7.6%	8.6%	100.0%
	2022	8.6%	6.4%	7.2%	6.7%	8.8%	10.0%	10.4%	9.9%	8.6%	7.2%	7.6%	8.6%	100.0%
	2023	8.6%	6.4%	7.2%	6.7%	8.8%	10.0%	10.4%	9.9%	8.6%	7.2%	7.6%	8.6%	100.0%
	2024	8.6%	6.4%	7.2%	6.7%	8.8%	10.0%	10.4%	9.9%	8.6%	7.2%	7.6%	8.6%	100.0%
	2025	8.6%	6.4%	7.2%	6.7%	8.8%	10.0%	10.4%	9.9%	8.6%	7.2%	7.6%	8.6%	100.0%
	2026	8.6%	6.4%	7.2%	6.7%	8.8%	10.0%	10.4%	9.9%	8.6%	7.2%	7.6%	8.6%	100.0%
	2027	8.6%	6.4%	7.2%	6.7%	8.8%	10.0%	10.4%	9.9%	8.6%	7.2%	7.6%	8.6%	100.0%
	2028	8.6%	6.4%	7.2%	6.7%	8.8%	10.0%	10.4%	9.9%	8.6%	7.2%	7.6%	8.6%	100.0%
Avg.	2009-2018	9.3%	7.4%	7.0%	6.5%	8.1%	9.7%	10.2%	10.2%	8.9%	7.2%	7.0%	8.4%	100.0%
	2019-2028	8.6%	6.4%	7.2%	6.7%	8.8%	10.0%	10.4%	9.9%	8.6%	7.2%	7.6%	8.6%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Mild Weather Case

Havana

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	6.0	6.1	5.1	4.1	4.6	5.9	5.7	5.6	5.1	5.0	3.9	5.2	6.1	5.9
	2010	6.8	6.0	4.9	3.3	4.9	5.9	6.2	5.9	5.8	4.1	4.2	6.2	6.8	6.2
	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	4.3	4.3	4.9	7.0	5.7
Projected	2019	5.9	5.3	3.8	3.5	4.7	5.5	5.4	5.2	4.9	4.1	4.4	4.9	5.9	5.5
	2020	6.0	5.4	3.8	3.6	4.7	5.6	5.4	5.3	5.0	4.2	4.4	4.9	6.0	5.6
	2021	6.0	5.4	3.9	3.6	4.7	5.6	5.4	5.3	5.0	4.2	4.4	4.9	6.0	5.6
	2022	6.0	5.4	3.9	3.6	4.7	5.6	5.4	5.3	5.0	4.2	4.4	5.0	6.0	5.6
	2023	6.0	5.4	3.9	3.6	4.7	5.6	5.5	5.3	5.0	4.2	4.4	5.0	6.0	5.6
	2024	6.0	5.4	3.9	3.6	4.8	5.7	5.5	5.3	5.1	4.2	4.4	5.0	6.0	5.7
	2025	6.0	5.4	3.9	3.6	4.8	5.7	5.5	5.3	5.1	4.2	4.4	5.0	6.0	5.7
	2026	6.1	5.4	3.9	3.6	4.8	5.7	5.5	5.3	5.1	4.3	4.5	5.0	6.1	5.7
	2027	6.1	5.5	3.9	3.6	4.8	5.7	5.5	5.4	5.1	4.3	4.5	5.0	6.1	5.7
	2028	6.1	5.5	3.9	3.6	4.8	5.7	5.5	5.4	5.1	4.3	4.5	5.0	6.1	5.7
Projected	2029	6.1	5.5	3.9	3.6	4.8	5.7	5.5	5.4	5.1	4.3	4.5	5.0	6.1	5.7
	2030	6.1	5.5	3.9	3.6	4.8	5.7	5.5	5.4	5.1	4.3	4.5	5.0	6.1	5.7
	2031	6.1	5.5	4.0	3.6	4.8	5.7	5.6	5.4	5.1	4.3	4.5	5.0	6.1	5.7
	2032	6.1	5.5	4.0	3.7	4.8	5.7	5.6	5.4	5.1	4.3	4.5	5.0	6.1	5.7
	2033	6.1	5.5	4.0	3.7	4.8	5.7	5.6	5.4	5.1	4.3	4.5	5.1	6.1	5.7
	2034	6.1	5.5	4.0	3.7	4.8	5.7	5.6	5.4	5.1	4.3	4.5	5.1	6.1	5.7
	2035	6.1	5.5	4.0	3.7	4.8	5.7	5.6	5.4	5.1	4.3	4.5	5.1	6.1	5.7
	2036	6.1	5.5	4.0	3.7	4.8	5.7	5.6	5.4	5.1	4.3	4.5	5.0	6.1	5.7
	2037	6.1	5.5	4.0	3.7	4.8	5.7	5.6	5.4	5.1	4.3	4.5	5.0	6.1	5.7
	2038	6.1	5.5	4.0	3.7	4.8	5.7	5.6	5.4	5.1	4.3	4.5	5.0	6.1	5.7

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	49.7%	47.8%	45.7%	54.1%	64.4%	60.1%	61.3%	58.9%	60.9%	51.7%	59.3%	61.2%	47.1%	48.7%
	2010	53.4%	58.8%	52.1%	64.4%	64.1%	59.1%	62.0%	64.3%	59.6%	59.4%	56.6%	61.4%	46.4%	51.0%
	2011	54.8%	52.0%	56.9%	55.4%	61.1%	57.9%	62.7%	63.9%	56.8%	65.0%	53.7%	57.5%	45.3%	47.4%
	2012	48.6%	43.9%	63.0%	50.2%	62.0%	53.1%	62.5%	59.4%	58.3%	57.4%	56.3%	56.4%	48.0%	48.6%
	2013	54.0%	52.2%	54.2%	63.4%	62.8%	58.8%	62.0%	63.2%	59.0%	56.0%	48.0%	57.8%	53.4%	50.0%
	2014	55.8%	53.3%	55.8%	60.3%	62.3%	58.3%	61.9%	61.5%	56.5%	54.3%	46.7%	56.1%	45.2%	49.7%
	2015	49.8%	54.3%	54.7%	60.2%	64.3%	56.0%	67.1%	63.2%	58.1%	55.7%	57.4%	50.9%	46.3%	49.7%
	2016	51.6%	50.9%	61.2%	51.6%	61.2%	59.1%	65.5%	65.0%	63.0%	52.8%	59.0%	54.2%	45.9%	50.4%
	2017	42.9%	56.3%	48.7%	56.8%	61.7%	55.7%	63.4%	60.0%	61.0%	58.0%	58.9%	52.4%	44.7%	48.3%
	2018	53.3%	47.8%	50.6%	66.3%	64.1%	58.0%	63.9%	62.5%	63.1%	59.4%	56.0%	58.0%	41.4%	50.5%
Projected	2019	46.4%	43.0%	60.5%	61.3%	67.4%	58.3%	65.0%	61.5%	57.7%	55.9%	56.0%	58.3%	46.3%	49.4%
	2020	46.5%	41.6%	60.6%	61.4%	67.5%	58.4%	64.9%	61.4%	57.7%	55.8%	56.1%	58.4%	46.3%	49.4%
	2021	46.5%	43.1%	60.7%	61.5%	67.5%	58.4%	64.9%	61.3%	57.6%	55.7%	56.2%	58.5%	46.3%	49.4%
	2022	46.6%	43.2%	60.8%	61.5%	67.5%	58.3%	64.8%	61.3%	57.5%	55.7%	56.2%	58.6%	46.3%	49.4%
	2023	46.6%	43.2%	60.8%	61.6%	67.5%	58.3%	64.8%	61.3%	57.5%	55.7%	56.2%	58.5%	46.3%	49.4%
	2024	46.6%	41.7%	60.8%	61.6%	67.6%	58.3%	64.8%	61.3%	57.5%	55.7%	56.2%	58.5%	46.3%	49.4%
	2025	46.6%	43.2%	60.8%	61.6%	67.6%	58.3%	64.8%	61.3%	57.5%	55.7%	56.2%	58.5%	46.3%	49.4%
	2026	46.6%	43.1%	60.8%	61.5%	67.6%	58.3%	64.8%	61.3%	57.5%	55.7%	56.2%	58.5%	46.3%	49.4%
	2027	46.6%	43.2%	60.8%	61.6%	67.6%	58.3%	64.8%	61.3%	57.5%	55.7%	56.3%	58.5%	46.3%	49.4%
	2028	46.6%	41.7%	60.8%	61.6%	67.6%	58.3%	64.8%	61.3%	57.5%	55.7%	56.3%	58.5%	46.3%	49.4%
Avg.	2009-2018	51.4%	51.7%	54.3%	58.3%	62.8%	57.6%	63.2%	62.2%	59.6%	57.0%	55.2%	56.6%	46.4%	49.4%
	2019-2028	46.6%	42.7%	60.7%	61.5%	67.5%	58.3%	64.9%	61.3%	57.6%	55.7%	56.2%	58.5%	46.3%	49.4%

FMPA 2019 Load Forecast - Mild Weather Case

Havana

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	5.9	6.1	4.7	3.4	4.5	5.9	4.7	5.4	4.9	4.8	2.2	5.0	6.1	5.9
	2010	6.6	5.8	4.9	3.0	4.6	5.1	5.6	4.7	5.6	4.1	2.8	6.2	6.6	5.1
	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	3.8	3.0	3.9	6.9	5.2
Projected	2019	5.7	4.7	3.1	3.1	4.4	5.0	4.8	4.6	4.3	3.7	3.0	4.0	5.7	4.6
	2020	5.7	4.7	3.2	3.2	4.5	5.1	4.8	4.6	4.4	3.7	3.0	4.0	5.7	4.6
	2021	5.7	4.7	3.2	3.2	4.5	5.1	4.9	4.6	4.4	3.7	3.1	4.0	5.7	4.6
	2022	5.8	4.7	3.2	3.2	4.5	5.1	4.9	4.7	4.4	3.8	3.1	4.0	5.8	4.7
	2023	5.8	4.8	3.2	3.2	4.5	5.1	4.9	4.7	4.4	3.8	3.1	4.0	5.8	4.7
	2024	5.8	4.8	3.2	3.2	4.5	5.1	4.9	4.7	4.4	3.8	3.1	4.0	5.8	4.7
	2025	5.8	4.8	3.2	3.2	4.5	5.2	4.9	4.7	4.4	3.8	3.1	4.0	5.8	4.7
	2026	5.8	4.8	3.2	3.2	4.5	5.2	4.9	4.7	4.5	3.8	3.1	4.1	5.8	4.7
	2027	5.8	4.8	3.2	3.2	4.5	5.2	4.9	4.7	4.5	3.8	3.1	4.1	5.8	4.7
	2028	5.8	4.8	3.2	3.2	4.6	5.2	4.9	4.7	4.5	3.8	3.1	4.1	5.8	4.7
Projected	2029	5.8	4.8	3.3	3.2	4.6	5.2	5.0	4.7	4.5	3.8	3.1	4.1	5.8	4.7
	2030	5.9	4.8	3.3	3.2	4.6	5.2	5.0	4.7	4.5	3.8	3.1	4.1	5.9	4.7
	2031	5.9	4.8	3.3	3.2	4.6	5.2	5.0	4.7	4.5	3.8	3.1	4.1	5.9	4.7
	2032	5.9	4.8	3.3	3.2	4.6	5.2	5.0	4.8	4.5	3.8	3.1	4.1	5.9	4.8
	2033	5.9	4.8	3.3	3.2	4.6	5.2	5.0	4.8	4.5	3.8	3.1	4.1	5.9	4.8
	2034	5.9	4.8	3.3	3.2	4.6	5.2	5.0	4.8	4.5	3.8	3.1	4.1	5.9	4.8
	2035	5.9	4.8	3.3	3.2	4.6	5.2	5.0	4.8	4.5	3.8	3.1	4.1	5.9	4.8
	2036	5.9	4.8	3.3	3.2	4.6	5.2	5.0	4.8	4.5	3.8	3.1	4.1	5.9	4.8
	2037	5.9	4.8	3.3	3.2	4.6	5.2	5.0	4.8	4.5	3.8	3.1	4.1	5.9	4.8
	2038	5.9	4.8	3.3	3.2	4.6	5.2	5.0	4.8	4.5	3.8	3.1	4.1	5.9	4.8

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	98.9%	99.0%	92.8%	83.3%	97.2%	99.5%	82.0%	96.4%	97.5%	96.4%	57.1%	95.2%	99.0%	99.5%
	2010	97.6%	97.6%	99.8%	90.2%	94.2%	86.5%	90.1%	78.7%	96.5%	100.0%	66.8%	100.0%	97.6%	82.7%
	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%	89.3%	69.6%	81.0%	99.1%	90.5%
Projected	2019	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2020	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2021	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2022	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2023	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2024	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2025	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2026	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2027	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2028	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2009-2018	95.7%	88.6%	82.6%	88.8%	94.9%	90.9%	89.5%	86.8%	87.7%	87.8%	70.1%	79.8%	87.0%	86.3%
	2019-2028	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%

FMPA 2019 Load Forecast - Mild Weather Case - Havana

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	13,249		1,122		11,810		10,427		254		41.0		23,676		1,474	5.9%	25,150	
	2010	14,583	10.1%	1,116	-0.6%	13,073	10.7%	11,029	5.8%	254	-0.1%	43.4	5.8%	25,612	8.2%	1,708	6.3%	27,320	8.6%
	2011	13,929	-4.5%	1,105	-0.9%	12,602	-3.6%	11,284	2.3%	262	3.0%	43.2	-0.7%	25,213	-1.6%	1,311	4.9%	26,524	-2.9%
	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%
Projected	2019	12,700	-8.7%	1,140	0.1%	11,144	-8.8%	10,102	-1.0%	322	1.8%	31.3	-2.7%	22,802	-5.4%	1,253	5.2%	24,055	-5.3%
	2020	12,715	0.1%	1,139	0.0%	11,161	0.2%	10,117	0.1%	326	1.1%	31.0	-1.0%	22,832	0.1%	1,286	5.3%	24,118	0.3%
	2021	12,778	0.5%	1,140	0.1%	11,207	0.4%	10,173	0.6%	328	0.5%	31.0	0.0%	22,950	0.5%	1,293	5.3%	24,243	0.5%
	2022	12,809	0.2%	1,141	0.1%	11,225	0.2%	10,228	0.5%	329	0.5%	31.1	0.1%	23,037	0.4%	1,297	5.3%	24,334	0.4%
	2023	12,814	0.0%	1,142	0.1%	11,221	0.0%	10,281	0.5%	331	0.5%	31.1	0.0%	23,095	0.3%	1,301	5.3%	24,396	0.3%
	2024	12,812	0.0%	1,143	0.1%	11,209	-0.1%	10,332	0.5%	332	0.5%	31.1	0.0%	23,144	0.2%	1,303	5.3%	24,448	0.2%
	2025	12,813	0.0%	1,144	0.1%	11,200	-0.1%	10,382	0.5%	334	0.4%	31.1	0.0%	23,195	0.2%	1,306	5.3%	24,501	0.2%
	2026	12,822	0.1%	1,145	0.1%	11,199	0.0%	10,431	0.5%	335	0.4%	31.1	0.0%	23,253	0.3%	1,310	5.3%	24,563	0.3%
	2027	12,844	0.2%	1,146	0.1%	11,209	0.1%	10,478	0.4%	337	0.4%	31.1	0.0%	23,321	0.3%	1,314	5.3%	24,635	0.3%
	2028	12,850	0.0%	1,146	0.1%	11,208	0.0%	10,520	0.4%	338	0.4%	31.1	0.0%	23,370	0.2%	1,316	5.3%	24,687	0.2%
	2029	12,849	0.0%	1,147	0.0%	11,204	0.0%	10,561	0.4%	339	0.4%	31.1	0.0%	23,410	0.2%	1,318	5.3%	24,729	0.2%
	2030	12,853	0.0%	1,147	0.0%	11,204	0.0%	10,600	0.4%	340	0.4%	31.1	0.0%	23,453	0.2%	1,321	5.3%	24,773	0.2%
	2031	12,864	0.1%	1,147	0.0%	11,211	0.1%	10,633	0.3%	342	0.3%	31.1	0.0%	23,497	0.2%	1,323	5.3%	24,821	0.2%
	2032	12,863	0.0%	1,148	0.0%	11,209	0.0%	10,660	0.2%	342	0.3%	31.1	0.0%	23,522	0.1%	1,325	5.3%	24,847	0.1%
	2033	12,853	-0.1%	1,147	0.0%	11,203	-0.1%	10,685	0.2%	343	0.3%	31.1	0.0%	23,538	0.1%	1,326	5.3%	24,864	0.1%
	2034	12,841	-0.1%	1,147	0.0%	11,193	-0.1%	10,710	0.2%	344	0.3%	31.1	0.0%	23,550	0.1%	1,326	5.3%	24,877	0.1%
	2035	12,820	-0.2%	1,147	0.0%	11,177	-0.1%	10,733	0.2%	345	0.3%	31.1	0.0%	23,553	0.0%	1,326	5.3%	24,879	0.0%
	2036	12,791	-0.2%	1,147	0.0%	11,155	-0.2%	10,757	0.2%	346	0.3%	31.1	0.0%	23,548	0.0%	1,326	5.3%	24,874	0.0%
	2037	12,762	-0.2%	1,146	0.0%	11,133	-0.2%	10,780	0.2%	347	0.3%	31.1	0.0%	23,542	0.0%	1,326	5.3%	24,868	0.0%
	2038	12,732	-0.2%	1,146	0.0%	11,107	-0.2%	10,797	0.2%	348	0.2%	31.0	-0.1%	23,529	-0.1%	1,325	5.3%	24,854	-0.1%
CAGR	2009-2018		0.5%		0.2%		0.4%		-0.2%		2.5%		-2.7%		0.2%		5.4%		0.1%
	2019-2028		0.1%		0.1%		0.1%		0.5%		0.5%		-0.1%		0.3%		5.3%		0.3%
	2029-2038		-0.1%		0.0%		-0.1%		0.2%		0.3%		0.0%		0.1%		5.3%		0.1%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - Severe Weather Case

Havana

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

	Year	Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		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	2009	25,150	-	25,022	-	-0.5%	6.1	-	5.8	-	-4.8%	5.9	-	6.0		2.0%
	2010	27,320	8.6%	25,329	1.2%	-7.3%	6.6	9.4%	5.8	-0.3%	-13.2%	5.1	-13.2%	4.6	-24.4%	-11.1%
	2011	26,524	-2.9%	25,061	-1.1%	-5.5%	6.2	-6.2%	6.8	18.6%	9.9%	6.0	16.2%	5.1	12.4%	-14.0%
	2012	23,930	-9.8%	24,505	-2.2%	2.4%	5.5	-11.1%	5.2	-23.3%	-5.3%	4.9	-18.6%	4.7	-8.5%	-3.4%
	2013	24,585	2.7%	25,089	2.4%	2.0%	5.1	-8.7%	6.3	19.3%	23.7%	4.7	-3.8%	4.9	5.3%	5.7%
	2014	25,176	2.4%	24,956	-0.5%	-0.9%	5.4	6.6%	6.4	2.9%	19.4%	4.8	3.1%	5.3	7.5%	10.2%
	2015	25,771	2.4%	24,755	-0.8%	-3.9%	6.0	11.5%	7.2	12.4%	20.5%	4.6	-3.7%	6.8	28.3%	46.7%
	2016	24,925	-3.3%	24,638	-0.5%	-1.2%	3.1	-47.7%	6.4	-12.0%	102.7%	5.5	18.4%	5.2	-23.5%	-5.3%
	2017	23,634	-5.2%	24,555	-0.3%	3.9%	3.3	5.4%	6.3	-1.6%	89.4%	3.7	-32.4%	4.4	-15.1%	19.0%
	2018	25,402	7.5%	25,202	2.6%	-0.8%	6.9	108.6%	6.7	7.4%	-2.5%	5.2	39.3%	5.2	18.3%	1.1%
Projected	2019	27,574	8.6%	27,574	9.4%		6.5	-5.8%	6.5	-3.4%		5.3	1.9%	5.3	0.8%	
	2020			27,797	0.8%				6.6	1.0%				5.3	1.0%	
	2021			27,941	0.5%				6.6	0.5%				5.3	0.5%	
	2022			28,045	0.4%				6.6	0.3%				5.4	0.3%	
	2023			28,111	0.2%				6.6	0.2%				5.4	0.2%	
	2024			28,166	0.2%				6.7	0.2%				5.4	0.2%	
	2025			28,221	0.2%				6.7	0.2%				5.4	0.2%	
	2026			28,288	0.2%				6.7	0.3%				5.4	0.3%	
	2027			28,368	0.3%				6.7	0.3%				5.4	0.3%	
	2028			28,424	0.2%				6.7	0.2%				5.4	0.2%	
	2029			28,468	0.2%				6.7	0.2%				5.4	0.2%	
	2030			28,515	0.2%				6.7	0.2%				5.4	0.2%	
	2031			28,567	0.2%				6.7	0.2%				5.5	0.2%	
	2032			28,595	0.1%				6.8	0.1%				5.5	0.1%	
	2033			28,610	0.1%				6.8	0.1%				5.5	0.1%	
	2034			28,621	0.0%				6.8	0.0%				5.5	0.0%	
	2035			28,620	0.0%				6.8	0.0%				5.5	0.0%	
	2036			28,609	0.0%				6.8	0.0%				5.5	0.0%	
	2037			28,597	0.0%				6.7	-0.1%				5.5	-0.1%	
	2038			28,576	-0.1%				6.7	-0.1%				5.5	-0.1%	
CAGR [3]	2009-2018		0.1%		0.1%			1.4%		1.7%			-1.5%		-1.6%	
	2019-2028				0.3%					0.3%					0.3%	
	2029-2038				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 2019 Load Forecast - Severe Weather Case

Havana

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	25,150	-	25,022	-	-0.5%	6.1	-	46.8%	5.9	-	48.3%
	2010	27,320	8.6%	25,329	1.2%	-7.3%	6.8	10.9%	45.8%	6.2	4.3%	50.3%
	2011	26,524	-2.9%	25,061	-1.1%	-5.5%	6.4	-5.5%	47.0%	6.2	-0.6%	49.2%
	2012	23,930	-9.8%	24,505	-2.2%	2.4%	5.8	-10.5%	47.4%	5.7	-7.6%	48.0%
	2013	24,585	2.7%	25,089	2.4%	2.0%	5.3	-8.9%	53.5%	5.6	-1.6%	50.1%
	2014	25,176	2.4%	24,956	-0.5%	-0.9%	6.4	22.1%	44.8%	5.8	4.1%	49.3%
	2015	25,771	2.4%	24,755	-0.8%	-3.9%	6.2	-2.9%	47.2%	5.8	-0.5%	50.7%
	2016	24,925	-3.3%	24,638	-0.5%	-1.2%	6.2	-0.2%	45.8%	5.7	-2.5%	50.3%
	2017	23,634	-5.2%	24,555	-0.3%	3.9%	6.2	-0.9%	43.8%	5.7	0.8%	47.3%
	2018	25,402	7.5%	25,202	2.6%	-0.8%	7.0	13.2%	41.6%	5.7	0.1%	50.8%
Projected	2019	27,574	8.6%	27,574	9.4%		6.8	-2.5%	46.3%	6.4	11.4%	49.4%
	2020	27,797	0.8%	27,797	0.8%		6.9	1.0%	46.2%	6.4	1.0%	49.4%
	2021	27,941	0.5%	27,941	0.5%		6.9	0.5%	46.3%	6.5	0.5%	49.4%
	2022	28,045	0.4%	28,045	0.4%		6.9	0.3%	46.3%	6.5	0.3%	49.4%
	2023	28,111	0.2%	28,111	0.2%		6.9	0.2%	46.3%	6.5	0.2%	49.4%
	2024	28,166	0.2%	28,166	0.2%		6.9	0.2%	46.3%	6.5	0.2%	49.4%
	2025	28,221	0.2%	28,221	0.2%		7.0	0.2%	46.3%	6.5	0.2%	49.4%
	2026	28,288	0.2%	28,288	0.2%		7.0	0.3%	46.3%	6.5	0.3%	49.4%
	2027	28,368	0.3%	28,368	0.3%		7.0	0.3%	46.3%	6.6	0.3%	49.4%
	2028	28,424	0.2%	28,424	0.2%		7.0	0.2%	46.3%	6.6	0.2%	49.4%
	2029	28,468	0.2%	28,468	0.2%		7.0	0.2%	46.3%	6.6	0.2%	49.4%
	2030	28,515	0.2%	28,515	0.2%		7.0	0.2%	46.3%	6.6	0.2%	49.4%
	2031	28,567	0.2%	28,567	0.2%		7.0	0.2%	46.3%	6.6	0.2%	49.4%
	2032	28,595	0.1%	28,595	0.1%		7.1	0.1%	46.3%	6.6	0.1%	49.4%
	2033	28,610	0.1%	28,610	0.1%		7.1	0.1%	46.3%	6.6	0.1%	49.4%
	2034	28,621	0.0%	28,621	0.0%		7.1	0.0%	46.3%	6.6	0.0%	49.4%
	2035	28,620	0.0%	28,620	0.0%		7.1	0.0%	46.3%	6.6	0.0%	49.4%
	2036	28,609	0.0%	28,609	0.0%		7.1	0.0%	46.3%	6.6	0.0%	49.4%
	2037	28,597	0.0%	28,597	0.0%		7.0	-0.1%	46.3%	6.6	-0.1%	49.5%
	2038	28,576	-0.1%	28,576	-0.1%		7.0	-0.1%	46.3%	6.6	-0.1%	49.4%
CAGR [1]	2009-2018		0.1%		0.1%			1.4%	46.4%		-0.4%	49.4%
	2019-2028		0.3%		0.3%			0.3%	46.3%		0.3%	49.4%
	2029-2038		0.0%		0.0%			0.0%	46.3%		0.0%	49.4%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Severe Weather Case

Havana

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	2,221	1,972	1,731	1,630	1,990	2,655	2,533	2,454	2,217	1,935	1,708	2,301	25,345	25,150
	2010	2,705	2,349	1,913	1,581	2,120	2,608	2,765	2,832	2,504	1,799	1,759	2,753	27,688	27,320
	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	1,889	1,802	2,245	25,478	25,402
Projected	2019	2,948	2,218	2,084	1,605	2,108	2,560	2,922	2,810	2,384	1,841	1,817	2,274	27,571	27,574
	2020	2,979	2,244	2,110	1,623	2,131	2,587	2,950	2,836	2,405	1,856	1,830	2,290	27,842	27,797
	2021	2,998	2,257	2,121	1,632	2,141	2,599	2,962	2,844	2,411	1,863	1,838	2,303	27,968	27,941
	2022	3,015	2,268	2,132	1,639	2,149	2,605	2,967	2,850	2,417	1,868	1,844	2,308	28,062	28,045
	2023	3,021	2,273	2,136	1,643	2,155	2,612	2,973	2,856	2,422	1,872	1,848	2,312	28,124	28,111
	2024	3,025	2,276	2,140	1,647	2,160	2,617	2,979	2,862	2,427	1,876	1,852	2,317	28,178	28,166
	2025	3,030	2,280	2,144	1,650	2,165	2,623	2,985	2,867	2,432	1,881	1,856	2,321	28,234	28,221
	2026	3,035	2,284	2,149	1,654	2,171	2,630	2,993	2,875	2,439	1,887	1,862	2,328	28,307	28,288
	2027	3,044	2,290	2,155	1,659	2,177	2,637	3,001	2,882	2,445	1,891	1,867	2,333	28,382	28,368
	2028	3,049	2,294	2,159	1,663	2,182	2,642	3,007	2,888	2,450	1,895	1,870	2,337	28,434	28,424
Projected	2029	3,053	2,297	2,162	1,666	2,186	2,646	3,011	2,892	2,453	1,898	1,873	2,340	28,477	28,468
	2030	3,056	2,300	2,165	1,669	2,190	2,651	3,017	2,897	2,458	1,902	1,877	2,345	28,528	28,515
	2031	3,062	2,304	2,170	1,672	2,195	2,656	3,022	2,902	2,462	1,905	1,880	2,347	28,575	28,567
	2032	3,064	2,306	2,172	1,674	2,197	2,658	3,024	2,904	2,464	1,907	1,882	2,348	28,599	28,595
	2033	3,065	2,306	2,172	1,675	2,199	2,660	3,026	2,905	2,465	1,908	1,883	2,349	28,614	28,610
	2034	3,066	2,307	2,173	1,676	2,200	2,661	3,027	2,906	2,466	1,909	1,884	2,350	28,623	28,621
	2035	3,065	2,306	2,173	1,676	2,200	2,661	3,026	2,905	2,465	1,908	1,883	2,348	28,618	28,620
	2036	3,062	2,304	2,172	1,676	2,200	2,660	3,025	2,905	2,465	1,909	1,883	2,348	28,608	28,609
	2037	3,060	2,302	2,171	1,676	2,200	2,659	3,023	2,903	2,463	1,908	1,882	2,345	28,593	28,597
	2038	3,056	2,300	2,169	1,675	2,199	2,658	3,022	2,901	2,462	1,907	1,882	2,344	28,573	28,576

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.8%	7.8%	6.8%	6.4%	7.8%	10.5%	10.0%	9.7%	8.7%	7.6%	6.7%	9.1%	100.0%
	2010	9.8%	8.5%	6.9%	5.7%	7.7%	9.4%	10.0%	10.2%	9.0%	6.5%	6.4%	9.9%	100.0%
	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%	6.9%	6.1%	8.1%	9.7%	9.9%	9.5%	9.5%	7.4%	7.1%	8.8%	100.0%
Projected	2019	10.7%	8.0%	7.6%	5.8%	7.6%	9.3%	10.6%	10.2%	8.6%	6.7%	6.6%	8.2%	100.0%
	2020	10.7%	8.1%	7.6%	5.8%	7.7%	9.3%	10.6%	10.2%	8.6%	6.7%	6.6%	8.2%	100.0%
	2021	10.7%	8.1%	7.6%	5.8%	7.7%	9.3%	10.6%	10.2%	8.6%	6.7%	6.6%	8.2%	100.0%
	2022	10.7%	8.1%	7.6%	5.8%	7.7%	9.3%	10.6%	10.2%	8.6%	6.7%	6.6%	8.2%	100.0%
	2023	10.7%	8.1%	7.6%	5.8%	7.7%	9.3%	10.6%	10.2%	8.6%	6.7%	6.6%	8.2%	100.0%
	2024	10.7%	8.1%	7.6%	5.8%	7.7%	9.3%	10.6%	10.2%	8.6%	6.7%	6.6%	8.2%	100.0%
	2025	10.7%	8.1%	7.6%	5.8%	7.7%	9.3%	10.6%	10.2%	8.6%	6.7%	6.6%	8.2%	100.0%
	2026	10.7%	8.1%	7.6%	5.8%	7.7%	9.3%	10.6%	10.2%	8.6%	6.7%	6.6%	8.2%	100.0%
	2027	10.7%	8.1%	7.6%	5.8%	7.7%	9.3%	10.6%	10.2%	8.6%	6.7%	6.6%	8.2%	100.0%
	2028	10.7%	8.1%	7.6%	5.8%	7.7%	9.3%	10.6%	10.2%	8.6%	6.7%	6.6%	8.2%	100.0%
Avg.	2009-2018	9.3%	7.4%	7.0%	6.5%	8.1%	9.7%	10.2%	10.2%	8.8%	7.2%	7.0%	8.4%	100.0%
	2019-2028	10.7%	8.1%	7.6%	5.8%	7.7%	9.3%	10.6%	10.2%	8.6%	6.7%	6.6%	8.2%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Severe Weather Case

Havana

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	6.0	6.1	5.1	4.1	4.6	5.9	5.7	5.6	5.1	5.0	3.9	5.2	6.1	5.9
	2010	6.8	6.0	4.9	3.3	4.9	5.9	6.2	5.9	5.8	4.1	4.2	6.2	6.8	6.2
	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	4.3	5.0	5.6	7.0	5.7
Projected	2019	6.8	6.1	4.4	4.0	5.4	6.4	6.2	6.0	5.7	4.8	5.0	5.6	6.8	6.4
	2020	6.9	6.2	4.4	4.1	5.4	6.4	6.2	6.0	5.8	4.8	5.0	5.7	6.9	6.4
	2021	6.9	6.2	4.4	4.1	5.4	6.5	6.2	6.1	5.8	4.8	5.1	5.7	6.9	6.5
	2022	6.9	6.2	4.5	4.1	5.5	6.5	6.3	6.1	5.8	4.8	5.1	5.7	6.9	6.5
	2023	6.9	6.2	4.5	4.1	5.5	6.5	6.3	6.1	5.8	4.9	5.1	5.7	6.9	6.5
	2024	6.9	6.2	4.5	4.1	5.5	6.5	6.3	6.1	5.8	4.9	5.1	5.7	6.9	6.5
	2025	7.0	6.3	4.5	4.1	5.5	6.5	6.3	6.1	5.8	4.9	5.1	5.7	7.0	6.5
	2026	7.0	6.3	4.5	4.2	5.5	6.5	6.3	6.1	5.8	4.9	5.1	5.8	7.0	6.5
	2027	7.0	6.3	4.5	4.2	5.5	6.6	6.3	6.2	5.9	4.9	5.1	5.8	7.0	6.6
	2028	7.0	6.3	4.5	4.2	5.5	6.6	6.4	6.2	5.9	4.9	5.1	5.8	7.0	6.6
Projected	2029	7.0	6.3	4.5	4.2	5.5	6.6	6.4	6.2	5.9	4.9	5.1	5.8	7.0	6.6
	2030	7.0	6.3	4.5	4.2	5.5	6.6	6.4	6.2	5.9	4.9	5.2	5.8	7.0	6.6
	2031	7.0	6.3	4.5	4.2	5.6	6.6	6.4	6.2	5.9	4.9	5.2	5.8	7.0	6.6
	2032	7.1	6.3	4.5	4.2	5.6	6.6	6.4	6.2	5.9	4.9	5.2	5.8	7.1	6.6
	2033	7.1	6.3	4.6	4.2	5.6	6.6	6.4	6.2	5.9	4.9	5.2	5.8	7.1	6.6
	2034	7.1	6.3	4.6	4.2	5.6	6.6	6.4	6.2	5.9	4.9	5.2	5.8	7.1	6.6
	2035	7.1	6.3	4.6	4.2	5.6	6.6	6.4	6.2	5.9	4.9	5.2	5.8	7.1	6.6
	2036	7.1	6.3	4.5	4.2	5.6	6.6	6.4	6.2	5.9	4.9	5.2	5.8	7.1	6.6
	2037	7.0	6.3	4.5	4.2	5.6	6.6	6.4	6.2	5.9	4.9	5.2	5.8	7.0	6.6
	2038	7.0	6.3	4.5	4.2	5.6	6.6	6.4	6.2	5.9	4.9	5.2	5.8	7.0	6.6

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	49.7%	47.8%	45.7%	54.1%	64.4%	60.1%	61.3%	58.9%	60.9%	51.7%	59.3%	61.2%	47.1%	48.7%
	2010	53.4%	58.8%	52.1%	64.4%	64.1%	59.1%	62.0%	64.3%	59.6%	59.4%	56.6%	61.4%	46.4%	51.0%
	2011	54.8%	52.0%	56.9%	55.4%	61.1%	57.9%	62.7%	63.9%	56.8%	65.0%	53.7%	57.5%	45.3%	47.4%
	2012	48.6%	43.9%	63.0%	50.2%	62.0%	53.1%	62.5%	59.4%	58.3%	57.4%	56.3%	56.4%	48.0%	48.6%
	2013	54.0%	52.2%	54.2%	63.4%	62.8%	58.8%	62.0%	63.2%	59.0%	56.0%	48.0%	57.8%	53.4%	50.0%
	2014	55.8%	53.3%	55.8%	60.3%	62.3%	58.3%	61.9%	61.5%	56.5%	54.3%	46.7%	56.1%	45.2%	49.7%
	2015	49.8%	54.3%	54.7%	60.2%	64.3%	56.0%	67.1%	63.2%	58.1%	55.7%	57.4%	50.9%	46.3%	49.7%
	2016	51.6%	50.9%	61.2%	51.6%	61.2%	59.1%	65.5%	65.0%	63.0%	52.8%	59.0%	54.2%	45.9%	50.4%
	2017	42.9%	56.3%	48.7%	56.8%	61.7%	55.7%	63.4%	60.0%	61.0%	58.0%	58.9%	52.4%	44.7%	48.3%
	2018	53.3%	47.8%	50.6%	66.3%	64.1%	58.0%	63.9%	62.5%	63.1%	59.4%	48.7%	55.7%	41.7%	50.9%
Projected	2019	58.3%	54.1%	63.9%	53.3%	58.5%	54.1%	65.9%	63.1%	58.1%	52.0%	48.6%	55.9%	46.3%	49.4%
	2020	58.3%	52.3%	64.0%	53.3%	58.6%	54.1%	65.9%	63.0%	58.1%	51.9%	48.7%	56.1%	46.3%	49.4%
	2021	58.4%	54.2%	64.1%	53.4%	58.6%	54.1%	65.8%	62.9%	57.9%	51.8%	48.8%	56.2%	46.3%	49.4%
	2022	58.6%	54.3%	64.2%	53.4%	58.6%	54.1%	65.7%	62.9%	57.9%	51.8%	48.8%	56.2%	46.3%	49.4%
	2023	58.6%	54.3%	64.2%	53.5%	58.7%	54.1%	65.7%	62.8%	57.9%	51.8%	48.8%	56.2%	46.3%	49.4%
	2024	58.5%	52.4%	64.2%	53.5%	58.7%	54.1%	65.7%	62.8%	57.9%	51.8%	48.9%	56.2%	46.3%	49.4%
	2025	58.5%	54.3%	64.2%	53.5%	58.7%	54.1%	65.7%	62.9%	57.9%	51.8%	48.8%	56.1%	46.3%	49.4%
	2026	58.4%	54.2%	64.2%	53.5%	58.7%	54.1%	65.7%	62.9%	57.9%	51.9%	48.9%	56.2%	46.3%	49.4%
	2027	58.5%	54.2%	64.2%	53.5%	58.7%	54.1%	65.7%	62.9%	57.9%	51.8%	48.9%	56.2%	46.3%	49.4%
	2028	58.5%	52.4%	64.2%	53.5%	58.8%	54.1%	65.7%	62.8%	57.9%	51.8%	48.9%	56.2%	46.3%	49.4%
Avg.	2009-2018	51.4%	51.7%	54.3%	58.3%	62.8%	57.6%	63.2%	62.2%	59.6%	57.0%	54.5%	56.4%	46.4%	49.5%
	2019-2028	58.5%	53.7%	64.1%	53.4%	58.7%	54.1%	65.8%	62.9%	58.0%	51.8%	48.8%	56.1%	46.3%	49.4%

FMPA 2019 Load Forecast - Severe Weather Case

Havana

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	5.9	6.1	4.7	3.4	4.5	5.9	4.7	5.4	4.9	4.8	2.2	5.0	6.1	5.9
	2010	6.6	5.8	4.9	3.0	4.6	5.1	5.6	4.7	5.6	4.1	2.8	6.2	6.6	5.1
	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	3.8	3.5	4.5	6.9	5.2
Projected	2019	6.5	5.4	3.6	3.6	5.1	5.8	5.5	5.3	5.0	4.3	3.5	4.6	6.5	5.3
	2020	6.6	5.4	3.7	3.6	5.1	5.8	5.6	5.3	5.0	4.3	3.5	4.6	6.6	5.3
	2021	6.6	5.4	3.7	3.6	5.2	5.9	5.6	5.3	5.1	4.3	3.5	4.6	6.6	5.3
	2022	6.6	5.5	3.7	3.7	5.2	5.9	5.6	5.4	5.1	4.3	3.5	4.6	6.6	5.4
	2023	6.6	5.5	3.7	3.7	5.2	5.9	5.6	5.4	5.1	4.3	3.5	4.6	6.6	5.4
	2024	6.7	5.5	3.7	3.7	5.2	5.9	5.6	5.4	5.1	4.3	3.5	4.6	6.7	5.4
	2025	6.7	5.5	3.7	3.7	5.2	5.9	5.6	5.4	5.1	4.4	3.6	4.6	6.7	5.4
	2026	6.7	5.5	3.7	3.7	5.2	5.9	5.7	5.4	5.1	4.4	3.6	4.7	6.7	5.4
	2027	6.7	5.5	3.7	3.7	5.2	6.0	5.7	5.4	5.1	4.4	3.6	4.7	6.7	5.4
	2028	6.7	5.5	3.7	3.7	5.2	6.0	5.7	5.4	5.1	4.4	3.6	4.7	6.7	5.4
Projected	2029	6.7	5.5	3.7	3.7	5.3	6.0	5.7	5.4	5.2	4.4	3.6	4.7	6.7	5.4
	2030	6.7	5.6	3.7	3.7	5.3	6.0	5.7	5.4	5.2	4.4	3.6	4.7	6.7	5.4
	2031	6.7	5.6	3.8	3.7	5.3	6.0	5.7	5.5	5.2	4.4	3.6	4.7	6.7	5.5
	2032	6.8	5.6	3.8	3.7	5.3	6.0	5.7	5.5	5.2	4.4	3.6	4.7	6.8	5.5
	2033	6.8	5.6	3.8	3.7	5.3	6.0	5.7	5.5	5.2	4.4	3.6	4.7	6.8	5.5
	2034	6.8	5.6	3.8	3.7	5.3	6.0	5.7	5.5	5.2	4.4	3.6	4.7	6.8	5.5
	2035	6.8	5.6	3.8	3.7	5.3	6.0	5.7	5.5	5.2	4.4	3.6	4.7	6.8	5.5
	2036	6.8	5.6	3.8	3.7	5.3	6.0	5.7	5.5	5.2	4.4	3.6	4.7	6.8	5.5
	2037	6.7	5.6	3.8	3.7	5.3	6.0	5.7	5.5	5.2	4.4	3.6	4.7	6.7	5.5
	2038	6.7	5.6	3.8	3.7	5.3	6.0	5.7	5.5	5.2	4.4	3.6	4.7	6.7	5.5

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	98.9%	99.0%	92.8%	83.3%	97.2%	99.5%	82.0%	96.4%	97.5%	96.4%	57.1%	95.2%	99.0%	99.5%
	2010	97.6%	97.6%	99.8%	90.2%	94.2%	86.5%	90.1%	78.7%	96.5%	100.0%	66.8%	100.0%	97.6%	82.7%
	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%	89.3%	69.6%	81.0%	99.1%	90.5%
Projected	2019	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2020	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2021	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2022	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2023	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2024	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2025	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2026	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2027	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2028	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%
	2009-2018	95.7%	88.6%	82.6%	88.8%	94.9%	90.9%	89.5%	86.8%	87.7%	87.8%	70.1%	79.8%	87.0%	86.3%
	2019-2028	95.7%	87.9%	82.6%	88.8%	94.9%	90.9%	89.5%	87.9%	87.7%	89.3%	69.6%	81.0%	95.7%	82.7%

FMPA 2019 Load Forecast - Severe Weather Case - Havana

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

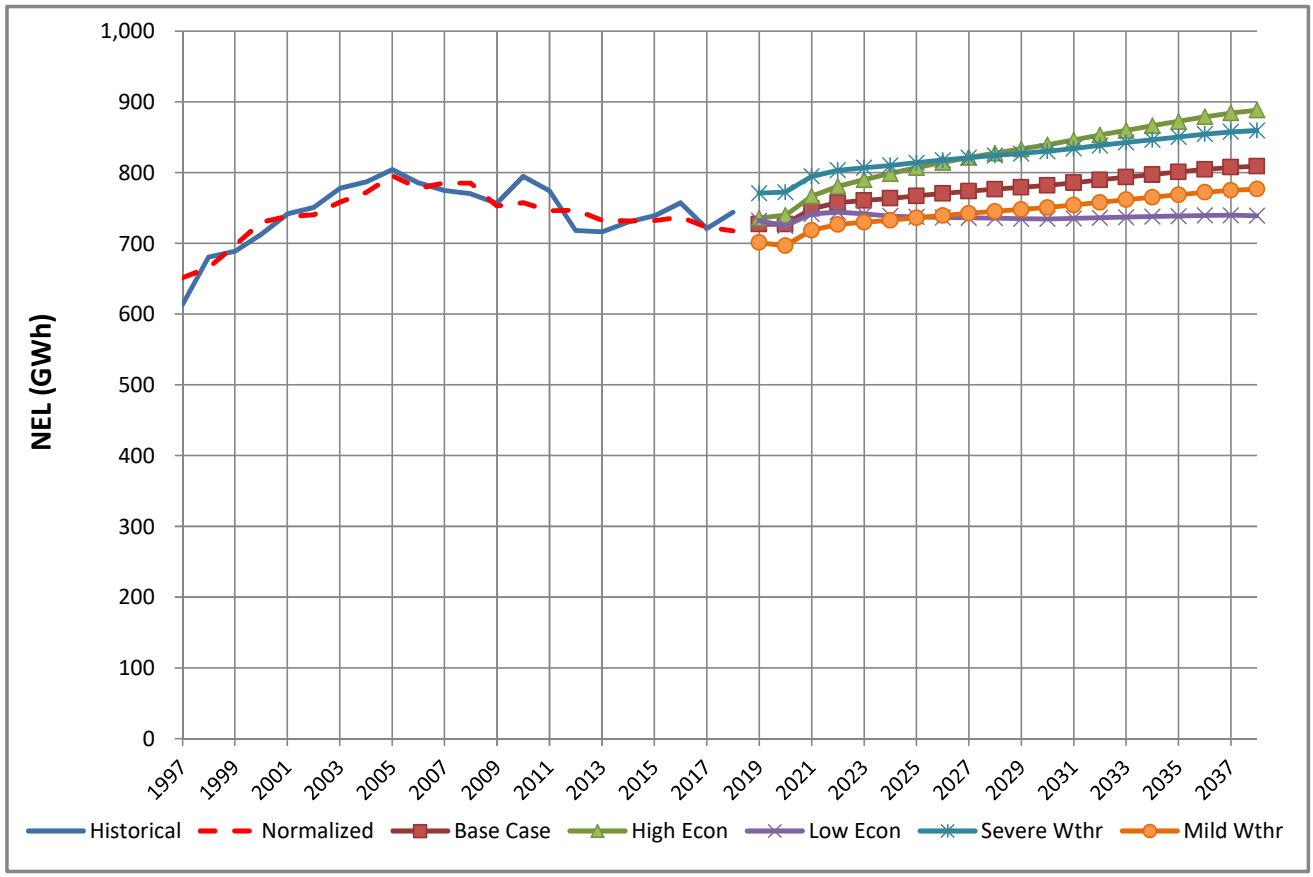
		Residential						General Service						TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2009	13,249		1,122		11,810		10,427		254		41.0		23,676		1,474	5.9%	25,150	
	2010	14,583	10.1%	1,116	-0.6%	13,073	10.7%	11,029	5.8%	254	-0.1%	43.4	5.8%	25,612	8.2%	1,708	6.3%	27,320	8.6%
	2011	13,929	-4.5%	1,105	-0.9%	12,602	-3.6%	11,284	2.3%	262	3.0%	43.2	-0.7%	25,213	-1.6%	1,311	4.9%	26,524	-2.9%
	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%
Projected	2019	15,643	12.5%	1,140	0.1%	13,726	12.4%	10,568	3.6%	322	1.8%	32.8	1.8%	26,211	8.7%	1,363	4.9%	27,574	8.6%
	2020	15,778	0.9%	1,139	0.0%	13,849	0.9%	10,634	0.6%	326	1.1%	32.6	-0.5%	26,412	0.8%	1,385	5.0%	27,797	0.8%
	2021	15,855	0.5%	1,140	0.1%	13,907	0.4%	10,693	0.6%	328	0.5%	32.6	0.0%	26,549	0.5%	1,392	5.0%	27,941	0.5%
	2022	15,897	0.3%	1,141	0.1%	13,932	0.2%	10,751	0.5%	329	0.5%	32.7	0.1%	26,648	0.4%	1,397	5.0%	28,045	0.4%
	2023	15,904	0.0%	1,142	0.1%	13,926	0.0%	10,807	0.5%	331	0.5%	32.7	0.0%	26,711	0.2%	1,401	5.0%	28,111	0.2%
	2024	15,901	0.0%	1,143	0.1%	13,912	-0.1%	10,861	0.5%	332	0.5%	32.7	0.0%	26,762	0.2%	1,404	5.0%	28,166	0.2%
	2025	15,902	0.0%	1,144	0.1%	13,900	-0.1%	10,913	0.5%	334	0.4%	32.7	0.0%	26,815	0.2%	1,407	5.0%	28,221	0.2%
	2026	15,913	0.1%	1,145	0.1%	13,899	0.0%	10,965	0.5%	335	0.4%	32.7	0.0%	26,878	0.2%	1,410	5.0%	28,288	0.2%
	2027	15,940	0.2%	1,146	0.1%	13,912	0.1%	11,014	0.4%	337	0.4%	32.7	0.0%	26,954	0.3%	1,414	5.0%	28,368	0.3%
	2028	15,948	0.0%	1,146	0.1%	13,910	0.0%	11,059	0.4%	338	0.4%	32.7	0.0%	27,007	0.2%	1,417	5.0%	28,424	0.2%
	2029	15,948	0.0%	1,147	0.0%	13,905	0.0%	11,101	0.4%	339	0.4%	32.7	0.0%	27,049	0.2%	1,419	5.0%	28,468	0.2%
	2030	15,951	0.0%	1,147	0.0%	13,905	0.0%	11,142	0.4%	340	0.4%	32.7	0.0%	27,093	0.2%	1,422	5.0%	28,515	0.2%
	2031	15,966	0.1%	1,147	0.0%	13,914	0.1%	11,177	0.3%	342	0.3%	32.7	0.0%	27,143	0.2%	1,424	5.0%	28,567	0.2%
	2032	15,964	0.0%	1,148	0.0%	13,912	0.0%	11,205	0.2%	342	0.3%	32.7	0.0%	27,169	0.1%	1,426	5.0%	28,595	0.1%
	2033	15,952	-0.1%	1,147	0.0%	13,904	-0.1%	11,232	0.2%	343	0.3%	32.7	0.0%	27,184	0.1%	1,426	5.0%	28,610	0.1%
	2034	15,937	-0.1%	1,147	0.0%	13,892	-0.1%	11,257	0.2%	344	0.3%	32.7	0.0%	27,194	0.0%	1,427	5.0%	28,621	0.0%
	2035	15,911	-0.2%	1,147	0.0%	13,873	-0.1%	11,282	0.2%	345	0.3%	32.7	0.0%	27,193	0.0%	1,427	5.0%	28,620	0.0%
	2036	15,875	-0.2%	1,147	0.0%	13,845	-0.2%	11,308	0.2%	346	0.3%	32.7	0.0%	27,182	0.0%	1,427	5.0%	28,609	0.0%
	2037	15,839	-0.2%	1,146	0.0%	13,818	-0.2%	11,331	0.2%	347	0.3%	32.7	0.0%	27,171	0.0%	1,426	5.0%	28,597	0.0%
	2038	15,802	-0.2%	1,146	0.0%	13,785	-0.2%	11,349	0.2%	348	0.2%	32.6	-0.1%	27,150	-0.1%	1,425	5.0%	28,576	-0.1%
CAGR	2009-2018		0.5%		0.2%		0.4%		-0.2%		2.5%		-2.7%		0.2%		5.4%		0.1%
	2019-2028		0.2%		0.1%		0.1%		0.5%		0.5%		0.0%		0.3%		5.0%		0.3%
	2029-2038		-0.1%		0.0%		-0.1%		0.2%		0.3%		0.0%		0.0%		5.0%		0.0%

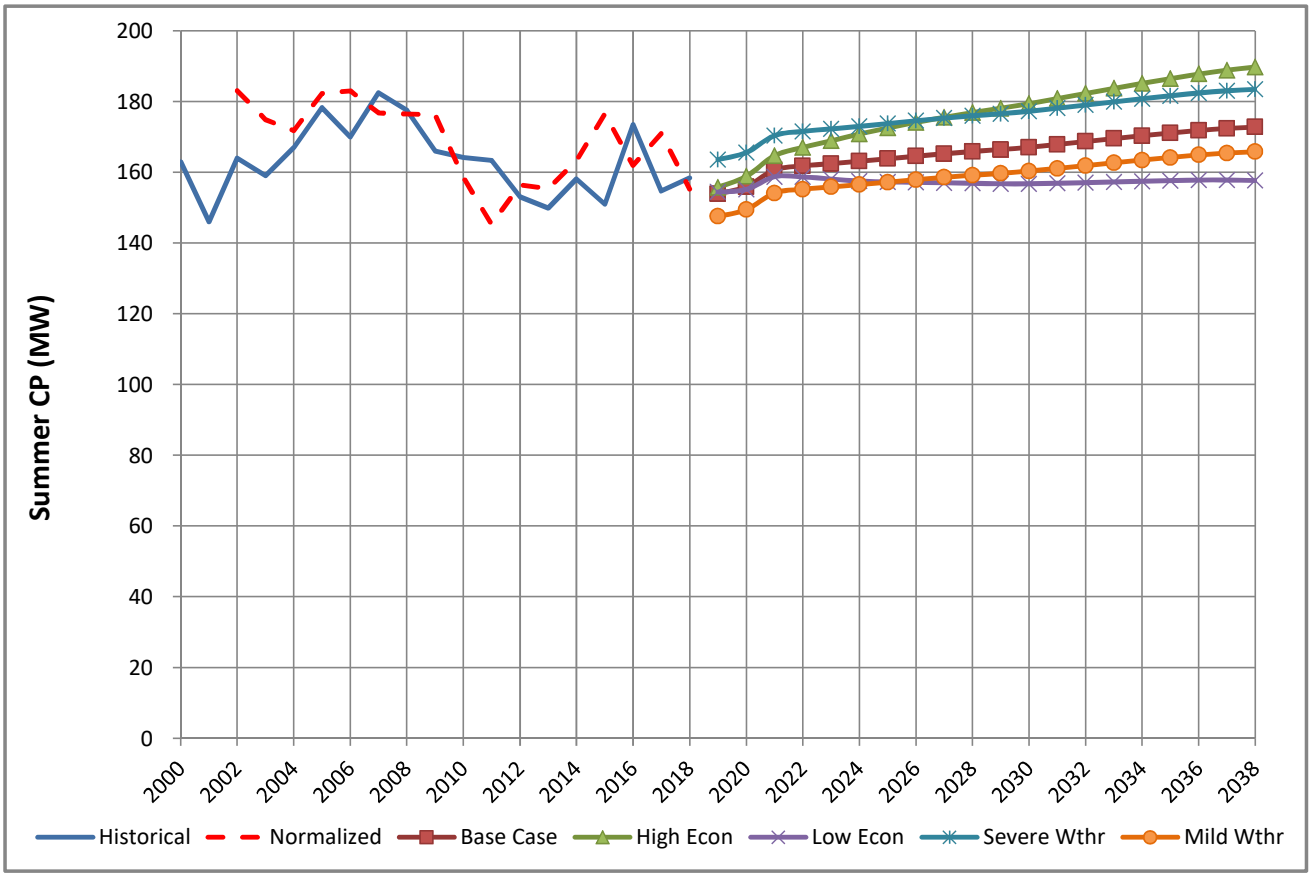
CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast

Jacksonville Beach

Historical and Projected NEL and Annual Coincident Peak Demand





FMPA 2019 Load Forecast - Low Economic Case

Jacksonville Beach

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	756,706	-	752,905	-	-0.5%	202.3	-	193.0	-	-4.6%	166.0	-	176.2		6.2%
	2010	794,526	5.0%	757,597	0.6%	-4.6%	222.6	10.0%	180.2	-6.7%	-19.0%	164.2	-1.1%	158.5	-10.1%	-3.5%
	2011	774,250	-2.6%	746,265	-1.5%	-3.6%	208.7	-6.2%	210.4	16.7%	0.8%	163.4	-0.5%	146.4	-7.7%	-10.4%
	2012	718,167	-7.2%	747,275	0.1%	4.1%	171.1	-18.0%	178.4	-15.2%	4.3%	153.1	-6.3%	156.4	6.8%	2.2%
	2013	716,333	-0.3%	732,844	-1.9%	2.3%	161.5	-5.6%	171.9	-3.7%	6.4%	149.9	-2.1%	155.4	-0.6%	3.7%
	2014	730,250	1.9%	731,580	-0.2%	0.2%	166.4	3.1%	185.9	8.2%	11.7%	158.1	5.5%	163.3	5.1%	3.3%
	2015	738,958	1.2%	732,019	0.1%	-0.9%	195.1	17.3%	185.9	0.0%	-4.8%	151.0	-4.5%	176.6	8.2%	16.9%
	2016	757,330	2.5%	736,956	0.7%	-2.7%	120.2	-38.4%	185.9	0.0%	54.6%	173.5	14.9%	161.9	-8.3%	-6.7%
	2017	721,030	-4.8%	723,069	-1.9%	0.3%	101.6	-15.5%	127.1	-31.6%	25.2%	154.7	-10.8%	171.0	5.6%	10.5%
	2018	744,119	3.2%	717,713	-0.7%	-3.5%	213.8	110.5%	218.5	71.9%	2.2%	158.4	2.4%	155.3	-9.2%	-2.0%
Projected	2019	731,981	-1.6%	731,981	2.0%		179.5	-16.0%	179.5	-17.8%		154.4	-2.5%	154.4	-0.5%	
	2020			724,736	-1.0%				180.4	0.5%				155.2	0.5%	
	2021			741,466	2.3%				184.5	2.3%				158.8	2.3%	
	2022			744,212	0.4%				184.5	0.0%				158.7	0.0%	
	2023			741,739	-0.3%				183.8	-0.4%				158.1	-0.4%	
	2024			738,728	-0.4%				183.1	-0.4%				157.5	-0.4%	
	2025			737,338	-0.2%				182.8	-0.2%				157.3	-0.2%	
	2026			736,710	-0.1%				182.7	-0.1%				157.2	-0.1%	
	2027			736,201	-0.1%				182.5	-0.1%				157.0	-0.1%	
	2028			735,560	-0.1%				182.4	-0.1%				156.9	-0.1%	
	2029			734,941	-0.1%				182.2	-0.1%				156.8	-0.1%	
	2030			734,628	0.0%				182.2	0.0%				156.7	0.0%	
	2031			735,186	0.1%				182.4	0.1%				156.9	0.1%	
	2032			736,146	0.1%				182.6	0.1%				157.1	0.1%	
	2033			737,083	0.1%				182.9	0.1%				157.3	0.1%	
	2034			737,924	0.1%				183.0	0.1%				157.5	0.1%	
	2035			738,627	0.1%				183.2	0.1%				157.6	0.1%	
	2036			739,574	0.1%				183.5	0.1%				157.8	0.1%	
	2037			739,818	0.0%				183.4	0.0%				157.8	0.0%	
	2038			739,174	-0.1%				183.3	-0.1%				157.7	-0.1%	
CAGR [3]	2009-2018		-0.2%		-0.5%			0.6%		1.4%			-0.5%		-1.4%	
	2019-2028				0.1%					0.2%					0.2%	
	2029-2038				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 2019 Load Forecast - Low Economic Case

Jacksonville Beach

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	756,706	-	752,905	-	-0.5%	212.6	-	40.6%	173.1	-	49.9%
	2010	794,526	5.0%	757,597	0.6%	-4.6%	222.6	4.7%	40.7%	172.6	-0.3%	52.5%
	2011	774,250	-2.6%	746,265	-1.5%	-3.6%	208.7	-6.2%	42.4%	172.2	-0.3%	51.3%
	2012	718,167	-7.2%	747,275	0.1%	4.1%	171.1	-18.0%	47.9%	170.3	-1.1%	48.1%
	2013	716,333	-0.3%	732,844	-1.9%	2.3%	168.2	-1.7%	48.6%	157.9	-7.3%	51.8%
	2014	730,250	1.9%	731,580	-0.2%	0.2%	192.1	14.2%	43.4%	166.4	5.3%	50.1%
	2015	738,958	1.2%	732,019	0.1%	-0.9%	195.1	1.6%	43.2%	165.1	-0.8%	51.1%
	2016	757,330	2.5%	736,956	0.7%	-2.7%	171.8	-11.9%	50.3%	178.0	7.9%	48.6%
	2017	721,030	-4.8%	723,069	-1.9%	0.3%	153.8	-10.5%	53.5%	162.1	-8.9%	50.8%
	2018	744,119	3.2%	717,713	-0.7%	-3.5%	213.8	39.0%	39.7%	166.3	2.6%	51.1%
Projected	2019	731,981	-1.6%	731,981	2.0%		186.8	-12.6%	44.7%	163.9	-1.4%	51.0%
	2020	724,736	-1.0%	724,736	-1.0%		187.7	0.5%	44.1%	164.7	0.5%	50.2%
	2021	741,466	2.3%	741,466	2.3%		192.1	2.3%	44.1%	168.5	2.3%	50.2%
	2022	744,212	0.4%	744,212	0.4%		192.0	0.0%	44.3%	168.4	0.0%	50.4%
	2023	741,739	-0.3%	741,739	-0.3%		191.3	-0.4%	44.3%	167.8	-0.4%	50.5%
	2024	738,728	-0.4%	738,728	-0.4%		190.6	-0.4%	44.3%	167.2	-0.4%	50.4%
	2025	737,338	-0.2%	737,338	-0.2%		190.3	-0.2%	44.2%	166.9	-0.2%	50.4%
	2026	736,710	-0.1%	736,710	-0.1%		190.1	-0.1%	44.2%	166.8	-0.1%	50.4%
	2027	736,201	-0.1%	736,201	-0.1%		190.0	-0.1%	44.2%	166.7	-0.1%	50.4%
	2028	735,560	-0.1%	735,560	-0.1%		189.8	-0.1%	44.2%	166.5	-0.1%	50.4%
	2029	734,941	-0.1%	734,941	-0.1%		189.7	-0.1%	44.2%	166.4	-0.1%	50.4%
	2030	734,628	0.0%	734,628	0.0%		189.6	0.0%	44.2%	166.4	0.0%	50.4%
	2031	735,186	0.1%	735,186	0.1%		189.8	0.1%	44.2%	166.5	0.1%	50.4%
	2032	736,146	0.1%	736,146	0.1%		190.1	0.1%	44.2%	166.8	0.1%	50.4%
	2033	737,083	0.1%	737,083	0.1%		190.3	0.1%	44.2%	167.0	0.1%	50.4%
	2034	737,924	0.1%	737,924	0.1%		190.5	0.1%	44.2%	167.1	0.1%	50.4%
	2035	738,627	0.1%	738,627	0.1%		190.7	0.1%	44.2%	167.3	0.1%	50.4%
	2036	739,574	0.1%	739,574	0.1%		190.9	0.1%	44.2%	167.5	0.1%	50.4%
	2037	739,818	0.0%	739,818	0.0%		190.9	0.0%	44.2%	167.5	0.0%	50.4%
	2038	739,174	-0.1%	739,174	-0.1%		190.8	-0.1%	44.2%	167.4	-0.1%	50.4%
CAGR [1]	2009-2018		-0.2%		-0.5%			0.1%	45.0%		-0.4%	50.5%
	2019-2028		0.1%		0.1%			0.2%	44.3%		0.2%	50.4%
	2029-2038		0.1%		0.1%			0.1%	44.2%		0.1%	50.4%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Low Economic Case

Jacksonville Beach

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	62,457	55,025	51,034	51,714	64,670	76,959	77,418	77,754	72,726	63,608	48,527	56,430	758,323	756,706
	2010	75,365	61,496	53,174	48,767	68,394	78,099	83,532	82,536	74,597	56,214	48,222	75,151	805,547	794,526
	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	65,611	48,638	52,084	742,728	744,119
Projected	2019	64,282	47,450	50,010	50,837	61,249	68,918	76,944	77,291	68,667	58,292	48,115	51,804	723,858	731,981
	2020	63,881	47,240	49,811	51,042	61,526	69,218	77,252	77,596	68,959	59,144	48,900	52,664	727,233	724,736
	2021	64,785	48,594	51,371	52,471	63,276	71,053	79,147	79,429	70,633	60,056	49,734	53,578	744,127	741,466
	2022	65,745	48,536	51,306	52,406	63,190	70,936	78,995	79,258	70,472	59,912	49,617	53,445	743,818	744,212
	2023	65,551	48,379	51,142	52,246	62,990	70,685	78,683	78,924	70,166	59,647	49,404	53,207	741,023	741,739
	2024	65,237	48,145	50,915	52,043	62,759	70,419	78,386	78,635	69,930	59,467	49,279	53,088	738,303	738,728
	2025	65,084	48,036	50,815	51,960	62,668	70,316	78,268	78,521	69,837	59,396	49,230	53,039	737,168	737,338
	2026	65,015	47,985	50,769	51,924	62,628	70,267	78,210	78,462	69,788	59,358	49,205	53,013	736,622	736,710
	2027	64,973	47,950	50,734	51,895	62,592	70,218	78,146	78,392	69,725	59,305	49,164	52,968	736,063	736,201
	2028	64,908	47,900	50,688	51,856	62,547	70,162	78,077	78,321	69,663	59,255	49,129	52,931	735,438	735,560
Projected	2029	64,852	47,855	50,645	51,820	62,504	70,105	78,005	78,244	69,596	59,200	49,088	52,887	734,800	734,941
	2030	64,795	47,817	50,615	51,802	62,491	70,093	77,995	78,242	69,603	59,214	49,108	52,914	734,689	734,628
	2031	64,830	47,845	50,649	51,844	62,545	70,158	78,072	78,324	69,682	59,287	49,172	52,988	735,396	735,186
	2032	64,918	47,910	50,717	51,912	62,627	70,249	78,173	78,424	69,770	59,360	49,233	53,052	736,345	736,146
	2033	64,998	47,969	50,781	51,978	62,707	70,340	78,275	78,527	69,863	59,441	49,299	53,125	737,303	737,083
	2034	65,084	48,030	50,842	52,038	62,776	70,414	78,352	78,600	69,924	59,490	49,338	53,164	738,051	737,924
	2035	65,132	48,068	50,886	52,088	62,839	70,487	78,437	78,690	70,008	59,565	49,403	53,237	738,841	738,627
	2036	65,222	48,133	50,954	52,155	62,919	70,576	78,534	78,785	70,091	59,635	49,460	53,297	739,760	739,574
	2037	65,281	48,167	50,981	52,176	62,934	70,576	78,516	78,749	70,047	59,587	49,416	53,241	739,670	739,818
	2038	65,205	48,111	50,930	52,135	62,888	70,522	78,453	78,688	69,998	59,551	49,393	53,219	739,092	739,174

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.2%	7.3%	6.7%	6.8%	8.5%	10.1%	10.2%	10.3%	9.6%	8.4%	6.4%	7.4%	100.0%
	2010	9.4%	7.6%	6.6%	6.1%	8.5%	9.7%	10.4%	10.2%	9.3%	7.0%	6.0%	9.3%	100.0%
	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%	8.4%	9.5%	10.0%	10.3%	10.5%	8.8%	6.5%	7.0%	100.0%
Projected	2019	8.9%	6.6%	6.9%	7.0%	8.5%	9.5%	10.6%	10.7%	9.5%	8.1%	6.6%	7.2%	100.0%
	2020	8.8%	6.5%	6.8%	7.0%	8.5%	9.5%	10.6%	10.7%	9.5%	8.1%	6.7%	7.2%	100.0%
	2021	8.7%	6.5%	6.9%	7.1%	8.5%	9.5%	10.6%	10.7%	9.5%	8.1%	6.7%	7.2%	100.0%
	2022	8.8%	6.5%	6.9%	7.0%	8.5%	9.5%	10.6%	10.7%	9.5%	8.1%	6.7%	7.2%	100.0%
	2023	8.8%	6.5%	6.9%	7.1%	8.5%	9.5%	10.6%	10.7%	9.5%	8.0%	6.7%	7.2%	100.0%
	2024	8.8%	6.5%	6.9%	7.0%	8.5%	9.5%	10.6%	10.7%	9.5%	8.1%	6.7%	7.2%	100.0%
	2025	8.8%	6.5%	6.9%	7.0%	8.5%	9.5%	10.6%	10.7%	9.5%	8.1%	6.7%	7.2%	100.0%
	2026	8.8%	6.5%	6.9%	7.0%	8.5%	9.5%	10.6%	10.7%	9.5%	8.1%	6.7%	7.2%	100.0%
	2027	8.8%	6.5%	6.9%	7.1%	8.5%	9.5%	10.6%	10.7%	9.5%	8.1%	6.7%	7.2%	100.0%
	2028	8.8%	6.5%	6.9%	7.1%	8.5%	9.5%	10.6%	10.6%	9.5%	8.1%	6.7%	7.2%	100.0%
Avg.	2009-2018	8.4%	6.8%	6.9%	7.0%	8.7%	9.7%	10.6%	10.5%	9.5%	8.0%	6.6%	7.4%	100.0%
	2019-2028	8.8%	6.5%	6.9%	7.0%	8.5%	9.5%	10.6%	10.7%	9.5%	8.1%	6.7%	7.2%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Low Economic Case

Jacksonville Beach

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	208.2	212.6	143.7	113.2	141.9	173.1	170.4	163.3	150.3	149.7	113.7	131.1	212.6	173.1
	2010	222.6	170.6	142.9	105.3	147.8	168.5	172.6	163.7	159.5	126.3	105.4	208.7	222.6	172.6
	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	130.5	113.5	123.4	213.8	166.3
Projected	2019	186.8	159.4	103.6	115.7	139.1	153.7	163.9	158.6	149.4	128.6	114.0	124.0	186.8	163.9
	2020	187.7	160.1	104.1	116.2	139.7	154.4	164.7	159.4	150.1	129.2	116.7	126.9	187.7	164.7
	2021	192.1	163.9	106.5	118.9	143.0	158.0	168.5	163.1	153.6	132.3	116.6	126.8	192.1	168.5
	2022	192.0	163.8	106.4	118.9	142.9	157.9	168.4	163.0	153.5	132.2	116.2	126.4	192.0	168.4
	2023	191.3	163.2	106.0	118.4	142.4	157.3	167.8	162.4	152.9	131.7	115.8	125.9	191.3	167.8
	2024	190.6	162.6	105.7	118.0	141.9	156.8	167.2	161.8	152.4	131.2	115.6	125.7	190.6	167.2
	2025	190.3	162.3	105.5	117.8	141.6	156.5	166.9	161.6	152.1	131.0	115.5	125.6	190.3	166.9
	2026	190.1	162.2	105.4	117.7	141.5	156.4	166.8	161.4	152.0	130.9	115.4	125.5	190.1	166.8
	2027	190.0	162.1	105.3	117.6	141.4	156.3	166.7	161.3	151.9	130.8	115.3	125.4	190.0	166.7
	2028	189.8	161.9	105.2	117.5	141.3	156.2	166.5	161.2	151.8	130.7	115.2	125.3	189.8	166.5
Projected	2029	189.7	161.8	105.2	117.4	141.2	156.0	166.4	161.0	151.6	130.6	115.2	125.3	189.7	166.4
	2030	189.6	161.8	105.1	117.4	141.2	156.0	166.4	161.0	151.6	130.6	115.3	125.4	189.6	166.4
	2031	189.8	161.9	105.2	117.5	141.3	156.1	166.5	161.2	151.8	130.7	115.5	125.6	189.8	166.5
	2032	190.1	162.1	105.4	117.7	141.5	156.3	166.8	161.4	151.9	130.9	115.6	125.7	190.1	166.8
	2033	190.3	162.3	105.5	117.8	141.7	156.6	167.0	161.6	152.1	131.0	115.7	125.8	190.3	167.0
	2034	190.5	162.5	105.6	118.0	141.8	156.7	167.1	161.8	152.3	131.2	115.8	126.0	190.5	167.1
	2035	190.7	162.7	105.7	118.1	142.0	156.9	167.3	161.9	152.5	131.3	116.0	126.1	190.7	167.3
	2036	190.9	162.9	105.9	118.2	142.1	157.1	167.5	162.1	152.7	131.5	116.0	126.1	190.9	167.5
	2037	190.9	162.9	105.9	118.2	142.1	157.1	167.5	162.1	152.6	131.5	115.9	126.0	190.9	167.5
	2038	190.8	162.7	105.8	118.1	142.0	156.9	167.4	162.0	152.5	131.4	115.9	126.0	190.8	167.4

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	40.3%	38.5%	47.7%	61.4%	67.8%	59.8%	63.1%	64.0%	67.2%	57.1%	57.3%	59.8%	40.7%	50.0%
	2010	45.5%	53.6%	50.0%	62.3%	68.9%	62.3%	67.2%	67.8%	65.0%	59.8%	61.5%	50.0%	41.3%	53.3%
	2011	45.3%	52.8%	65.7%	60.3%	67.9%	63.5%	67.3%	65.3%	62.2%	62.0%	63.5%	68.0%	40.9%	49.5%
	2012	43.2%	40.6%	67.1%	58.5%	69.7%	53.9%	70.2%	64.5%	64.5%	61.9%	57.6%	56.2%	48.5%	48.8%
	2013	55.0%	42.3%	45.0%	60.4%	65.4%	60.8%	69.2%	67.5%	63.1%	58.4%	55.6%	62.8%	48.4%	51.6%
	2014	48.1%	48.8%	60.3%	57.7%	63.4%	61.1%	64.1%	62.6%	58.7%	57.8%	42.7%	58.1%	43.5%	50.3%
	2015	52.8%	42.2%	63.7%	55.4%	66.1%	61.7%	66.1%	64.7%	62.5%	60.6%	58.0%	67.1%	43.4%	51.2%
	2016	47.5%	45.8%	59.0%	54.9%	70.4%	61.2%	67.7%	65.5%	65.4%	56.8%	59.5%	62.0%	50.0%	48.2%
	2017	45.8%	69.0%	52.4%	56.3%	64.7%	60.0%	68.6%	65.5%	62.6%	59.5%	64.5%	51.3%	54.3%	51.5%
	2018	44.9%	57.7%	54.2%	61.7%	68.4%	58.0%	65.0%	65.1%	65.3%	67.6%	57.6%	58.6%	39.7%	51.0%
Projected	2019	46.2%	44.3%	64.9%	59.1%	65.5%	60.3%	65.2%	65.5%	63.8%	60.9%	56.7%	58.0%	44.2%	50.4%
	2020	45.7%	42.4%	64.3%	59.0%	65.5%	60.3%	65.1%	65.4%	63.8%	61.5%	56.3%	57.6%	44.2%	50.4%
	2021	45.3%	44.1%	64.8%	59.3%	65.9%	60.4%	65.2%	65.5%	63.9%	61.0%	57.3%	58.7%	44.2%	50.4%
	2022	46.0%	44.1%	64.8%	59.2%	65.8%	60.4%	65.1%	65.3%	63.8%	60.9%	57.4%	58.7%	44.2%	50.4%
	2023	46.1%	44.1%	64.8%	59.3%	65.8%	60.4%	65.1%	65.3%	63.7%	60.9%	57.4%	58.7%	44.2%	50.4%
	2024	46.0%	42.6%	64.8%	59.3%	65.8%	60.4%	65.1%	65.3%	63.8%	60.9%	57.3%	58.7%	44.2%	50.4%
	2025	46.0%	44.0%	64.7%	59.3%	65.8%	60.4%	65.1%	65.3%	63.8%	60.9%	57.3%	58.7%	44.2%	50.4%
	2026	46.0%	44.0%	64.7%	59.3%	65.8%	60.4%	65.1%	65.3%	63.8%	60.9%	57.3%	58.7%	44.2%	50.4%
	2027	46.0%	44.0%	64.7%	59.3%	65.9%	60.4%	65.1%	65.3%	63.8%	60.9%	57.3%	58.7%	44.2%	50.4%
	2028	46.0%	42.5%	64.7%	59.3%	65.9%	60.4%	65.1%	65.3%	63.8%	60.9%	57.3%	58.7%	44.2%	50.4%
Avg.	2009-2018	46.8%	49.1%	56.5%	58.9%	67.3%	60.2%	66.9%	65.2%	63.6%	60.1%	57.8%	59.4%	45.1%	50.5%
	2019-2028	45.9%	43.6%	64.7%	59.2%	65.8%	60.4%	65.1%	65.4%	63.8%	61.0%	57.2%	58.5%	44.2%	50.4%

FMPA 2019 Load Forecast - Low Economic Case

Jacksonville Beach

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	208.2	202.3	143.7	112.6	137.9	166.0	162.8	163.3	149.8	141.9	90.5	131.1	202.3	166.0
	2010	222.6	170.6	142.7	95.9	132.0	164.2	168.5	163.7	153.5	126.3	92.5	208.7	222.6	164.2
	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	124.9	105.6	117.7	213.8	158.4
Projected	2019	179.5	156.3	96.8	110.2	134.4	146.3	158.2	154.4	139.8	123.1	106.1	118.3	179.5	154.4
	2020	180.4	157.1	97.3	110.7	135.0	147.0	158.9	155.2	140.5	123.7	108.6	121.0	180.4	155.2
	2021	184.5	160.7	99.5	113.3	138.1	150.4	162.6	158.8	143.8	126.6	108.5	121.0	184.5	158.8
	2022	184.5	160.7	99.5	113.3	138.1	150.3	162.5	158.7	143.7	126.5	108.1	120.5	184.5	158.7
	2023	183.8	160.1	99.1	112.8	137.5	149.7	161.9	158.1	143.2	126.0	107.7	120.1	183.8	158.1
	2024	183.1	159.5	98.8	112.4	137.0	149.2	161.3	157.5	142.6	125.6	107.5	119.9	183.1	157.5
	2025	182.8	159.2	98.6	112.3	136.8	149.0	161.1	157.3	142.4	125.4	107.5	119.8	182.8	157.3
	2026	182.7	159.1	98.5	112.2	136.7	148.8	161.0	157.2	142.3	125.3	107.4	119.7	182.7	157.2
	2027	182.5	159.0	98.5	112.1	136.6	148.7	160.8	157.0	142.2	125.2	107.3	119.6	182.5	157.0
	2028	182.4	158.9	98.4	112.0	136.5	148.6	160.7	156.9	142.1	125.1	107.2	119.5	182.4	156.9
Projected	2029	182.2	158.7	98.3	111.9	136.4	148.5	160.6	156.8	142.0	125.0	107.2	119.5	182.2	156.8
	2030	182.2	158.7	98.3	111.9	136.4	148.5	160.5	156.7	141.9	125.0	107.3	119.6	182.2	156.7
	2031	182.4	158.8	98.4	112.0	136.5	148.6	160.7	156.9	142.1	125.1	107.4	119.8	182.4	156.9
	2032	182.6	159.0	98.5	112.1	136.7	148.8	160.9	157.1	142.3	125.3	107.6	119.9	182.6	157.1
	2033	182.9	159.3	98.6	112.3	136.9	149.0	161.1	157.3	142.4	125.4	107.7	120.0	182.9	157.3
	2034	183.0	159.4	98.7	112.4	137.0	149.1	161.3	157.5	142.6	125.5	107.8	120.2	183.0	157.5
	2035	183.2	159.6	98.8	112.5	137.1	149.3	161.4	157.6	142.7	125.7	107.9	120.3	183.2	157.6
	2036	183.5	159.8	99.0	112.7	137.3	149.5	161.6	157.8	142.9	125.8	107.9	120.3	183.5	157.8
	2037	183.4	159.8	98.9	112.6	137.3	149.5	161.6	157.8	142.9	125.8	107.8	120.2	183.4	157.8
	2038	183.3	159.6	98.9	112.6	137.2	149.3	161.5	157.7	142.8	125.7	107.8	120.2	183.3	157.7

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	100.0%	95.1%	100.0%	99.4%	97.1%	95.9%	95.5%	100.0%	99.7%	94.8%	79.6%	100.0%	95.1%	95.9%
	2010	100.0%	100.0%	99.8%	91.1%	89.3%	97.4%	97.6%	100.0%	96.2%	100.0%	87.7%	100.0%	100.0%	95.1%
	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%	95.7%	93.0%	95.4%	100.0%	95.3%
Projected	2019	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2020	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2021	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2022	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2023	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2024	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2025	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2026	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2027	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2028	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2009-2018	96.1%	97.5%	93.2%	94.7%	96.0%	94.6%	95.9%	97.1%	92.9%	94.3%	91.1%	94.7%	91.4%	94.5%
	2019-2028	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%

FMPA 2019 Load Forecast - Low Economic Case - Beaches Energy

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	440,988		28,252		15,609		81,848		4,125		19.8		183,331		369		497		8,594		3,979		718,740		37,966	5.0%	756,706	
	2010	479,184	8.7%	28,539	1.0%	16,791	7.6%	87,401	6.8%	4,105	-0.5%	21.3	7.3%	186,428	1.7%	370	0.3%	503	1.4%	8,036	-6.5%	4,054	1.9%	765,105	6.5%	29,421	3.7%	794,526	5.0%
	2011	456,496	-4.7%	28,326	-0.7%	16,116	-4.0%	86,639	-0.9%	4,075	-0.7%	21.3	-0.1%	185,575	-0.5%	364	-1.6%	509	1.2%	8,002	-0.4%	4,111	1.4%	740,822	-3.2%	33,428	4.3%	774,250	-2.6%
	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%	173,296	-2.0%	343	2.5%	505	-4.4%	8,070	1.5%	4,159	-0.2%	708,825	1.6%	35,294	4.7%	744,119	3.2%
Projected	2019	439,596	-0.1%	30,102	0.2%	14,604	-0.3%	80,636	-3.3%	4,364	0.4%	18.5	-3.6%	174,785	0.9%	344	0.3%	508	0.6%	8,155	1.1%	4,159	0.0%	707,331	-0.2%	24,650	3.4%	731,981	-1.6%
	2020	432,415	-1.6%	30,059	-0.1%	14,386	-1.5%	80,348	-0.4%	4,357	-0.2%	18.4	-0.2%	173,927	-0.5%	346	0.4%	503	-0.9%	8,136	-0.2%	4,159	0.0%	698,984	-1.2%	25,752	3.6%	724,736	-1.0%
	2021	431,166	-0.3%	30,065	0.0%	14,341	-0.3%	80,352	0.0%	4,363	0.1%	18.4	-0.1%	191,223	9.9%	348	0.6%	550	9.3%	8,139	0.0%	4,159	0.0%	715,039	2.3%	26,427	3.6%	741,466	2.3%
	2022	429,830	-0.3%	30,083	0.1%	14,288	-0.4%	80,352	0.0%	4,374	0.3%	18.4	-0.3%	195,358	2.2%	350	0.6%	558	1.6%	8,149	0.1%	4,159	0.0%	717,848	0.4%	26,364	3.5%	744,212	0.4%
	2023	427,092	-0.6%	30,101	0.1%	14,188	-0.7%	80,352	0.0%	4,387	0.3%	18.3	-0.3%	195,710	0.2%	352	0.5%	557	-0.3%	8,161	0.1%	4,159	0.0%	715,474	-0.3%	26,265	3.5%	741,739	-0.3%
	2024	423,796	-0.8%	30,121	0.1%	14,070	-0.8%	80,352	0.0%	4,399	0.3%	18.3	-0.3%	196,077	0.2%	353	0.4%	555	-0.2%	8,173	0.1%	4,159	0.0%	712,557	-0.4%	26,171	3.5%	738,728	-0.4%
	2025	422,055	-0.4%	30,138	0.1%	14,004	-0.5%	80,352	0.0%	4,412	0.3%	18.2	-0.3%	196,442	0.2%	354	0.4%	554	-0.2%	8,185	0.1%	4,159	0.0%	711,193	-0.2%	26,145	3.5%	737,338	-0.2%
	2026	421,071	-0.2%	30,151	0.0%	13,965	-0.3%	80,352	0.0%	4,424	0.3%	18.2	-0.3%	196,800	0.2%	355	0.3%	554	-0.1%	8,197	0.1%	4,159	0.0%	710,579	-0.1%	26,131	3.5%	736,710	-0.1%
	2027	420,244	-0.2%	30,157	0.0%	13,935	-0.2%	80,352	0.0%	4,434	0.2%	18.1	-0.2%	197,125	0.2%	356	0.3%	553	-0.1%	8,208	0.1%	4,159	0.0%	710,087	-0.1%	26,114	3.5%	736,201	-0.1%
	2028	419,276	-0.2%	30,167	0.0%	13,898	-0.3%	80,352	0.0%	4,445	0.2%	18.1	-0.2%	197,459	0.2%	357	0.3%	553	-0.1%	8,219	0.1%	4,159	0.0%	709,465	-0.1%	26,095	3.5%	735,560	-0.1%
	2029	418,314	-0.2%	30,179	0.0%	13,861	-0.3%	80,352	0.0%	4,457	0.3%	18.0	-0.3%	197,811	0.2%	358	0.3%	552	-0.1%	8,230	0.1%	4,159	0.0%	708,866	-0.1%	26,075	3.5%	734,941	-0.1%
	2030	417,641	-0.2%	30,193	0.0%	13,833	-0.2%	80,352	0.0%	4,468	0.3%	18.0	-0.3%	198,159	0.2%	359	0.2%	552	-0.1%	8,242	0.1%	4,159	0.0%	708,553	0.0%	26,075	3.5%	734,628	0.0%
	2031	417,821	0.0%	30,206	0.0%	13,833	0.0%	80,352	0.0%	4,479	0.2%	17.9	-0.2%	198,497	0.2%	360	0.2%	552	-0.1%	8,253	0.1%	4,159	0.0%	709,081	0.1%	26,104	3.6%	735,186	0.1%
	2032	418,380	0.1%	30,216	0.0%	13,846	0.1%	80,352	0.0%	4,490	0.3%	17.9	-0.3%	198,852	0.2%	361	0.2%	551	-0.1%	8,265	0.1%	4,159	0.0%	710,007	0.1%	26,139	3.6%	736,146	0.1%
	2033	418,938	0.1%	30,227	0.0%	13,860	0.1%	80,352	0.0%	4,501	0.2%	17.9	-0.2%	199,186	0.2%	361	0.2%	551	0.0%	8,276	0.1%	4,159	0.0%	710,910	0.1%	26,173	3.6%	737,083	0.1%
	2034	419,419	0.1%	30,239	0.0%	13,870	0.1%	80,352	0.0%	4,511	0.2%	17.8	-0.2%	199,509	0.2%	362	0.2%	551	0.0%	8,286	0.1%	4,159	0.0%	711,725	0.1%	26,199	3.6%	737,924	0.1%
	2035	419,757	0.1%	30,252	0.0%	13,875	0.0%	80,352	0.0%	4,521	0.2%	17.8	-0.2%	199,834	0.2%	363	0.2%	551	0.0%	8,297	0.1%	4,159	0.0%	712,399	0.1%	26,227	3.6%	738,627	0.1%
	2036	420,332	0.1%	30,262	0.0%	13,890	0.1%	80,352	0.0%	4,531	0.2%	17.7	-0.2%	200,163	0.2%	364	0.2%	550	0.0%	8,308	0.1%	4,159	0.0%	713,314	0.1%	26,261	3.6%	739,574	0.1%
	2037	420,269	0.0%	30,270	0.0%	13,884	0.0%	80,352	0.0%	4,540	0.2%	17.7	-0.2%	200,466	0.2%	364	0.2%	550	0.0%	8,318	0.1%	4,159	0.0%	713,563	0.0%	26,255	3.5%	739,818	0.0%
	2038	419,362	-0.2%	30,282	0.0%	13,849	-0.3%	80,352	0.0%	4,549	0.2%	17.7	-0.2%	200,741	0.1%	365	0.2%	550	0.0%	8,327	0.1%	4,159	0.0%	712,940	-0.1%	26,234	3.5%	739,174	-0.1%
CAGR	2009-2018		0.0%		0.7%		-0.7%		0.2%		0.6%		-0.4%		-0.6%		-0.8%		0.2%		-0.7%		0.5%		-0.2%		3.9%		-0.2%
	2019-2028		-0.5%		0.0%		-0.5%		0.0%		0.2%		-0.2%		1.4%		0.4%		0.9%		0.1%		0.0%		0.0%		3.5%		0.1%
	2029-2038		0.0%		0.0%		0.0%		0.0%		0.2%		-0.2%		0.2%		0.2%		0.0%		0.1%		0.0%		0.1%		3.5%		0.1%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - High Economic Case

Jacksonville Beach

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	756,706	-	752,905	-	-0.5%	202.3	-	193.0	-	-4.6%	166.0	-	176.2		6.2%
	2010	794,526	5.0%	757,597	0.6%	-4.6%	222.6	10.0%	180.2	-6.7%	-19.0%	164.2	-1.1%	158.5	-10.1%	-3.5%
	2011	774,250	-2.6%	746,265	-1.5%	-3.6%	208.7	-6.2%	210.4	16.7%	0.8%	163.4	-0.5%	146.4	-7.7%	-10.4%
	2012	718,167	-7.2%	747,275	0.1%	4.1%	171.1	-18.0%	178.4	-15.2%	4.3%	153.1	-6.3%	156.4	6.8%	2.2%
	2013	716,333	-0.3%	732,844	-1.9%	2.3%	161.5	-5.6%	171.9	-3.7%	6.4%	149.9	-2.1%	155.4	-0.6%	3.7%
	2014	730,250	1.9%	731,580	-0.2%	0.2%	166.4	3.1%	185.9	8.2%	11.7%	158.1	5.5%	163.3	5.1%	3.3%
	2015	738,958	1.2%	732,019	0.1%	-0.9%	195.1	17.3%	185.9	0.0%	-4.8%	151.0	-4.5%	176.6	8.2%	16.9%
	2016	757,330	2.5%	736,956	0.7%	-2.7%	120.2	-38.4%	185.9	0.0%	54.6%	173.5	14.9%	161.9	-8.3%	-6.7%
	2017	721,030	-4.8%	723,069	-1.9%	0.3%	101.6	-15.5%	127.1	-31.6%	25.2%	154.7	-10.8%	171.0	5.6%	10.5%
	2018	744,119	3.2%	717,713	-0.7%	-3.5%	213.8	110.5%	218.5	71.9%	2.2%	158.4	2.4%	155.3	-9.2%	-2.0%
Projected	2019	735,850	-1.1%	735,850	2.5%		181.1	-15.3%	181.1	-17.1%		155.8	-1.7%	155.8	0.3%	
	2020			739,898	0.6%				184.7	2.0%				158.9	2.0%	
	2021			767,025	3.7%				191.5	3.7%				164.7	3.7%	
	2022			780,777	1.8%				194.2	1.4%				167.0	1.4%	
	2023			789,915	1.2%				196.4	1.1%				168.9	1.1%	
	2024			798,646	1.1%				198.5	1.1%				170.8	1.1%	
	2025			806,966	1.0%				200.6	1.0%				172.5	1.0%	
	2026			814,530	0.9%				202.4	0.9%				174.1	0.9%	
	2027			821,453	0.8%				204.1	0.8%				175.6	0.8%	
	2028			827,678	0.8%				205.6	0.7%				176.9	0.7%	
	2029			833,565	0.7%				207.0	0.7%				178.1	0.7%	
	2030			839,445	0.7%				208.5	0.7%				179.4	0.7%	
	2031			846,101	0.8%				210.2	0.8%				180.8	0.8%	
	2032			853,083	0.8%				211.9	0.8%				182.3	0.8%	
	2033			859,855	0.8%				213.6	0.8%				183.8	0.8%	
	2034			866,352	0.8%				215.2	0.7%				185.1	0.7%	
	2035			872,520	0.7%				216.7	0.7%				186.5	0.7%	
	2036			878,904	0.7%				218.3	0.7%				187.8	0.7%	
	2037			884,300	0.6%				219.5	0.6%				188.9	0.6%	
	2038			888,423	0.5%				220.6	0.5%				189.7	0.5%	
CAGR [3]	2009-2018		-0.2%		-0.5%			0.6%		1.4%			-0.5%		-1.4%	
	2019-2028				1.3%					1.4%					1.4%	
	2029-2038				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 2019 Load Forecast - High Economic Case

Jacksonville Beach

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	756,706	-	752,905	-	-0.5%	212.6	-	40.6%	173.1	-	49.9%
	2010	794,526	5.0%	757,597	0.6%	-4.6%	222.6	4.7%	40.7%	172.6	-0.3%	52.5%
	2011	774,250	-2.6%	746,265	-1.5%	-3.6%	208.7	-6.2%	42.4%	172.2	-0.3%	51.3%
	2012	718,167	-7.2%	747,275	0.1%	4.1%	171.1	-18.0%	47.9%	170.3	-1.1%	48.1%
	2013	716,333	-0.3%	732,844	-1.9%	2.3%	168.2	-1.7%	48.6%	157.9	-7.3%	51.8%
	2014	730,250	1.9%	731,580	-0.2%	0.2%	192.1	14.2%	43.4%	166.4	5.3%	50.1%
	2015	738,958	1.2%	732,019	0.1%	-0.9%	195.1	1.6%	43.2%	165.1	-0.8%	51.1%
	2016	757,330	2.5%	736,956	0.7%	-2.7%	171.8	-11.9%	50.3%	178.0	7.9%	48.6%
	2017	721,030	-4.8%	723,069	-1.9%	0.3%	153.8	-10.5%	53.5%	162.1	-8.9%	50.8%
	2018	744,119	3.2%	717,713	-0.7%	-3.5%	213.8	39.0%	39.7%	166.3	2.6%	51.1%
Projected	2019	735,850	-1.1%	735,850	2.5%		188.4	-11.9%	44.6%	165.3	-0.6%	50.8%
	2020	739,898	0.6%	739,898	0.6%		192.2	2.0%	43.9%	168.6	2.0%	50.1%
	2021	767,025	3.7%	767,025	3.7%		199.3	3.7%	43.9%	174.8	3.7%	50.1%
	2022	780,777	1.8%	780,777	1.8%		202.1	1.4%	44.1%	177.3	1.4%	50.3%
	2023	789,915	1.2%	789,915	1.2%		204.4	1.1%	44.1%	179.3	1.1%	50.3%
	2024	798,646	1.1%	798,646	1.1%		206.6	1.1%	44.1%	181.3	1.1%	50.3%
	2025	806,966	1.0%	806,966	1.0%		208.7	1.0%	44.1%	183.1	1.0%	50.3%
	2026	814,530	0.9%	814,530	0.9%		210.6	0.9%	44.1%	184.8	0.9%	50.3%
	2027	821,453	0.8%	821,453	0.8%		212.4	0.8%	44.2%	186.3	0.8%	50.3%
	2028	827,678	0.8%	827,678	0.8%		214.0	0.7%	44.2%	187.7	0.7%	50.3%
	2029	833,565	0.7%	833,565	0.7%		215.5	0.7%	44.2%	189.0	0.7%	50.3%
	2030	839,445	0.7%	839,445	0.7%		217.0	0.7%	44.2%	190.4	0.7%	50.3%
	2031	846,101	0.8%	846,101	0.8%		218.8	0.8%	44.1%	192.0	0.8%	50.3%
	2032	853,083	0.8%	853,083	0.8%		220.6	0.8%	44.2%	193.5	0.8%	50.3%
	2033	859,855	0.8%	859,855	0.8%		222.3	0.8%	44.2%	195.1	0.8%	50.3%
	2034	866,352	0.8%	866,352	0.8%		223.9	0.7%	44.2%	196.5	0.7%	50.3%
	2035	872,520	0.7%	872,520	0.7%		225.6	0.7%	44.2%	197.9	0.7%	50.3%
	2036	878,904	0.7%	878,904	0.7%		227.2	0.7%	44.2%	199.3	0.7%	50.3%
	2037	884,300	0.6%	884,300	0.6%		228.5	0.6%	44.2%	200.5	0.6%	50.4%
	2038	888,423	0.5%	888,423	0.5%		229.5	0.5%	44.2%	201.4	0.5%	50.4%
CAGR [1]	2009-2018		-0.2%		-0.5%			0.1%	45.0%		-0.4%	50.5%
	2019-2028		1.3%		1.3%			1.4%	44.1%		1.4%	50.3%
	2029-2038		0.7%		0.7%			0.7%	44.2%		0.7%	50.3%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - High Economic Case

Jacksonville Beach

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	62,457	55,025	51,034	51,714	64,670	76,959	77,418	77,754	72,726	63,608	48,527	56,430	758,323	756,706
	2010	75,365	61,496	53,174	48,767	68,394	78,099	83,532	82,536	74,597	56,214	48,222	75,151	805,547	794,526
	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	65,611	48,638	52,084	742,728	744,119
Projected	2019	64,357	47,563	50,192	51,090	61,635	69,446	77,641	78,101	69,491	59,082	48,841	52,669	730,109	735,850
	2020	65,018	48,136	50,806	52,102	62,868	70,820	79,144	79,595	70,818	60,793	50,303	54,240	744,642	739,898
	2021	66,833	50,176	53,079	54,234	65,463	73,636	82,169	82,581	73,518	62,574	51,836	55,909	772,007	767,025
	2022	68,768	50,855	53,775	54,913	66,271	74,563	83,222	83,642	74,450	63,356	52,459	56,576	782,849	780,777
	2023	69,612	51,481	54,414	55,535	67,010	75,408	84,176	84,599	75,289	64,056	53,017	57,170	791,768	789,915
	2024	70,378	52,061	55,018	56,132	67,729	76,241	85,130	85,568	76,146	64,778	53,594	57,788	800,563	798,646
	2025	71,155	52,635	55,600	56,695	68,395	77,001	85,990	86,430	76,904	65,413	54,102	58,332	808,652	806,966
	2026	71,844	53,148	56,127	57,210	69,009	77,706	86,789	87,237	77,614	66,009	54,579	58,843	816,115	814,530
	2027	72,489	53,624	56,613	57,682	69,568	78,342	87,506	87,954	78,242	66,533	54,996	59,287	822,838	821,453
	2028	73,051	54,043	57,045	58,107	70,075	78,924	88,166	88,621	78,831	67,030	55,396	59,716	829,003	827,678
Projected	2029	73,591	54,443	57,455	58,509	70,554	79,471	88,784	89,240	79,376	67,487	55,763	60,109	834,783	833,565
	2030	74,095	54,825	57,856	58,910	71,040	80,037	89,436	89,910	79,976	68,000	56,180	60,564	840,830	839,445
	2031	74,679	55,266	58,314	59,363	71,587	80,673	90,169	90,660	80,645	68,570	56,642	61,065	847,633	846,101
	2032	75,316	55,742	58,802	59,839	72,155	81,326	90,912	91,410	81,306	69,125	57,086	61,540	854,558	853,083
	2033	75,924	56,197	59,271	60,298	72,705	81,962	91,640	92,147	81,960	69,676	57,528	62,017	861,325	859,855
	2034	76,527	56,644	59,727	60,741	73,230	82,562	92,318	92,828	82,555	70,174	57,924	62,438	867,667	866,352
	2035	77,068	57,052	60,150	61,159	73,734	83,147	92,991	93,516	83,169	70,695	58,345	62,896	873,921	872,520
	2036	77,650	57,487	60,596	61,594	74,253	83,744	93,670	94,201	83,773	71,203	58,751	63,330	880,252	878,904
	2037	78,188	57,876	60,985	61,964	74,681	84,220	94,191	94,708	84,203	71,551	59,021	63,609	885,197	884,300
	2038	78,541	58,142	61,264	62,244	75,020	84,611	94,640	95,166	84,613	71,901	59,307	63,919	889,369	888,423

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.2%	7.3%	6.7%	6.8%	8.5%	10.1%	10.2%	10.3%	9.6%	8.4%	6.4%	7.4%	100.0%
	2010	9.4%	7.6%	6.6%	6.1%	8.5%	9.7%	10.4%	10.2%	9.3%	7.0%	6.0%	9.3%	100.0%
	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%	8.4%	9.5%	10.0%	10.3%	10.5%	8.8%	6.5%	7.0%	100.0%
Projected	2019	8.8%	6.5%	6.9%	7.0%	8.4%	9.5%	10.6%	10.7%	9.5%	8.1%	6.7%	7.2%	100.0%
	2020	8.7%	6.5%	6.8%	7.0%	8.4%	9.5%	10.6%	10.7%	9.5%	8.2%	6.8%	7.3%	100.0%
	2021	8.7%	6.5%	6.9%	7.0%	8.5%	9.5%	10.6%	10.7%	9.5%	8.1%	6.7%	7.2%	100.0%
	2022	8.8%	6.5%	6.9%	7.0%	8.5%	9.5%	10.6%	10.7%	9.5%	8.1%	6.7%	7.2%	100.0%
	2023	8.8%	6.5%	6.9%	7.0%	8.5%	9.5%	10.6%	10.7%	9.5%	8.1%	6.7%	7.2%	100.0%
	2024	8.8%	6.5%	6.9%	7.0%	8.5%	9.5%	10.6%	10.7%	9.5%	8.1%	6.7%	7.2%	100.0%
	2025	8.8%	6.5%	6.9%	7.0%	8.5%	9.5%	10.6%	10.7%	9.5%	8.1%	6.7%	7.2%	100.0%
	2026	8.8%	6.5%	6.9%	7.0%	8.5%	9.5%	10.6%	10.7%	9.5%	8.1%	6.7%	7.2%	100.0%
	2027	8.8%	6.5%	6.9%	7.0%	8.5%	9.5%	10.6%	10.7%	9.5%	8.1%	6.7%	7.2%	100.0%
	2028	8.8%	6.5%	6.9%	7.0%	8.5%	9.5%	10.6%	10.7%	9.5%	8.1%	6.7%	7.2%	100.0%
Avg.	2009-2018	8.4%	6.8%	6.9%	7.0%	8.7%	9.7%	10.6%	10.5%	9.5%	8.0%	6.6%	7.4%	100.0%
	2019-2028	8.8%	6.5%	6.9%	7.0%	8.5%	9.5%	10.6%	10.7%	9.5%	8.1%	6.7%	7.2%	100.0%

1	2	3	4	5	6	7	8	9	10	11	12

FMPA 2019 Load Forecast - High Economic Case

Jacksonville Beach

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	208.2	212.6	143.7	113.2	141.9	173.1	170.4	163.3	150.3	149.7	113.7	131.1	212.6	173.1
	2010	222.6	170.6	142.9	105.3	147.8	168.5	172.6	163.7	159.5	126.3	105.4	208.7	222.6	172.6
	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	130.5	114.5	124.5	213.8	166.3
Projected	2019	188.4	160.8	104.5	116.7	140.3	155.0	165.3	160.0	150.7	129.8	116.8	127.0	188.4	165.3
	2020	192.2	164.0	106.6	119.0	143.1	158.1	168.6	163.2	153.7	132.3	121.0	131.6	192.2	168.6
	2021	199.3	170.0	110.5	123.4	148.3	163.9	174.8	169.2	159.3	137.2	122.7	133.5	199.3	174.8
	2022	202.1	172.4	112.0	125.1	150.4	166.2	177.3	171.6	161.5	139.1	124.1	135.0	202.1	177.3
	2023	204.4	174.3	113.3	126.6	152.1	168.1	179.3	173.5	163.4	140.7	125.5	136.5	204.4	179.3
	2024	206.6	176.3	114.6	128.0	153.8	170.0	181.3	175.5	165.2	142.3	126.8	137.9	206.6	181.3
	2025	208.7	178.1	115.7	129.2	155.4	171.7	183.1	177.2	166.9	143.7	128.0	139.2	208.7	183.1
	2026	210.6	179.7	116.8	130.4	156.8	173.3	184.8	178.9	168.4	145.0	129.0	140.3	210.6	184.8
	2027	212.4	181.2	117.8	131.5	158.1	174.7	186.3	180.3	169.8	146.2	130.0	141.4	212.4	186.3
	2028	214.0	182.5	118.6	132.5	159.3	176.0	187.7	181.7	171.1	147.3	130.9	142.3	214.0	187.7
Projected	2029	215.5	183.8	119.5	133.4	160.4	177.3	189.0	183.0	172.3	148.4	131.8	143.4	215.5	189.0
	2030	217.0	185.1	120.3	134.4	161.6	178.5	190.4	184.3	173.5	149.4	132.9	144.5	217.0	190.4
	2031	218.8	186.6	121.3	135.5	162.9	180.0	192.0	185.8	174.9	150.6	134.0	145.7	218.8	192.0
	2032	220.6	188.2	122.3	136.6	164.2	181.4	193.5	187.3	176.3	151.9	135.0	146.9	220.6	193.5
	2033	222.3	189.7	123.3	137.7	165.5	182.9	195.1	188.8	177.7	153.1	136.0	147.9	222.3	195.1
	2034	223.9	191.1	124.2	138.7	166.7	184.2	196.5	190.2	179.0	154.2	137.0	149.0	223.9	196.5
	2035	225.6	192.4	125.1	139.7	167.9	185.6	197.9	191.5	180.3	155.3	138.0	150.1	225.6	197.9
	2036	227.2	193.8	126.0	140.7	169.1	186.9	199.3	192.9	181.6	156.4	138.8	150.9	227.2	199.3
	2037	228.5	194.9	126.7	141.5	170.1	188.0	200.5	194.0	182.7	157.3	139.4	151.6	228.5	200.5
	2038	229.5	195.8	127.3	142.2	170.9	188.8	201.4	194.9	183.5	158.1	140.2	152.5	229.5	201.4

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	40.3%	38.5%	47.7%	61.4%	67.8%	59.8%	63.1%	64.0%	67.2%	57.1%	57.3%	59.8%	40.7%	50.0%
	2010	45.5%	53.6%	50.0%	62.3%	68.9%	62.3%	67.2%	67.8%	65.0%	59.8%	61.5%	50.0%	41.3%	53.3%
	2011	45.3%	52.8%	65.7%	60.3%	67.9%	63.5%	67.3%	65.3%	62.2%	62.0%	63.5%	68.0%	40.9%	49.5%
	2012	43.2%	40.6%	67.1%	58.5%	69.7%	53.9%	70.2%	64.5%	64.5%	61.9%	57.6%	56.2%	48.5%	48.8%
	2013	55.0%	42.3%	45.0%	60.4%	65.4%	60.8%	69.2%	67.5%	63.1%	58.4%	55.6%	62.8%	48.4%	51.6%
	2014	48.1%	48.8%	60.3%	57.7%	63.4%	61.1%	64.1%	62.6%	58.7%	57.8%	42.7%	58.1%	43.5%	50.3%
	2015	52.8%	42.2%	63.7%	55.4%	66.1%	61.7%	66.1%	64.7%	62.5%	60.6%	58.0%	67.1%	43.4%	51.2%
	2016	47.5%	45.8%	59.0%	54.9%	70.4%	61.2%	67.7%	65.5%	65.4%	56.8%	59.5%	62.0%	50.0%	48.2%
	2017	45.8%	69.0%	52.4%	56.3%	64.7%	60.0%	68.6%	65.5%	62.6%	59.5%	64.5%	51.3%	54.3%	51.5%
	2018	44.9%	57.7%	54.2%	61.7%	68.4%	58.0%	65.0%	65.1%	65.3%	67.6%	57.1%	58.1%	39.7%	51.0%
Projected	2019	45.9%	44.0%	64.6%	58.8%	65.4%	60.2%	65.2%	65.6%	64.1%	61.2%	56.2%	57.6%	44.2%	50.4%
	2020	45.5%	42.2%	64.1%	58.8%	65.4%	60.2%	65.2%	65.6%	64.0%	61.7%	55.9%	57.2%	44.2%	50.4%
	2021	45.1%	43.9%	64.6%	59.1%	65.7%	60.4%	65.3%	65.6%	64.1%	61.3%	56.8%	58.2%	44.2%	50.4%
	2022	45.7%	43.9%	64.5%	59.0%	65.6%	60.3%	65.2%	65.5%	64.0%	61.2%	56.8%	58.2%	44.2%	50.4%
	2023	45.8%	43.9%	64.5%	59.0%	65.5%	60.3%	65.2%	65.5%	64.0%	61.2%	56.8%	58.2%	44.2%	50.4%
	2024	45.8%	42.4%	64.5%	59.0%	65.5%	60.3%	65.2%	65.6%	64.0%	61.2%	56.8%	58.2%	44.2%	50.4%
	2025	45.8%	44.0%	64.6%	59.0%	65.5%	60.3%	65.2%	65.5%	64.0%	61.2%	56.8%	58.2%	44.2%	50.4%
	2026	45.8%	44.0%	64.6%	58.9%	65.5%	60.3%	65.2%	65.6%	64.0%	61.2%	56.9%	58.3%	44.2%	50.4%
	2027	45.9%	44.0%	64.6%	59.0%	65.5%	60.3%	65.2%	65.6%	64.0%	61.2%	56.9%	58.3%	44.2%	50.4%
	2028	45.9%	42.5%	64.6%	58.9%	65.5%	60.3%	65.2%	65.6%	64.0%	61.1%	56.9%	58.3%	44.2%	50.4%
Avg.	2009-2018	46.8%	49.1%	56.5%	58.9%	67.3%	60.2%	66.9%	65.2%	63.6%	60.1%	57.7%	59.3%	45.1%	50.5%
	2019-2028	45.7%	43.5%	64.5%	58.9%	65.5%	60.3%	65.2%	65.6%	64.0%	61.2%	56.7%	58.1%	44.2%	50.4%

FMPA 2019 Load Forecast - High Economic Case

Jacksonville Beach

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	208.2	202.3	143.7	112.6	137.9	166.0	162.8	163.3	149.8	141.9	90.5	131.1	202.3	166.0
	2010	222.6	170.6	142.7	95.9	132.0	164.2	168.5	163.7	153.5	126.3	92.5	208.7	222.6	164.2
	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	124.9	106.5	118.7	213.8	158.4
Projected	2019	181.1	157.7	97.7	111.2	135.5	147.5	159.5	155.8	141.0	124.2	108.6	121.1	181.1	155.8
	2020	184.7	160.8	99.6	113.4	138.2	150.5	162.7	158.9	143.9	126.7	112.6	125.6	184.7	158.9
	2021	191.5	166.7	103.3	117.6	143.3	156.0	168.7	164.7	149.1	131.3	114.2	127.3	191.5	164.7
	2022	194.2	169.1	104.7	119.2	145.3	158.2	171.1	167.0	151.2	133.2	115.5	128.8	194.2	167.0
	2023	196.4	171.0	105.9	120.6	147.0	160.0	173.0	168.9	153.0	134.7	116.8	130.2	196.4	168.9
	2024	198.5	172.9	107.1	121.9	148.6	161.8	174.9	170.8	154.7	136.2	118.0	131.5	198.5	170.8
	2025	200.6	174.7	108.2	123.1	150.1	163.4	176.7	172.5	156.2	137.6	119.1	132.7	200.6	172.5
	2026	202.4	176.3	109.2	124.3	151.5	164.9	178.3	174.1	157.7	138.8	120.0	133.8	202.4	174.1
	2027	204.1	177.7	110.1	125.3	152.7	166.3	179.8	175.6	159.0	140.0	120.9	134.8	204.1	175.6
	2028	205.6	179.1	110.9	126.2	153.9	167.5	181.1	176.9	160.2	141.0	121.8	135.8	205.6	176.9
Projected	2029	207.0	180.3	111.7	127.1	155.0	168.7	182.4	178.1	161.3	142.0	122.7	136.8	207.0	178.1
	2030	208.5	181.6	112.5	128.0	156.1	169.9	183.7	179.4	162.4	143.0	123.7	137.9	208.5	179.4
	2031	210.2	183.1	113.4	129.1	157.3	171.3	185.2	180.8	163.8	144.2	124.7	139.0	210.2	180.8
	2032	211.9	184.6	114.3	130.1	158.6	172.7	186.7	182.3	165.1	145.4	125.7	140.1	211.9	182.3
	2033	213.6	186.0	115.2	131.2	159.9	174.0	188.2	183.8	166.4	146.5	126.6	141.1	213.6	183.8
	2034	215.2	187.4	116.1	132.1	161.1	175.3	189.6	185.1	167.6	147.6	127.5	142.1	215.2	185.1
	2035	216.7	188.8	116.9	133.1	162.2	176.6	191.0	186.5	168.8	148.7	128.4	143.2	216.7	186.5
	2036	218.3	190.1	117.8	134.1	163.4	177.9	192.3	187.8	170.1	149.7	129.1	144.0	218.3	187.8
	2037	219.5	191.2	118.4	134.8	164.3	178.9	193.4	188.9	171.0	150.6	129.7	144.6	219.5	188.9
	2038	220.6	192.1	119.0	135.4	165.1	179.7	194.3	189.7	171.8	151.3	130.4	145.4	220.6	189.7

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	100.0%	95.1%	100.0%	99.4%	97.1%	95.9%	95.5%	100.0%	99.7%	94.8%	79.6%	100.0%	95.1%	95.9%
	2010	100.0%	100.0%	99.8%	91.1%	89.3%	97.4%	97.6%	100.0%	96.2%	100.0%	87.7%	100.0%	100.0%	95.1%
	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%	95.7%	93.0%	95.4%	100.0%	95.3%
Projected	2019	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2020	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2021	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2022	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2023	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2024	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2025	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2026	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2027	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2028	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2009-2018	96.1%	97.5%	93.2%	94.7%	96.0%	94.6%	95.9%	97.1%	92.9%	94.3%	91.1%	94.7%	91.4%	94.5%
	2019-2028	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%

FMPA 2019 Load Forecast - High Economic Case - Beaches Energy

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	440,988		28,252		15,609		81,848		4,125		19.8		183,331		369		497		8,594		3,979		718,740		37,966	5.0%	756,706	
	2010	479,184	8.7%	28,539	1.0%	16,791	7.6%	87,401	6.8%	4,105	-0.5%	21.3	7.3%	186,428	1.7%	370	0.3%	503	1.4%	8,036	-6.5%	4,054	1.9%	765,105	6.5%	29,421	3.7%	794,526	5.0%
	2011	456,496	-4.7%	28,326	-0.7%	16,116	-4.0%	86,639	-0.9%	4,075	-0.7%	21.3	-0.1%	185,575	-0.5%	364	-1.6%	509	1.2%	8,002	-0.4%	4,111	1.4%	740,822	-3.2%	33,428	4.3%	774,250	-2.6%
	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%	173,296	-2.0%	343	2.5%	505	-4.4%	8,070	1.5%	4,159	-0.2%	708,825	1.6%	35,294	4.7%	744,119	3.2%
Projected	2019	441,918	0.4%	30,222	0.6%	14,622	-0.1%	80,636	-3.3%	4,404	1.3%	18.3	-4.5%	176,058	1.6%	347	1.1%	507	0.5%	8,196	1.6%	4,159	0.0%	710,966	0.3%	24,884	3.4%	735,850	-1.1%
	2020	442,519	0.1%	30,501	0.9%	14,508	-0.8%	80,348	-0.4%	4,497	2.1%	17.9	-2.4%	178,188	1.2%	356	2.5%	501	-1.3%	8,276	1.0%	4,159	0.0%	713,489	0.4%	26,409	3.6%	739,898	0.6%
	2021	449,671	1.6%	30,715	0.7%	14,640	0.9%	80,352	0.0%	4,552	1.2%	17.7	-1.2%	197,072	10.6%	362	1.6%	545	8.9%	8,332	0.7%	4,159	0.0%	739,585	3.7%	27,440	3.6%	767,025	3.7%
	2022	457,659	1.8%	30,912	0.6%	14,805	1.1%	80,352	0.0%	4,598	1.0%	17.5	-1.0%	202,464	2.7%	366	1.3%	553	1.5%	8,383	0.6%	4,159	0.0%	753,016	1.8%	27,761	3.6%	780,777	1.8%
	2023	465,001	1.6%	31,091	0.6%	14,956	1.0%	80,352	0.0%	4,639	0.9%	17.3	-0.9%	203,910	0.7%	370	1.0%	551	-0.3%	8,430	0.6%	4,159	0.0%	761,851	1.2%	28,064	3.6%	789,915	1.2%
	2024	472,024	1.5%	31,256	0.5%	15,102	1.0%	80,352	0.0%	4,676	0.8%	17.2	-0.8%	205,267	0.7%	373	0.9%	550	-0.2%	8,475	0.5%	4,159	0.0%	770,277	1.1%	28,370	3.6%	798,646	1.1%
	2025	478,750	1.4%	31,413	0.5%	15,241	0.9%	80,352	0.0%	4,709	0.7%	17.1	-0.7%	206,548	0.6%	376	0.7%	549	-0.1%	8,516	0.5%	4,159	0.0%	778,325	1.0%	28,641	3.5%	806,966	1.0%
	2026	484,804	1.3%	31,557	0.5%	15,363	0.8%	80,352	0.0%	4,740	0.7%	17.0	-0.6%	207,764	0.6%	378	0.7%	549	-0.1%	8,556	0.5%	4,159	0.0%	785,634	0.9%	28,896	3.5%	814,530	0.9%
	2027	490,325	1.1%	31,687	0.4%	15,474	0.7%	80,352	0.0%	4,767	0.6%	16.9	-0.6%	208,900	0.5%	381	0.6%	549	0.0%	8,593	0.4%	4,159	0.0%	792,329	0.9%	29,124	3.5%	821,453	0.8%
	2028	495,194	1.0%	31,816	0.4%	15,564	0.6%	80,352	0.0%	4,794	0.5%	16.8	-0.5%	210,010	0.5%	383	0.5%	549	0.0%	8,629	0.4%	4,159	0.0%	798,344	0.8%	29,334	3.5%	827,678	0.8%
	2029	499,750	0.9%	31,947	0.4%	15,643	0.5%	80,352	0.0%	4,819	0.5%	16.7	-0.5%	211,108	0.5%	384	0.5%	549	0.0%	8,664	0.4%	4,159	0.0%	804,033	0.7%	29,532	3.5%	833,565	0.7%
	2030	504,317	0.9%	32,074	0.4%	15,724	0.5%	80,352	0.0%	4,842	0.5%	16.6	-0.5%	212,177	0.5%	386	0.5%	549	0.0%	8,699	0.4%	4,159	0.0%	809,703	0.7%	29,742	3.5%	839,445	0.7%
	2031	509,666	1.1%	32,196	0.4%	15,830	0.7%	80,352	0.0%	4,865	0.5%	16.5	-0.5%	213,213	0.5%	388	0.4%	550	0.1%	8,732	0.4%	4,159	0.0%	816,122	0.8%	29,979	3.5%	846,101	0.8%
	2032	515,340	1.1%	32,316	0.4%	15,947	0.7%	80,352	0.0%	4,887	0.4%	16.4	-0.4%	214,249	0.5%	389	0.4%	550	0.1%	8,765	0.4%	4,159	0.0%	822,865	0.8%	30,218	3.5%	853,083	0.8%
	2033	520,852	1.1%	32,433	0.4%	16,060	0.7%	80,352	0.0%	4,907	0.4%	16.4	-0.4%	215,246	0.5%	391	0.4%	551	0.1%	8,797	0.4%	4,159	0.0%	829,406	0.8%	30,449	3.5%	859,855	0.8%
	2034	526,132	1.0%	32,548	0.4%	16,165	0.7%	80,352	0.0%	4,926	0.4%	16.3	-0.4%	216,216	0.5%	392	0.4%	551	0.1%	8,828	0.4%	4,159	0.0%	835,687	0.8%	30,666	3.5%	866,352	0.8%
	2035	531,095	0.9%	32,662	0.4%	16,260	0.6%	80,352	0.0%	4,945	0.4%	16.3	-0.4%	217,176	0.4%	394	0.3%	552	0.1%	8,859	0.3%	4,159	0.0%	841,640	0.7%	30,880	3.5%	872,520	0.7%
	2036	536,278	1.0%	32,772	0.3%	16,364	0.6%	80,352	0.0%	4,963	0.4%	16.2	-0.4%	218,128	0.4%	395	0.3%	552	0.1%	8,889	0.3%	4,159	0.0%	847,806	0.7%	31,098	3.5%	878,904	0.7%
	2037	540,567	0.8%	32,881	0.3%	16,440	0.5%	80,352	0.0%	4,979	0.3%	16.1	-0.3%	219,040	0.4%	396	0.3%	553	0.1%	8,919	0.3%	4,159	0.0%	853,037	0.6%	31,263	3.5%	884,300	0.6%
	2038	543,650	0.6%	32,990	0.3%	16,479	0.2%	80,352	0.0%	4,995	0.3%	16.1	-0.3%	219,912	0.4%	397	0.3%	554	0.1%	8,946	0.3%	4,159	0.0%	857,020	0.5%	31,403	3.5%	888,423	0.5%
CAGR	2009-2018		0.0%		0.7%		-0.7%		0.2%		0.6%		-0.4%		-0.6%		-0.8%		0.2%		-0.7%		0.5%		-0.2%		3.9%		-0.2%
	2019-2028		1.3%		0.6%		0.7%		0.0%		0.9%		-1.0%		2.0%		1.1%		0.9%		0.6%		0.0%		1.3%		3.5%		1.3%
	2029-2038		0.9%		0.4%		0.6%		0.0%		0.4%		-0.4%		0.5%		0.4%		0.1%		0.4%		0.0%		0.7%		3.5%		0.7%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - Mild Weather Case

Jacksonville Beach

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	756,706	-	752,905	-	-0.5%	202.3	-	193.0	-	-4.6%	166.0	-	176.2		6.2%
	2010	794,526	5.0%	757,597	0.6%	-4.6%	222.6	10.0%	180.2	-6.7%	-19.0%	164.2	-1.1%	158.5	-10.1%	-3.5%
	2011	774,250	-2.6%	746,265	-1.5%	-3.6%	208.7	-6.2%	210.4	16.7%	0.8%	163.4	-0.5%	146.4	-7.7%	-10.4%
	2012	718,167	-7.2%	747,275	0.1%	4.1%	171.1	-18.0%	178.4	-15.2%	4.3%	153.1	-6.3%	156.4	6.8%	2.2%
	2013	716,333	-0.3%	732,844	-1.9%	2.3%	161.5	-5.6%	171.9	-3.7%	6.4%	149.9	-2.1%	155.4	-0.6%	3.7%
	2014	730,250	1.9%	731,580	-0.2%	0.2%	166.4	3.1%	185.9	8.2%	11.7%	158.1	5.5%	163.3	5.1%	3.3%
	2015	738,958	1.2%	732,019	0.1%	-0.9%	195.1	17.3%	185.9	0.0%	-4.8%	151.0	-4.5%	176.6	8.2%	16.9%
	2016	757,330	2.5%	736,956	0.7%	-2.7%	120.2	-38.4%	185.9	0.0%	54.6%	173.5	14.9%	161.9	-8.3%	-6.7%
	2017	721,030	-4.8%	723,069	-1.9%	0.3%	101.6	-15.5%	127.1	-31.6%	25.2%	154.7	-10.8%	171.0	5.6%	10.5%
	2018	744,119	3.2%	717,713	-0.7%	-3.5%	213.8	110.5%	218.5	71.9%	2.2%	158.4	2.4%	155.3	-9.2%	-2.0%
Projected	2019	701,112	-5.8%	701,112	-2.3%		171.5	-19.8%	171.5	-21.5%		147.6	-6.8%	147.6	-5.0%	
	2020			696,819	-0.6%				173.7	1.3%				149.5	1.3%	
	2021			718,583	3.1%				179.2	3.1%				154.1	3.1%	
	2022			726,673	1.1%				180.4	0.7%				155.2	0.7%	
	2023			729,925	0.4%				181.2	0.4%				155.9	0.4%	
	2024			732,729	0.4%				181.9	0.4%				156.5	0.4%	
	2025			736,080	0.5%				182.8	0.5%				157.2	0.5%	
	2026			739,448	0.5%				183.6	0.5%				157.9	0.5%	
	2027			742,582	0.4%				184.3	0.4%				158.6	0.4%	
	2028			745,325	0.4%				185.0	0.4%				159.2	0.4%	
	2029			747,941	0.4%				185.6	0.3%				159.7	0.3%	
	2030			750,654	0.4%				186.4	0.4%				160.3	0.4%	
	2031			754,139	0.5%				187.3	0.5%				161.1	0.5%	
	2032			757,990	0.5%				188.2	0.5%				161.9	0.5%	
	2033			761,746	0.5%				189.2	0.5%				162.7	0.5%	
	2034			765,305	0.5%				190.0	0.4%				163.5	0.4%	
	2035			768,619	0.4%				190.8	0.4%				164.2	0.4%	
	2036			772,192	0.5%				191.7	0.5%				164.9	0.5%	
	2037			774,971	0.4%				192.3	0.3%				165.4	0.3%	
	2038			776,712	0.2%				192.8	0.2%				165.8	0.2%	
CAGR [3]	2009-2018		-0.2%		-0.5%			0.6%		1.4%			-0.5%		-1.4%	
	2019-2028				0.7%					0.8%					0.8%	
	2029-2038				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 2019 Load Forecast - Mild Weather Case

Jacksonville Beach

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	756,706	-	752,905	-	-0.5%	212.6	-	40.6%	173.1	-	49.9%
	2010	794,526	5.0%	757,597	0.6%	-4.6%	222.6	4.7%	40.7%	172.6	-0.3%	52.5%
	2011	774,250	-2.6%	746,265	-1.5%	-3.6%	208.7	-6.2%	42.4%	172.2	-0.3%	51.3%
	2012	718,167	-7.2%	747,275	0.1%	4.1%	171.1	-18.0%	47.9%	170.3	-1.1%	48.1%
	2013	716,333	-0.3%	732,844	-1.9%	2.3%	168.2	-1.7%	48.6%	157.9	-7.3%	51.8%
	2014	730,250	1.9%	731,580	-0.2%	0.2%	192.1	14.2%	43.4%	166.4	5.3%	50.1%
	2015	738,958	1.2%	732,019	0.1%	-0.9%	195.1	1.6%	43.2%	165.1	-0.8%	51.1%
	2016	757,330	2.5%	736,956	0.7%	-2.7%	171.8	-11.9%	50.3%	178.0	7.9%	48.6%
	2017	721,030	-4.8%	723,069	-1.9%	0.3%	153.8	-10.5%	53.5%	162.1	-8.9%	50.8%
	2018	744,119	3.2%	717,713	-0.7%	-3.5%	213.8	39.0%	39.7%	166.3	2.6%	51.1%
Projected	2019	701,112	-5.8%	701,112	-2.3%		178.5	-16.5%	44.8%	156.6	-5.8%	51.1%
	2020	696,819	-0.6%	696,819	-0.6%		180.8	1.3%	44.0%	158.6	1.3%	50.1%
	2021	718,583	3.1%	718,583	3.1%		186.5	3.1%	44.0%	163.6	3.1%	50.1%
	2022	726,673	1.1%	726,673	1.1%		187.8	0.7%	44.2%	164.8	0.7%	50.3%
	2023	729,925	0.4%	729,925	0.4%		188.6	0.4%	44.2%	165.4	0.4%	50.4%
	2024	732,729	0.4%	732,729	0.4%		189.3	0.4%	44.2%	166.1	0.4%	50.4%
	2025	736,080	0.5%	736,080	0.5%		190.2	0.5%	44.2%	166.9	0.5%	50.4%
	2026	739,448	0.5%	739,448	0.5%		191.1	0.5%	44.2%	167.6	0.5%	50.4%
	2027	742,582	0.4%	742,582	0.4%		191.8	0.4%	44.2%	168.3	0.4%	50.4%
	2028	745,325	0.4%	745,325	0.4%		192.6	0.4%	44.2%	168.9	0.4%	50.4%
	2029	747,941	0.4%	747,941	0.4%		193.2	0.3%	44.2%	169.5	0.3%	50.4%
	2030	750,654	0.4%	750,654	0.4%		194.0	0.4%	44.2%	170.2	0.4%	50.4%
	2031	754,139	0.5%	754,139	0.5%		194.9	0.5%	44.2%	171.0	0.5%	50.3%
	2032	757,990	0.5%	757,990	0.5%		195.9	0.5%	44.2%	171.9	0.5%	50.3%
	2033	761,746	0.5%	761,746	0.5%		196.9	0.5%	44.2%	172.7	0.5%	50.3%
	2034	765,305	0.5%	765,305	0.5%		197.7	0.4%	44.2%	173.5	0.4%	50.4%
	2035	768,619	0.4%	768,619	0.4%		198.6	0.4%	44.2%	174.3	0.4%	50.4%
	2036	772,192	0.5%	772,192	0.5%		199.5	0.5%	44.2%	175.1	0.5%	50.4%
	2037	774,971	0.4%	774,971	0.4%		200.1	0.3%	44.2%	175.6	0.3%	50.4%
	2038	776,712	0.2%	776,712	0.2%		200.6	0.2%	44.2%	176.0	0.2%	50.4%
CAGR [1]	2009-2018		-0.2%		-0.5%			0.1%	45.0%		-0.4%	50.5%
	2019-2028		0.7%		0.7%			0.8%	44.2%		0.8%	50.4%
	2029-2038		0.4%		0.4%			0.4%	44.2%		0.4%	50.4%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Mild Weather Case

Jacksonville Beach

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	62,457	55,025	51,034	51,714	64,670	76,959	77,418	77,754	72,726	63,608	48,527	56,430	758,323	756,706
	2010	75,365	61,496	53,174	48,767	68,394	78,099	83,532	82,536	74,597	56,214	48,222	75,151	805,547	794,526
	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	65,611	48,638	51,308	741,952	744,119
Projected	2019	57,291	41,263	45,762	50,964	61,443	68,463	72,880	72,687	64,801	56,120	48,482	51,460	691,616	701,112
	2020	57,389	41,414	45,948	51,577	62,203	69,303	73,767	73,564	65,591	57,391	49,608	52,673	700,430	696,819
	2021	58,710	43,076	47,841	53,361	64,381	71,630	76,207	75,948	67,756	58,726	50,797	53,966	722,400	718,583
	2022	60,110	43,343	48,130	53,675	64,751	72,040	76,639	76,371	68,125	59,038	51,057	54,235	727,514	726,673
	2023	60,403	43,550	48,351	53,914	65,029	72,342	76,951	76,672	68,383	59,253	51,236	54,418	730,501	729,925
	2024	60,612	43,705	48,529	54,117	65,280	72,631	77,269	76,997	68,681	59,518	51,467	54,669	733,476	732,729
	2025	60,892	43,907	48,751	54,363	65,575	72,963	77,624	77,353	68,998	59,792	51,702	54,918	736,837	736,080
	2026	61,170	44,109	48,973	54,609	65,870	73,297	77,983	77,712	69,316	60,067	51,936	55,165	740,205	739,448
	2027	61,442	44,303	49,183	54,838	66,140	73,597	78,299	78,023	69,588	60,298	52,130	55,367	743,208	742,582
	2028	61,668	44,466	49,363	55,038	66,381	73,868	78,589	78,313	69,846	60,522	52,321	55,571	745,945	745,325
Projected	2029	61,892	44,626	49,538	55,230	66,609	74,121	78,856	78,576	70,078	60,721	52,490	55,748	748,486	747,941
	2030	62,096	44,778	49,711	55,427	66,852	74,402	79,166	78,894	70,368	60,978	52,714	55,991	751,377	750,654
	2031	62,371	44,980	49,936	55,681	67,161	74,757	79,555	79,290	70,726	61,291	52,984	56,280	755,012	754,139
	2032	62,694	45,214	50,191	55,961	67,495	75,136	79,961	79,696	71,085	61,600	53,245	56,555	758,834	757,990
	2033	63,002	45,437	50,437	56,233	67,822	75,507	80,363	80,100	71,445	61,911	53,508	56,834	762,599	761,746
	2034	63,310	45,657	50,675	56,492	68,128	75,849	80,726	80,458	71,757	62,176	53,730	57,064	766,023	765,305
	2035	63,571	45,849	50,889	56,731	68,418	76,183	81,090	80,828	72,090	62,468	53,980	57,333	769,430	768,619
	2036	63,871	46,066	51,126	56,992	68,728	76,534	81,467	81,205	72,424	62,754	54,222	57,587	772,974	772,192
	2037	64,142	46,253	51,321	57,196	68,960	76,780	81,713	81,433	72,612	62,904	54,339	57,701	775,353	774,971
	2038	64,272	46,349	51,430	57,321	69,114	76,956	81,905	81,629	72,791	63,063	54,479	57,852	777,162	776,712

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.2%	7.3%	6.7%	6.8%	8.5%	10.1%	10.2%	10.3%	9.6%	8.4%	6.4%	7.4%	100.0%
	2010	9.4%	7.6%	6.6%	6.1%	8.5%	9.7%	10.4%	10.2%	9.3%	7.0%	6.0%	9.3%	100.0%
	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%	6.7%	6.5%	8.4%	9.5%	10.0%	10.3%	10.5%	8.8%	6.6%	6.9%	100.0%
Projected	2019	8.3%	6.0%	6.6%	7.4%	8.9%	9.9%	10.5%	10.5%	9.4%	8.1%	7.0%	7.4%	100.0%
	2020	8.2%	5.9%	6.6%	7.4%	8.9%	9.9%	10.5%	10.5%	9.4%	8.2%	7.1%	7.5%	100.0%
	2021	8.1%	6.0%	6.6%	7.4%	8.9%	9.9%	10.5%	10.5%	9.4%	8.1%	7.0%	7.5%	100.0%
	2022	8.3%	6.0%	6.6%	7.4%	8.9%	9.9%	10.5%	10.5%	9.4%	8.1%	7.0%	7.5%	100.0%
	2023	8.3%	6.0%	6.6%	7.4%	8.9%	9.9%	10.5%	10.5%	9.4%	8.1%	7.0%	7.4%	100.0%
	2024	8.3%	6.0%	6.6%	7.4%	8.9%	9.9%	10.5%	10.5%	9.4%	8.1%	7.0%	7.5%	100.0%
	2025	8.3%	6.0%	6.6%	7.4%	8.9%	9.9%	10.5%	10.5%	9.4%	8.1%	7.0%	7.5%	100.0%
	2026	8.3%	6.0%	6.6%	7.4%	8.9%	9.9%	10.5%	10.5%	9.4%	8.1%	7.0%	7.5%	100.0%
	2027	8.3%	6.0%	6.6%	7.4%	8.9%	9.9%	10.5%	10.5%	9.4%	8.1%	7.0%	7.4%	100.0%
	2028	8.3%	6.0%	6.6%	7.4%	8.9%	9.9%	10.5%	10.5%	9.4%	8.1%	7.0%	7.4%	100.0%
Avg.	2009-2018	8.4%	6.8%	6.9%	7.0%	8.7%	9.7%	10.6%	10.5%	9.5%	8.0%	6.6%	7.4%	100.0%
	2019-2028	8.2%	6.0%	6.6%	7.4%	8.9%	9.9%	10.5%	10.5%	9.4%	8.1%	7.0%	7.5%	100.0%

	1	2	3	4	5	6	7	8	9	10	11	12

FMPA 2019 Load Forecast - Mild Weather Case

Jacksonville Beach

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	208.2	212.6	143.7	113.2	141.9	173.1	170.4	163.3	150.3	149.7	113.7	131.1	212.6	173.1
	2010	222.6	170.6	142.9	105.3	147.8	168.5	172.6	163.7	159.5	126.3	105.4	208.7	222.6	172.6
	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	130.5	108.5	117.9	213.8	166.3
Projected	2019	178.5	152.3	99.0	110.6	132.9	146.9	156.6	151.6	142.7	122.9	109.8	119.4	178.5	156.6
	2020	180.8	154.2	100.2	112.0	134.6	148.7	158.6	153.5	144.6	124.5	113.3	123.2	180.8	158.6
	2021	186.5	159.1	103.4	115.5	138.8	153.4	163.6	158.3	149.1	128.4	114.1	124.1	186.5	163.6
	2022	187.8	160.2	104.1	116.3	139.8	154.5	164.8	159.5	150.1	129.3	114.5	124.6	187.8	164.8
	2023	188.6	160.9	104.6	116.8	140.4	155.1	165.4	160.1	150.8	129.8	115.0	125.1	188.6	165.4
	2024	189.3	161.5	105.0	117.2	140.9	155.8	166.1	160.8	151.4	130.4	115.5	125.7	189.3	166.1
	2025	190.2	162.3	105.5	117.8	141.6	156.5	166.9	161.5	152.1	131.0	116.1	126.2	190.2	166.9
	2026	191.1	163.0	105.9	118.3	142.2	157.2	167.6	162.2	152.8	131.6	116.5	126.7	191.1	167.6
	2027	191.8	163.7	106.4	118.8	142.8	157.8	168.3	162.9	153.4	132.1	117.0	127.2	191.8	168.3
	2028	192.6	164.3	106.8	119.2	143.3	158.4	168.9	163.5	153.9	132.6	117.4	127.6	192.6	168.9
Projected	2029	193.2	164.8	107.1	119.6	143.8	158.9	169.5	164.1	154.5	133.0	117.8	128.1	193.2	169.5
	2030	194.0	165.5	107.5	120.1	144.4	159.6	170.2	164.7	155.1	133.6	118.4	128.7	194.0	170.2
	2031	194.9	166.3	108.1	120.7	145.1	160.3	171.0	165.5	155.8	134.2	119.0	129.4	194.9	171.0
	2032	195.9	167.1	108.6	121.3	145.8	161.1	171.9	166.3	156.6	134.9	119.6	130.0	195.9	171.9
	2033	196.9	167.9	109.1	121.9	146.5	161.9	172.7	167.1	157.4	135.5	120.1	130.6	196.9	172.7
	2034	197.7	168.7	109.6	122.4	147.2	162.7	173.5	167.9	158.1	136.2	120.7	131.2	197.7	173.5
	2035	198.6	169.4	110.1	123.0	147.9	163.4	174.3	168.6	158.8	136.8	121.2	131.8	198.6	174.3
	2036	199.5	170.2	110.6	123.6	148.5	164.1	175.1	169.4	159.5	137.4	121.6	132.2	199.5	175.1
	2037	200.1	170.7	111.0	123.9	149.0	164.6	175.6	169.9	160.0	137.8	121.9	132.5	200.1	175.6
	2038	200.6	171.1	111.2	124.2	149.3	165.0	176.0	170.3	160.4	138.1	122.2	132.9	200.6	176.0

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	40.3%	38.5%	47.7%	61.4%	67.8%	59.8%	63.1%	64.0%	67.2%	57.1%	57.3%	59.8%	40.7%	50.0%
	2010	45.5%	53.6%	50.0%	62.3%	68.9%	62.3%	67.2%	67.8%	65.0%	59.8%	61.5%	50.0%	41.3%	53.3%
	2011	45.3%	52.8%	65.7%	60.3%	67.9%	63.5%	67.3%	65.3%	62.2%	62.0%	63.5%	68.0%	40.9%	49.5%
	2012	43.2%	40.6%	67.1%	58.5%	69.7%	53.9%	70.2%	64.5%	64.5%	61.9%	57.6%	56.2%	48.5%	48.8%
	2013	55.0%	42.3%	45.0%	60.4%	65.4%	60.8%	69.2%	67.5%	63.1%	58.4%	55.6%	62.8%	48.4%	51.6%
	2014	48.1%	48.8%	60.3%	57.7%	63.4%	61.1%	64.1%	62.6%	58.7%	57.8%	42.7%	58.1%	43.5%	50.3%
	2015	52.8%	42.2%	63.7%	55.4%	66.1%	61.7%	66.1%	64.7%	62.5%	60.6%	58.0%	67.1%	43.4%	51.2%
	2016	47.5%	45.8%	59.0%	54.9%	70.4%	61.2%	67.7%	65.5%	65.4%	56.8%	59.5%	62.0%	50.0%	48.2%
	2017	45.8%	69.0%	52.4%	56.3%	64.7%	60.0%	68.6%	65.5%	62.6%	59.5%	64.5%	51.3%	54.3%	51.5%
	2018	44.9%	57.7%	54.2%	61.7%	68.4%	58.0%	65.0%	65.1%	65.3%	67.6%	60.3%	60.4%	39.6%	50.9%
Projected	2019	43.1%	40.3%	62.1%	62.0%	68.8%	62.7%	64.6%	64.4%	63.1%	61.4%	59.3%	59.8%	44.2%	50.4%
	2020	42.7%	38.6%	61.6%	61.9%	68.8%	62.6%	64.6%	64.4%	63.0%	62.0%	58.9%	59.4%	44.2%	50.4%
	2021	42.3%	40.3%	62.2%	62.1%	69.0%	62.8%	64.7%	64.5%	63.1%	61.5%	59.8%	60.4%	44.2%	50.4%
	2022	43.0%	40.3%	62.1%	62.0%	68.9%	62.7%	64.6%	64.4%	63.0%	61.4%	59.9%	60.5%	44.2%	50.4%
	2023	43.1%	40.3%	62.2%	62.1%	68.9%	62.7%	64.6%	64.4%	63.0%	61.3%	59.9%	60.4%	44.2%	50.4%
	2024	43.0%	38.9%	62.1%	62.0%	68.9%	62.7%	64.6%	64.4%	63.0%	61.4%	59.9%	60.4%	44.2%	50.4%
	2025	43.0%	40.3%	62.1%	62.0%	68.9%	62.7%	64.6%	64.4%	63.0%	61.4%	59.9%	60.4%	44.2%	50.4%
	2026	43.0%	40.3%	62.1%	62.0%	68.9%	62.7%	64.6%	64.4%	63.0%	61.4%	59.9%	60.5%	44.2%	50.4%
	2027	43.0%	40.3%	62.1%	62.0%	68.9%	62.7%	64.6%	64.4%	63.0%	61.4%	59.9%	60.5%	44.2%	50.4%
	2028	43.0%	38.9%	62.1%	62.0%	68.9%	62.7%	64.6%	64.4%	63.0%	61.4%	59.9%	60.5%	44.2%	50.4%
Avg.	2009-2018	46.8%	49.1%	56.5%	58.9%	67.3%	60.2%	66.9%	65.2%	63.6%	60.1%	58.0%	59.6%	45.1%	50.5%
	2019-2028	42.9%	39.8%	62.1%	62.0%	68.9%	62.7%	64.6%	64.4%	63.0%	61.4%	59.7%	60.3%	44.2%	50.4%

FMPA 2019 Load Forecast - Mild Weather Case

Jacksonville Beach

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	208.2	202.3	143.7	112.6	137.9	166.0	162.8	163.3	149.8	141.9	90.5	131.1	202.3	166.0
	2010	222.6	170.6	142.7	95.9	132.0	164.2	168.5	163.7	153.5	126.3	92.5	208.7	222.6	164.2
	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	124.9	100.9	112.5	213.8	158.4
Projected	2019	171.5	149.4	92.5	105.3	128.4	139.8	151.1	147.6	133.6	117.7	102.2	113.9	171.5	147.6
	2020	173.7	151.3	93.7	106.7	130.0	141.6	153.1	149.5	135.3	119.2	105.4	117.5	173.7	149.5
	2021	179.2	156.1	96.6	110.0	134.1	146.0	157.9	154.1	139.6	122.9	106.1	118.3	179.2	154.1
	2022	180.4	157.2	97.3	110.8	135.1	147.0	159.0	155.2	140.6	123.8	106.6	118.8	180.4	155.2
	2023	181.2	157.8	97.7	111.3	135.6	147.6	159.6	155.9	141.1	124.3	107.0	119.3	181.2	155.9
	2024	181.9	158.4	98.1	111.7	136.2	148.2	160.3	156.5	141.7	124.8	107.5	119.9	181.9	156.5
	2025	182.8	159.2	98.6	112.2	136.8	148.9	161.0	157.2	142.4	125.3	108.0	120.4	182.8	157.2
	2026	183.6	159.9	99.0	112.7	137.4	149.6	161.8	157.9	143.0	125.9	108.4	120.9	183.6	157.9
	2027	184.3	160.5	99.4	113.2	138.0	150.2	162.4	158.6	143.6	126.4	108.8	121.3	184.3	158.6
	2028	185.0	161.1	99.8	113.6	138.5	150.7	163.0	159.2	144.1	126.9	109.2	121.7	185.0	159.2
Projected	2029	185.6	161.7	100.1	114.0	138.9	151.3	163.6	159.7	144.6	127.3	109.6	122.2	185.6	159.7
	2030	186.4	162.3	100.5	114.4	139.5	151.8	164.2	160.3	145.2	127.8	110.2	122.8	186.4	160.3
	2031	187.3	163.1	101.0	115.0	140.2	152.6	165.0	161.1	145.9	128.4	110.7	123.4	187.3	161.1
	2032	188.2	163.9	101.5	115.6	140.9	153.4	165.8	161.9	146.6	129.1	111.3	124.0	188.2	161.9
	2033	189.2	164.7	102.0	116.1	141.6	154.1	166.7	162.7	147.3	129.7	111.8	124.6	189.2	162.7
	2034	190.0	165.5	102.5	116.7	142.2	154.8	167.4	163.5	148.0	130.3	112.3	125.2	190.0	163.5
	2035	190.8	166.2	102.9	117.2	142.8	155.5	168.1	164.2	148.7	130.9	112.8	125.7	190.8	164.2
	2036	191.7	167.0	103.4	117.7	143.5	156.2	168.9	164.9	149.3	131.5	113.1	126.1	191.7	164.9
	2037	192.3	167.5	103.7	118.1	143.9	156.7	169.4	165.4	149.8	131.9	113.4	126.4	192.3	165.4
	2038	192.8	167.9	104.0	118.4	144.3	157.1	169.8	165.8	150.2	132.2	113.7	126.8	192.8	165.8

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	100.0%	95.1%	100.0%	99.4%	97.1%	95.9%	95.5%	100.0%	99.7%	94.8%	79.6%	100.0%	95.1%	95.9%
	2010	100.0%	100.0%	99.8%	91.1%	89.3%	97.4%	97.6%	100.0%	96.2%	100.0%	87.7%	100.0%	100.0%	95.1%
	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%	95.7%	93.0%	95.4%	100.0%	95.3%
Projected	2019	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2020	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2021	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2022	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2023	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2024	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2025	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2026	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2027	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2028	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2009-2018	96.1%	97.5%	93.2%	94.7%	96.0%	94.6%	95.9%	97.1%	92.9%	94.3%	91.1%	94.7%	91.4%	94.5%
	2019-2028	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%

FMPA 2019 Load Forecast - Mild Weather Case - Beaches Energy

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	440,988		28,252		15,609		81,848		4,125		19.8		183,331		369		497		8,594		3,979		718,740		37,966	5.0%	756,706	
	2010	479,184	8.7%	28,539	1.0%	16,791	7.6%	87,401	6.8%	4,105	-0.5%	21.3	7.3%	186,428	1.7%	370	0.3%	503	1.4%	8,036	-6.5%	4,054	1.9%	765,105	6.5%	29,421	3.7%	794,526	5.0%
	2011	456,496	-4.7%	28,326	-0.7%	16,116	-4.0%	86,639	-0.9%	4,075	-0.7%	21.3	-0.1%	185,575	-0.5%	364	-1.6%	509	1.2%	8,002	-0.4%	4,111	1.4%	740,822	-3.2%	33,428	4.3%	774,250	-2.6%
	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%	173,296	-2.0%	343	2.5%	505	-4.4%	8,070	1.5%	4,159	-0.2%	708,825	1.6%	35,294	4.7%	744,119	3.2%
Projected	2019	412,431	-6.3%	30,162	0.4%	13,674	-6.6%	78,431	-5.9%	4,385	0.8%	17.9	-6.7%	173,802	0.3%	346	0.7%	503	-0.4%	8,151	1.0%	4,159	0.0%	676,973	-4.5%	24,139	3.4%	701,112	-5.8%
	2020	406,789	-1.4%	30,281	0.4%	13,434	-1.8%	77,897	-0.7%	4,431	1.1%	17.6	-1.7%	174,019	0.1%	351	1.5%	496	-1.4%	8,176	0.3%	4,159	0.0%	671,038	-0.9%	25,781	3.7%	696,819	-0.6%
	2021	409,539	0.7%	30,393	0.4%	13,475	0.3%	77,901	0.0%	4,464	0.8%	17.4	-0.7%	192,143	10.4%	355	1.2%	541	9.1%	8,207	0.4%	4,159	0.0%	691,949	3.1%	26,634	3.7%	718,583	3.1%
	2022	412,668	0.8%	30,505	0.4%	13,528	0.4%	77,901	0.0%	4,496	0.7%	17.3	-0.7%	196,942	2.5%	359	1.0%	549	1.5%	8,239	0.4%	4,159	0.0%	699,908	1.2%	26,765	3.7%	726,673	1.1%
	2023	414,850	0.5%	30,607	0.3%	13,554	0.2%	77,901	0.0%	4,526	0.7%	17.2	-0.7%	197,876	0.5%	362	0.8%	547	-0.4%	8,270	0.4%	4,159	0.0%	703,055	0.4%	26,869	3.7%	729,925	0.4%
	2024	416,618	0.4%	30,702	0.3%	13,570	0.1%	77,901	0.0%	4,553	0.6%	17.1	-0.6%	198,775	0.5%	364	0.7%	546	-0.2%	8,300	0.4%	4,159	0.0%	705,752	0.4%	26,977	3.7%	732,729	0.4%
	2025	418,955	0.6%	30,791	0.3%	13,607	0.3%	77,901	0.0%	4,579	0.6%	17.0	-0.6%	199,636	0.4%	367	0.6%	545	-0.2%	8,328	0.3%	4,159	0.0%	708,979	0.5%	27,101	3.7%	736,080	0.5%
	2026	421,346	0.6%	30,872	0.3%	13,648	0.3%	77,901	0.0%	4,603	0.5%	16.9	-0.5%	200,463	0.4%	369	0.5%	544	-0.1%	8,356	0.3%	4,159	0.0%	712,224	0.5%	27,223	3.7%	739,448	0.5%
	2027	423,575	0.5%	30,943	0.2%	13,689	0.3%	77,901	0.0%	4,625	0.5%	16.8	-0.5%	201,235	0.4%	370	0.5%	543	-0.1%	8,381	0.3%	4,159	0.0%	715,250	0.4%	27,331	3.7%	742,582	0.4%
	2028	425,431	0.4%	31,017	0.2%	13,716	0.2%	77,901	0.0%	4,647	0.5%	16.8	-0.5%	201,999	0.4%	372	0.4%	543	-0.1%	8,406	0.3%	4,159	0.0%	717,896	0.4%	27,429	3.7%	745,325	0.4%
	2029	427,162	0.4%	31,093	0.2%	13,738	0.2%	77,901	0.0%	4,668	0.5%	16.7	-0.4%	202,766	0.4%	373	0.4%	543	0.0%	8,432	0.3%	4,159	0.0%	720,420	0.4%	27,521	3.7%	747,941	0.4%
	2030	428,992	0.4%	31,166	0.2%	13,765	0.2%	77,901	0.0%	4,688	0.4%	16.6	-0.4%	203,518	0.4%	375	0.4%	543	0.0%	8,456	0.3%	4,159	0.0%	723,026	0.4%	27,628	3.7%	750,654	0.4%
	2031	431,589	0.6%	31,236	0.2%	13,817	0.4%	77,901	0.0%	4,707	0.4%	16.6	-0.4%	204,249	0.4%	376	0.4%	543	0.0%	8,480	0.3%	4,159	0.0%	726,377	0.5%	27,762	3.7%	754,139	0.5%
	2032	434,535	0.7%	31,306	0.2%	13,880	0.5%	77,901	0.0%	4,726	0.4%	16.5	-0.4%	204,989	0.4%	378	0.4%	543	0.0%	8,505	0.3%	4,159	0.0%	730,088	0.5%	27,902	3.7%	757,990	0.5%
	2033	437,422	0.7%	31,375	0.2%	13,942	0.4%	77,901	0.0%	4,744	0.4%	16.4	-0.4%	205,699	0.3%	379	0.3%	543	0.0%	8,528	0.3%	4,159	0.0%	733,709	0.5%	28,037	3.7%	761,746	0.5%
	2034	440,142	0.6%	31,444	0.2%	13,998	0.4%	77,901	0.0%	4,761	0.4%	16.4	-0.4%	206,393	0.3%	380	0.3%	543	0.0%	8,550	0.3%	4,159	0.0%	737,145	0.5%	28,160	3.7%	765,305	0.5%
	2035	442,621	0.6%	31,509	0.2%	14,047	0.4%	77,901	0.0%	4,778	0.4%	16.3	-0.3%	207,083	0.3%	382	0.3%	543	0.0%	8,573	0.3%	4,159	0.0%	740,337	0.4%	28,282	3.7%	768,619	0.4%
	2036	445,355	0.6%	31,575	0.2%	14,105	0.4%	77,901	0.0%	4,794	0.3%	16.3	-0.3%	207,771	0.3%	383	0.3%	543	0.0%	8,595	0.3%	4,159	0.0%	743,781	0.5%	28,412	3.7%	772,192	0.5%
	2037	447,374	0.5%	31,639	0.2%	14,140	0.3%	77,901	0.0%	4,809	0.3%	16.2	-0.3%	208,427	0.3%	384	0.3%	543	0.0%	8,617	0.2%	4,159	0.0%	746,477	0.4%	28,494	3.7%	774,971	0.4%
	2038	448,408	0.2%	31,702	0.2%	14,144	0.0%	77,901	0.0%	4,823	0.3%	16.2	-0.3%	209,051	0.3%	385	0.3%	543	0.0%	8,637	0.2%	4,159	0.0%	748,155	0.2%	28,557	3.7%	776,712	0.2%
CAGR	2009-2018		0.0%		0.7%		-0.7%		0.2%		0.6%		-0.4%		-0.6%		-0.8%		0.2%		-0.7%		0.5%		-0.2%		3.9%		-0.2%
	2019-2028		0.3%		0.3%		0.0%		-0.1%		0.6%		-0.7%		1.7%		0.8%		0.9%		0.3%		0.0%		0.7%		3.7%		0.7%
	2029-2038		0.5%		0.2%		0.3%		0.0%		0.4%		-0.4%		0.3%		0.3%		0.0%		0.3%		0.0%		0.4%		3.7%		0.4%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - Severe Weather Case

Jacksonville Beach

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

	Year	Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		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	2009	756,706	-	752,905	-	-0.5%	202.3	-	193.0	-	-4.6%	166.0	-	176.2		6.2%
	2010	794,526	5.0%	757,597	0.6%	-4.6%	222.6	10.0%	180.2	-6.7%	-19.0%	164.2	-1.1%	158.5	-10.1%	-3.5%
	2011	774,250	-2.6%	746,265	-1.5%	-3.6%	208.7	-6.2%	210.4	16.7%	0.8%	163.4	-0.5%	146.4	-7.7%	-10.4%
	2012	718,167	-7.2%	747,275	0.1%	4.1%	171.1	-18.0%	178.4	-15.2%	4.3%	153.1	-6.3%	156.4	6.8%	2.2%
	2013	716,333	-0.3%	732,844	-1.9%	2.3%	161.5	-5.6%	171.9	-3.7%	6.4%	149.9	-2.1%	155.4	-0.6%	3.7%
	2014	730,250	1.9%	731,580	-0.2%	0.2%	166.4	3.1%	185.9	8.2%	11.7%	158.1	5.5%	163.3	5.1%	3.3%
	2015	738,958	1.2%	732,019	0.1%	-0.9%	195.1	17.3%	185.9	0.0%	-4.8%	151.0	-4.5%	176.6	8.2%	16.9%
	2016	757,330	2.5%	736,956	0.7%	-2.7%	120.2	-38.4%	185.9	0.0%	54.6%	173.5	14.9%	161.9	-8.3%	-6.7%
	2017	721,030	-4.8%	723,069	-1.9%	0.3%	101.6	-15.5%	127.1	-31.6%	25.2%	154.7	-10.8%	171.0	5.6%	10.5%
	2018	744,119	3.2%	717,713	-0.7%	-3.5%	213.8	110.5%	218.5	71.9%	2.2%	158.4	2.4%	155.3	-9.2%	-2.0%
Projected	2019	771,159	3.6%	771,159	7.4%		190.2	-11.0%	190.2	-12.9%		163.6	3.3%	163.6	5.4%	
	2020			772,518	0.2%				192.5	1.2%				165.6	1.2%	
	2021			794,750	2.9%				198.0	2.9%				170.4	2.9%	
	2022			803,379	1.1%				199.4	0.7%				171.6	0.7%	
	2023			807,011	0.5%				200.3	0.4%				172.3	0.4%	
	2024			810,121	0.4%				201.1	0.4%				173.0	0.4%	
	2025			813,876	0.5%				202.0	0.5%				173.8	0.5%	
	2026			817,653	0.5%				203.0	0.5%				174.6	0.5%	
	2027			821,171	0.4%				203.8	0.4%				175.3	0.4%	
	2028			824,235	0.4%				204.6	0.4%				176.0	0.4%	
	2029			827,154	0.4%				205.3	0.3%				176.6	0.3%	
	2030			830,180	0.4%				206.1	0.4%				177.3	0.4%	
	2031			834,107	0.5%				207.1	0.5%				178.1	0.5%	
	2032			838,457	0.5%				208.1	0.5%				179.1	0.5%	
	2033			842,701	0.5%				209.2	0.5%				180.0	0.5%	
	2034			846,722	0.5%				210.2	0.5%				180.8	0.5%	
	2035			850,455	0.4%				211.1	0.5%				181.6	0.5%	
	2036			854,492	0.5%				212.1	0.5%				182.5	0.5%	
	2037			857,622	0.4%				212.8	0.3%				183.0	0.3%	
	2038			859,541	0.2%				213.3	0.2%				183.5	0.2%	
CAGR [3]	2009-2018		-0.2%		-0.5%			0.6%		1.4%			-0.5%		-1.4%	
	2019-2028				0.7%					0.8%					0.8%	
	2029-2038				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 2019 Load Forecast - Severe Weather Case

Jacksonville Beach

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

	Year	Net Energy for Load (FY)					Non-Coincident Peak Demand					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2009	756,706	-	752,905	-	-0.5%	212.6	-	40.6%	173.1	-	49.9%
	2010	794,526	5.0%	757,597	0.6%	-4.6%	222.6	4.7%	40.7%	172.6	-0.3%	52.5%
	2011	774,250	-2.6%	746,265	-1.5%	-3.6%	208.7	-6.2%	42.4%	172.2	-0.3%	51.3%
	2012	718,167	-7.2%	747,275	0.1%	4.1%	171.1	-18.0%	47.9%	170.3	-1.1%	48.1%
	2013	716,333	-0.3%	732,844	-1.9%	2.3%	168.2	-1.7%	48.6%	157.9	-7.3%	51.8%
	2014	730,250	1.9%	731,580	-0.2%	0.2%	192.1	14.2%	43.4%	166.4	5.3%	50.1%
	2015	738,958	1.2%	732,019	0.1%	-0.9%	195.1	1.6%	43.2%	165.1	-0.8%	51.1%
	2016	757,330	2.5%	736,956	0.7%	-2.7%	171.8	-11.9%	50.3%	178.0	7.9%	48.6%
	2017	721,030	-4.8%	723,069	-1.9%	0.3%	153.8	-10.5%	53.5%	162.1	-8.9%	50.8%
	2018	744,119	3.2%	717,713	-0.7%	-3.5%	213.8	39.0%	39.7%	166.3	2.6%	51.1%
Projected	2019	771,159	3.6%	771,159	7.4%		197.9	-7.4%	44.5%	173.7	4.4%	50.7%
	2020	772,518	0.2%	772,518	0.2%		200.3	1.2%	44.0%	175.8	1.2%	50.2%
	2021	794,750	2.9%	794,750	2.9%		206.1	2.9%	44.0%	180.8	2.9%	50.2%
	2022	803,379	1.1%	803,379	1.1%		207.6	0.7%	44.2%	182.1	0.7%	50.4%
	2023	807,011	0.5%	807,011	0.5%		208.4	0.4%	44.2%	182.9	0.4%	50.4%
	2024	810,121	0.4%	810,121	0.4%		209.3	0.4%	44.2%	183.6	0.4%	50.4%
	2025	813,876	0.5%	813,876	0.5%		210.2	0.5%	44.2%	184.5	0.5%	50.4%
	2026	817,653	0.5%	817,653	0.5%		211.2	0.5%	44.2%	185.3	0.5%	50.4%
	2027	821,171	0.4%	821,171	0.4%		212.1	0.4%	44.2%	186.1	0.4%	50.4%
	2028	824,235	0.4%	824,235	0.4%		212.9	0.4%	44.2%	186.8	0.4%	50.4%
	2029	827,154	0.4%	827,154	0.4%		213.6	0.3%	44.2%	187.4	0.3%	50.4%
	2030	830,180	0.4%	830,180	0.4%		214.4	0.4%	44.2%	188.2	0.4%	50.4%
	2031	834,107	0.5%	834,107	0.5%		215.5	0.5%	44.2%	189.1	0.5%	50.4%
	2032	838,457	0.5%	838,457	0.5%		216.6	0.5%	44.2%	190.1	0.5%	50.4%
	2033	842,701	0.5%	842,701	0.5%		217.7	0.5%	44.2%	191.0	0.5%	50.4%
	2034	846,722	0.5%	846,722	0.5%		218.7	0.5%	44.2%	191.9	0.5%	50.4%
	2035	850,455	0.4%	850,455	0.4%		219.7	0.5%	44.2%	192.8	0.5%	50.4%
	2036	854,492	0.5%	854,492	0.5%		220.7	0.5%	44.2%	193.7	0.5%	50.4%
	2037	857,622	0.4%	857,622	0.4%		221.4	0.3%	44.2%	194.3	0.3%	50.4%
	2038	859,541	0.2%	859,541	0.2%		221.9	0.2%	44.2%	194.7	0.2%	50.4%
CAGR [1]	2009-2018		-0.2%		-0.5%			0.1%	45.0%		-0.4%	50.5%
	2019-2028		0.7%		0.7%			0.8%	44.2%		0.8%	50.4%
	2029-2038		0.4%		0.4%			0.4%	44.2%		0.4%	50.4%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Severe Weather Case

Jacksonville Beach

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	62,457	55,025	51,034	51,714	64,670	76,959	77,418	77,754	72,726	63,608	48,527	56,430	758,323	756,706
	2010	75,365	61,496	53,174	48,767	68,394	78,099	83,532	82,536	74,597	56,214	48,222	75,151	805,547	794,526
	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	65,611	48,638	52,877	743,521	744,119
Projected	2019	72,663	55,183	55,075	50,964	61,443	69,915	82,017	83,096	73,678	61,388	48,482	53,039	766,941	771,159
	2020	72,841	55,409	55,315	51,577	62,203	70,762	82,953	84,031	74,517	62,688	49,608	54,262	776,167	772,518
	2021	74,253	57,156	57,265	53,361	64,381	73,098	85,451	86,483	76,742	64,060	50,797	55,567	798,615	794,750
	2022	75,776	57,533	57,626	53,675	64,751	73,517	85,941	86,971	77,165	64,403	51,057	55,845	804,261	803,379
	2023	76,158	57,816	57,897	53,914	65,029	73,826	86,293	87,315	77,458	64,638	51,236	56,033	807,613	807,011
	2024	76,421	58,024	58,111	54,117	65,280	74,121	86,651	87,689	77,798	64,929	51,467	56,292	810,902	810,121
	2025	76,787	58,303	58,384	54,363	65,575	74,461	87,055	88,099	78,161	65,230	51,702	56,549	814,668	813,876
	2026	77,150	58,583	58,659	54,609	65,870	74,802	87,461	88,513	78,527	65,534	51,936	56,806	818,447	817,653
	2027	77,509	58,854	58,919	54,838	66,140	75,109	87,819	88,871	78,838	65,787	52,130	57,014	821,827	821,171
	2028	77,800	59,077	59,140	55,038	66,381	75,385	88,147	89,204	79,133	66,033	52,321	57,224	824,883	824,235
Projected	2029	78,091	59,297	59,353	55,230	66,609	75,644	88,449	89,505	79,397	66,251	52,490	57,407	827,723	827,154
	2030	78,352	59,503	59,564	55,427	66,852	75,931	88,799	89,872	79,730	66,534	52,714	57,658	830,938	830,180
	2031	78,716	59,788	59,846	55,681	67,161	76,295	89,242	90,330	80,142	66,880	52,984	57,958	835,022	834,107
	2032	79,148	60,119	60,167	55,961	67,495	76,683	89,705	90,801	80,556	67,221	53,245	58,243	839,344	838,457
	2033	79,559	60,437	60,476	56,233	67,822	77,063	90,163	91,270	80,970	67,563	53,508	58,532	843,597	842,701
	2034	79,971	60,751	60,775	56,492	68,128	77,413	90,576	91,683	81,329	67,856	53,730	58,771	847,475	846,722
	2035	80,317	61,021	61,042	56,731	68,418	77,755	90,990	92,112	81,713	68,178	53,980	59,050	851,306	850,455
	2036	80,717	61,328	61,339	56,992	68,728	78,114	91,420	92,549	82,097	68,494	54,222	59,313	855,313	854,492
	2037	81,078	61,592	61,582	57,196	68,960	78,366	91,698	92,811	82,311	68,657	54,339	59,430	858,020	857,622
	2038	81,239	61,718	61,712	57,321	69,114	78,545	91,915	93,035	82,515	68,832	54,479	59,586	860,011	859,541

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.2%	7.3%	6.7%	6.8%	8.5%	10.1%	10.2%	10.3%	9.6%	8.4%	6.4%	7.4%	100.0%
	2010	9.4%	7.6%	6.6%	6.1%	8.5%	9.7%	10.4%	10.2%	9.3%	7.0%	6.0%	9.3%	100.0%
	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%	8.8%	6.5%	7.1%	100.0%
Projected	2019	9.5%	7.2%	7.2%	6.6%	8.0%	9.1%	10.7%	10.8%	9.6%	8.0%	6.3%	6.9%	100.0%
	2020	9.4%	7.1%	7.1%	6.6%	8.0%	9.1%	10.7%	10.8%	9.6%	8.1%	6.4%	7.0%	100.0%
	2021	9.3%	7.2%	7.2%	6.7%	8.1%	9.2%	10.7%	10.8%	9.6%	8.0%	6.4%	7.0%	100.0%
	2022	9.4%	7.2%	7.2%	6.7%	8.1%	9.1%	10.7%	10.8%	9.6%	8.0%	6.3%	6.9%	100.0%
	2023	9.4%	7.2%	7.2%	6.7%	8.1%	9.1%	10.7%	10.8%	9.6%	8.0%	6.3%	6.9%	100.0%
	2024	9.4%	7.2%	7.2%	6.7%	8.1%	9.1%	10.7%	10.8%	9.6%	8.0%	6.3%	6.9%	100.0%
	2025	9.4%	7.2%	7.2%	6.7%	8.0%	9.1%	10.7%	10.8%	9.6%	8.0%	6.3%	6.9%	100.0%
	2026	9.4%	7.2%	7.2%	6.7%	8.0%	9.1%	10.7%	10.8%	9.6%	8.0%	6.3%	6.9%	100.0%
	2027	9.4%	7.2%	7.2%	6.7%	8.0%	9.1%	10.7%	10.8%	9.6%	8.0%	6.3%	6.9%	100.0%
	2028	9.4%	7.2%	7.2%	6.7%	8.0%	9.1%	10.7%	10.8%	9.6%	8.0%	6.3%	6.9%	100.0%
Avg.	2009-2018	8.4%	6.8%	6.9%	7.0%	8.7%	9.7%	10.6%	10.5%	9.5%	8.0%	6.6%	7.4%	100.0%
	2019-2028	9.4%	7.2%	7.2%	6.7%	8.0%	9.1%	10.7%	10.8%	9.6%	8.0%	6.3%	6.9%	100.0%

	1	2	3	4	5	6	7	8	9	10	11	12

FMPA 2019 Load Forecast - Severe Weather Case

Jacksonville Beach

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	208.2	212.6	143.7	113.2	141.9	173.1	170.4	163.3	150.3	149.7	113.7	131.1	212.6	173.1
	2010	222.6	170.6	142.9	105.3	147.8	168.5	172.6	163.7	159.5	126.3	105.4	208.7	222.6	172.6
	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	130.5	120.2	130.8	213.8	166.3
Projected	2019	197.9	168.9	109.7	122.6	147.3	162.8	173.7	168.1	158.2	136.3	121.7	132.3	197.9	173.7
	2020	200.3	170.9	111.1	124.0	149.1	164.8	175.8	170.1	160.1	137.9	125.2	136.2	200.3	175.8
	2021	206.1	175.8	114.3	127.6	153.4	169.6	180.8	175.0	164.8	141.9	126.1	137.1	206.1	180.8
	2022	207.6	177.1	115.1	128.5	154.5	170.8	182.1	176.2	165.9	142.9	126.6	137.7	207.6	182.1
	2023	208.4	177.8	115.6	129.1	155.2	171.5	182.9	177.0	166.6	143.5	127.1	138.2	208.4	182.9
	2024	209.3	178.5	116.0	129.6	155.8	172.2	183.6	177.7	167.3	144.1	127.7	138.9	209.3	183.6
	2025	210.2	179.4	116.6	130.2	156.5	173.0	184.5	178.5	168.1	144.8	128.3	139.5	210.2	184.5
	2026	211.2	180.2	117.1	130.8	157.2	173.8	185.3	179.4	168.9	145.4	128.8	140.1	211.2	185.3
	2027	212.1	180.9	117.6	131.3	157.9	174.5	186.1	180.1	169.6	146.0	129.3	140.6	212.1	186.1
	2028	212.9	181.6	118.0	131.8	158.5	175.1	186.8	180.8	170.2	146.6	129.8	141.1	212.9	186.8
Projected	2029	213.6	182.2	118.4	132.3	159.0	175.7	187.4	181.4	170.8	147.1	130.3	141.7	213.6	187.4
	2030	214.4	182.9	118.9	132.8	159.6	176.4	188.2	182.1	171.4	147.7	130.9	142.4	214.4	188.2
	2031	215.5	183.8	119.5	133.4	160.4	177.3	189.1	183.0	172.3	148.4	131.6	143.1	215.5	189.1
	2032	216.6	184.8	120.1	134.1	161.3	178.2	190.1	183.9	173.2	149.2	132.3	143.8	216.6	190.1
	2033	217.7	185.7	120.7	134.8	162.1	179.1	191.0	184.9	174.1	149.9	132.9	144.5	217.7	191.0
	2034	218.7	186.6	121.3	135.4	162.8	179.9	191.9	185.7	174.9	150.6	133.5	145.1	218.7	191.9
	2035	219.7	187.4	121.8	136.1	163.6	180.7	192.8	186.6	175.7	151.3	134.1	145.8	219.7	192.8
	2036	220.7	188.3	122.4	136.7	164.3	181.6	193.7	187.4	176.5	152.0	134.5	146.3	220.7	193.7
	2037	221.4	188.9	122.8	137.1	164.8	182.2	194.3	188.0	177.0	152.5	134.8	146.6	221.4	194.3
	2038	221.9	189.3	123.1	137.4	165.2	182.6	194.7	188.5	177.4	152.8	135.2	147.1	221.9	194.7

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	40.3%	38.5%	47.7%	61.4%	67.8%	59.8%	63.1%	64.0%	67.2%	57.1%	57.3%	59.8%	40.7%	50.0%
	2010	45.5%	53.6%	50.0%	62.3%	68.9%	62.3%	67.2%	67.8%	65.0%	59.8%	61.5%	50.0%	41.3%	53.3%
	2011	45.3%	52.8%	65.7%	60.3%	67.9%	63.5%	67.3%	65.3%	62.2%	62.0%	63.5%	68.0%	40.9%	49.5%
	2012	43.2%	40.6%	67.1%	58.5%	69.7%	53.9%	70.2%	64.5%	64.5%	61.9%	57.6%	56.2%	48.5%	48.8%
	2013	55.0%	42.3%	45.0%	60.4%	65.4%	60.8%	69.2%	67.5%	63.1%	58.4%	55.6%	62.8%	48.4%	51.6%
	2014	48.1%	48.8%	60.3%	57.7%	63.4%	61.1%	64.1%	62.6%	58.7%	57.8%	42.7%	58.1%	43.5%	50.3%
	2015	52.8%	42.2%	63.7%	55.4%	66.1%	61.7%	66.1%	64.7%	62.5%	60.6%	58.0%	67.1%	43.4%	51.2%
	2016	47.5%	45.8%	59.0%	54.9%	70.4%	61.2%	67.7%	65.5%	65.4%	56.8%	59.5%	62.0%	50.0%	48.2%
	2017	45.8%	69.0%	52.4%	56.3%	64.7%	60.0%	68.6%	65.5%	62.6%	59.5%	64.5%	51.3%	54.3%	51.5%
	2018	44.9%	57.7%	54.2%	61.7%	68.4%	58.0%	65.0%	65.1%	65.3%	67.6%	54.4%	56.2%	39.7%	51.0%
Projected	2019	49.3%	48.6%	67.5%	55.9%	62.1%	57.7%	65.6%	66.5%	64.7%	60.5%	53.6%	55.7%	44.2%	50.4%
	2020	48.9%	46.6%	66.9%	55.9%	62.1%	57.7%	65.6%	66.4%	64.6%	61.1%	53.3%	55.4%	44.2%	50.4%
	2021	48.4%	48.4%	67.4%	56.2%	62.4%	57.9%	65.6%	66.4%	64.7%	60.7%	54.2%	56.3%	44.2%	50.4%
	2022	49.1%	48.4%	67.3%	56.1%	62.4%	57.9%	65.5%	66.3%	64.6%	60.6%	54.2%	56.3%	44.2%	50.4%
	2023	49.1%	48.4%	67.3%	56.1%	62.4%	57.9%	65.5%	66.3%	64.6%	60.5%	54.2%	56.3%	44.2%	50.4%
	2024	49.1%	46.7%	67.3%	56.1%	62.4%	57.9%	65.5%	66.3%	64.6%	60.6%	54.2%	56.3%	44.2%	50.4%
	2025	49.1%	48.4%	67.3%	56.1%	62.3%	57.9%	65.5%	66.3%	64.6%	60.6%	54.2%	56.3%	44.2%	50.4%
	2026	49.1%	48.4%	67.3%	56.1%	62.3%	57.9%	65.5%	66.3%	64.6%	60.6%	54.2%	56.3%	44.2%	50.4%
	2027	49.1%	48.4%	67.3%	56.1%	62.3%	57.9%	65.5%	66.3%	64.6%	60.5%	54.2%	56.3%	44.2%	50.4%
	2028	49.1%	46.7%	67.3%	56.1%	62.3%	57.9%	65.5%	66.3%	64.6%	60.5%	54.2%	56.3%	44.2%	50.4%
Avg.	2009-2018	46.8%	49.1%	56.5%	58.9%	67.3%	60.2%	66.9%	65.2%	63.6%	60.1%	57.4%	59.2%	45.1%	50.5%
	2019-2028	49.0%	47.9%	67.3%	56.1%	62.3%	57.8%	65.6%	66.4%	64.6%	60.6%	54.0%	56.1%	44.2%	50.4%

FMPA 2019 Load Forecast - Severe Weather Case

Jacksonville Beach

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	208.2	202.3	143.7	112.6	137.9	166.0	162.8	163.3	149.8	141.9	90.5	131.1	202.3	166.0
	2010	222.6	170.6	142.7	95.9	132.0	164.2	168.5	163.7	153.5	126.3	92.5	208.7	222.6	164.2
	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	124.9	111.9	124.7	213.8	158.4
Projected	2019	190.2	165.6	102.6	116.8	142.3	155.0	167.6	163.6	148.1	130.4	113.2	126.2	190.2	163.6
	2020	192.5	167.6	103.8	118.2	144.1	156.8	169.6	165.6	149.9	132.0	116.5	129.9	192.5	165.6
	2021	198.0	172.5	106.8	121.6	148.2	161.4	174.5	170.4	154.3	135.8	117.3	130.8	198.0	170.4
	2022	199.4	173.7	107.6	122.5	149.3	162.5	175.7	171.6	155.4	136.8	117.8	131.3	199.4	171.6
	2023	200.3	174.4	108.0	123.0	149.9	163.2	176.4	172.3	156.0	137.4	118.3	131.9	200.3	172.3
	2024	201.1	175.1	108.5	123.5	150.5	163.8	177.2	173.0	156.6	137.9	118.8	132.5	201.1	173.0
	2025	202.0	175.9	109.0	124.0	151.2	164.6	178.0	173.8	157.4	138.6	119.4	133.1	202.0	173.8
	2026	203.0	176.8	109.5	124.6	151.9	165.4	178.8	174.6	158.1	139.2	119.9	133.6	203.0	174.6
	2027	203.8	177.5	109.9	125.1	152.5	166.0	179.6	175.3	158.8	139.8	120.3	134.1	203.8	175.3
	2028	204.6	178.1	110.3	125.6	153.1	166.7	180.2	176.0	159.3	140.3	120.7	134.6	204.6	176.0
Projected	2029	205.3	178.8	110.7	126.0	153.6	167.2	180.8	176.6	159.9	140.8	121.2	135.1	205.3	176.6
	2030	206.1	179.5	111.1	126.5	154.2	167.9	181.5	177.3	160.5	141.3	121.8	135.8	206.1	177.3
	2031	207.1	180.3	111.7	127.1	155.0	168.7	182.4	178.1	161.3	142.0	122.4	136.5	207.1	178.1
	2032	208.1	181.3	112.3	127.8	155.8	169.6	183.4	179.1	162.1	142.8	123.1	137.2	208.1	179.1
	2033	209.2	182.2	112.8	128.5	156.6	170.4	184.3	180.0	163.0	143.5	123.6	137.8	209.2	180.0
	2034	210.2	183.0	113.4	129.0	157.3	171.2	185.2	180.8	163.7	144.1	124.2	138.4	210.2	180.8
	2035	211.1	183.9	113.9	129.6	158.0	172.0	186.0	181.6	164.4	144.8	124.8	139.1	211.1	181.6
	2036	212.1	184.7	114.4	130.2	158.7	172.8	186.9	182.5	165.2	145.5	125.2	139.5	212.1	182.5
	2037	212.8	185.3	114.8	130.7	159.2	173.4	187.5	183.0	165.7	145.9	125.4	139.9	212.8	183.0
	2038	213.3	185.7	115.0	131.0	159.6	173.8	187.9	183.5	166.1	146.3	125.8	140.3	213.3	183.5

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	100.0%	95.1%	100.0%	99.4%	97.1%	95.9%	95.5%	100.0%	99.7%	94.8%	79.6%	100.0%	95.1%	95.9%
	2010	100.0%	100.0%	99.8%	91.1%	89.3%	97.4%	97.6%	100.0%	96.2%	100.0%	87.7%	100.0%	100.0%	95.1%
	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%	95.7%	93.0%	95.4%	100.0%	95.3%
Projected	2019	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2020	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2021	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2022	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2023	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2024	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2025	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2026	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2027	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2028	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%
	2009-2018	96.1%	97.5%	93.2%	94.7%	96.0%	94.6%	95.9%	97.1%	92.9%	94.3%	91.1%	94.7%	91.4%	94.5%
	2019-2028	96.1%	98.1%	93.5%	95.3%	96.6%	95.2%	96.5%	97.3%	93.6%	95.7%	93.0%	95.4%	96.1%	94.2%

FMPA 2019 Load Forecast - Severe Weather Case - Beaches Energy

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

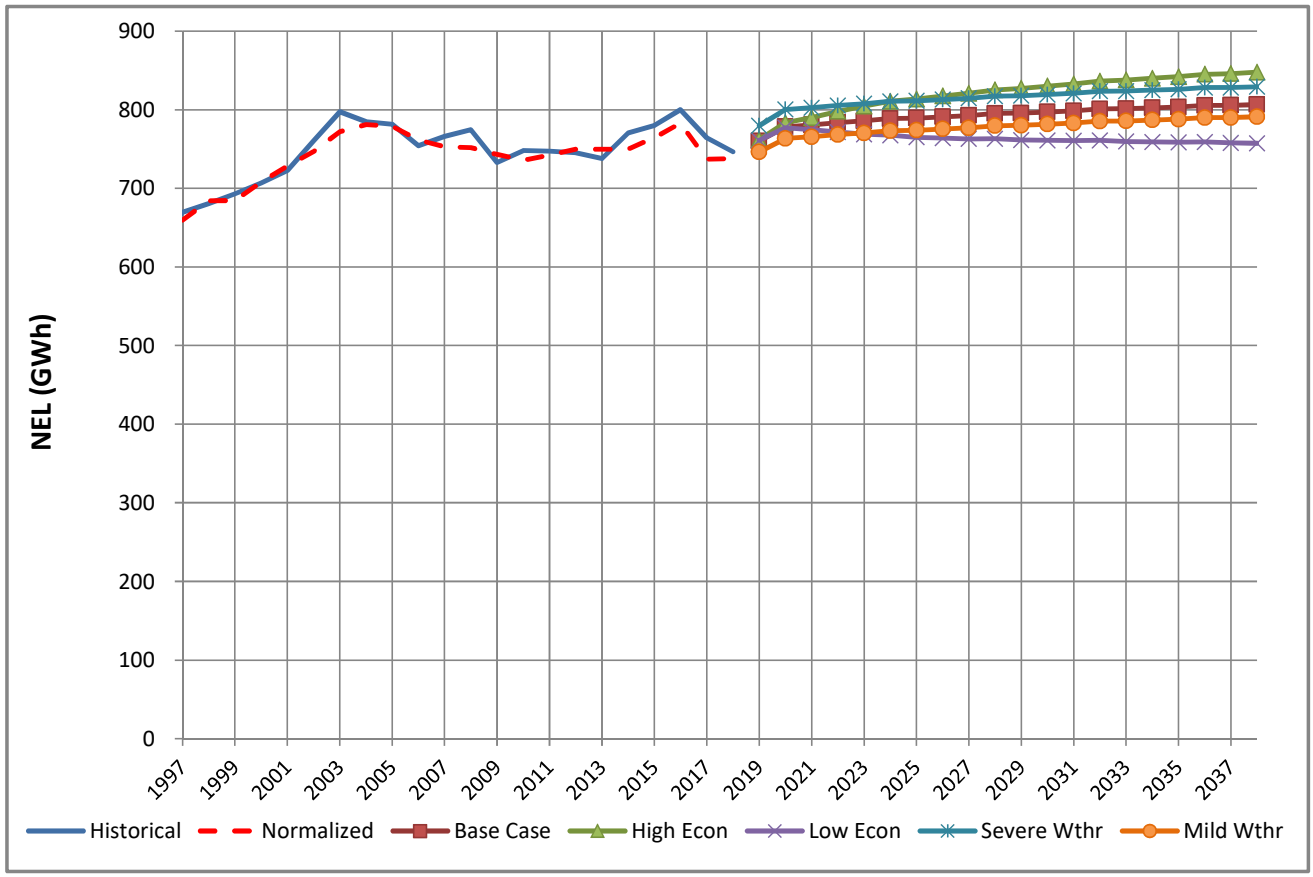
		Residential						General Service Non-Demand						General Service Demand						City		Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2009	440,988		28,252		15,609		81,848		4,125		19.8		183,331		369		497		8,594		3,979		718,740		37,966	5.0%	756,706	
	2010	479,184	8.7%	28,539	1.0%	16,791	7.6%	87,401	6.8%	4,105	-0.5%	21.3	7.3%	186,428	1.7%	370	0.3%	503	1.4%	8,036	-6.5%	4,054	1.9%	765,105	6.5%	29,421	3.7%	794,526	5.0%
	2011	456,496	-4.7%	28,326	-0.7%	16,116	-4.0%	86,639	-0.9%	4,075	-0.7%	21.3	-0.1%	185,575	-0.5%	364	-1.6%	509	1.2%	8,002	-0.4%	4,111	1.4%	740,822	-3.2%	33,428	4.3%	774,250	-2.6%
	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%	173,296	-2.0%	343	2.5%	505	-4.4%	8,070	1.5%	4,159	-0.2%	708,825	1.6%	35,294	4.7%	744,119	3.2%
Projected	2019	473,351	7.6%	30,162	0.4%	15,694	7.2%	82,954	-0.5%	4,385	0.8%	18.9	-1.3%	177,113	2.2%	346	0.7%	512	1.5%	8,201	1.6%	4,159	0.0%	745,776	5.2%	25,383	3.3%	771,159	3.6%
	2020	472,571	-0.2%	30,281	0.4%	15,606	-0.6%	82,919	0.0%	4,431	1.1%	18.7	-1.1%	178,273	0.7%	351	1.5%	508	-0.9%	8,240	0.5%	4,159	0.0%	746,161	0.1%	26,357	3.4%	772,518	0.2%
	2021	475,762	0.7%	30,393	0.4%	15,654	0.3%	82,924	0.0%	4,464	0.8%	18.6	-0.7%	196,420	10.2%	355	1.2%	553	8.9%	8,271	0.4%	4,159	0.0%	767,536	2.9%	27,214	3.4%	794,750	2.9%
	2022	479,403	0.8%	30,505	0.4%	15,716	0.4%	82,924	0.0%	4,496	0.7%	18.4	-0.7%	201,242	2.5%	359	1.0%	561	1.5%	8,304	0.4%	4,159	0.0%	776,031	1.1%	27,348	3.4%	803,379	1.1%
	2023	481,940	0.5%	30,607	0.3%	15,746	0.2%	82,924	0.0%	4,526	0.7%	18.3	-0.7%	202,199	0.5%	362	0.8%	559	-0.3%	8,335	0.4%	4,159	0.0%	779,556	0.5%	27,455	3.4%	807,011	0.5%
	2024	483,989	0.4%	30,702	0.3%	15,764	0.1%	82,924	0.0%	4,553	0.6%	18.2	-0.6%	203,120	0.5%	364	0.7%	558	-0.2%	8,365	0.4%	4,159	0.0%	782,556	0.4%	27,564	3.4%	810,121	0.4%
	2025	486,706	0.6%	30,791	0.3%	15,807	0.3%	82,924	0.0%	4,579	0.6%	18.1	-0.6%	204,003	0.4%	367	0.6%	557	-0.2%	8,394	0.3%	4,159	0.0%	786,184	0.5%	27,691	3.4%	813,876	0.5%
	2026	489,483	0.6%	30,872	0.3%	15,855	0.3%	82,924	0.0%	4,603	0.5%	18.0	-0.5%	204,850	0.4%	369	0.5%	556	-0.1%	8,421	0.3%	4,159	0.0%	789,836	0.5%	27,817	3.4%	817,653	0.5%
	2027	492,075	0.5%	30,943	0.2%	15,902	0.3%	82,924	0.0%	4,625	0.5%	17.9	-0.5%	205,640	0.4%	370	0.5%	555	-0.1%	8,447	0.3%	4,159	0.0%	793,244	0.4%	27,927	3.4%	821,171	0.4%
	2028	494,229	0.4%	31,017	0.2%	15,934	0.2%	82,924	0.0%	4,647	0.5%	17.8	-0.5%	206,424	0.4%	372	0.4%	555	-0.1%	8,472	0.3%	4,159	0.0%	796,208	0.4%	28,028	3.4%	824,235	0.4%
	2029	496,243	0.4%	31,093	0.2%	15,960	0.2%	82,924	0.0%	4,668	0.5%	17.8	-0.4%	207,209	0.4%	373	0.4%	555	0.0%	8,498	0.3%	4,159	0.0%	799,032	0.4%	28,122	3.4%	827,154	0.4%
	2030	498,365	0.4%	31,166	0.2%	15,991	0.2%	82,924	0.0%	4,688	0.4%	17.7	-0.4%	207,980	0.4%	375	0.4%	555	0.0%	8,523	0.3%	4,159	0.0%	801,949	0.4%	28,230	3.4%	830,180	0.4%
	2031	501,381	0.6%	31,236	0.2%	16,051	0.4%	82,924	0.0%	4,707	0.4%	17.6	-0.4%	208,729	0.4%	376	0.4%	555	0.0%	8,547	0.3%	4,159	0.0%	805,738	0.5%	28,369	3.4%	834,107	0.5%
	2032	504,805	0.7%	31,306	0.2%	16,125	0.5%	82,924	0.0%	4,726	0.4%	17.5	-0.4%	209,487	0.4%	378	0.4%	554	0.0%	8,571	0.3%	4,159	0.0%	809,946	0.5%	28,512	3.4%	838,457	0.5%
	2033	508,158	0.7%	31,375	0.2%	16,196	0.4%	82,924	0.0%	4,744	0.4%	17.5	-0.4%	210,215	0.3%	379	0.3%	554	0.0%	8,595	0.3%	4,159	0.0%	814,050	0.5%	28,651	3.4%	842,701	0.5%
	2034	511,320	0.6%	31,444	0.2%	16,261	0.4%	82,924	0.0%	4,761	0.4%	17.4	-0.4%	210,926	0.3%	380	0.3%	555	0.0%	8,618	0.3%	4,159	0.0%	817,946	0.5%	28,776	3.4%	846,722	0.5%
	2035	514,197	0.6%	31,509	0.2%	16,319	0.4%	82,924	0.0%	4,778	0.4%	17.4	-0.3%	211,633	0.3%	382	0.3%	555	0.0%	8,640	0.3%	4,159	0.0%	821,553	0.4%	28,902	3.4%	850,455	0.4%
	2036	517,375	0.6%	31,575	0.2%	16,386	0.4%	82,924	0.0%	4,794	0.3%	17.3	-0.3%	212,338	0.3%	383	0.3%	555	0.0%	8,663	0.3%	4,159	0.0%	825,458	0.5%	29,034	3.4%	854,492	0.5%
	2037	519,726	0.5%	31,639	0.2%	16,427	0.3%	82,924	0.0%	4,809	0.3%	17.2	-0.3%	213,010	0.3%	384	0.3%	555	0.0%	8,685	0.2%	4,159	0.0%	828,503	0.4%	29,118	3.4%	857,622	0.4%
	2038	520,923	0.2%	31,702	0.2%	16,432	0.0%	82,924	0.0%	4,823	0.3%	17.2	-0.3%	213,649	0.3%	385	0.3%	555	0.0%	8,705	0.2%	4,159	0.0%	830,359	0.2%	29,182	3.4%	859,541	0.2%
CAGR	2009-2018		0.0%		0.7%		-0.7%		0.2%		0.6%		-0.4%		-0.6%		-0.8%		0.2%		-0.7%		0.5%		-0.2%		3.9%		-0.2%
	2019-2028		0.5%		0.3%		0.2%		0.0%		0.6%		-0.6%		1.7%		0.8%		0.9%		0.4%		0.0%		0.7%		3.4%		0.7%
	2029-2038		0.5%		0.2%		0.3%		0.0%		0.4%		-0.4%		0.3%		0.3%		0.0%		0.3%		0.0%		0.4%		3.4%		0.4%

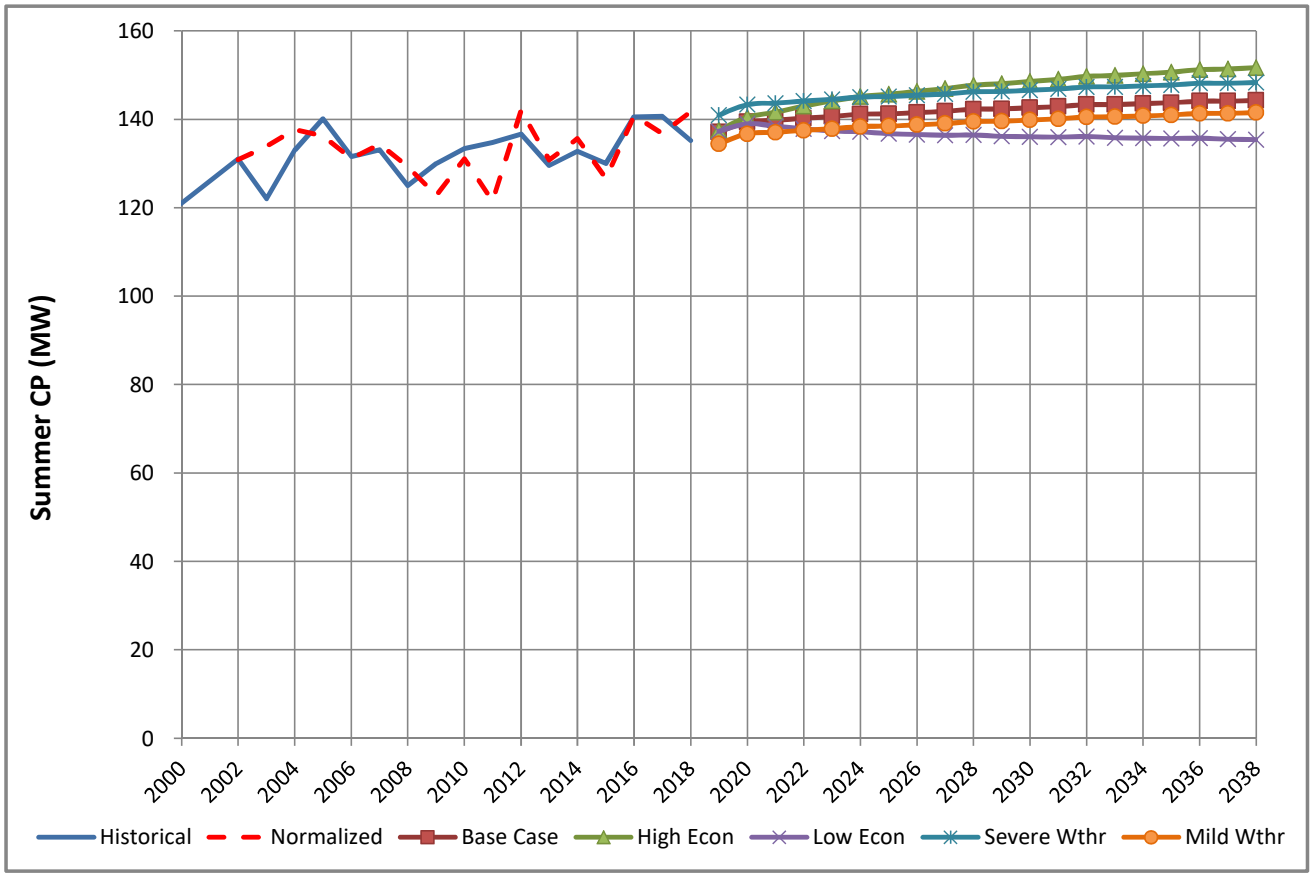
CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast

Key West

Historical and Projected NEL and Annual Coincident Peak Demand





FMPA 2019 Load Forecast - Low Economic Case

Keys Energy

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	732,928	-	743,335	-	1.4%	91.9	-	79.9	-	-13.1%	130.0	-	122.8		-5.6%
	2010	747,958	2.1%	735,731	-1.0%	-1.6%	116.0	26.2%	104.8	31.1%	-9.7%	133.4	2.6%	131.1	6.8%	-1.7%
	2011	747,355	-0.1%	742,392	0.9%	-0.7%	76.9	-33.7%	88.3	-15.8%	14.7%	134.8	1.1%	134.4	2.5%	-0.3%
	2012	745,122	-0.3%	749,672	1.0%	0.6%	80.6	4.7%	80.2	-9.2%	-0.5%	136.7	1.4%	142.0	5.7%	3.9%
	2013	738,003	-1.0%	749,741	0.0%	1.6%	70.6	-12.3%	77.7	-3.1%	10.1%	129.6	-5.2%	130.8	-7.9%	0.9%
	2014	770,420	4.4%	750,157	0.1%	-2.6%	75.0	6.2%	79.9	2.7%	6.5%	132.7	2.4%	135.6	3.7%	2.2%
	2015	779,772	1.2%	764,304	1.9%	-2.0%	89.9	19.9%	80.1	0.3%	-11.0%	130.0	-2.1%	126.7	-6.6%	-2.6%
	2016	800,141	2.6%	782,779	2.4%	-2.2%	123.7	37.5%	84.9	6.0%	-31.4%	140.6	8.1%	140.7	11.1%	0.1%
	2017	764,330	-4.5%	737,072	-5.8%	-3.6%	112.6	-8.9%	79.3	-6.6%	-29.6%	140.7	0.1%	136.8	-2.8%	-2.8%
	2018	746,631	-2.3%	738,024	0.1%	-1.2%	75.6	-32.8%	78.3	-1.3%	3.5%	135.2	-3.9%	141.7	3.6%	4.8%
Projected	2019	761,139	1.9%	761,139	3.1%		81.2	7.4%	81.2	3.8%		137.3	1.5%	137.3	-3.1%	
	2020			777,166	2.1%				82.3	1.3%				139.0	1.3%	
	2021			774,650	-0.3%				81.9	-0.4%				138.4	-0.4%	
	2022			771,722	-0.4%				81.6	-0.4%				137.9	-0.4%	
	2023			768,710	-0.4%				81.3	-0.4%				137.4	-0.4%	
	2024			767,560	-0.1%				81.2	-0.1%				137.2	-0.1%	
	2025			765,028	-0.3%				80.9	-0.3%				136.7	-0.3%	
	2026			763,860	-0.2%				80.8	-0.1%				136.6	-0.1%	
	2027			762,948	-0.1%				80.7	-0.1%				136.4	-0.1%	
	2028			763,174	0.0%				80.7	0.0%				136.4	0.0%	
	2029			761,522	-0.2%				80.6	-0.2%				136.1	-0.2%	
	2030			760,978	-0.1%				80.5	-0.1%				136.1	-0.1%	
	2031			760,561	-0.1%				80.5	-0.1%				136.0	-0.1%	
	2032			761,158	0.1%				80.5	0.1%				136.1	0.1%	
	2033			759,698	-0.2%				80.4	-0.2%				135.8	-0.2%	
	2034			759,207	-0.1%				80.3	-0.1%				135.7	-0.1%	
	2035			758,670	-0.1%				80.3	-0.1%				135.6	-0.1%	
	2036			759,171	0.1%				80.3	0.1%				135.7	0.1%	
	2037			757,768	-0.2%				80.2	-0.2%				135.5	-0.2%	
	2038			757,327	-0.1%				80.1	-0.1%				135.4	-0.1%	
CAGR [3]	2009-2018		0.2%		-0.1%			-2.1%		-0.2%			0.4%		1.6%	
	2019-2028				0.0%					-0.1%					-0.1%	
	2029-2038				-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 2019 Load Forecast - Low Economic Case

Keys Energy

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	732,928	-	743,335	-	1.4%	107.9	-	77.5%	135.0	-	62.0%
	2010	747,958	2.1%	735,731	-1.0%	-1.6%	126.3	17.0%	67.6%	136.3	0.9%	62.7%
	2011	747,355	-0.1%	742,392	0.9%	-0.7%	116.7	-7.6%	73.1%	139.7	2.5%	61.1%
	2012	745,122	-0.3%	749,672	1.0%	0.6%	111.9	-4.1%	76.0%	137.0	-1.9%	62.1%
	2013	738,003	-1.0%	749,741	0.0%	1.6%	115.9	3.6%	72.7%	136.1	-0.7%	61.9%
	2014	770,420	4.4%	750,157	0.1%	-2.6%	115.1	-0.7%	76.4%	144.2	6.0%	61.0%
	2015	779,772	1.2%	764,304	1.9%	-2.0%	124.0	7.7%	71.8%	146.7	1.8%	60.7%
	2016	800,141	2.6%	782,779	2.4%	-2.2%	128.5	3.6%	71.1%	147.2	0.3%	62.1%
	2017	764,330	-4.5%	737,072	-5.8%	-3.6%	116.6	-9.2%	74.8%	148.0	0.6%	59.0%
	2018	746,631	-2.3%	738,024	0.1%	-1.2%	127.9	9.7%	66.6%	145.0	-2.0%	58.8%
Projected	2019	761,139	1.9%	761,139	3.1%		122.7	-4.0%	70.8%	146.8	1.2%	59.2%
	2020	777,166	2.1%	777,166	2.1%		124.2	1.3%	71.4%	148.6	1.3%	59.7%
	2021	774,650	-0.3%	774,650	-0.3%		123.7	-0.4%	71.5%	148.0	-0.4%	59.7%
	2022	771,722	-0.4%	771,722	-0.4%		123.2	-0.4%	71.5%	147.4	-0.4%	59.8%
	2023	768,710	-0.4%	768,710	-0.4%		122.8	-0.4%	71.5%	146.9	-0.4%	59.8%
	2024	767,560	-0.1%	767,560	-0.1%		122.6	-0.1%	71.5%	146.7	-0.1%	59.7%
	2025	765,028	-0.3%	765,028	-0.3%		122.2	-0.3%	71.4%	146.2	-0.3%	59.7%
	2026	763,860	-0.2%	763,860	-0.2%		122.1	-0.1%	71.4%	146.0	-0.1%	59.7%
	2027	762,948	-0.1%	762,948	-0.1%		121.9	-0.1%	71.4%	145.8	-0.1%	59.7%
	2028	763,174	0.0%	763,174	0.0%		122.0	0.0%	71.4%	145.9	0.0%	59.7%
	2029	761,522	-0.2%	761,522	-0.2%		121.7	-0.2%	71.4%	145.6	-0.2%	59.7%
	2030	760,978	-0.1%	760,978	-0.1%		121.6	-0.1%	71.4%	145.5	-0.1%	59.7%
	2031	760,561	-0.1%	760,561	-0.1%		121.6	-0.1%	71.4%	145.4	-0.1%	59.7%
	2032	761,158	0.1%	761,158	0.1%		121.7	0.1%	71.4%	145.5	0.1%	59.7%
	2033	759,698	-0.2%	759,698	-0.2%		121.4	-0.2%	71.4%	145.2	-0.2%	59.7%
	2034	759,207	-0.1%	759,207	-0.1%		121.3	-0.1%	71.4%	145.1	-0.1%	59.7%
	2035	758,670	-0.1%	758,670	-0.1%		121.3	-0.1%	71.4%	145.0	-0.1%	59.7%
	2036	759,171	0.1%	759,171	0.1%		121.3	0.1%	71.4%	145.1	0.1%	59.7%
	2037	757,768	-0.2%	757,768	-0.2%		121.1	-0.2%	71.4%	144.9	-0.2%	59.7%
	2038	757,327	-0.1%	757,327	-0.1%		121.0	-0.1%	71.4%	144.8	-0.1%	59.7%
CAGR [1]	2009-2018		0.2%		-0.1%			1.9%	72.8%		0.8%	61.1%
	2019-2028		0.0%		0.0%			-0.1%	71.4%		-0.1%	59.7%
	2029-2038		-0.1%		-0.1%			-0.1%	71.4%		-0.1%	59.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Low Economic Case

Keys Energy

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	50,519	45,778	54,275	58,535	66,981	70,740	77,889	76,816	68,767	68,358	54,054	54,862	747,573	732,928
	2010	55,108	46,156	51,199	54,579	69,250	76,016	75,430	75,371	67,574	61,133	51,645	48,826	732,288	747,958
	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	64,123	54,454	51,096	744,678	746,631
Projected	2019	54,286	49,059	56,537	60,255	67,613	73,330	78,472	78,915	72,999	66,380	56,519	53,278	767,643	761,139
	2020	56,128	51,407	57,768	61,431	68,721	74,124	79,056	79,237	73,115	66,478	56,549	53,223	777,239	777,166
	2021	56,062	50,321	57,660	61,271	68,505	73,903	78,817	78,980	72,879	66,255	56,379	53,091	774,124	774,650
	2022	55,944	50,169	57,474	61,032	68,210	73,545	78,431	78,617	72,575	65,977	56,143	52,869	770,987	771,722
	2023	55,716	49,964	57,244	60,787	67,942	73,266	78,145	78,336	72,321	65,748	55,952	52,693	768,113	768,710
	2024	55,542	50,825	57,079	60,617	67,760	73,079	77,956	78,152	72,156	65,600	55,828	52,579	767,174	767,560
	2025	55,427	49,709	56,965	60,496	67,629	72,941	77,814	78,011	72,029	65,485	55,731	52,489	764,726	765,028
	2026	55,336	49,628	56,877	60,403	67,528	72,836	77,707	77,906	71,935	65,400	55,660	52,423	763,639	763,860
	2027	55,269	49,567	56,809	60,330	67,448	72,751	77,618	77,818	71,853	65,326	55,597	52,364	762,751	762,948
	2028	55,209	50,520	56,751	60,268	67,380	72,680	77,545	77,745	71,788	65,267	55,548	52,319	763,020	763,174
Projected	2029	55,162	49,471	56,703	60,217	67,324	72,620	77,481	77,681	71,729	65,213	55,502	52,276	761,379	761,522
	2030	55,118	49,432	56,662	60,174	67,277	72,571	77,432	77,634	71,687	65,175	55,470	52,247	760,879	760,978
	2031	55,088	49,405	56,631	60,140	67,240	72,532	77,391	77,593	71,649	65,141	55,441	52,219	760,470	760,561
	2032	55,060	50,382	56,601	60,108	67,204	72,493	77,350	77,551	71,610	65,104	55,409	52,189	761,059	761,158
	2033	55,027	49,348	56,567	60,071	67,162	72,449	77,303	77,503	71,566	65,064	55,374	52,156	759,589	759,698
	2034	54,992	49,317	56,530	60,032	67,119	72,401	77,252	77,452	71,518	65,020	55,336	52,120	759,090	759,207
	2035	54,954	49,282	56,490	59,989	67,071	72,349	77,197	77,396	71,466	64,972	55,296	52,082	758,543	758,670
	2036	54,915	50,248	56,452	59,949	67,027	72,304	77,150	77,351	71,426	64,937	55,266	52,054	759,079	759,171
	2037	54,886	49,221	56,422	59,917	66,992	72,266	77,110	77,309	71,387	64,901	55,235	52,025	757,673	757,768
	2038	54,855	49,193	56,389	59,882	66,953	72,223	77,063	77,263	71,344	64,861	55,201	51,992	757,219	757,327

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	6.8%	6.1%	7.3%	7.8%	9.0%	9.5%	10.4%	10.3%	9.2%	9.1%	7.2%	7.3%	100.0%
	2010	7.5%	6.3%	7.0%	7.5%	9.5%	10.4%	10.3%	10.3%	9.2%	8.3%	7.1%	6.7%	100.0%
	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	6.5%	7.2%	7.2%	8.1%	8.3%	9.5%	10.7%	10.3%	9.5%	8.6%	7.3%	6.9%	100.0%
Projected	2019	7.1%	6.4%	7.4%	7.8%	8.8%	9.6%	10.2%	10.3%	9.5%	8.6%	7.4%	6.9%	100.0%
	2020	7.2%	6.6%	7.4%	7.9%	8.8%	9.5%	10.2%	10.2%	9.4%	8.6%	7.3%	6.8%	100.0%
	2021	7.2%	6.5%	7.4%	7.9%	8.8%	9.5%	10.2%	10.2%	9.4%	8.6%	7.3%	6.9%	100.0%
	2022	7.3%	6.5%	7.5%	7.9%	8.8%	9.5%	10.2%	10.2%	9.4%	8.6%	7.3%	6.9%	100.0%
	2023	7.3%	6.5%	7.5%	7.9%	8.8%	9.5%	10.2%	10.2%	9.4%	8.6%	7.3%	6.9%	100.0%
	2024	7.2%	6.6%	7.4%	7.9%	8.8%	9.5%	10.2%	10.2%	9.4%	8.6%	7.3%	6.9%	100.0%
	2025	7.2%	6.5%	7.4%	7.9%	8.8%	9.5%	10.2%	10.2%	9.4%	8.6%	7.3%	6.9%	100.0%
	2026	7.2%	6.5%	7.4%	7.9%	8.8%	9.5%	10.2%	10.2%	9.4%	8.6%	7.3%	6.9%	100.0%
	2027	7.2%	6.5%	7.4%	7.9%	8.8%	9.5%	10.2%	10.2%	9.4%	8.6%	7.3%	6.9%	100.0%
	2028	7.2%	6.6%	7.4%	7.9%	8.8%	9.5%	10.2%	10.2%	9.4%	8.6%	7.3%	6.9%	100.0%
Avg.	2009-2018	6.9%	6.6%	7.5%	8.0%	9.0%	9.5%	10.3%	10.2%	8.9%	8.6%	7.2%	7.2%	100.0%
	2019-2028	7.2%	6.5%	7.4%	7.9%	8.8%	9.5%	10.2%	10.2%	9.4%	8.6%	7.3%	6.9%	100.0%

1	2	3	4	5	6	7	8	9	10	11	12

FMPA 2019 Load Forecast - Low Economic Case

Keys Energy

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	96.8	107.9	107.4	115.0	123.5	131.1	135.0	133.5	129.5	127.4	114.9	107.9	107.9	135.0
	2010	126.3	94.3	102.3	110.3	127.3	134.9	132.3	136.3	128.4	119.1	111.7	105.2	126.3	136.3
	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	128.8	112.0	109.2	127.9	145.0
Projected	2019	110.3	114.9	122.7	126.6	135.4	141.1	146.8	144.8	137.9	130.3	113.4	110.6	122.7	146.8
	2020	111.7	116.4	124.2	128.2	137.1	142.9	148.6	146.6	139.6	131.9	114.8	110.1	124.2	148.6
	2021	111.2	115.9	123.7	127.7	136.6	142.3	148.0	146.0	139.0	131.4	114.3	109.7	123.7	148.0
	2022	110.8	115.4	123.2	127.2	136.0	141.8	147.4	145.4	138.5	130.9	113.9	109.3	123.2	147.4
	2023	110.3	115.0	122.8	126.7	135.5	141.2	146.9	144.9	138.0	130.4	113.5	109.1	122.8	146.9
	2024	110.2	114.9	122.6	126.5	135.3	141.1	146.7	144.7	137.8	130.2	113.3	108.8	122.6	146.7
	2025	109.9	114.5	122.2	126.1	134.9	140.6	146.2	144.2	137.3	129.8	113.0	108.6	122.2	146.2
	2026	109.7	114.3	122.1	126.0	134.7	140.4	146.0	144.0	137.2	129.6	112.8	108.5	122.1	146.0
	2027	109.6	114.2	121.9	125.8	134.6	140.2	145.8	143.9	137.0	129.5	112.7	108.5	121.9	145.8
	2028	109.6	114.3	122.0	125.9	134.6	140.3	145.9	143.9	137.0	129.5	112.7	108.3	122.0	145.9
Projected	2029	109.4	114.0	121.7	125.6	134.3	140.0	145.6	143.6	136.7	129.2	112.5	108.2	121.7	145.6
	2030	109.3	113.9	121.6	125.5	134.2	139.9	145.5	143.5	136.7	129.2	112.4	108.2	121.6	145.5
	2031	109.2	113.9	121.6	125.4	134.2	139.8	145.4	143.4	136.6	129.1	112.3	108.3	121.6	145.4
	2032	109.3	114.0	121.7	125.5	134.3	139.9	145.5	143.5	136.7	129.2	112.4	108.0	121.7	145.5
	2033	109.1	113.7	121.4	125.3	134.0	139.7	145.2	143.3	136.4	128.9	112.2	108.0	121.4	145.2
	2034	109.0	113.7	121.3	125.2	133.9	139.6	145.1	143.2	136.3	128.9	112.1	107.9	121.3	145.1
	2035	109.0	113.6	121.3	125.1	133.8	139.5	145.0	143.1	136.2	128.8	112.0	108.0	121.3	145.0
	2036	109.0	113.7	121.3	125.2	133.9	139.6	145.1	143.2	136.3	128.9	112.1	107.8	121.3	145.1
	2037	108.8	113.5	121.1	125.0	133.7	139.3	144.9	142.9	136.1	128.6	111.9	107.7	121.1	144.9
	2038	108.8	113.4	121.0	124.9	133.6	139.2	144.8	142.8	136.0	128.5	111.8	107.6	121.0	144.8

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	70.2%	63.1%	67.9%	68.4%	80.7%	72.5%	80.1%	77.3%	73.8%	72.1%	63.3%	70.6%	79.1%	63.2%
	2010	58.7%	72.8%	67.2%	66.5%	80.9%	75.7%	79.2%	74.3%	73.1%	69.0%	62.2%	64.5%	66.2%	61.3%
	2011	70.8%	73.1%	64.7%	70.0%	80.5%	71.5%	77.6%	75.3%	75.0%	67.9%	68.3%	73.1%	73.7%	61.6%
	2012	71.4%	69.3%	71.6%	65.6%	78.0%	70.2%	75.5%	75.0%	73.1%	71.2%	68.9%	70.1%	76.1%	62.1%
	2013	72.5%	67.1%	59.9%	67.1%	76.6%	70.3%	73.6%	73.5%	72.4%	70.6%	67.5%	74.3%	74.1%	63.1%
	2014	66.3%	70.4%	66.1%	65.7%	81.6%	70.0%	76.5%	75.3%	69.6%	69.5%	61.7%	69.1%	75.1%	60.0%
	2015	66.0%	64.2%	68.4%	66.3%	79.5%	70.0%	76.9%	74.6%	71.2%	70.7%	67.3%	70.5%	74.2%	62.7%
	2016	57.9%	62.3%	64.9%	63.4%	76.6%	71.6%	77.6%	74.0%	71.8%	68.8%	68.5%	72.9%	69.9%	61.0%
	2017	65.5%	68.5%	65.9%	65.0%	76.3%	72.5%	76.7%	73.5%	46.5%	69.9%	57.3%	67.1%	73.8%	58.1%
	2018	68.3%	71.2%	62.0%	65.6%	78.1%	70.5%	76.0%	73.9%	72.9%	66.9%	65.3%	65.0%	66.5%	58.6%
Projected	2019	66.2%	63.5%	61.9%	64.0%	74.3%	69.8%	74.3%	73.3%	73.5%	68.5%	67.0%	66.9%	71.4%	59.7%
	2020	67.6%	63.5%	62.5%	64.4%	74.6%	69.7%	73.9%	72.7%	72.7%	67.7%	66.2%	67.1%	71.4%	59.7%
	2021	67.8%	64.6%	62.6%	64.5%	74.7%	69.8%	74.0%	72.7%	72.8%	67.8%	66.3%	67.2%	71.4%	59.7%
	2022	67.9%	64.7%	62.7%	64.5%	74.6%	69.7%	73.9%	72.7%	72.8%	67.8%	66.3%	67.2%	71.4%	59.7%
	2023	67.9%	64.6%	62.7%	64.5%	74.6%	69.7%	73.9%	72.7%	72.8%	67.8%	66.3%	67.1%	71.4%	59.7%
	2024	67.7%	63.6%	62.6%	64.4%	74.5%	69.6%	73.8%	72.6%	72.7%	67.7%	66.2%	67.1%	71.4%	59.7%
	2025	67.8%	64.6%	62.6%	64.5%	74.6%	69.7%	73.9%	72.7%	72.8%	67.8%	66.3%	67.1%	71.4%	59.7%
	2026	67.8%	64.6%	62.6%	64.5%	74.6%	69.7%	73.9%	72.7%	72.8%	67.8%	66.3%	67.1%	71.4%	59.7%
	2027	67.8%	64.6%	62.6%	64.5%	74.6%	69.7%	73.9%	72.7%	72.8%	67.8%	66.3%	67.0%	71.4%	59.7%
	2028	67.7%	63.5%	62.5%	64.4%	74.5%	69.6%	73.8%	72.6%	72.8%	67.7%	66.2%	67.1%	71.4%	59.7%
Avg.	2009-2018	66.8%	68.2%	65.9%	66.3%	78.9%	71.5%	77.0%	74.7%	69.9%	69.7%	65.0%	69.7%	72.9%	61.2%
	2019-2028	67.6%	64.2%	62.5%	64.4%	74.6%	69.7%	73.9%	72.7%	72.9%	67.8%	66.3%	67.1%	71.4%	59.7%

FMPA 2019 Load Forecast - Low Economic Case

Keys Energy

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	81.5	91.9	68.5	95.1	113.7	130.0	132.0	120.1	123.0	126.9	114.9	67.1	91.9	130.0
	2010	116.0	75.9	83.2	98.2	103.4	133.4	130.9	133.1	118.6	119.1	111.7	76.9	116.0	133.4
	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	125.5	101.2	83.4	75.6	135.2
Projected	2019	81.2	87.7	103.9	118.2	125.7	135.3	139.0	137.3	131.0	127.0	102.5	84.4	81.2	137.3
	2020	82.3	88.8	105.2	119.7	127.3	137.0	140.7	139.0	132.6	128.6	103.7	84.1	82.3	139.0
	2021	81.9	88.4	104.8	119.2	126.8	136.5	140.1	138.4	132.1	128.1	103.3	83.8	81.9	138.4
	2022	81.6	88.1	104.3	118.7	126.2	135.9	139.6	137.9	131.6	127.6	102.9	83.5	81.6	137.9
	2023	81.3	87.7	104.0	118.3	125.8	135.4	139.0	137.4	131.1	127.1	102.5	83.4	81.3	137.4
	2024	81.2	87.6	103.8	118.1	125.6	135.3	138.9	137.2	130.9	126.9	102.4	83.1	81.2	137.2
	2025	80.9	87.3	103.5	117.7	125.2	134.8	138.4	136.7	130.5	126.5	102.1	83.0	80.9	136.7
	2026	80.8	87.2	103.3	117.6	125.0	134.6	138.2	136.6	130.3	126.3	101.9	82.9	80.8	136.6
	2027	80.7	87.1	103.2	117.4	124.9	134.5	138.1	136.4	130.2	126.2	101.8	82.9	80.7	136.4
	2028	80.7	87.1	103.3	117.5	124.9	134.5	138.1	136.4	130.2	126.2	101.8	82.7	80.7	136.4
Projected	2029	80.6	87.0	103.0	117.2	124.7	134.2	137.8	136.1	129.9	126.0	101.6	82.7	80.6	136.1
	2030	80.5	86.9	103.0	117.1	124.6	134.2	137.7	136.1	129.8	125.9	101.6	82.6	80.5	136.1
	2031	80.5	86.9	102.9	117.1	124.5	134.1	137.7	136.0	129.8	125.8	101.5	82.7	80.5	136.0
	2032	80.5	86.9	103.0	117.2	124.6	134.2	137.8	136.1	129.9	125.9	101.6	82.5	80.5	136.1
	2033	80.4	86.8	102.8	116.9	124.4	133.9	137.5	135.8	129.6	125.7	101.4	82.5	80.4	135.8
	2034	80.3	86.7	102.7	116.9	124.3	133.8	137.4	135.7	129.5	125.6	101.3	82.4	80.3	135.7
	2035	80.3	86.6	102.7	116.8	124.2	133.7	137.3	135.6	129.5	125.5	101.2	82.5	80.3	135.6
	2036	80.3	86.7	102.7	116.9	124.3	133.8	137.4	135.7	129.5	125.6	101.3	82.3	80.3	135.7
	2037	80.2	86.5	102.5	116.6	124.1	133.6	137.2	135.5	129.3	125.4	101.1	82.3	80.2	135.5
	2038	80.1	86.5	102.5	116.6	124.0	133.5	137.1	135.4	129.2	125.3	101.1	82.2	80.1	135.4

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	84.3%	85.2%	63.8%	82.7%	92.1%	99.2%	97.8%	90.0%	95.0%	99.6%	100.0%	62.2%	85.2%	96.3%
	2010	91.9%	80.5%	81.3%	89.0%	81.2%	98.8%	98.9%	97.7%	92.3%	100.0%	100.0%	73.1%	91.9%	97.9%
	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%	97.5%	90.4%	76.4%	59.1%	93.2%
Projected	2019	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2020	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2021	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2022	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2023	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2024	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2025	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2026	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2027	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2028	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2009-2018	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.4%	94.8%	95.0%	97.8%	91.0%	77.0%	76.6%	95.0%
	2019-2028	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%

FMPA 2019 Load Forecast - Low Economic Case - Keys

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	310,120		24,093		12,872		300,227		3,945		76.1		68,353		4,184		682,884		50,044	6.8%	732,928	
	2010	332,705	7.3%	24,279	0.8%	13,704	6.5%	306,775	2.2%	3,969	0.6%	77.3	1.6%	64,149	-6.2%	4,201	0.4%	707,831	3.7%	40,127	5.4%	747,958	2.1%
	2011	327,810	-1.5%	24,480	0.8%	13,391	-2.3%	307,356	0.2%	4,043	1.9%	76.0	-1.6%	60,740	-5.3%	3,897	-7.3%	699,803	-1.1%	47,552	6.4%	747,355	-0.1%
	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%
Projected	2019	350,584	2.6%	25,705	0.2%	13,639	2.4%	316,079	7.4%	4,507	0.0%	70.1	7.4%	49,791	4.6%	2,400	-14.6%	718,854	4.7%	42,285	5.6%	761,139	1.9%
	2020	354,735	1.2%	25,916	0.8%	13,688	0.4%	324,645	2.7%	4,532	0.6%	71.6	2.1%	49,279	-1.0%	2,376	-1.0%	731,036	1.7%	46,130	5.9%	777,166	2.1%
	2021	354,183	-0.2%	25,996	0.3%	13,625	-0.5%	324,886	0.1%	4,557	0.6%	71.3	-0.5%	48,244	-2.1%	2,352	-1.0%	729,665	-0.2%	44,985	5.8%	774,650	-0.3%
	2022	352,974	-0.3%	26,073	0.3%	13,538	-0.6%	324,224	-0.2%	4,582	0.5%	70.8	-0.7%	47,396	-1.8%	2,329	-1.0%	726,922	-0.4%	44,800	5.8%	771,722	-0.4%
	2023	352,113	-0.2%	26,146	0.3%	13,467	-0.5%	322,965	-0.4%	4,607	0.5%	70.1	-0.9%	46,700	-1.5%	2,305	-1.0%	724,083	-0.4%	44,627	5.8%	768,710	-0.4%
	2024	351,459	-0.2%	26,217	0.3%	13,406	-0.5%	322,167	-0.2%	4,631	0.5%	69.6	-0.8%	46,130	-1.2%	2,282	-1.0%	722,039	-0.3%	45,521	5.9%	767,560	-0.1%
	2025	350,926	-0.2%	26,284	0.3%	13,351	-0.4%	321,757	-0.1%	4,654	0.5%	69.1	-0.6%	45,663	-1.0%	2,260	-1.0%	720,605	-0.2%	44,422	5.8%	765,028	-0.3%
	2026	350,516	-0.1%	26,349	0.2%	13,303	-0.4%	321,471	-0.1%	4,678	0.5%	68.7	-0.6%	45,279	-0.8%	2,237	-1.0%	719,504	-0.2%	44,357	5.8%	763,860	-0.2%
	2027	350,196	-0.1%	26,412	0.2%	13,259	-0.3%	321,267	-0.1%	4,700	0.5%	68.4	-0.5%	44,965	-0.7%	2,215	-1.0%	718,643	-0.1%	44,305	5.8%	762,948	-0.1%
	2028	349,888	-0.1%	26,472	0.2%	13,217	-0.3%	321,119	0.0%	4,722	0.5%	68.0	-0.5%	44,708	-0.6%	2,192	-1.0%	717,907	-0.1%	45,267	5.9%	763,174	0.0%
	2029	349,616	-0.1%	26,530	0.2%	13,178	-0.3%	321,014	0.0%	4,743	0.5%	67.7	-0.5%	44,497	-0.5%	2,171	-1.0%	717,298	-0.1%	44,223	5.8%	761,522	-0.2%
	2030	349,375	-0.1%	26,586	0.2%	13,142	-0.3%	320,937	0.0%	4,764	0.4%	67.4	-0.5%	44,324	-0.4%	2,149	-1.0%	716,785	-0.1%	44,193	5.8%	760,978	-0.1%
	2031	349,227	0.0%	26,639	0.2%	13,109	-0.2%	320,855	0.0%	4,784	0.4%	67.1	-0.4%	44,182	-0.3%	2,127	-1.0%	716,392	-0.1%	44,169	5.8%	760,561	-0.1%
	2032	349,086	0.0%	26,691	0.2%	13,079	-0.2%	320,752	0.0%	4,804	0.4%	66.8	-0.4%	44,066	-0.3%	2,106	-1.0%	716,009	-0.1%	45,149	5.9%	761,158	0.1%
	2033	348,904	-0.1%	26,741	0.2%	13,047	-0.2%	320,619	0.0%	4,823	0.4%	66.5	-0.4%	43,970	-0.2%	2,085	-1.0%	715,579	-0.1%	44,118	5.8%	759,698	-0.2%
	2034	348,703	-0.1%	26,790	0.2%	13,016	-0.2%	320,458	-0.1%	4,841	0.4%	66.2	-0.4%	43,892	-0.2%	2,064	-1.0%	715,118	-0.1%	44,090	5.8%	759,207	-0.1%
	2035	348,451	-0.1%	26,837	0.2%	12,984	-0.2%	320,289	-0.1%	4,859	0.4%	65.9	-0.4%	43,828	-0.1%	2,043	-1.0%	714,611	-0.1%	44,058	5.8%	758,670	-0.1%
	2036	348,218	-0.1%	26,882	0.2%	12,954	-0.2%	320,123	-0.1%	4,876	0.4%	65.6	-0.4%	43,776	-0.1%	2,023	-1.0%	714,140	-0.1%	45,031	5.9%	759,171	0.1%
	2037	348,056	0.0%	26,926	0.2%	12,927	-0.2%	319,970	0.0%	4,893	0.3%	65.4	-0.4%	43,733	-0.1%	2,003	-1.0%	713,762	-0.1%	44,007	5.8%	757,768	-0.2%
	2038	347,843	-0.1%	26,968	0.2%	12,898	-0.2%	319,823	0.0%	4,909	0.3%	65.1	-0.4%	43,697	-0.1%	1,983	-1.0%	713,346	-0.1%	43,981	5.8%	757,327	-0.1%
CAGR	2009-2018		1.1%		0.7%		0.4%		-0.2%		1.5%		-1.7%		-3.9%		-4.3%		0.1%		5.9%		0.2%
	2019-2028		0.0%		0.3%		-0.3%		0.2%		0.5%		-0.3%		-1.2%		-1.0%		0.0%		5.8%		0.0%
	2029-2038		-0.1%		0.2%		-0.2%		0.0%		0.4%		-0.4%		-0.2%		-1.0%		-0.1%		5.8%		-0.1%

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

FMPA 2019 Load Forecast - High Economic Case

Keys Energy

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	732,928	-	743,335	-	1.4%	91.9	-	79.9	-	-13.1%	130.0	-	122.8		-5.6%
	2010	747,958	2.1%	735,731	-1.0%	-1.6%	116.0	26.2%	104.8	31.1%	-9.7%	133.4	2.6%	131.1	6.8%	-1.7%
	2011	747,355	-0.1%	742,392	0.9%	-0.7%	76.9	-33.7%	88.3	-15.8%	14.7%	134.8	1.1%	134.4	2.5%	-0.3%
	2012	745,122	-0.3%	749,672	1.0%	0.6%	80.6	4.7%	80.2	-9.2%	-0.5%	136.7	1.4%	142.0	5.7%	3.9%
	2013	738,003	-1.0%	749,741	0.0%	1.6%	70.6	-12.3%	77.7	-3.1%	10.1%	129.6	-5.2%	130.8	-7.9%	0.9%
	2014	770,420	4.4%	750,157	0.1%	-2.6%	75.0	6.2%	79.9	2.7%	6.5%	132.7	2.4%	135.6	3.7%	2.2%
	2015	779,772	1.2%	764,304	1.9%	-2.0%	89.9	19.9%	80.1	0.3%	-11.0%	130.0	-2.1%	126.7	-6.6%	-2.6%
	2016	800,141	2.6%	782,779	2.4%	-2.2%	123.7	37.5%	84.9	6.0%	-31.4%	140.6	8.1%	140.7	11.1%	0.1%
	2017	764,330	-4.5%	737,072	-5.8%	-3.6%	112.6	-8.9%	79.3	-6.6%	-29.6%	140.7	0.1%	136.8	-2.8%	-2.8%
	2018	746,631	-2.3%	738,024	0.1%	-1.2%	75.6	-32.8%	78.3	-1.3%	3.5%	135.2	-3.9%	141.7	3.6%	4.8%
Projected	2019	761,890	2.0%	761,890	3.2%		81.4	7.6%	81.4	4.0%		137.5	1.7%	137.5	-3.0%	
	2020			783,467	2.8%				83.1	2.1%				140.4	2.1%	
	2021			790,105	0.8%				83.8	0.8%				141.6	0.8%	
	2022			798,001	1.0%				84.6	1.0%				143.0	1.0%	
	2023			804,645	0.8%				85.3	0.8%				144.1	0.8%	
	2024			810,689	0.8%				85.9	0.7%				145.1	0.7%	
	2025			813,764	0.4%				86.2	0.4%				145.7	0.4%	
	2026			817,511	0.5%				86.6	0.5%				146.3	0.5%	
	2027			820,991	0.4%				87.0	0.4%				146.9	0.4%	
	2028			825,288	0.5%				87.4	0.5%				147.7	0.5%	
	2029			827,222	0.2%				87.6	0.2%				148.0	0.2%	
	2030			830,083	0.3%				87.9	0.3%				148.5	0.3%	
	2031			832,856	0.3%				88.2	0.3%				149.0	0.3%	
	2032			836,561	0.4%				88.6	0.4%				149.7	0.4%	
	2033			837,849	0.2%				88.7	0.1%				149.9	0.1%	
	2034			840,064	0.3%				89.0	0.3%				150.3	0.3%	
	2035			842,104	0.2%				89.2	0.2%				150.7	0.2%	
	2036			845,178	0.4%				89.5	0.4%				151.2	0.4%	
	2037			846,022	0.1%				89.6	0.1%				151.4	0.1%	
	2038			847,836	0.2%				89.8	0.2%				151.7	0.2%	
CAGR [3]	2009-2018		0.2%		-0.1%			-2.1%		-0.2%			0.4%		1.6%	
	2019-2028				0.9%					0.8%					0.8%	
	2029-2038				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 2019 Load Forecast - High Economic Case

Keys Energy

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	732,928	-	743,335	-	1.4%	107.9	-	77.5%	135.0	-	62.0%
	2010	747,958	2.1%	735,731	-1.0%	-1.6%	126.3	17.0%	67.6%	136.3	0.9%	62.7%
	2011	747,355	-0.1%	742,392	0.9%	-0.7%	116.7	-7.6%	73.1%	139.7	2.5%	61.1%
	2012	745,122	-0.3%	749,672	1.0%	0.6%	111.9	-4.1%	76.0%	137.0	-1.9%	62.1%
	2013	738,003	-1.0%	749,741	0.0%	1.6%	115.9	3.6%	72.7%	136.1	-0.7%	61.9%
	2014	770,420	4.4%	750,157	0.1%	-2.6%	115.1	-0.7%	76.4%	144.2	6.0%	61.0%
	2015	779,772	1.2%	764,304	1.9%	-2.0%	124.0	7.7%	71.8%	146.7	1.8%	60.7%
	2016	800,141	2.6%	782,779	2.4%	-2.2%	128.5	3.6%	71.1%	147.2	0.3%	62.1%
	2017	764,330	-4.5%	737,072	-5.8%	-3.6%	116.6	-9.2%	74.8%	148.0	0.6%	59.0%
	2018	746,631	-2.3%	738,024	0.1%	-1.2%	127.9	9.7%	66.6%	145.0	-2.0%	58.8%
Projected	2019	761,890	2.0%	761,890	3.2%		122.9	-3.9%	70.7%	147.0	1.4%	59.1%
	2020	783,467	2.8%	783,467	2.8%		125.5	2.1%	71.2%	150.2	2.1%	59.6%
	2021	790,105	0.8%	790,105	0.8%		126.6	0.8%	71.2%	151.4	0.8%	59.6%
	2022	798,001	1.0%	798,001	1.0%		127.8	1.0%	71.3%	152.9	1.0%	59.6%
	2023	804,645	0.8%	804,645	0.8%		128.8	0.8%	71.3%	154.1	0.8%	59.6%
	2024	810,689	0.8%	810,689	0.8%		129.7	0.7%	71.3%	155.2	0.7%	59.6%
	2025	813,764	0.4%	813,764	0.4%		130.2	0.4%	71.3%	155.8	0.4%	59.6%
	2026	817,511	0.5%	817,511	0.5%		130.8	0.5%	71.3%	156.5	0.5%	59.6%
	2027	820,991	0.4%	820,991	0.4%		131.4	0.4%	71.3%	157.1	0.4%	59.7%
	2028	825,288	0.5%	825,288	0.5%		132.0	0.5%	71.4%	157.9	0.5%	59.7%
	2029	827,222	0.2%	827,222	0.2%		132.3	0.2%	71.4%	158.3	0.2%	59.7%
	2030	830,083	0.3%	830,083	0.3%		132.8	0.3%	71.4%	158.8	0.3%	59.7%
	2031	832,856	0.3%	832,856	0.3%		133.2	0.3%	71.4%	159.4	0.3%	59.7%
	2032	836,561	0.4%	836,561	0.4%		133.8	0.4%	71.4%	160.1	0.4%	59.7%
	2033	837,849	0.2%	837,849	0.2%		134.0	0.1%	71.4%	160.3	0.1%	59.7%
	2034	840,064	0.3%	840,064	0.3%		134.4	0.3%	71.4%	160.7	0.3%	59.7%
	2035	842,104	0.2%	842,104	0.2%		134.7	0.2%	71.4%	161.1	0.2%	59.7%
	2036	845,178	0.4%	845,178	0.4%		135.2	0.4%	71.4%	161.7	0.4%	59.7%
	2037	846,022	0.1%	846,022	0.1%		135.3	0.1%	71.4%	161.8	0.1%	59.7%
	2038	847,836	0.2%	847,836	0.2%		135.6	0.2%	71.4%	162.2	0.2%	59.7%
CAGR [1]	2009-2018		0.2%		-0.1%			1.9%	72.8%		0.8%	61.1%
	2019-2028		0.9%		0.9%			0.8%	71.3%		0.8%	59.6%
	2029-2038		0.3%		0.3%			0.3%	71.4%		0.3%	59.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - High Economic Case

Keys Energy

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	50,519	45,778	54,275	58,535	66,981	70,740	77,889	76,816	68,767	68,358	54,054	54,862	747,573	732,928
	2010	55,108	46,156	51,199	54,579	69,250	76,016	75,430	75,371	67,574	61,133	51,645	48,826	732,288	747,958
	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	64,123	54,454	51,096	744,678	746,631
Projected	2019	54,289	49,068	56,559	60,293	67,677	73,426	78,610	79,092	73,204	66,606	56,750	53,534	769,106	761,890
	2020	56,442	51,734	58,184	61,922	69,331	74,850	79,908	80,164	74,041	67,381	57,372	54,050	785,380	783,467
	2021	56,997	51,210	58,747	62,489	69,946	75,548	80,671	80,930	74,765	68,041	57,963	54,644	791,951	790,105
	2022	57,661	51,763	59,377	63,116	70,623	76,239	81,407	81,683	75,484	68,681	58,499	55,142	799,676	798,001
	2023	58,179	52,213	59,889	63,640	71,195	76,841	82,035	82,295	76,034	69,167	58,902	55,514	805,905	804,645
	2024	58,563	53,614	60,268	64,027	71,620	77,290	82,508	82,759	76,458	69,544	59,220	55,811	811,681	810,689
	2025	58,874	52,819	60,582	64,352	71,980	77,674	82,917	83,164	76,828	69,876	59,500	56,074	814,638	813,764
	2026	59,150	53,063	60,864	64,646	72,308	78,026	83,294	83,538	77,173	70,186	59,763	56,321	818,332	817,511
	2027	59,410	53,292	61,127	64,919	72,612	78,352	83,640	83,882	77,487	70,468	60,001	56,544	821,734	820,991
	2028	59,646	54,588	61,368	65,172	72,893	78,655	83,964	84,205	77,784	70,736	60,227	56,757	825,995	825,288
Projected	2029	59,870	53,698	61,596	65,409	73,158	78,939	84,267	84,505	78,060	70,983	60,436	56,952	827,874	827,222
	2030	60,077	53,883	61,810	65,634	73,410	79,211	84,559	84,797	78,330	71,227	60,642	57,146	830,727	830,083
	2031	60,282	54,064	62,018	65,852	73,652	79,472	84,839	85,076	78,586	71,457	60,837	57,328	833,464	832,856
	2032	60,474	55,336	62,213	66,056	73,880	79,718	85,100	85,336	78,824	71,671	61,017	57,496	837,122	836,561
	2033	60,651	54,390	62,392	66,244	74,089	79,942	85,340	85,575	79,043	71,868	61,182	57,650	838,366	837,849
	2034	60,814	54,534	62,558	66,418	74,283	80,151	85,563	85,797	79,246	72,050	61,336	57,793	840,543	840,064
	2035	60,965	54,667	62,711	66,578	74,461	80,343	85,768	86,000	79,433	72,217	61,477	57,925	842,544	842,104
	2036	61,105	55,907	62,856	66,731	74,633	80,531	85,970	86,204	79,621	72,388	61,622	58,061	845,630	845,178
	2037	61,250	54,920	63,002	66,885	74,805	80,717	86,169	86,401	79,802	72,550	61,758	58,187	846,447	846,022
	2038	61,383	55,039	63,137	67,028	74,964	80,888	86,351	86,583	79,968	72,699	61,883	58,304	848,226	847,836

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	6.8%	6.1%	7.3%	7.8%	9.0%	9.5%	10.4%	10.3%	9.2%	9.1%	7.2%	7.3%	100.0%
	2010	7.5%	6.3%	7.0%	7.5%	9.5%	10.4%	10.3%	10.3%	9.2%	8.3%	7.1%	6.7%	100.0%
	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	6.5%	7.2%	7.2%	8.1%	8.3%	9.5%	10.7%	10.3%	9.5%	8.6%	7.3%	6.9%	100.0%
Projected	2019	7.1%	6.4%	7.4%	7.8%	8.8%	9.5%	10.2%	10.3%	9.5%	8.7%	7.4%	7.0%	100.0%
	2020	7.2%	6.6%	7.4%	7.9%	8.8%	9.5%	10.2%	10.2%	9.4%	8.6%	7.3%	6.9%	100.0%
	2021	7.2%	6.5%	7.4%	7.9%	8.8%	9.5%	10.2%	10.2%	9.4%	8.6%	7.3%	6.9%	100.0%
	2022	7.2%	6.5%	7.4%	7.9%	8.8%	9.5%	10.2%	10.2%	9.4%	8.6%	7.3%	6.9%	100.0%
	2023	7.2%	6.5%	7.4%	7.9%	8.8%	9.5%	10.2%	10.2%	9.4%	8.6%	7.3%	6.9%	100.0%
	2024	7.2%	6.6%	7.4%	7.9%	8.8%	9.5%	10.2%	10.2%	9.4%	8.6%	7.3%	6.9%	100.0%
	2025	7.2%	6.5%	7.4%	7.9%	8.8%	9.5%	10.2%	10.2%	9.4%	8.6%	7.3%	6.9%	100.0%
	2026	7.2%	6.5%	7.4%	7.9%	8.8%	9.5%	10.2%	10.2%	9.4%	8.6%	7.3%	6.9%	100.0%
	2027	7.2%	6.5%	7.4%	7.9%	8.8%	9.5%	10.2%	10.2%	9.4%	8.6%	7.3%	6.9%	100.0%
	2028	7.2%	6.6%	7.4%	7.9%	8.8%	9.5%	10.2%	10.2%	9.4%	8.6%	7.3%	6.9%	100.0%
Avg.	2009-2018	6.9%	6.6%	7.5%	8.0%	9.0%	9.5%	10.3%	10.2%	8.9%	8.6%	7.2%	7.2%	100.0%
	2019-2028	7.2%	6.5%	7.4%	7.9%	8.8%	9.5%	10.2%	10.2%	9.4%	8.6%	7.3%	6.9%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - High Economic Case

Keys Energy

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	96.8	107.9	107.4	115.0	123.5	131.1	135.0	133.5	129.5	127.4	114.9	107.9	107.9	135.0
	2010	126.3	94.3	102.3	110.3	127.3	134.9	132.3	136.3	128.4	119.1	111.7	105.2	126.3	136.3
	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	128.8	112.0	109.4	127.9	145.0
Projected	2019	110.5	115.2	122.9	126.9	135.7	141.4	147.0	145.1	138.1	130.6	113.6	111.7	122.9	147.0
	2020	112.8	117.6	125.5	129.5	138.5	144.4	150.2	148.1	141.1	133.3	116.0	112.6	125.5	150.2
	2021	113.8	118.6	126.6	130.6	139.7	145.6	151.4	149.4	142.2	134.4	117.0	113.7	126.6	151.4
	2022	114.9	119.7	127.8	131.9	141.1	147.0	152.9	150.8	143.6	135.7	118.1	114.6	127.8	152.9
	2023	115.8	120.7	128.8	132.9	142.2	148.2	154.1	152.0	144.7	136.8	119.0	115.5	128.8	154.1
	2024	116.6	121.5	129.7	133.9	143.2	149.2	155.2	153.1	145.8	137.8	119.9	115.9	129.7	155.2
	2025	117.0	122.0	130.2	134.4	143.7	149.8	155.8	153.6	146.3	138.3	120.3	116.4	130.2	155.8
	2026	117.6	122.5	130.8	135.0	144.4	150.5	156.5	154.3	147.0	138.9	120.9	116.9	130.8	156.5
	2027	118.0	123.0	131.4	135.5	145.0	151.1	157.1	155.0	147.6	139.5	121.4	117.5	131.4	157.1
	2028	118.7	123.7	132.0	136.2	145.7	151.9	157.9	155.8	148.4	140.2	122.0	117.8	132.0	157.9
Projected	2029	118.9	124.0	132.3	136.6	146.0	152.2	158.3	156.1	148.7	140.5	122.3	118.2	132.3	158.3
	2030	119.3	124.4	132.8	137.0	146.5	152.7	158.8	156.7	149.2	141.0	122.7	118.6	132.8	158.8
	2031	119.7	124.8	133.2	137.5	147.0	153.2	159.4	157.2	149.7	141.5	123.1	119.1	133.2	159.4
	2032	120.3	125.4	133.8	138.1	147.7	153.9	160.1	157.9	150.3	142.1	123.6	119.3	133.8	160.1
	2033	120.4	125.5	134.0	138.3	147.9	154.1	160.3	158.1	150.6	142.3	123.8	119.6	134.0	160.3
	2034	120.7	125.9	134.4	138.6	148.3	154.5	160.7	158.5	151.0	142.7	124.2	119.8	134.4	160.7
	2035	121.0	126.2	134.7	139.0	148.6	154.9	161.1	158.9	151.3	143.0	124.4	120.3	134.7	161.1
	2036	121.5	126.6	135.2	139.5	149.2	155.5	161.7	159.5	151.9	143.6	124.9	120.4	135.2	161.7
	2037	121.6	126.7	135.3	139.6	149.3	155.6	161.8	159.6	152.0	143.7	125.0	120.7	135.3	161.8
	2038	121.9	127.0	135.6	139.9	149.6	156.0	162.2	160.0	152.3	144.0	125.3	120.9	135.6	162.2

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	70.2%	63.1%	67.9%	68.4%	80.7%	72.5%	80.1%	77.3%	73.8%	72.1%	63.3%	70.6%	79.1%	63.2%
	2010	58.7%	72.8%	67.2%	66.5%	80.9%	75.7%	79.2%	74.3%	73.1%	69.0%	62.2%	64.5%	66.2%	61.3%
	2011	70.8%	73.1%	64.7%	70.0%	80.5%	71.5%	77.6%	75.3%	75.0%	67.9%	68.3%	73.1%	73.7%	61.6%
	2012	71.4%	69.3%	71.6%	65.6%	78.0%	70.2%	75.5%	75.0%	73.1%	71.2%	68.9%	70.1%	76.1%	62.1%
	2013	72.5%	67.1%	59.9%	67.1%	76.6%	70.3%	73.6%	73.5%	72.4%	70.6%	67.5%	74.3%	74.1%	63.1%
	2014	66.3%	70.4%	66.1%	65.7%	81.6%	70.0%	76.5%	75.3%	69.6%	69.5%	61.7%	69.1%	75.1%	60.0%
	2015	66.0%	64.2%	68.4%	66.3%	79.5%	70.0%	76.9%	74.6%	71.2%	70.7%	67.3%	70.5%	74.2%	62.7%
	2016	57.9%	62.3%	64.9%	63.4%	76.6%	71.6%	77.6%	74.0%	71.8%	68.8%	68.5%	72.9%	69.9%	61.0%
	2017	65.5%	68.5%	65.9%	65.0%	76.3%	72.5%	76.7%	73.5%	46.5%	69.9%	57.3%	67.1%	73.8%	58.1%
	2018	68.3%	71.2%	62.0%	65.6%	78.1%	70.5%	76.0%	73.9%	72.9%	66.9%	65.3%	64.9%	66.5%	58.6%
Projected	2019	66.0%	63.4%	61.8%	63.9%	74.2%	69.8%	74.2%	73.3%	73.6%	68.6%	67.1%	66.6%	71.4%	59.7%
	2020	67.2%	63.2%	62.3%	64.2%	74.5%	69.7%	73.9%	72.7%	72.9%	67.9%	66.5%	66.6%	71.4%	59.7%
	2021	67.3%	64.3%	62.4%	64.3%	74.5%	69.7%	74.0%	72.8%	73.0%	68.0%	66.6%	66.7%	71.4%	59.7%
	2022	67.5%	64.3%	62.4%	64.3%	74.5%	69.7%	73.9%	72.8%	73.0%	68.0%	66.6%	66.8%	71.4%	59.7%
	2023	67.5%	64.4%	62.5%	64.3%	74.5%	69.7%	73.9%	72.8%	73.0%	68.0%	66.5%	66.8%	71.4%	59.7%
	2024	67.5%	63.4%	62.4%	64.3%	74.4%	69.6%	73.8%	72.7%	72.8%	67.8%	66.4%	66.9%	71.4%	59.7%
	2025	67.6%	64.4%	62.5%	64.4%	74.5%	69.7%	73.9%	72.8%	72.9%	67.9%	66.5%	66.9%	71.4%	59.7%
	2026	67.6%	64.4%	62.5%	64.4%	74.5%	69.7%	73.9%	72.7%	72.9%	67.9%	66.5%	66.9%	71.4%	59.7%
	2027	67.6%	64.4%	62.5%	64.4%	74.5%	69.7%	73.9%	72.7%	72.9%	67.9%	66.4%	66.8%	71.4%	59.7%
	2028	67.6%	63.4%	62.5%	64.3%	74.4%	69.6%	73.8%	72.6%	72.8%	67.8%	66.4%	66.9%	71.4%	59.7%
Avg.	2009-2018	66.8%	68.2%	65.9%	66.3%	78.9%	71.5%	77.0%	74.7%	69.9%	69.7%	65.0%	69.7%	72.9%	61.2%
	2019-2028	67.4%	64.0%	62.4%	64.3%	74.5%	69.7%	74.0%	72.8%	73.0%	68.0%	66.5%	66.8%	71.4%	59.7%

FMPA 2019 Load Forecast - High Economic Case

Keys Energy

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	81.5	91.9	68.5	95.1	113.7	130.0	132.0	120.1	123.0	126.9	114.9	67.1	91.9	130.0
	2010	116.0	75.9	83.2	98.2	103.4	133.4	130.9	133.1	118.6	119.1	111.7	76.9	116.0	133.4
	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	125.5	101.2	83.6	75.6	135.2
Projected	2019	81.4	87.8	104.1	118.4	125.9	135.6	139.2	137.5	131.3	127.3	102.7	85.3	81.4	137.5
	2020	83.1	89.7	106.3	120.9	128.6	138.5	142.2	140.4	134.0	129.9	104.8	86.0	83.1	140.4
	2021	83.8	90.5	107.2	121.9	129.7	139.6	143.4	141.6	135.2	131.0	105.7	86.9	83.8	141.6
	2022	84.6	91.3	108.2	123.1	130.9	141.0	144.8	143.0	136.5	132.3	106.7	87.6	84.6	143.0
	2023	85.3	92.0	109.1	124.1	132.0	142.1	145.9	144.1	137.5	133.3	107.6	88.2	85.3	144.1
	2024	85.9	92.7	109.9	125.0	132.9	143.1	146.9	145.1	138.5	134.3	108.3	88.5	85.9	145.1
	2025	86.2	93.0	110.3	125.4	133.4	143.6	147.5	145.7	139.0	134.8	108.7	88.9	86.2	145.7
	2026	86.6	93.5	110.8	126.0	134.0	144.3	148.1	146.3	139.7	135.4	109.2	89.3	86.6	146.3
	2027	87.0	93.9	111.2	126.5	134.6	144.9	148.8	146.9	140.2	136.0	109.7	89.7	87.0	146.9
	2028	87.4	94.3	111.8	127.2	135.2	145.6	149.5	147.7	141.0	136.7	110.3	89.9	87.4	147.7
Projected	2029	87.6	94.6	112.0	127.5	135.6	146.0	149.9	148.0	141.3	137.0	110.5	90.3	87.6	148.0
	2030	87.9	94.9	112.4	127.9	136.0	146.5	150.4	148.5	141.8	137.4	110.9	90.6	87.9	148.5
	2031	88.2	95.2	112.8	128.3	136.5	146.9	150.9	149.0	142.2	137.9	111.2	90.9	88.2	149.0
	2032	88.6	95.6	113.3	128.9	137.1	147.6	151.5	149.7	142.9	138.5	111.7	91.1	88.6	149.7
	2033	88.7	95.8	113.5	129.1	137.3	147.8	151.8	149.9	143.1	138.7	111.9	91.3	88.7	149.9
	2034	89.0	96.0	113.8	129.4	137.6	148.2	152.2	150.3	143.4	139.1	112.2	91.5	89.0	150.3
	2035	89.2	96.2	114.0	129.7	138.0	148.5	152.5	150.7	143.8	139.4	112.5	91.9	89.2	150.7
	2036	89.5	96.6	114.4	130.2	138.5	149.1	153.1	151.2	144.3	139.9	112.9	92.0	89.5	151.2
	2037	89.6	96.7	114.6	130.3	138.6	149.2	153.2	151.4	144.5	140.1	113.0	92.2	89.6	151.4
	2038	89.8	96.9	114.8	130.6	138.9	149.6	153.6	151.7	144.8	140.3	113.2	92.3	89.8	151.7

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	84.3%	85.2%	63.8%	82.7%	92.1%	99.2%	97.8%	90.0%	95.0%	99.6%	100.0%	62.2%	85.2%	96.3%
	2010	91.9%	80.5%	81.3%	89.0%	81.2%	98.8%	98.9%	97.7%	92.3%	100.0%	100.0%	73.1%	91.9%	97.9%
	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%	97.5%	90.4%	76.4%	59.1%	93.2%
Projected	2019	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2020	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2021	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2022	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2023	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2024	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2025	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2026	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2027	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2028	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2009-2018	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.4%	94.8%	95.0%	97.8%	91.0%	77.0%	76.6%	95.0%
	2019-2028	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%

FMPA 2019 Load Forecast - High Economic Case - Keys

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	310,120		24,093		12,872		300,227		3,945		76.1		68,353		4,184		682,884		50,044	6.8%	732,928	
	2010	332,705	7.3%	24,279	0.8%	13,704	6.5%	306,775	2.2%	3,969	0.6%	77.3	1.6%	64,149	-6.2%	4,201	0.4%	707,831	3.7%	40,127	5.4%	747,958	2.1%
	2011	327,810	-1.5%	24,480	0.8%	13,391	-2.3%	307,356	0.2%	4,043	1.9%	76.0	-1.6%	60,740	-5.3%	3,897	-7.3%	699,803	-1.1%	47,552	6.4%	747,355	-0.1%
	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%
Projected	2019	350,969	2.7%	25,705	0.2%	13,653	2.5%	316,396	7.5%	4,507	0.0%	70.2	7.5%	49,791	4.6%	2,400	-14.6%	719,556	4.8%	42,334	5.6%	761,890	2.0%
	2020	357,906	2.0%	25,916	0.8%	13,810	1.1%	327,363	3.5%	4,532	0.6%	72.2	2.9%	49,279	-1.0%	2,376	-1.0%	736,924	2.4%	46,543	5.9%	783,467	2.8%
	2021	361,980	1.1%	25,996	0.3%	13,925	0.8%	331,590	1.3%	4,557	0.6%	72.8	0.7%	48,244	-2.1%	2,352	-1.0%	744,167	1.0%	45,939	5.8%	790,105	0.8%
	2022	366,114	1.1%	26,073	0.3%	14,042	0.8%	335,773	1.3%	4,582	0.5%	73.3	0.7%	47,396	-1.8%	2,329	-1.0%	751,611	1.0%	46,390	5.8%	798,001	1.0%
	2023	369,152	0.8%	26,146	0.3%	14,119	0.5%	339,721	1.2%	4,607	0.5%	73.7	0.6%	46,700	-1.5%	2,305	-1.0%	757,879	0.8%	46,766	5.8%	804,645	0.8%
	2024	371,358	0.6%	26,217	0.3%	14,165	0.3%	342,803	0.9%	4,631	0.5%	74.0	0.4%	46,130	-1.2%	2,282	-1.0%	762,574	0.6%	48,115	5.9%	810,689	0.8%
	2025	373,275	0.5%	26,284	0.3%	14,202	0.3%	345,283	0.7%	4,654	0.5%	74.2	0.2%	45,663	-1.0%	2,260	-1.0%	766,480	0.5%	47,284	5.8%	813,764	0.4%
	2026	375,051	0.5%	26,349	0.2%	14,234	0.2%	347,444	0.6%	4,678	0.5%	74.3	0.1%	45,279	-0.8%	2,237	-1.0%	770,011	0.5%	47,500	5.8%	817,511	0.5%
	2027	376,726	0.4%	26,412	0.2%	14,264	0.2%	349,384	0.6%	4,700	0.5%	74.3	0.1%	44,965	-0.7%	2,215	-1.0%	773,290	0.4%	47,701	5.8%	820,991	0.4%
	2028	378,260	0.4%	26,472	0.2%	14,289	0.2%	351,153	0.5%	4,722	0.5%	74.4	0.0%	44,708	-0.6%	2,192	-1.0%	776,314	0.4%	48,974	5.9%	825,288	0.5%
	2029	379,711	0.4%	26,530	0.2%	14,313	0.2%	352,783	0.5%	4,743	0.5%	74.4	0.0%	44,497	-0.5%	2,171	-1.0%	779,161	0.4%	48,061	5.8%	827,222	0.2%
	2030	381,092	0.4%	26,586	0.2%	14,335	0.2%	354,292	0.4%	4,764	0.4%	74.4	0.0%	44,324	-0.4%	2,149	-1.0%	781,856	0.3%	48,227	5.8%	830,083	0.3%
	2031	382,489	0.4%	26,639	0.2%	14,358	0.2%	355,672	0.4%	4,784	0.4%	74.3	0.0%	44,182	-0.3%	2,127	-1.0%	784,469	0.3%	48,387	5.8%	832,856	0.3%
	2032	383,819	0.3%	26,691	0.2%	14,380	0.2%	356,930	0.4%	4,804	0.4%	74.3	-0.1%	44,066	-0.3%	2,106	-1.0%	786,922	0.3%	49,640	5.9%	836,561	0.4%
	2033	385,043	0.3%	26,741	0.2%	14,399	0.1%	358,076	0.3%	4,823	0.4%	74.2	-0.1%	43,970	-0.2%	2,085	-1.0%	789,174	0.3%	48,675	5.8%	837,849	0.2%
	2034	386,186	0.3%	26,790	0.2%	14,415	0.1%	359,119	0.3%	4,841	0.4%	74.2	-0.1%	43,892	-0.2%	2,064	-1.0%	791,262	0.3%	48,802	5.8%	840,064	0.3%
	2035	387,223	0.3%	26,837	0.2%	14,429	0.1%	360,089	0.3%	4,859	0.4%	74.1	-0.1%	43,828	-0.1%	2,043	-1.0%	793,184	0.2%	48,920	5.8%	842,104	0.2%
	2036	388,236	0.3%	26,882	0.2%	14,442	0.1%	360,996	0.3%	4,876	0.4%	74.0	-0.1%	43,776	-0.1%	2,023	-1.0%	795,030	0.2%	50,148	5.9%	845,178	0.4%
	2037	389,284	0.3%	26,926	0.2%	14,458	0.1%	361,855	0.2%	4,893	0.3%	74.0	-0.1%	43,733	-0.1%	2,003	-1.0%	796,875	0.2%	49,147	5.8%	846,022	0.1%
	2038	390,237	0.2%	26,968	0.2%	14,470	0.1%	362,666	0.2%	4,909	0.3%	73.9	-0.1%	43,697	-0.1%	1,983	-1.0%	798,584	0.2%	49,252	5.8%	847,836	0.2%
CAGR	2009-2018		1.1%		0.7%		0.4%		-0.2%		1.5%		-1.7%		-3.9%		-4.3%		0.1%		5.9%		0.2%
	2019-2028		0.8%		0.3%		0.5%		1.2%		0.5%		0.6%		-1.2%		-1.0%		0.8%		5.8%		0.9%
	2029-2038		0.3%		0.2%		0.1%		0.3%		0.4%		-0.1%		-0.2%		-1.0%		0.3%		5.8%		0.3%

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

FMPA 2019 Load Forecast - Mild Weather Case

Keys Energy

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	732,928	-	743,335	-	1.4%	91.9	-	79.9	-	-13.1%	130.0	-	122.8		-5.6%
	2010	747,958	2.1%	735,731	-1.0%	-1.6%	116.0	26.2%	104.8	31.1%	-9.7%	133.4	2.6%	131.1	6.8%	-1.7%
	2011	747,355	-0.1%	742,392	0.9%	-0.7%	76.9	-33.7%	88.3	-15.8%	14.7%	134.8	1.1%	134.4	2.5%	-0.3%
	2012	745,122	-0.3%	749,672	1.0%	0.6%	80.6	4.7%	80.2	-9.2%	-0.5%	136.7	1.4%	142.0	5.7%	3.9%
	2013	738,003	-1.0%	749,741	0.0%	1.6%	70.6	-12.3%	77.7	-3.1%	10.1%	129.6	-5.2%	130.8	-7.9%	0.9%
	2014	770,420	4.4%	750,157	0.1%	-2.6%	75.0	6.2%	79.9	2.7%	6.5%	132.7	2.4%	135.6	3.7%	2.2%
	2015	779,772	1.2%	764,304	1.9%	-2.0%	89.9	19.9%	80.1	0.3%	-11.0%	130.0	-2.1%	126.7	-6.6%	-2.6%
	2016	800,141	2.6%	782,779	2.4%	-2.2%	123.7	37.5%	84.9	6.0%	-31.4%	140.6	8.1%	140.7	11.1%	0.1%
	2017	764,330	-4.5%	737,072	-5.8%	-3.6%	112.6	-8.9%	79.3	-6.6%	-29.6%	140.7	0.1%	136.8	-2.8%	-2.8%
	2018	746,631	-2.3%	738,024	0.1%	-1.2%	75.6	-32.8%	78.3	-1.3%	3.5%	135.2	-3.9%	141.7	3.6%	4.8%
Projected	2019	746,407	0.0%	746,407	1.1%		79.6	5.2%	79.6	1.6%		134.4	-0.6%	134.4	-5.1%	
	2020			763,487	2.3%				80.9	1.7%				136.7	1.7%	
	2021			765,626	0.3%				81.1	0.2%				137.0	0.2%	
	2022			768,319	0.4%				81.4	0.3%				137.5	0.3%	
	2023			770,493	0.3%				81.6	0.3%				137.9	0.3%	
	2024			773,271	0.4%				81.9	0.4%				138.3	0.4%	
	2025			773,904	0.1%				81.9	0.1%				138.5	0.1%	
	2026			775,518	0.2%				82.1	0.2%				138.7	0.2%	
	2027			777,123	0.2%				82.3	0.2%				139.0	0.2%	
	2028			779,676	0.3%				82.6	0.3%				139.5	0.3%	
	2029			780,159	0.1%				82.6	0.1%				139.6	0.1%	
	2030			781,631	0.2%				82.8	0.2%				139.8	0.2%	
	2031			783,116	0.2%				82.9	0.2%				140.1	0.2%	
	2032			785,549	0.3%				83.2	0.3%				140.5	0.3%	
	2033			785,796	0.0%				83.2	0.0%				140.6	0.0%	
	2034			786,964	0.1%				83.3	0.1%				140.8	0.1%	
	2035			788,021	0.1%				83.4	0.1%				141.0	0.1%	
	2036			790,089	0.3%				83.6	0.3%				141.3	0.3%	
	2037			790,132	0.0%				83.6	0.0%				141.3	0.0%	
	2038			791,118	0.1%				83.7	0.1%				141.5	0.1%	
CAGR [3]	2009-2018		0.2%		-0.1%			-2.1%		-0.2%			0.4%		1.6%	
	2019-2028				0.5%					0.4%					0.4%	
	2029-2038				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 2019 Load Forecast - Mild Weather Case

Keys Energy

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	732,928	-	743,335	-	1.4%	107.9	-	77.5%	135.0	-	62.0%
	2010	747,958	2.1%	735,731	-1.0%	-1.6%	126.3	17.0%	67.6%	136.3	0.9%	62.7%
	2011	747,355	-0.1%	742,392	0.9%	-0.7%	116.7	-7.6%	73.1%	139.7	2.5%	61.1%
	2012	745,122	-0.3%	749,672	1.0%	0.6%	111.9	-4.1%	76.0%	137.0	-1.9%	62.1%
	2013	738,003	-1.0%	749,741	0.0%	1.6%	115.9	3.6%	72.7%	136.1	-0.7%	61.9%
	2014	770,420	4.4%	750,157	0.1%	-2.6%	115.1	-0.7%	76.4%	144.2	6.0%	61.0%
	2015	779,772	1.2%	764,304	1.9%	-2.0%	124.0	7.7%	71.8%	146.7	1.8%	60.7%
	2016	800,141	2.6%	782,779	2.4%	-2.2%	128.5	3.6%	71.1%	147.2	0.3%	62.1%
	2017	764,330	-4.5%	737,072	-5.8%	-3.6%	116.6	-9.2%	74.8%	148.0	0.6%	59.0%
	2018	746,631	-2.3%	738,024	0.1%	-1.2%	127.9	9.7%	66.6%	145.0	-2.0%	58.8%
Projected	2019	746,407	0.0%	746,407	1.1%		120.2	-6.0%	70.9%	143.7	-0.9%	59.3%
	2020	763,487	2.3%	763,487	2.3%		122.2	1.7%	71.3%	146.2	1.7%	59.6%
	2021	765,626	0.3%	765,626	0.3%		122.5	0.2%	71.3%	146.5	0.2%	59.6%
	2022	768,319	0.4%	768,319	0.4%		122.9	0.3%	71.4%	147.0	0.3%	59.7%
	2023	770,493	0.3%	770,493	0.3%		123.2	0.3%	71.4%	147.4	0.3%	59.7%
	2024	773,271	0.4%	773,271	0.4%		123.7	0.4%	71.4%	147.9	0.4%	59.7%
	2025	773,904	0.1%	773,904	0.1%		123.8	0.1%	71.4%	148.0	0.1%	59.7%
	2026	775,518	0.2%	775,518	0.2%		124.0	0.2%	71.4%	148.4	0.2%	59.7%
	2027	777,123	0.2%	777,123	0.2%		124.3	0.2%	71.4%	148.7	0.2%	59.7%
	2028	779,676	0.3%	779,676	0.3%		124.7	0.3%	71.4%	149.1	0.3%	59.7%
	2029	780,159	0.1%	780,159	0.1%		124.8	0.1%	71.4%	149.2	0.1%	59.7%
	2030	781,631	0.2%	781,631	0.2%		125.0	0.2%	71.4%	149.5	0.2%	59.7%
	2031	783,116	0.2%	783,116	0.2%		125.2	0.2%	71.4%	149.8	0.2%	59.7%
	2032	785,549	0.3%	785,549	0.3%		125.6	0.3%	71.4%	150.3	0.3%	59.7%
	2033	785,796	0.0%	785,796	0.0%		125.7	0.0%	71.4%	150.3	0.0%	59.7%
	2034	786,964	0.1%	786,964	0.1%		125.8	0.1%	71.4%	150.5	0.1%	59.7%
	2035	788,021	0.1%	788,021	0.1%		126.0	0.1%	71.4%	150.7	0.1%	59.7%
	2036	790,089	0.3%	790,089	0.3%		126.3	0.3%	71.4%	151.1	0.3%	59.7%
	2037	790,132	0.0%	790,132	0.0%		126.3	0.0%	71.4%	151.1	0.0%	59.7%
	2038	791,118	0.1%	791,118	0.1%		126.5	0.1%	71.4%	151.3	0.1%	59.7%
CAGR [1]	2009-2018		0.2%		-0.1%			1.9%	72.8%		0.8%	61.1%
	2019-2028		0.5%		0.5%			0.4%	71.3%		0.4%	59.6%
	2029-2038		0.2%		0.2%			0.2%	71.4%		0.2%	59.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Mild Weather Case

Keys Energy

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	50,519	45,778	54,275	58,535	66,981	70,740	77,889	76,816	68,767	68,358	54,054	54,862	747,573	732,928
	2010	55,108	46,156	51,199	54,579	69,250	76,016	75,430	75,371	67,574	61,133	51,645	48,826	732,288	747,958
	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	64,123	54,454	50,666	744,248	746,631
Projected	2019	52,770	47,629	55,951	60,274	67,645	72,109	75,266	75,516	70,004	64,975	56,635	52,962	751,735	746,407
	2020	54,734	50,081	57,370	61,679	69,029	73,203	76,171	76,186	70,463	65,405	56,966	53,195	764,482	763,487
	2021	54,977	49,305	57,604	61,891	69,239	73,450	76,437	76,444	70,712	65,634	57,191	53,438	766,323	765,626
	2022	55,256	49,515	57,843	62,107	69,455	73,643	76,635	76,662	70,940	65,840	57,369	53,602	768,867	768,319
	2023	55,425	49,659	58,014	62,280	69,646	73,840	76,839	76,860	71,120	66,001	57,506	53,728	770,917	770,493
	2024	55,556	50,786	58,151	62,420	69,802	74,005	77,011	77,029	71,276	66,144	57,630	53,846	773,656	773,271
	2025	55,678	49,881	58,278	62,552	69,949	74,160	77,173	77,190	71,425	66,279	57,748	53,957	774,269	773,904
	2026	55,795	49,984	58,402	62,681	70,094	74,314	77,336	77,352	71,576	66,419	57,870	54,072	775,895	775,518
	2027	55,914	50,089	58,526	62,810	70,238	74,466	77,494	77,507	71,719	66,549	57,984	54,179	777,474	777,123
	2028	56,025	51,208	58,643	62,933	70,376	74,612	77,647	77,660	71,861	66,680	58,098	54,286	780,029	779,676
Projected	2029	56,137	50,286	58,759	63,054	70,510	74,754	77,794	77,806	71,995	66,803	58,205	54,387	780,490	780,159
	2030	56,242	50,380	58,871	63,172	70,644	74,896	77,944	77,955	72,134	66,932	58,317	54,493	781,979	781,631
	2031	56,351	50,476	58,984	63,292	70,777	75,036	78,090	78,101	72,268	67,055	58,425	54,593	783,448	783,116
	2032	56,455	51,596	59,092	63,405	70,903	75,169	78,227	78,236	72,393	67,170	58,524	54,685	785,853	785,549
	2033	56,549	50,651	59,189	63,507	71,016	75,289	78,352	78,359	72,506	67,274	58,614	54,769	786,074	785,796
	2034	56,635	50,728	59,278	63,601	71,121	75,398	78,465	78,472	72,609	67,369	58,696	54,846	787,218	786,964
	2035	56,714	50,797	59,359	63,686	71,215	75,497	78,568	78,573	72,703	67,454	58,770	54,915	788,251	788,021
	2036	56,786	51,896	59,437	63,769	71,309	75,598	78,673	78,680	72,802	67,547	58,852	54,992	790,340	790,089
	2037	56,866	50,932	59,519	63,856	71,406	75,700	78,780	78,785	72,899	67,635	58,928	55,063	790,368	790,132
	2038	56,939	50,997	59,594	63,935	71,494	75,793	78,875	78,879	72,985	67,715	58,997	55,127	791,330	791,118

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	6.8%	6.1%	7.3%	7.8%	9.0%	9.5%	10.4%	10.3%	9.2%	9.1%	7.2%	7.3%	100.0%
	2010	7.5%	6.3%	7.0%	7.5%	9.5%	10.4%	10.3%	10.3%	9.2%	8.3%	7.1%	6.7%	100.0%
	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	6.5%	7.2%	7.2%	8.1%	8.3%	9.5%	10.7%	10.4%	9.5%	8.6%	7.3%	6.8%	100.0%
Projected	2019	7.0%	6.3%	7.4%	8.0%	9.0%	9.6%	10.0%	10.0%	9.3%	8.6%	7.5%	7.0%	100.0%
	2020	7.2%	6.6%	7.5%	8.1%	9.0%	9.6%	10.0%	10.0%	9.2%	8.6%	7.5%	7.0%	100.0%
	2021	7.2%	6.4%	7.5%	8.1%	9.0%	9.6%	10.0%	10.0%	9.2%	8.6%	7.5%	7.0%	100.0%
	2022	7.2%	6.4%	7.5%	8.1%	9.0%	9.6%	10.0%	10.0%	9.2%	8.6%	7.5%	7.0%	100.0%
	2023	7.2%	6.4%	7.5%	8.1%	9.0%	9.6%	10.0%	10.0%	9.2%	8.6%	7.5%	7.0%	100.0%
	2024	7.2%	6.6%	7.5%	8.1%	9.0%	9.6%	10.0%	10.0%	9.2%	8.5%	7.4%	7.0%	100.0%
	2025	7.2%	6.4%	7.5%	8.1%	9.0%	9.6%	10.0%	10.0%	9.2%	8.6%	7.5%	7.0%	100.0%
	2026	7.2%	6.4%	7.5%	8.1%	9.0%	9.6%	10.0%	10.0%	9.2%	8.6%	7.5%	7.0%	100.0%
	2027	7.2%	6.4%	7.5%	8.1%	9.0%	9.6%	10.0%	10.0%	9.2%	8.6%	7.5%	7.0%	100.0%
	2028	7.2%	6.6%	7.5%	8.1%	9.0%	9.6%	10.0%	10.0%	9.2%	8.5%	7.4%	7.0%	100.0%
Avg.	2009-2018	7.0%	6.6%	7.5%	8.0%	9.0%	9.5%	10.3%	10.2%	8.9%	8.6%	7.2%	7.2%	100.0%
	2019-2028	7.2%	6.5%	7.5%	8.1%	9.0%	9.6%	10.0%	10.0%	9.2%	8.6%	7.5%	7.0%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Mild Weather Case

Keys Energy

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	96.8	107.9	107.4	115.0	123.5	131.1	135.0	133.5	129.5	127.4	114.9	107.9	107.9	135.0
	2010	126.3	94.3	102.3	110.3	127.3	134.9	132.3	136.3	128.4	119.1	111.7	105.2	126.3	136.3
	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	128.8	112.0	106.9	127.9	145.0
Projected	2019	108.0	112.6	120.2	124.0	132.6	138.2	143.7	141.8	135.0	127.6	111.0	108.7	120.2	143.7
	2020	109.8	114.5	122.2	126.1	134.9	140.6	146.2	144.2	137.3	129.8	112.9	109.0	122.2	146.2
	2021	110.1	114.8	122.5	126.4	135.2	140.9	146.5	144.5	137.6	130.1	113.2	109.4	122.5	146.5
	2022	110.5	115.1	122.9	126.8	135.6	141.4	147.0	145.0	138.1	130.5	113.6	109.7	122.9	147.0
	2023	110.8	115.4	123.2	127.2	136.0	141.8	147.4	145.4	138.5	130.9	113.9	110.1	123.2	147.4
	2024	111.1	115.9	123.7	127.6	136.5	142.3	147.9	145.9	139.0	131.3	114.3	110.1	123.7	147.9
	2025	111.2	115.9	123.8	127.7	136.6	142.4	148.0	146.0	139.1	131.4	114.4	110.4	123.8	148.0
	2026	111.5	116.2	124.0	128.0	136.9	142.7	148.4	146.3	139.4	131.7	114.6	110.6	124.0	148.4
	2027	111.7	116.4	124.3	128.2	137.2	143.0	148.7	146.6	139.6	132.0	114.8	111.0	124.3	148.7
	2028	112.1	116.8	124.7	128.7	137.6	143.4	149.1	147.1	140.1	132.4	115.2	111.0	124.7	149.1
Projected	2029	112.1	116.9	124.8	128.7	137.7	143.5	149.2	147.2	140.2	132.5	115.3	111.2	124.8	149.2
	2030	112.3	117.1	125.0	129.0	138.0	143.8	149.5	147.5	140.5	132.8	115.5	111.4	125.0	149.5
	2031	112.6	117.3	125.2	129.2	138.2	144.1	149.8	147.8	140.7	133.0	115.7	111.8	125.2	149.8
	2032	112.9	117.7	125.6	129.6	138.6	144.5	150.3	148.2	141.1	133.4	116.1	111.8	125.6	150.3
	2033	112.9	117.7	125.7	129.7	138.7	144.5	150.3	148.3	141.2	133.4	116.1	112.0	125.7	150.3
	2034	113.1	117.9	125.8	129.9	138.9	144.8	150.5	148.5	141.4	133.6	116.3	112.1	125.8	150.5
	2035	113.2	118.0	126.0	130.0	139.1	144.9	150.7	148.7	141.6	133.8	116.4	112.4	126.0	150.7
	2036	113.5	118.4	126.3	130.4	139.4	145.3	151.1	149.1	142.0	134.2	116.7	112.4	126.3	151.1
	2037	113.5	118.4	126.3	130.4	139.4	145.3	151.1	149.1	142.0	134.2	116.7	112.6	126.3	151.1
	2038	113.7	118.5	126.5	130.5	139.6	145.5	151.3	149.3	142.1	134.3	116.9	112.7	126.5	151.3

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	70.2%	63.1%	67.9%	68.4%	80.7%	72.5%	80.1%	77.3%	73.8%	72.1%	63.3%	70.6%	79.1%	63.2%
	2010	58.7%	72.8%	67.2%	66.5%	80.9%	75.7%	79.2%	74.3%	73.1%	69.0%	62.2%	64.5%	66.2%	61.3%
	2011	70.8%	73.1%	64.7%	70.0%	80.5%	71.5%	77.6%	75.3%	75.0%	67.9%	68.3%	73.1%	73.7%	61.6%
	2012	71.4%	69.3%	71.6%	65.6%	78.0%	70.2%	75.5%	75.0%	73.1%	71.2%	68.9%	70.1%	76.1%	62.1%
	2013	72.5%	67.1%	59.9%	67.1%	76.6%	70.3%	73.6%	73.5%	72.4%	70.6%	67.5%	74.3%	74.1%	63.1%
	2014	66.3%	70.4%	66.1%	65.7%	81.6%	70.0%	76.5%	75.3%	69.6%	69.5%	61.7%	69.1%	75.1%	60.0%
	2015	66.0%	64.2%	68.4%	66.3%	79.5%	70.0%	76.9%	74.6%	71.2%	70.7%	67.3%	70.5%	74.2%	62.7%
	2016	57.9%	62.3%	64.9%	63.4%	76.6%	71.6%	77.6%	74.0%	71.8%	68.8%	68.5%	72.9%	69.9%	61.0%
	2017	65.5%	68.5%	65.9%	65.0%	76.3%	72.5%	76.7%	73.5%	46.5%	69.9%	57.3%	67.1%	73.8%	58.1%
	2018	68.3%	71.2%	62.0%	65.6%	78.1%	70.5%	76.0%	73.9%	72.9%	66.9%	65.3%	65.8%	66.4%	58.6%
Projected	2019	65.7%	63.0%	62.6%	65.3%	75.9%	70.1%	72.7%	71.6%	72.0%	68.4%	68.6%	67.6%	71.4%	59.7%
	2020	67.0%	62.9%	63.1%	65.7%	76.2%	70.0%	72.4%	71.0%	71.3%	67.7%	67.8%	67.8%	71.4%	59.7%
	2021	67.1%	63.9%	63.2%	65.8%	76.2%	70.1%	72.5%	71.1%	71.4%	67.8%	67.9%	67.9%	71.4%	59.7%
	2022	67.2%	64.0%	63.3%	65.8%	76.2%	70.0%	72.4%	71.1%	71.3%	67.8%	67.9%	67.9%	71.4%	59.7%
	2023	67.3%	64.0%	63.3%	65.8%	76.2%	70.0%	72.4%	71.0%	71.3%	67.8%	67.9%	67.8%	71.4%	59.7%
	2024	67.2%	63.0%	63.2%	65.7%	76.1%	69.9%	72.3%	70.9%	71.2%	67.7%	67.8%	67.9%	71.4%	59.7%
	2025	67.3%	64.0%	63.3%	65.8%	76.2%	70.0%	72.4%	71.0%	71.3%	67.8%	67.9%	67.9%	71.4%	59.7%
	2026	67.3%	64.0%	63.3%	65.8%	76.2%	70.0%	72.4%	71.0%	71.3%	67.8%	67.9%	67.9%	71.4%	59.7%
	2027	67.3%	64.0%	63.3%	65.8%	76.2%	70.0%	72.4%	71.0%	71.3%	67.8%	67.9%	67.8%	71.4%	59.7%
	2028	67.2%	63.0%	63.2%	65.7%	76.1%	69.9%	72.3%	70.9%	71.2%	67.7%	67.8%	67.9%	71.4%	59.7%
Avg.	2009-2018	66.8%	68.2%	65.9%	66.3%	78.9%	71.5%	77.0%	74.7%	69.9%	69.7%	65.0%	69.8%	72.9%	61.2%
	2019-2028	67.1%	63.6%	63.2%	65.8%	76.2%	70.0%	72.4%	71.1%	71.4%	67.8%	67.9%	67.8%	71.4%	59.7%

FMPA 2019 Load Forecast - Mild Weather Case

Keys Energy

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	81.5	91.9	68.5	95.1	113.7	130.0	132.0	120.1	123.0	126.9	114.9	67.1	91.9	130.0
	2010	116.0	75.9	83.2	98.2	103.4	133.4	130.9	133.1	118.6	119.1	111.7	76.9	116.0	133.4
	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	125.5	101.2	81.7	75.6	135.2
Projected	2019	79.6	85.9	101.7	115.7	123.1	132.5	136.1	134.4	128.3	124.4	100.3	83.1	79.6	134.4
	2020	80.9	87.3	103.5	117.7	125.2	134.8	138.4	136.7	130.5	126.5	102.0	83.3	80.9	136.7
	2021	81.1	87.5	103.7	118.0	125.5	135.1	138.7	137.0	130.8	126.8	102.3	83.5	81.1	137.0
	2022	81.4	87.8	104.1	118.4	125.9	135.6	139.2	137.5	131.2	127.2	102.6	83.8	81.4	137.5
	2023	81.6	88.1	104.3	118.7	126.2	135.9	139.6	137.9	131.6	127.6	102.9	84.1	81.6	137.9
	2024	81.9	88.4	104.7	119.1	126.7	136.4	140.1	138.3	132.0	128.0	103.3	84.1	81.9	138.3
	2025	81.9	88.4	104.8	119.2	126.8	136.5	140.2	138.5	132.1	128.1	103.4	84.3	81.9	138.5
	2026	82.1	88.6	105.0	119.5	127.1	136.8	140.5	138.7	132.4	128.4	103.6	84.5	82.1	138.7
	2027	82.3	88.8	105.2	119.7	127.3	137.1	140.8	139.0	132.7	128.6	103.8	84.8	82.3	139.0
	2028	82.6	89.1	105.6	120.1	127.7	137.5	141.2	139.5	133.1	129.1	104.1	84.8	82.6	139.5
Projected	2029	82.6	89.2	105.6	120.2	127.8	137.6	141.3	139.6	133.2	129.1	104.2	85.0	82.6	139.6
	2030	82.8	89.3	105.8	120.4	128.0	137.9	141.6	139.8	133.5	129.4	104.4	85.1	82.8	139.8
	2031	82.9	89.5	106.0	120.6	128.3	138.1	141.8	140.1	133.7	129.6	104.6	85.4	82.9	140.1
	2032	83.2	89.8	106.4	121.0	128.7	138.6	142.3	140.5	134.1	130.0	104.9	85.4	83.2	140.5
	2033	83.2	89.8	106.4	121.0	128.7	138.6	142.3	140.6	134.2	130.1	104.9	85.5	83.2	140.6
	2034	83.3	89.9	106.5	121.2	128.9	138.8	142.5	140.8	134.4	130.3	105.1	85.6	83.3	140.8
	2035	83.4	90.0	106.7	121.4	129.1	139.0	142.7	141.0	134.5	130.4	105.2	85.9	83.4	141.0
	2036	83.6	90.3	107.0	121.7	129.4	139.4	143.1	141.3	134.9	130.8	105.5	85.9	83.6	141.3
	2037	83.6	90.3	107.0	121.7	129.4	139.4	143.1	141.3	134.9	130.8	105.5	86.0	83.6	141.3
	2038	83.7	90.4	107.1	121.8	129.6	139.5	143.3	141.5	135.1	130.9	105.6	86.1	83.7	141.5

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	84.3%	85.2%	63.8%	82.7%	92.1%	99.2%	97.8%	90.0%	95.0%	99.6%	100.0%	62.2%	85.2%	96.3%
	2010	91.9%	80.5%	81.3%	89.0%	81.2%	98.8%	98.9%	97.7%	92.3%	100.0%	100.0%	73.1%	91.9%	97.9%
	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%	97.5%	90.4%	76.4%	59.1%	93.2%
Projected	2019	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2020	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2021	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2022	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2023	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2024	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2025	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2026	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2027	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2028	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2009-2018	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.4%	94.8%	95.0%	97.8%	91.0%	77.0%	76.6%	95.0%
	2019-2028	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%

FMPA 2019 Load Forecast - Mild Weather Case - Keys

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	310,120		24,093		12,872		300,227		3,945		76.1		68,353		4,184		682,884		50,044	6.8%	732,928	
	2010	332,705	7.3%	24,279	0.8%	13,704	6.5%	306,775	2.2%	3,969	0.6%	77.3	1.6%	64,149	-6.2%	4,201	0.4%	707,831	3.7%	40,127	5.4%	747,958	2.1%
	2011	327,810	-1.5%	24,480	0.8%	13,391	-2.3%	307,356	0.2%	4,043	1.9%	76.0	-1.6%	60,740	-5.3%	3,897	-7.3%	699,803	-1.1%	47,552	6.4%	747,355	-0.1%
	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%
Projected	2019	340,210	-0.4%	25,705	0.2%	13,235	-0.7%	313,177	6.4%	4,507	0.0%	69.5	6.4%	49,133	3.2%	2,400	-14.6%	704,921	2.7%	41,486	5.6%	746,407	0.0%
	2020	344,761	1.3%	25,916	0.8%	13,303	0.5%	322,355	2.9%	4,532	0.6%	71.1	2.4%	48,552	-1.2%	2,376	-1.0%	718,043	1.9%	45,444	6.0%	763,487	2.3%
	2021	346,500	0.5%	25,996	0.3%	13,329	0.2%	324,639	0.7%	4,557	0.6%	71.2	0.2%	47,532	-2.1%	2,352	-1.0%	721,023	0.4%	44,603	5.8%	765,626	0.3%
	2022	347,985	0.4%	26,073	0.3%	13,347	0.1%	326,561	0.6%	4,582	0.5%	71.3	0.0%	46,696	-1.8%	2,329	-1.0%	723,570	0.4%	44,749	5.8%	768,319	0.4%
	2023	349,111	0.3%	26,146	0.3%	13,352	0.0%	328,193	0.5%	4,607	0.5%	71.2	0.0%	46,010	-1.5%	2,305	-1.0%	725,620	0.3%	44,873	5.8%	770,493	0.3%
	2024	349,927	0.2%	26,217	0.3%	13,348	0.0%	329,627	0.4%	4,631	0.5%	71.2	-0.1%	45,448	-1.2%	2,282	-1.0%	727,284	0.2%	45,987	5.9%	773,271	0.4%
	2025	350,659	0.2%	26,284	0.3%	13,341	0.0%	330,928	0.4%	4,654	0.5%	71.1	-0.1%	44,988	-1.0%	2,260	-1.0%	728,834	0.2%	45,070	5.8%	773,904	0.1%
	2026	351,382	0.2%	26,349	0.2%	13,336	0.0%	332,124	0.4%	4,678	0.5%	71.0	-0.1%	44,610	-0.8%	2,237	-1.0%	730,353	0.2%	45,164	5.8%	775,518	0.2%
	2027	352,100	0.2%	26,412	0.2%	13,331	0.0%	333,251	0.3%	4,700	0.5%	70.9	-0.1%	44,300	-0.7%	2,215	-1.0%	731,866	0.2%	45,257	5.8%	777,123	0.2%
	2028	352,755	0.2%	26,472	0.2%	13,326	0.0%	334,316	0.3%	4,722	0.5%	70.8	-0.1%	44,047	-0.6%	2,192	-1.0%	733,309	0.2%	46,367	5.9%	779,676	0.3%
	2029	353,386	0.2%	26,530	0.2%	13,320	0.0%	335,331	0.3%	4,743	0.5%	70.7	-0.1%	43,839	-0.5%	2,171	-1.0%	734,725	0.2%	45,434	5.8%	780,159	0.1%
	2030	353,997	0.2%	26,586	0.2%	13,315	0.0%	336,297	0.3%	4,764	0.4%	70.6	-0.1%	43,668	-0.4%	2,149	-1.0%	736,111	0.2%	45,520	5.8%	781,631	0.2%
	2031	354,661	0.2%	26,639	0.2%	13,313	0.0%	337,194	0.3%	4,784	0.4%	70.5	-0.2%	43,528	-0.3%	2,127	-1.0%	737,510	0.2%	45,606	5.8%	783,116	0.2%
	2032	355,296	0.2%	26,691	0.2%	13,311	0.0%	338,017	0.2%	4,804	0.4%	70.4	-0.2%	43,414	-0.3%	2,106	-1.0%	738,833	0.2%	46,716	5.9%	785,549	0.3%
	2033	355,860	0.2%	26,741	0.2%	13,307	0.0%	338,770	0.2%	4,823	0.4%	70.2	-0.2%	43,320	-0.2%	2,085	-1.0%	740,035	0.2%	45,761	5.8%	785,796	0.0%
	2034	356,375	0.1%	26,790	0.2%	13,303	0.0%	339,454	0.2%	4,841	0.4%	70.1	-0.2%	43,243	-0.2%	2,064	-1.0%	741,136	0.1%	45,828	5.8%	786,964	0.1%
	2035	356,813	0.1%	26,837	0.2%	13,296	-0.1%	340,096	0.2%	4,859	0.4%	70.0	-0.2%	43,179	-0.1%	2,043	-1.0%	742,132	0.1%	45,889	5.8%	788,021	0.1%
	2036	357,249	0.1%	26,882	0.2%	13,290	0.0%	340,706	0.2%	4,876	0.4%	69.9	-0.2%	43,128	-0.1%	2,023	-1.0%	743,105	0.1%	46,984	5.9%	790,089	0.3%
	2037	357,736	0.1%	26,926	0.2%	13,286	0.0%	341,296	0.2%	4,893	0.3%	69.8	-0.2%	43,085	-0.1%	2,003	-1.0%	744,120	0.1%	46,013	5.8%	790,132	0.0%
	2038	358,152	0.1%	26,968	0.2%	13,281	0.0%	341,863	0.2%	4,909	0.3%	69.6	-0.2%	43,050	-0.1%	1,983	-1.0%	745,048	0.1%	46,069	5.8%	791,118	0.1%
CAGR	2009-2018		1.1%		0.7%		0.4%		-0.2%		1.5%		-1.7%		-3.9%		-4.3%		0.1%		5.9%		0.2%
	2019-2028		0.4%		0.3%		0.1%		0.7%		0.5%		0.2%		-1.2%		-1.0%		0.4%		5.8%		0.5%
	2029-2038		0.1%		0.2%		0.0%		0.2%		0.4%		-0.2%		-0.2%		-1.0%		0.2%		5.8%		0.2%

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

FMPA 2019 Load Forecast - Severe Weather Case

Keys Energy

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

	Year	Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		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	2009	732,928	-	743,335	-	1.4%	91.9	-	79.9	-	-13.1%	130.0	-	122.8		-5.6%
	2010	747,958	2.1%	735,731	-1.0%	-1.6%	116.0	26.2%	104.8	31.1%	-9.7%	133.4	2.6%	131.1	6.8%	-1.7%
	2011	747,355	-0.1%	742,392	0.9%	-0.7%	76.9	-33.7%	88.3	-15.8%	14.7%	134.8	1.1%	134.4	2.5%	-0.3%
	2012	745,122	-0.3%	749,672	1.0%	0.6%	80.6	4.7%	80.2	-9.2%	-0.5%	136.7	1.4%	142.0	5.7%	3.9%
	2013	738,003	-1.0%	749,741	0.0%	1.6%	70.6	-12.3%	77.7	-3.1%	10.1%	129.6	-5.2%	130.8	-7.9%	0.9%
	2014	770,420	4.4%	750,157	0.1%	-2.6%	75.0	6.2%	79.9	2.7%	6.5%	132.7	2.4%	135.6	3.7%	2.2%
	2015	779,772	1.2%	764,304	1.9%	-2.0%	89.9	19.9%	80.1	0.3%	-11.0%	130.0	-2.1%	126.7	-6.6%	-2.6%
	2016	800,141	2.6%	782,779	2.4%	-2.2%	123.7	37.5%	84.9	6.0%	-31.4%	140.6	8.1%	140.7	11.1%	0.1%
	2017	764,330	-4.5%	737,072	-5.8%	-3.6%	112.6	-8.9%	79.3	-6.6%	-29.6%	140.7	0.1%	136.8	-2.8%	-2.8%
	2018	746,631	-2.3%	738,024	0.1%	-1.2%	75.6	-32.8%	78.3	-1.3%	3.5%	135.2	-3.9%	141.7	3.6%	4.8%
Projected	2019	779,762	4.4%	779,762	5.7%		83.4	10.3%	83.4	6.5%		140.9	4.2%	140.9	-0.6%	
	2020			800,458	2.7%				84.8	1.7%				143.3	1.7%	
	2021			802,669	0.3%				85.0	0.2%				143.6	0.2%	
	2022			805,501	0.4%				85.3	0.3%				144.1	0.3%	
	2023			807,778	0.3%				85.5	0.3%				144.5	0.3%	
	2024			810,717	0.4%				85.8	0.4%				145.0	0.4%	
	2025			811,343	0.1%				85.9	0.1%				145.1	0.1%	
	2026			813,030	0.2%				86.1	0.2%				145.4	0.2%	
	2027			814,709	0.2%				86.2	0.2%				145.7	0.2%	
	2028			817,413	0.3%				86.5	0.3%				146.2	0.3%	
	2029			817,882	0.1%				86.6	0.1%				146.3	0.1%	
	2030			819,420	0.2%				86.7	0.2%				146.6	0.2%	
	2031			820,975	0.2%				86.9	0.2%				146.9	0.2%	
	2032			823,555	0.3%				87.2	0.3%				147.3	0.3%	
	2033			823,780	0.0%				87.2	0.0%				147.3	0.0%	
	2034			825,002	0.1%				87.3	0.1%				147.6	0.1%	
	2035			826,107	0.1%				87.4	0.1%				147.7	0.1%	
	2036			828,306	0.3%				87.7	0.3%				148.1	0.3%	
	2037			828,318	0.0%				87.7	0.0%				148.1	0.0%	
	2038			829,348	0.1%				87.8	0.1%				148.3	0.1%	
CAGR [3]	2009-2018		0.2%		-0.1%			-2.1%		-0.2%			0.4%		1.6%	
	2019-2028				0.5%					0.4%					0.4%	
	2029-2038				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 2019 Load Forecast - Severe Weather Case

Keys Energy

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	732,928	-	743,335	-	1.4%	107.9	-	77.5%	135.0	-	62.0%
	2010	747,958	2.1%	735,731	-1.0%	-1.6%	126.3	17.0%	67.6%	136.3	0.9%	62.7%
	2011	747,355	-0.1%	742,392	0.9%	-0.7%	116.7	-7.6%	73.1%	139.7	2.5%	61.1%
	2012	745,122	-0.3%	749,672	1.0%	0.6%	111.9	-4.1%	76.0%	137.0	-1.9%	62.1%
	2013	738,003	-1.0%	749,741	0.0%	1.6%	115.9	3.6%	72.7%	136.1	-0.7%	61.9%
	2014	770,420	4.4%	750,157	0.1%	-2.6%	115.1	-0.7%	76.4%	144.2	6.0%	61.0%
	2015	779,772	1.2%	764,304	1.9%	-2.0%	124.0	7.7%	71.8%	146.7	1.8%	60.7%
	2016	800,141	2.6%	782,779	2.4%	-2.2%	128.5	3.6%	71.1%	147.2	0.3%	62.1%
	2017	764,330	-4.5%	737,072	-5.8%	-3.6%	116.6	-9.2%	74.8%	148.0	0.6%	59.0%
	2018	746,631	-2.3%	738,024	0.1%	-1.2%	127.9	9.7%	66.6%	145.0	-2.0%	58.8%
Projected	2019	779,762	4.4%	779,762	5.7%		126.0	-1.5%	70.7%	150.7	3.9%	59.1%
	2020	800,458	2.7%	800,458	2.7%		128.1	1.7%	71.3%	153.2	1.7%	59.6%
	2021	802,669	0.3%	802,669	0.3%		128.4	0.2%	71.4%	153.6	0.2%	59.7%
	2022	805,501	0.4%	805,501	0.4%		128.8	0.3%	71.4%	154.1	0.3%	59.7%
	2023	807,778	0.3%	807,778	0.3%		129.2	0.3%	71.4%	154.5	0.3%	59.7%
	2024	810,717	0.4%	810,717	0.4%		129.6	0.4%	71.4%	155.1	0.4%	59.7%
	2025	811,343	0.1%	811,343	0.1%		129.7	0.1%	71.4%	155.2	0.1%	59.7%
	2026	813,030	0.2%	813,030	0.2%		130.0	0.2%	71.4%	155.5	0.2%	59.7%
	2027	814,709	0.2%	814,709	0.2%		130.3	0.2%	71.4%	155.8	0.2%	59.7%
	2028	817,413	0.3%	817,413	0.3%		130.7	0.3%	71.4%	156.3	0.3%	59.7%
	2029	817,882	0.1%	817,882	0.1%		130.8	0.1%	71.4%	156.4	0.1%	59.7%
	2030	819,420	0.2%	819,420	0.2%		131.0	0.2%	71.4%	156.7	0.2%	59.7%
	2031	820,975	0.2%	820,975	0.2%		131.3	0.2%	71.4%	157.0	0.2%	59.7%
	2032	823,555	0.3%	823,555	0.3%		131.7	0.3%	71.4%	157.5	0.3%	59.7%
	2033	823,780	0.0%	823,780	0.0%		131.7	0.0%	71.4%	157.5	0.0%	59.7%
	2034	825,002	0.1%	825,002	0.1%		131.9	0.1%	71.4%	157.8	0.1%	59.7%
	2035	826,107	0.1%	826,107	0.1%		132.1	0.1%	71.4%	158.0	0.1%	59.7%
	2036	828,306	0.3%	828,306	0.3%		132.4	0.3%	71.4%	158.4	0.3%	59.7%
	2037	828,318	0.0%	828,318	0.0%		132.4	0.0%	71.4%	158.4	0.0%	59.7%
	2038	829,348	0.1%	829,348	0.1%		132.6	0.1%	71.4%	158.6	0.1%	59.7%
CAGR [1]	2009-2018		0.2%		-0.1%			1.9%	72.8%		0.8%	61.1%
	2019-2028		0.5%		0.5%			0.4%	71.3%		0.4%	59.6%
	2029-2038		0.2%		0.2%			0.2%	71.4%		0.2%	59.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Severe Weather Case

Keys Energy

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	50,519	45,778	54,275	58,535	66,981	70,740	77,889	76,816	68,767	68,358	54,054	54,862	747,573	732,928
	2010	55,108	46,156	51,199	54,579	69,250	76,016	75,430	75,371	67,574	61,133	51,645	48,826	732,288	747,958
	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	64,123	54,454	51,785	745,367	746,631
Projected	2019	56,844	51,483	57,503	60,274	67,645	74,674	81,968	82,662	76,348	68,048	56,635	54,120	788,203	779,762
	2020	58,901	54,086	58,949	61,679	69,029	75,805	82,955	83,398	76,853	68,501	56,966	54,360	801,482	800,458
	2021	59,164	53,248	59,187	61,891	69,239	76,061	83,244	83,681	77,125	68,742	57,191	54,611	803,385	802,669
	2022	59,473	53,477	59,434	62,107	69,455	76,259	83,459	83,919	77,375	68,959	57,369	54,779	806,063	805,501
	2023	59,655	53,632	59,608	62,280	69,646	76,463	83,681	84,136	77,571	69,127	57,506	54,908	808,213	807,778
	2024	59,796	54,847	59,747	62,420	69,802	76,633	83,869	84,322	77,742	69,277	57,630	55,028	811,111	810,717
	2025	59,926	53,867	59,876	62,552	69,949	76,793	84,045	84,497	77,903	69,419	57,748	55,141	811,717	811,343
	2026	60,050	53,977	60,002	62,681	70,094	76,953	84,223	84,675	78,068	69,566	57,870	55,259	813,417	813,030
	2027	60,178	54,089	60,129	62,810	70,238	77,109	84,394	84,845	78,224	69,703	57,984	55,368	815,068	814,709
	2028	60,296	55,295	60,248	62,933	70,376	77,260	84,561	85,012	78,378	69,840	58,098	55,478	817,774	817,413
Projected	2029	60,415	54,298	60,366	63,054	70,510	77,407	84,721	85,171	78,524	69,969	58,205	55,580	818,220	817,882
	2030	60,526	54,398	60,480	63,172	70,644	77,554	84,883	85,334	78,676	70,104	58,317	55,688	819,776	819,420
	2031	60,643	54,501	60,596	63,292	70,777	77,699	85,042	85,493	78,822	70,234	58,425	55,791	821,315	820,975
	2032	60,754	55,709	60,706	63,405	70,903	77,836	85,192	85,642	78,959	70,354	58,524	55,885	823,868	823,555
	2033	60,855	54,688	60,806	63,507	71,016	77,960	85,327	85,776	79,082	70,463	58,614	55,971	824,065	823,780
	2034	60,948	54,770	60,897	63,601	71,121	78,073	85,451	85,900	79,195	70,562	58,696	56,049	825,262	825,002
	2035	61,032	54,844	60,980	63,686	71,215	78,176	85,562	86,010	79,296	70,652	58,770	56,120	826,342	826,107
	2036	61,109	56,030	61,059	63,769	71,309	78,279	85,677	86,127	79,405	70,749	58,852	56,199	828,563	828,306
	2037	61,194	54,989	61,143	63,856	71,406	78,385	85,793	86,242	79,510	70,842	58,928	56,271	828,559	828,318
	2038	61,272	55,058	61,220	63,935	71,494	78,481	85,897	86,345	79,605	70,925	58,997	56,336	829,566	829,348

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	6.8%	6.1%	7.3%	7.8%	9.0%	9.5%	10.4%	10.3%	9.2%	9.1%	7.2%	7.3%	100.0%
	2010	7.5%	6.3%	7.0%	7.5%	9.5%	10.4%	10.3%	10.3%	9.2%	8.3%	7.1%	6.7%	100.0%
	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	6.5%	7.2%	7.2%	8.1%	8.3%	9.5%	10.6%	10.3%	9.4%	8.6%	7.3%	6.9%	100.0%
Projected	2019	7.2%	6.5%	7.3%	7.6%	8.6%	9.5%	10.4%	10.5%	9.7%	8.6%	7.2%	6.9%	100.0%
	2020	7.3%	6.7%	7.4%	7.7%	8.6%	9.5%	10.4%	10.4%	9.6%	8.5%	7.1%	6.8%	100.0%
	2021	7.4%	6.6%	7.4%	7.7%	8.6%	9.5%	10.4%	10.4%	9.6%	8.6%	7.1%	6.8%	100.0%
	2022	7.4%	6.6%	7.4%	7.7%	8.6%	9.5%	10.4%	10.4%	9.6%	8.6%	7.1%	6.8%	100.0%
	2023	7.4%	6.6%	7.4%	7.7%	8.6%	9.5%	10.4%	10.4%	9.6%	8.6%	7.1%	6.8%	100.0%
	2024	7.4%	6.8%	7.4%	7.7%	8.6%	9.4%	10.3%	10.4%	9.6%	8.5%	7.1%	6.8%	100.0%
	2025	7.4%	6.6%	7.4%	7.7%	8.6%	9.5%	10.4%	10.4%	9.6%	8.6%	7.1%	6.8%	100.0%
	2026	7.4%	6.6%	7.4%	7.7%	8.6%	9.5%	10.4%	10.4%	9.6%	8.6%	7.1%	6.8%	100.0%
	2027	7.4%	6.6%	7.4%	7.7%	8.6%	9.5%	10.4%	10.4%	9.6%	8.6%	7.1%	6.8%	100.0%
	2028	7.4%	6.8%	7.4%	7.7%	8.6%	9.4%	10.3%	10.4%	9.6%	8.5%	7.1%	6.8%	100.0%
Avg.	2009-2018	6.9%	6.6%	7.5%	8.0%	9.0%	9.5%	10.3%	10.2%	8.9%	8.6%	7.2%	7.2%	100.0%
	2019-2028	7.4%	6.7%	7.4%	7.7%	8.6%	9.5%	10.4%	10.4%	9.6%	8.6%	7.1%	6.8%	100.0%

	1	2	3	4	5	6	7	8	9	10	11	12

FMPA 2019 Load Forecast - Severe Weather Case

Keys Energy

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	96.8	107.9	107.4	115.0	123.5	131.1	135.0	133.5	129.5	127.4	114.9	107.9	107.9	135.0
	2010	126.3	94.3	102.3	110.3	127.3	134.9	132.3	136.3	128.4	119.1	111.7	105.2	126.3	136.3
	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	128.8	112.0	112.1	127.9	145.0
Projected	2019	113.2	118.0	126.0	130.0	139.0	144.9	150.7	148.6	141.6	133.8	116.4	114.0	126.0	150.7
	2020	115.1	120.0	128.1	132.2	141.4	147.4	153.2	151.2	143.9	136.0	118.4	114.3	128.1	153.2
	2021	115.4	120.3	128.4	132.5	141.7	147.7	153.6	151.5	144.3	136.4	118.7	114.6	128.4	153.6
	2022	115.8	120.7	128.8	132.9	142.2	148.2	154.1	152.0	144.8	136.8	119.0	115.0	128.8	154.1
	2023	116.1	121.0	129.2	133.3	142.6	148.6	154.5	152.4	145.1	137.2	119.4	115.4	129.2	154.5
	2024	116.5	121.4	129.6	133.8	143.1	149.1	155.1	153.0	145.7	137.7	119.8	115.4	129.6	155.1
	2025	116.6	121.5	129.7	133.9	143.2	149.2	155.2	153.1	145.8	137.8	119.9	115.7	129.7	155.2
	2026	116.8	121.8	130.0	134.2	143.5	149.5	155.5	153.4	146.1	138.1	120.1	115.9	130.0	155.5
	2027	117.1	122.0	130.3	134.4	143.8	149.9	155.8	153.7	146.4	138.3	120.4	116.3	130.3	155.8
	2028	117.5	122.4	130.7	134.9	144.2	150.3	156.3	154.2	146.9	138.8	120.8	116.4	130.7	156.3
Projected	2029	117.5	122.5	130.8	134.9	144.3	150.4	156.4	154.3	146.9	138.9	120.8	116.6	130.8	156.4
	2030	117.8	122.7	131.0	135.2	144.6	150.7	156.7	154.6	147.2	139.1	121.1	116.8	131.0	156.7
	2031	118.0	123.0	131.3	135.5	144.9	151.0	157.0	154.9	147.5	139.4	121.3	117.2	131.3	157.0
	2032	118.3	123.4	131.7	135.9	145.3	151.5	157.5	155.4	148.0	139.8	121.7	117.2	131.7	157.5
	2033	118.4	123.4	131.7	135.9	145.4	151.5	157.5	155.4	148.0	139.9	121.7	117.4	131.7	157.5
	2034	118.5	123.6	131.9	136.1	145.6	151.7	157.8	155.6	148.2	140.1	121.9	117.5	131.9	157.8
	2035	118.7	123.7	132.1	136.3	145.8	151.9	158.0	155.8	148.4	140.3	122.0	117.8	132.1	158.0
	2036	119.0	124.1	132.4	136.7	146.1	152.3	158.4	156.3	148.8	140.6	122.4	117.8	132.4	158.4
	2037	119.0	124.1	132.4	136.7	146.1	152.3	158.4	156.3	148.8	140.6	122.4	118.0	132.4	158.4
	2038	119.2	124.2	132.6	136.8	146.3	152.5	158.6	156.4	149.0	140.8	122.5	118.1	132.6	158.6

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	70.2%	63.1%	67.9%	68.4%	80.7%	72.5%	80.1%	77.3%	73.8%	72.1%	63.3%	70.6%	79.1%	63.2%
	2010	58.7%	72.8%	67.2%	66.5%	80.9%	75.7%	79.2%	74.3%	73.1%	69.0%	62.2%	64.5%	66.2%	61.3%
	2011	70.8%	73.1%	64.7%	70.0%	80.5%	71.5%	77.6%	75.3%	75.0%	67.9%	68.3%	73.1%	73.7%	61.6%
	2012	71.4%	69.3%	71.6%	65.6%	78.0%	70.2%	75.5%	75.0%	73.1%	71.2%	68.9%	70.1%	76.1%	62.1%
	2013	72.5%	67.1%	59.9%	67.1%	76.6%	70.3%	73.6%	73.5%	72.4%	70.6%	67.5%	74.3%	74.1%	63.1%
	2014	66.3%	70.4%	66.1%	65.7%	81.6%	70.0%	76.5%	75.3%	69.6%	69.5%	61.7%	69.1%	75.1%	60.0%
	2015	66.0%	64.2%	68.4%	66.3%	79.5%	70.0%	76.9%	74.6%	71.2%	70.7%	67.3%	70.5%	74.2%	62.7%
	2016	57.9%	62.3%	64.9%	63.4%	76.6%	71.6%	77.6%	74.0%	71.8%	68.8%	68.5%	72.9%	69.9%	61.0%
	2017	65.5%	68.5%	65.9%	65.0%	76.3%	72.5%	76.7%	73.5%	46.5%	69.9%	57.3%	67.1%	73.8%	58.1%
	2018	68.3%	71.2%	62.0%	65.6%	78.1%	70.5%	76.0%	73.9%	72.9%	66.9%	65.3%	64.2%	66.5%	58.7%
Projected	2019	67.5%	64.9%	61.3%	62.3%	72.4%	69.3%	75.6%	74.7%	74.9%	68.4%	65.4%	65.9%	71.4%	59.7%
	2020	68.8%	64.8%	61.9%	62.7%	72.7%	69.1%	75.2%	74.2%	74.2%	67.7%	64.7%	66.1%	71.4%	59.7%
	2021	68.9%	65.9%	62.0%	62.8%	72.7%	69.2%	75.3%	74.2%	74.2%	67.8%	64.8%	66.2%	71.4%	59.7%
	2022	69.0%	65.9%	62.0%	62.8%	72.7%	69.2%	75.2%	74.2%	74.2%	67.7%	64.8%	66.2%	71.4%	59.7%
	2023	69.1%	66.0%	62.0%	62.8%	72.7%	69.2%	75.2%	74.2%	74.2%	67.7%	64.8%	66.1%	71.4%	59.7%
	2024	69.0%	64.9%	61.9%	62.7%	72.6%	69.1%	75.1%	74.1%	74.1%	67.6%	64.7%	66.2%	71.4%	59.7%
	2025	69.1%	66.0%	62.0%	62.8%	72.7%	69.2%	75.2%	74.2%	74.2%	67.7%	64.7%	66.2%	71.4%	59.7%
	2026	69.1%	66.0%	62.0%	62.8%	72.7%	69.2%	75.2%	74.2%	74.2%	67.7%	64.7%	66.2%	71.4%	59.7%
	2027	69.1%	66.0%	62.0%	62.8%	72.7%	69.2%	75.2%	74.2%	74.2%	67.7%	64.7%	66.1%	71.4%	59.7%
	2028	69.0%	64.9%	62.0%	62.7%	72.6%	69.1%	75.1%	74.1%	74.1%	67.6%	64.7%	66.2%	71.4%	59.7%
Avg.	2009-2018	66.8%	68.2%	65.9%	66.3%	78.9%	71.5%	77.0%	74.7%	69.9%	69.7%	65.0%	69.6%	72.9%	61.2%
	2019-2028	68.8%	65.5%	61.9%	62.7%	72.6%	69.2%	75.2%	74.2%	74.3%	67.8%	64.8%	66.1%	71.4%	59.7%

FMPA 2019 Load Forecast - Severe Weather Case

Keys Energy

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	81.5	91.9	68.5	95.1	113.7	130.0	132.0	120.1	123.0	126.9	114.9	67.1	91.9	130.0
	2010	116.0	75.9	83.2	98.2	103.4	133.4	130.9	133.1	118.6	119.1	111.7	76.9	116.0	133.4
	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	125.5	101.2	85.6	75.6	135.2
Projected	2019	83.4	90.0	106.7	121.3	129.0	139.0	142.7	140.9	134.5	130.4	105.2	87.1	83.4	140.9
	2020	84.8	91.5	108.5	123.4	131.2	141.3	145.1	143.3	136.8	132.6	107.0	87.3	84.8	143.3
	2021	85.0	91.8	108.7	123.7	131.5	141.6	145.4	143.6	137.1	132.9	107.2	87.6	85.0	143.6
	2022	85.3	92.1	109.1	124.1	132.0	142.1	145.9	144.1	137.5	133.4	107.6	87.8	85.3	144.1
	2023	85.5	92.3	109.4	124.4	132.3	142.5	146.3	144.5	137.9	133.7	107.9	88.1	85.5	144.5
	2024	85.8	92.6	109.8	124.9	132.8	143.0	146.8	145.0	138.4	134.2	108.3	88.2	85.8	145.0
	2025	85.9	92.7	109.8	125.0	132.9	143.1	146.9	145.1	138.5	134.3	108.3	88.4	85.9	145.1
	2026	86.1	92.9	110.1	125.2	133.2	143.4	147.2	145.4	138.8	134.6	108.6	88.5	86.1	145.4
	2027	86.2	93.1	110.3	125.5	133.4	143.7	147.5	145.7	139.1	134.8	108.8	88.8	86.2	145.7
	2028	86.5	93.4	110.7	125.9	133.9	144.2	148.0	146.2	139.5	135.3	109.1	88.9	86.5	146.2
Projected	2029	86.6	93.4	110.7	126.0	134.0	144.2	148.1	146.3	139.6	135.4	109.2	89.1	86.6	146.3
	2030	86.7	93.6	110.9	126.2	134.2	144.5	148.4	146.6	139.9	135.6	109.4	89.2	86.7	146.6
	2031	86.9	93.8	111.1	126.4	134.5	144.8	148.7	146.9	140.2	135.9	109.6	89.5	86.9	146.9
	2032	87.2	94.1	111.5	126.8	134.9	145.2	149.1	147.3	140.6	136.3	110.0	89.5	87.2	147.3
	2033	87.2	94.1	111.5	126.9	134.9	145.3	149.2	147.3	140.6	136.3	110.0	89.7	87.2	147.3
	2034	87.3	94.2	111.7	127.0	135.1	145.5	149.4	147.6	140.8	136.5	110.1	89.8	87.3	147.6
	2035	87.4	94.4	111.8	127.2	135.3	145.7	149.6	147.7	141.0	136.7	110.3	90.0	87.4	147.7
	2036	87.7	94.6	112.1	127.5	135.7	146.1	150.0	148.1	141.4	137.1	110.6	90.0	87.7	148.1
	2037	87.7	94.6	112.1	127.5	135.7	146.1	150.0	148.1	141.4	137.1	110.6	90.1	87.7	148.1
	2038	87.8	94.7	112.3	127.7	135.8	146.2	150.2	148.3	141.6	137.2	110.7	90.2	87.8	148.3

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	84.3%	85.2%	63.8%	82.7%	92.1%	99.2%	97.8%	90.0%	95.0%	99.6%	100.0%	62.2%	85.2%	96.3%
	2010	91.9%	80.5%	81.3%	89.0%	81.2%	98.8%	98.9%	97.7%	92.3%	100.0%	100.0%	73.1%	91.9%	97.9%
	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%	97.5%	90.4%	76.4%	59.1%	93.2%
Projected	2019	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2020	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2021	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2022	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2023	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2024	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2025	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2026	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2027	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2028	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%
	2009-2018	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.4%	94.8%	95.0%	97.8%	91.0%	77.0%	76.6%	95.0%
	2019-2028	73.7%	76.3%	84.7%	93.3%	92.8%	95.9%	94.7%	94.8%	95.0%	97.5%	90.4%	76.4%	66.2%	93.5%

FMPA 2019 Load Forecast - Severe Weather Case - Keys

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

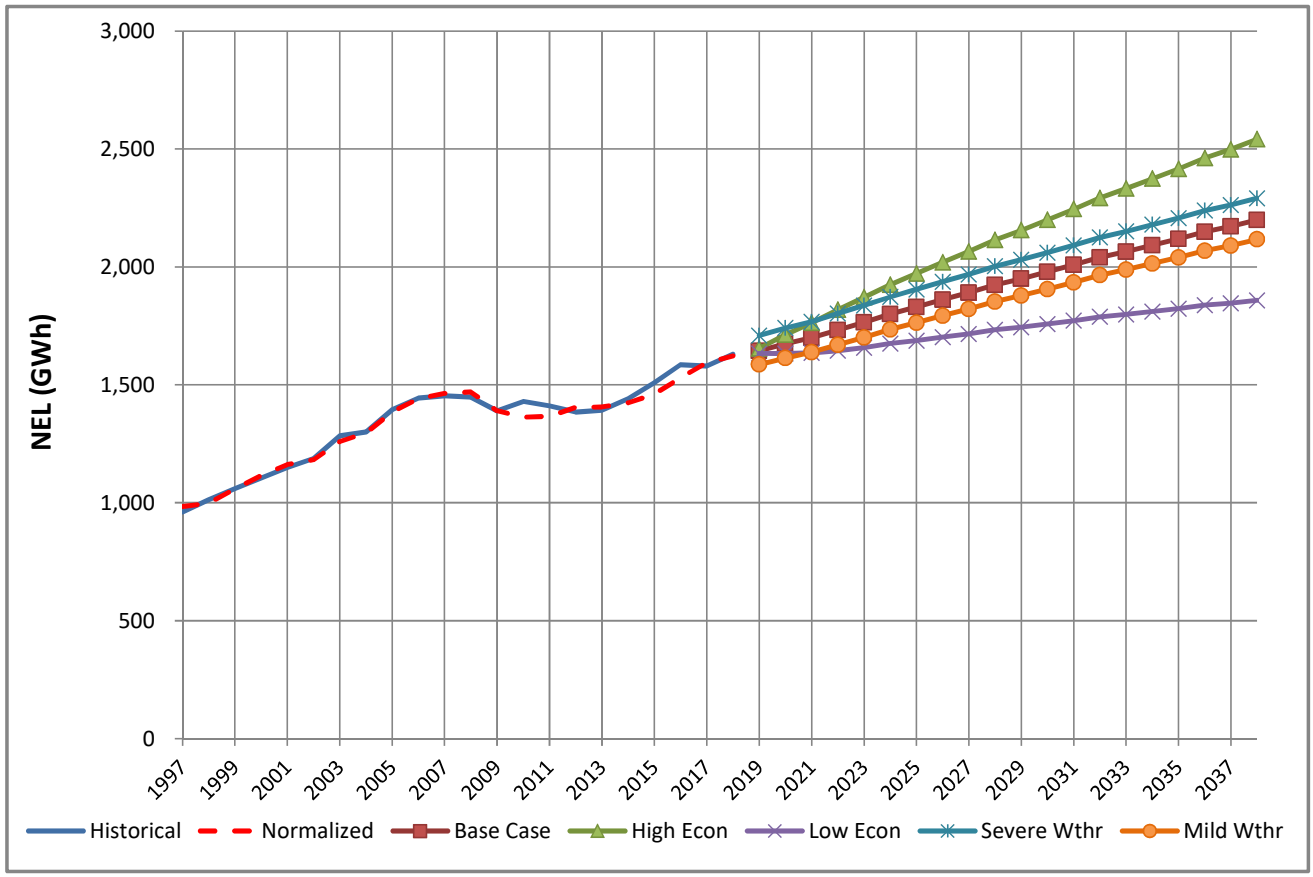
		Residential						General Service						Navy		Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2009	310,120		24,093		12,872		300,227		3,945		76.1		68,353		4,184		682,884		50,044	6.8%	732,928	
	2010	332,705	7.3%	24,279	0.8%	13,704	6.5%	306,775	2.2%	3,969	0.6%	77.3	1.6%	64,149	-6.2%	4,201	0.4%	707,831	3.7%	40,127	5.4%	747,958	2.1%
	2011	327,810	-1.5%	24,480	0.8%	13,391	-2.3%	307,356	0.2%	4,043	1.9%	76.0	-1.6%	60,740	-5.3%	3,897	-7.3%	699,803	-1.1%	47,552	6.4%	747,355	-0.1%
	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%
Projected	2019	364,160	6.6%	25,705	0.2%	14,167	6.3%	319,388	8.5%	4,507	0.0%	70.9	8.5%	50,543	6.1%	2,400	-14.6%	736,491	7.3%	43,271	5.5%	779,762	4.4%
	2020	370,795	1.8%	25,916	0.8%	14,308	1.0%	329,791	3.3%	4,532	0.6%	72.8	2.7%	50,102	-0.9%	2,376	-1.0%	753,063	2.3%	47,395	5.9%	800,458	2.7%
	2021	372,659	0.5%	25,996	0.3%	14,335	0.2%	332,126	0.7%	4,557	0.6%	72.9	0.2%	49,050	-2.1%	2,352	-1.0%	756,187	0.4%	46,481	5.8%	802,669	0.3%
	2022	374,260	0.4%	26,073	0.3%	14,355	0.1%	334,091	0.6%	4,582	0.5%	72.9	0.0%	48,188	-1.8%	2,329	-1.0%	758,867	0.4%	46,634	5.8%	805,501	0.4%
	2023	375,469	0.3%	26,146	0.3%	14,360	0.0%	335,760	0.5%	4,607	0.5%	72.9	0.0%	47,481	-1.5%	2,305	-1.0%	761,015	0.3%	46,763	5.8%	807,778	0.3%
	2024	376,346	0.2%	26,217	0.3%	14,355	0.0%	337,225	0.4%	4,631	0.5%	72.8	-0.1%	46,901	-1.2%	2,282	-1.0%	762,755	0.2%	47,961	5.9%	810,717	0.4%
	2025	377,134	0.2%	26,284	0.3%	14,348	0.0%	338,556	0.4%	4,654	0.5%	72.7	-0.1%	46,426	-1.0%	2,260	-1.0%	764,375	0.2%	46,968	5.8%	811,343	0.1%
	2026	377,912	0.2%	26,349	0.2%	14,342	0.0%	339,779	0.4%	4,678	0.5%	72.6	-0.1%	46,037	-0.8%	2,237	-1.0%	765,965	0.2%	47,066	5.8%	813,030	0.2%
	2027	378,683	0.2%	26,412	0.2%	14,338	0.0%	340,931	0.3%	4,700	0.5%	72.5	-0.1%	45,718	-0.7%	2,215	-1.0%	767,546	0.2%	47,162	5.8%	814,709	0.2%
	2028	379,387	0.2%	26,472	0.2%	14,332	0.0%	342,020	0.3%	4,722	0.5%	72.4	-0.1%	45,456	-0.6%	2,192	-1.0%	769,056	0.2%	48,357	5.9%	817,413	0.3%
	2029	380,065	0.2%	26,530	0.2%	14,326	0.0%	343,059	0.3%	4,743	0.5%	72.3	-0.1%	45,242	-0.5%	2,171	-1.0%	770,536	0.2%	47,346	5.8%	817,882	0.1%
	2030	380,723	0.2%	26,586	0.2%	14,321	0.0%	344,047	0.3%	4,764	0.4%	72.2	-0.1%	45,066	-0.4%	2,149	-1.0%	771,985	0.2%	47,435	5.8%	819,420	0.2%
	2031	381,437	0.2%	26,639	0.2%	14,319	0.0%	344,964	0.3%	4,784	0.4%	72.1	-0.2%	44,922	-0.3%	2,127	-1.0%	773,450	0.2%	47,525	5.8%	820,975	0.2%
	2032	382,120	0.2%	26,691	0.2%	14,316	0.0%	345,806	0.2%	4,804	0.4%	72.0	-0.2%	44,803	-0.3%	2,106	-1.0%	774,836	0.2%	48,720	5.9%	823,555	0.3%
	2033	382,726	0.2%	26,741	0.2%	14,312	0.0%	346,576	0.2%	4,823	0.4%	71.9	-0.2%	44,707	-0.2%	2,085	-1.0%	776,094	0.2%	47,686	5.8%	823,780	0.0%
	2034	383,279	0.1%	26,790	0.2%	14,307	0.0%	347,276	0.2%	4,841	0.4%	71.7	-0.2%	44,627	-0.2%	2,064	-1.0%	777,246	0.1%	47,756	5.8%	825,002	0.1%
	2035	383,751	0.1%	26,837	0.2%	14,300	-0.1%	347,931	0.2%	4,859	0.4%	71.6	-0.2%	44,562	-0.1%	2,043	-1.0%	778,288	0.1%	47,820	5.8%	826,107	0.1%
	2036	384,219	0.1%	26,882	0.2%	14,293	0.0%	348,556	0.2%	4,876	0.4%	71.5	-0.2%	44,509	-0.1%	2,023	-1.0%	779,307	0.1%	48,999	5.9%	828,306	0.3%
	2037	384,743	0.1%	26,926	0.2%	14,289	0.0%	349,159	0.2%	4,893	0.3%	71.4	-0.2%	44,465	-0.1%	2,003	-1.0%	780,370	0.1%	47,948	5.8%	828,318	0.0%
	2038	385,190	0.1%	26,968	0.2%	14,283	0.0%	349,740	0.2%	4,909	0.3%	71.2	-0.2%	44,429	-0.1%	1,983	-1.0%	781,341	0.1%	48,007	5.8%	829,348	0.1%
CAGR	2009-2018		1.1%		0.7%		0.4%		-0.2%		1.5%		-1.7%		-3.9%		-4.3%		0.1%		5.9%		0.2%
	2019-2028		0.5%		0.3%		0.1%		0.8%		0.5%		0.2%		-1.2%		-1.0%		0.5%		5.8%		0.5%
	2029-2038		0.1%		0.2%		0.0%		0.2%		0.4%		-0.2%		-0.2%		-1.0%		0.2%		5.8%		0.2%

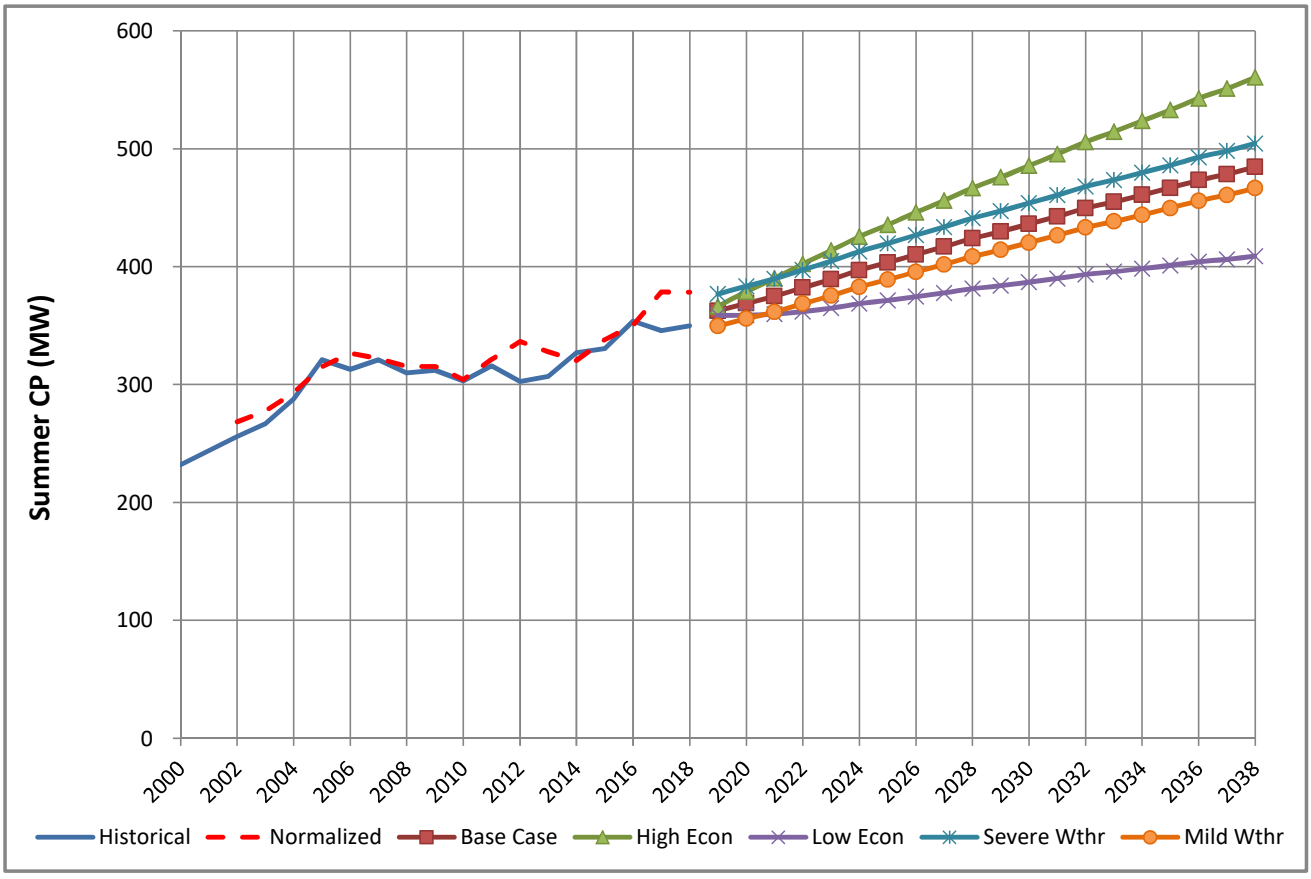
CAGR - Compound Average Growth Rate; data under Distribution Losses reflect averages.

FMPA 2019 Load Forecast

Kissimmee

Historical and Projected NEL and Annual Coincident Peak Demand





FMPA 2019 Load Forecast - Low Economic Case

Kissimmee Utility Auth.

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	1,390,670	-	1,390,886	-	0.0%	275.7	-	257.7	-	-6.5%	312.1	-	315.3		1.0%
	2010	1,430,141	2.8%	1,363,413	-2.0%	-4.7%	314.4	14.0%	283.7	10.1%	-9.7%	303.2	-2.9%	304.3	-3.5%	0.3%
	2011	1,410,602	-1.4%	1,366,981	0.3%	-3.1%	297.8	-5.3%	284.9	0.4%	-4.3%	316.0	4.2%	313.4	3.0%	-0.8%
	2012	1,384,319	-1.9%	1,404,745	2.8%	1.5%	245.8	-17.5%	250.2	-12.2%	1.8%	302.6	-4.2%	336.6	7.4%	11.3%
	2013	1,393,491	0.7%	1,406,254	0.1%	0.9%	242.8	-1.2%	229.9	-8.1%	-5.3%	306.8	1.4%	327.7	-2.6%	6.8%
	2014	1,442,316	3.5%	1,423,542	1.2%	-1.3%	241.4	-0.6%	288.3	25.4%	19.4%	326.9	6.5%	320.4	-2.2%	-2.0%
	2015	1,508,124	4.6%	1,461,080	2.6%	-3.1%	264.5	9.6%	236.4	-18.0%	-10.6%	330.5	1.1%	338.1	5.5%	2.3%
	2016	1,585,494	5.1%	1,530,245	4.7%	-3.5%	275.8	4.3%	264.5	11.9%	-4.1%	353.7	7.0%	350.5	3.6%	-0.9%
	2017	1,580,568	-0.3%	1,593,478	4.1%	0.8%	266.8	-3.2%	264.9	0.1%	-0.7%	345.7	-2.3%	378.5	8.0%	9.5%
	2018	1,629,958	3.1%	1,623,047	1.9%	-0.4%	292.2	9.5%	280.0	5.7%	-4.2%	349.9	1.2%	378.3	-0.1%	8.1%
Projected	2019	1,633,354	0.2%	1,633,354	0.6%		270.4	-7.4%	270.4	-3.4%		358.6	2.5%	358.6	-5.2%	
	2020			1,633,438	0.0%				270.7	0.1%				358.8	0.1%	
	2021			1,635,579	0.1%				271.3	0.2%				359.7	0.2%	
	2022			1,645,260	0.6%				273.0	0.6%				361.9	0.6%	
	2023			1,657,667	0.8%				275.1	0.8%				364.8	0.8%	
	2024			1,674,721	1.0%				278.0	1.0%				368.6	1.0%	
	2025			1,687,418	0.8%				280.1	0.8%				371.4	0.8%	
	2026			1,702,326	0.9%				282.6	0.9%				374.6	0.9%	
	2027			1,716,409	0.8%				284.9	0.8%				377.7	0.8%	
	2028			1,733,184	1.0%				287.7	1.0%				381.4	1.0%	
	2029			1,744,246	0.6%				289.5	0.6%				383.8	0.6%	
	2030			1,758,103	0.8%				291.8	0.8%				386.9	0.8%	
	2031			1,772,317	0.8%				294.1	0.8%				389.9	0.8%	
	2032			1,788,568	0.9%				296.8	0.9%				393.5	0.9%	
	2033			1,798,672	0.6%				298.5	0.6%				395.7	0.6%	
	2034			1,811,000	0.7%				300.5	0.7%				398.4	0.7%	
	2035			1,822,918	0.7%				302.5	0.7%				401.0	0.7%	
	2036			1,837,767	0.8%				304.9	0.8%				404.2	0.8%	
	2037			1,846,286	0.5%				306.3	0.5%				406.1	0.5%	
	2038			1,858,811	0.7%				308.5	0.7%				408.9	0.7%	
CAGR [3]	2009-2018		1.8%		1.7%			0.6%		0.9%			1.3%		2.0%	
	2019-2028				0.7%					0.7%					0.7%	
	2029-2038				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 2019 Load Forecast - Low Economic Case

Kissimmee Utility Auth.

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	1,390,670	-	1,390,886	-	0.0%	277.1	-	57.3%	316.5	-	50.2%
	2010	1,430,141	2.8%	1,363,413	-2.0%	-4.7%	315.4	13.8%	51.8%	311.6	-1.5%	52.4%
	2011	1,410,602	-1.4%	1,366,981	0.3%	-3.1%	297.8	-5.6%	54.1%	316.0	1.4%	51.0%
	2012	1,384,319	-1.9%	1,404,745	2.8%	1.5%	246.5	-17.2%	64.1%	310.4	-1.8%	50.9%
	2013	1,393,491	0.7%	1,406,254	0.1%	0.9%	242.8	-1.5%	65.5%	314.1	1.2%	50.6%
	2014	1,442,316	3.5%	1,423,542	1.2%	-1.3%	250.2	3.0%	65.8%	326.9	4.1%	50.4%
	2015	1,508,124	4.6%	1,461,080	2.6%	-3.1%	264.5	5.7%	65.1%	334.8	2.4%	51.4%
	2016	1,585,494	5.1%	1,530,245	4.7%	-3.5%	281.7	6.5%	64.2%	353.7	5.6%	51.2%
	2017	1,580,568	-0.3%	1,593,478	4.1%	0.8%	269.7	-4.3%	66.9%	352.5	-0.3%	51.2%
	2018	1,629,958	3.1%	1,623,047	1.9%	-0.4%	298.2	10.6%	62.4%	355.6	0.9%	52.3%
Projected	2019	1,633,354	0.2%	1,633,354	0.6%		300.8	0.8%	62.0%	363.1	2.1%	51.4%
	2020	1,633,438	0.0%	1,633,438	0.0%		301.0	0.1%	61.9%	363.3	0.1%	51.3%
	2021	1,635,579	0.1%	1,635,579	0.1%		301.7	0.2%	61.9%	364.2	0.2%	51.3%
	2022	1,645,260	0.6%	1,645,260	0.6%		303.6	0.6%	61.9%	366.5	0.6%	51.2%
	2023	1,657,667	0.8%	1,657,667	0.8%		306.0	0.8%	61.8%	369.4	0.8%	51.2%
	2024	1,674,721	1.0%	1,674,721	1.0%		309.2	1.0%	61.8%	373.2	1.0%	51.2%
	2025	1,687,418	0.8%	1,687,418	0.8%		311.5	0.8%	61.8%	376.1	0.8%	51.2%
	2026	1,702,326	0.9%	1,702,326	0.9%		314.2	0.9%	61.8%	379.3	0.9%	51.2%
	2027	1,716,409	0.8%	1,716,409	0.8%		316.8	0.8%	61.8%	382.4	0.8%	51.2%
	2028	1,733,184	1.0%	1,733,184	1.0%		319.9	1.0%	61.8%	386.2	1.0%	51.2%
	2029	1,744,246	0.6%	1,744,246	0.6%		321.9	0.6%	61.8%	388.6	0.6%	51.2%
	2030	1,758,103	0.8%	1,758,103	0.8%		324.5	0.8%	61.8%	391.7	0.8%	51.2%
	2031	1,772,317	0.8%	1,772,317	0.8%		327.1	0.8%	61.8%	394.9	0.8%	51.2%
	2032	1,788,568	0.9%	1,788,568	0.9%		330.1	0.9%	61.9%	398.4	0.9%	51.2%
	2033	1,798,672	0.6%	1,798,672	0.6%		331.9	0.6%	61.9%	400.7	0.6%	51.2%
	2034	1,811,000	0.7%	1,811,000	0.7%		334.2	0.7%	61.9%	403.4	0.7%	51.3%
	2035	1,822,918	0.7%	1,822,918	0.7%		336.4	0.7%	61.9%	406.0	0.7%	51.3%
	2036	1,837,767	0.8%	1,837,767	0.8%		339.1	0.8%	61.9%	409.3	0.8%	51.3%
	2037	1,846,286	0.5%	1,846,286	0.5%		340.7	0.5%	61.9%	411.2	0.5%	51.3%
	2038	1,858,811	0.7%	1,858,811	0.7%		343.0	0.7%	61.9%	414.1	0.7%	51.2%
CAGR [1]	2009-2018		1.8%		1.7%			0.8%	61.7%		1.3%	51.2%
	2019-2028		0.7%		0.7%			0.7%	61.9%		0.7%	51.3%
	2029-2038		0.7%		0.7%			0.7%	61.9%		0.7%	51.2%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Low Economic Case

Kissimmee Utility Auth.

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	102,071	92,536	98,559	103,583	124,080	140,808	142,342	147,026	130,943	124,357	92,543	97,665	1,396,514	1,390,670
	2010	119,447	99,964	95,649	95,922	128,712	142,956	151,242	147,740	133,944	111,924	90,390	119,267	1,437,157	1,430,141
	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	136,948	111,167	118,910	1,633,376	1,629,958
Projected	2019	120,930	107,143	116,805	120,779	144,924	156,773	171,783	173,624	153,569	136,241	111,295	118,563	1,632,428	1,633,354
	2020	120,655	109,577	116,565	120,573	144,733	156,591	171,630	173,505	153,510	136,245	111,385	118,735	1,633,704	1,633,438
	2021	120,849	107,176	116,924	120,993	145,266	157,201	172,327	174,252	154,226	136,933	111,994	119,426	1,637,566	1,635,579
	2022	121,542	107,795	117,611	121,714	146,139	158,152	173,386	175,346	155,223	137,848	112,768	120,279	1,647,802	1,645,260
	2023	122,422	108,588	118,484	122,628	147,257	159,385	174,762	176,759	156,487	138,979	113,685	121,265	1,660,701	1,657,667
	2024	123,454	112,189	119,489	123,673	148,537	160,803	176,344	178,377	157,927	140,259	114,713	122,366	1,678,130	1,674,721
	2025	124,596	110,520	120,572	124,787	149,890	162,289	177,986	180,044	159,397	141,557	115,750	123,470	1,690,858	1,687,418
	2026	125,730	111,513	121,631	125,869	151,192	163,704	179,538	181,606	160,767	142,760	116,707	124,483	1,705,498	1,702,326
	2027	126,775	112,436	122,623	126,890	152,428	165,057	181,031	183,118	162,100	143,936	117,648	125,484	1,719,527	1,716,409
	2028	127,811	116,123	123,608	127,905	153,660	166,408	182,526	184,635	163,441	145,122	118,596	126,494	1,736,329	1,733,184
Projected	2029	128,852	114,266	124,587	128,908	154,871	167,730	183,980	186,105	164,734	146,260	119,504	127,459	1,747,257	1,744,246
	2030	129,856	115,159	125,554	129,909	156,094	169,081	185,485	187,641	166,099	147,473	120,477	128,500	1,761,329	1,758,103
	2031	130,932	116,104	126,561	130,939	157,338	170,441	186,980	189,150	167,422	148,633	121,396	129,472	1,775,367	1,772,317
	2032	131,935	119,846	127,505	131,906	158,508	171,721	188,391	190,577	168,678	149,740	122,278	130,410	1,791,496	1,788,568
	2033	132,904	117,840	128,419	132,844	159,644	172,965	189,763	191,965	169,900	150,816	123,135	131,319	1,801,514	1,798,672
	2034	133,840	118,659	129,293	133,737	160,720	174,136	191,049	193,260	171,036	151,812	123,926	132,156	1,813,625	1,811,000
	2035	134,710	119,431	130,125	134,597	161,768	175,292	192,333	194,570	172,197	152,844	124,753	133,042	1,825,662	1,822,918
	2036	135,620	123,167	130,972	135,461	162,808	176,423	193,572	195,816	173,289	153,800	125,512	133,845	1,840,285	1,837,767
	2037	136,455	120,968	131,773	136,289	163,817	177,536	194,809	197,076	174,405	154,790	126,305	134,691	1,848,915	1,846,286
	2038	137,346	121,766	132,640	137,191	164,928	178,774	196,198	198,504	175,679	155,925	127,215	135,668	1,861,833	1,858,811

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	7.3%	6.6%	7.1%	7.4%	8.9%	10.1%	10.2%	10.5%	9.4%	8.9%	6.6%	7.0%	100.0%
	2010	8.3%	7.0%	6.7%	6.7%	9.0%	9.9%	10.5%	10.3%	9.3%	7.8%	6.3%	8.3%	100.0%
	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	7.7%	6.7%	6.8%	7.5%	8.3%	9.6%	10.2%	10.5%	10.1%	8.4%	6.8%	7.3%	100.0%
Projected	2019	7.4%	6.6%	7.2%	7.4%	8.9%	9.6%	10.5%	10.6%	9.4%	8.3%	6.8%	7.3%	100.0%
	2020	7.4%	6.7%	7.1%	7.4%	8.9%	9.6%	10.5%	10.6%	9.4%	8.3%	6.8%	7.3%	100.0%
	2021	7.4%	6.5%	7.1%	7.4%	8.9%	9.6%	10.5%	10.6%	9.4%	8.4%	6.8%	7.3%	100.0%
	2022	7.4%	6.5%	7.1%	7.4%	8.9%	9.6%	10.5%	10.6%	9.4%	8.4%	6.8%	7.3%	100.0%
	2023	7.4%	6.5%	7.1%	7.4%	8.9%	9.6%	10.5%	10.6%	9.4%	8.4%	6.8%	7.3%	100.0%
	2024	7.4%	6.7%	7.1%	7.4%	8.9%	9.6%	10.5%	10.6%	9.4%	8.4%	6.8%	7.3%	100.0%
	2025	7.4%	6.5%	7.1%	7.4%	8.9%	9.6%	10.5%	10.6%	9.4%	8.4%	6.8%	7.3%	100.0%
	2026	7.4%	6.5%	7.1%	7.4%	8.9%	9.6%	10.5%	10.6%	9.4%	8.4%	6.8%	7.3%	100.0%
	2027	7.4%	6.5%	7.1%	7.4%	8.9%	9.6%	10.5%	10.6%	9.4%	8.4%	6.8%	7.3%	100.0%
	2028	7.4%	6.7%	7.1%	7.4%	8.8%	9.6%	10.5%	10.6%	9.4%	8.4%	6.8%	7.3%	100.0%
Avg.	2009-2018	7.3%	6.5%	7.1%	7.7%	8.9%	9.7%	10.5%	10.5%	9.5%	8.4%	6.8%	7.3%	100.0%
	2019-2028	7.4%	6.6%	7.1%	7.4%	8.9%	9.6%	10.5%	10.6%	9.4%	8.4%	6.8%	7.3%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Low Economic Case

Kissimmee Utility Auth.

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	277.1	275.7	196.5	227.0	277.7	316.5	298.5	302.2	277.8	288.7	227.3	192.4	277.1	316.5
	2010	315.4	242.4	228.8	201.9	267.5	311.6	310.2	310.0	299.5	263.3	215.3	297.8	315.4	311.6
	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	310.1	243.7	232.4	298.2	355.6
Projected	2019	278.4	250.2	300.8	289.9	324.1	350.5	356.0	363.1	342.7	316.6	243.9	232.6	300.8	363.1
	2020	278.6	250.4	301.0	290.1	324.3	350.8	356.3	363.3	342.9	316.8	244.4	233.1	301.0	363.3
	2021	279.3	251.0	301.7	290.8	325.1	351.6	357.1	364.2	343.8	317.6	246.0	234.6	301.7	364.2
	2022	281.0	252.5	303.6	292.6	327.1	353.8	359.4	366.5	345.9	319.5	247.9	236.4	303.6	366.5
	2023	283.2	254.5	306.0	294.9	329.7	356.6	362.2	369.4	348.6	322.0	250.5	238.9	306.0	369.4
	2024	286.2	257.2	309.2	298.0	333.1	360.3	366.0	373.2	352.3	325.4	252.4	240.7	309.2	373.2
	2025	288.4	259.1	311.5	300.3	335.6	363.0	368.8	376.1	354.9	327.9	254.6	242.8	311.5	376.1
	2026	290.9	261.4	314.2	302.9	338.6	366.2	372.0	379.3	358.0	330.7	256.7	244.8	314.2	379.3
	2027	293.3	263.5	316.8	305.4	341.3	369.2	375.0	382.4	361.0	333.5	259.2	247.2	316.8	382.4
	2028	296.1	266.1	319.9	308.3	344.7	372.8	378.7	386.2	364.5	336.7	260.8	248.8	319.9	386.2
Projected	2029	298.0	267.8	321.9	310.3	346.8	375.2	381.1	388.6	366.8	338.8	262.9	250.8	321.9	388.6
	2030	300.4	269.9	324.5	312.8	349.6	378.2	384.1	391.7	369.7	341.6	265.0	252.8	324.5	391.7
	2031	302.8	272.1	327.1	315.3	352.4	381.2	387.2	394.9	372.7	344.3	267.4	255.1	327.1	394.9
	2032	305.5	274.5	330.1	318.1	355.6	384.7	390.7	398.4	376.1	347.4	268.9	256.5	330.1	398.4
	2033	307.2	276.1	331.9	319.9	357.6	386.8	392.9	400.7	378.2	349.4	270.7	258.2	331.9	400.7
	2034	309.3	277.9	334.2	322.1	360.0	389.4	395.5	403.4	380.7	351.7	272.5	259.9	334.2	403.4
	2035	311.4	279.8	336.4	324.2	362.4	392.0	398.2	406.0	383.2	354.0	274.7	262.0	336.4	406.0
	2036	313.8	282.0	339.1	326.8	365.3	395.1	401.4	409.3	386.3	356.9	276.0	263.2	339.1	409.3
	2037	315.3	283.3	340.7	328.3	367.0	397.0	403.2	411.2	388.1	358.5	277.9	265.1	340.7	411.2
	2038	317.5	285.3	343.0	330.6	369.6	399.8	406.1	414.1	390.8	361.1	280.0	267.1	343.0	414.1

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	49.5%	49.9%	67.4%	61.3%	66.5%	59.8%	66.2%	65.4%	65.5%	57.9%	54.7%	70.5%	57.5%	50.4%
	2010	50.9%	61.4%	56.2%	63.9%	71.6%	61.7%	67.7%	64.1%	62.1%	57.1%	56.4%	55.6%	52.0%	52.6%
	2011	50.4%	64.3%	63.4%	56.9%	64.3%	59.5%	66.9%	63.9%	65.8%	58.4%	59.6%	69.9%	53.0%	50.0%
	2012	54.0%	57.4%	64.9%	56.8%	68.9%	58.8%	68.9%	62.9%	61.6%	56.7%	67.8%	71.8%	64.9%	51.5%
	2013	69.9%	57.4%	55.9%	59.8%	65.1%	61.7%	64.7%	65.4%	63.2%	60.4%	56.6%	68.1%	66.3%	51.2%
	2014	59.1%	67.3%	64.6%	53.1%	66.3%	59.6%	67.2%	64.1%	61.6%	57.7%	60.1%	66.5%	65.7%	50.3%
	2015	69.4%	54.4%	60.2%	63.0%	67.1%	60.0%	66.6%	62.6%	61.8%	58.3%	56.5%	66.0%	66.7%	52.7%
	2016	59.8%	58.2%	58.2%	53.6%	66.4%	61.4%	68.7%	63.0%	64.8%	58.1%	60.4%	64.2%	63.6%	50.7%
	2017	65.4%	63.6%	55.8%	53.5%	65.7%	59.4%	66.1%	65.8%	62.1%	58.0%	59.9%	71.7%	67.7%	51.8%
	2018	56.4%	62.5%	61.2%	61.5%	66.0%	61.2%	67.0%	64.8%	65.3%	59.4%	61.3%	71.1%	62.5%	52.4%
Projected	2019	58.4%	63.7%	52.2%	56.0%	66.6%	60.1%	67.0%	64.3%	62.2%	57.8%	61.3%	70.8%	62.0%	51.3%
	2020	58.2%	62.9%	52.0%	55.9%	66.4%	60.0%	66.9%	64.2%	62.2%	57.8%	61.2%	70.7%	62.0%	51.3%
	2021	58.2%	63.6%	52.1%	55.9%	66.5%	60.1%	67.0%	64.3%	62.3%	58.0%	61.2%	70.7%	62.0%	51.3%
	2022	58.1%	63.5%	52.1%	55.9%	66.5%	60.1%	67.0%	64.3%	62.3%	58.0%	61.1%	70.7%	62.0%	51.3%
	2023	58.1%	63.5%	52.0%	55.9%	66.5%	60.1%	67.0%	64.3%	62.3%	58.0%	61.0%	70.5%	62.0%	51.3%
	2024	58.0%	62.7%	51.9%	55.8%	66.4%	60.0%	66.9%	64.2%	62.3%	57.9%	61.1%	70.6%	62.0%	51.3%
	2025	58.1%	63.5%	52.0%	55.9%	66.5%	60.1%	67.0%	64.4%	62.4%	58.0%	61.1%	70.6%	62.0%	51.3%
	2026	58.1%	63.5%	52.0%	55.9%	66.5%	60.1%	67.0%	64.4%	62.4%	58.0%	61.1%	70.6%	62.0%	51.3%
	2027	58.1%	63.5%	52.0%	55.9%	66.5%	60.1%	67.0%	64.4%	62.4%	58.0%	61.0%	70.5%	62.0%	51.3%
	2028	58.0%	62.7%	51.9%	55.8%	66.3%	60.0%	66.9%	64.3%	62.3%	57.9%	61.1%	70.6%	62.0%	51.3%
Avg.	2009-2018	58.5%	59.6%	60.8%	58.3%	66.8%	60.3%	67.0%	64.2%	63.4%	58.2%	59.3%	67.5%	62.0%	51.4%
	2019-2028	58.1%	63.3%	52.0%	55.9%	66.4%	60.1%	67.0%	64.3%	62.3%	58.0%	61.1%	70.6%	62.0%	51.3%

FMPA 2019 Load Forecast - Low Economic Case

Kissimmee Utility Auth.

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	277.1	275.7	193.4	227.0	277.7	312.1	286.6	294.9	271.5	287.2	221.4	186.4	275.7	312.1
	2010	314.4	232.0	228.8	199.9	266.7	303.2	300.7	299.2	275.3	255.8	198.7	297.8	314.4	303.2
	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	306.0	231.5	224.5	292.2	349.9
Projected	2019	270.4	246.0	292.3	285.1	319.3	347.2	347.5	358.6	331.4	312.3	231.7	224.7	270.4	358.6
	2020	270.7	246.2	292.5	285.3	319.6	347.5	347.7	358.8	331.6	312.6	232.2	225.2	270.7	358.8
	2021	271.3	246.8	293.2	286.0	320.3	348.3	348.6	359.7	332.4	313.3	233.7	226.6	271.3	359.7
	2022	273.0	248.3	295.1	287.7	322.3	350.5	350.7	361.9	334.5	315.3	235.5	228.4	273.0	361.9
	2023	275.1	250.3	297.4	290.0	324.8	353.2	353.5	364.8	337.1	317.8	238.0	230.8	275.1	364.8
	2024	278.0	252.9	300.5	293.0	328.2	356.9	357.2	368.6	340.7	321.1	239.8	232.6	278.0	368.6
	2025	280.1	254.8	302.8	295.3	330.7	359.6	359.9	371.4	343.2	323.5	241.9	234.6	280.1	371.4
	2026	282.6	257.0	305.4	297.8	333.6	362.7	363.0	374.6	346.2	326.3	243.9	236.5	282.6	374.6
	2027	284.9	259.2	307.9	300.3	336.3	365.7	366.0	377.7	349.1	329.0	246.2	238.8	284.9	377.7
	2028	287.7	261.7	310.9	303.2	339.6	369.3	369.6	381.4	352.5	332.2	247.8	240.3	287.7	381.4
Projected	2029	289.5	263.3	312.9	305.1	341.8	371.6	371.9	383.8	354.7	334.3	249.8	242.2	289.5	383.8
	2030	291.8	265.5	315.4	307.6	344.5	374.6	374.9	386.9	357.5	337.0	251.8	244.2	291.8	386.9
	2031	294.1	267.6	317.9	310.0	347.3	377.6	377.9	389.9	360.4	339.7	254.1	246.4	294.1	389.9
	2032	296.8	270.0	320.8	312.8	350.4	381.0	381.3	393.5	363.7	342.8	255.5	247.8	296.8	393.5
	2033	298.5	271.5	322.6	314.6	352.4	383.2	383.5	395.7	365.7	344.7	257.2	249.4	298.5	395.7
	2034	300.5	273.3	324.8	316.7	354.7	385.7	386.0	398.4	368.2	347.0	258.9	251.1	300.5	398.4
	2035	302.5	275.1	326.9	318.8	357.1	388.3	388.6	401.0	370.6	349.3	261.0	253.1	302.5	401.0
	2036	304.9	277.4	329.5	321.4	360.0	391.4	391.7	404.2	373.6	352.1	262.2	254.3	304.9	404.2
	2037	306.3	278.7	331.1	322.9	361.6	393.2	393.6	406.1	375.3	353.8	264.0	256.1	306.3	406.1
	2038	308.5	280.6	333.4	325.1	364.2	396.0	396.3	408.9	377.9	356.2	266.0	258.0	308.5	408.9

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	100.0%	100.0%	98.4%	100.0%	100.0%	98.6%	96.0%	97.6%	97.7%	99.5%	97.4%	96.9%	99.5%	98.6%
	2010	99.7%	95.7%	100.0%	99.0%	99.7%	97.3%	97.0%	96.5%	91.9%	97.2%	92.3%	100.0%	99.7%	97.3%
	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%	98.7%	95.0%	96.6%	98.0%	98.4%
Projected	2019	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2020	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2021	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2022	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2023	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2024	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2025	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2026	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2027	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2028	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2009-2018	97.1%	98.5%	97.2%	98.3%	98.5%	99.1%	97.3%	98.4%	96.7%	98.6%	95.8%	95.9%	99.0%	98.6%
	2019-2028	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%

FMPA 2019 Load Forecast - Low Economic Case - KUA

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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		% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2009	695,330		52,218		13,316		173,887		8,913		19.5		448,540		902		497		14,958		3,262		1,335,977		54,693	3.9%	1,390,670	
	2010	743,329	6.9%	52,517	0.6%	14,154	6.3%	176,793	1.7%	8,643	-3.0%	20.5	4.8%	432,259	-3.6%	828	-8.2%	522	4.9%	15,481	3.5%	3,446	5.6%	1,371,308	2.6%	58,832	4.1%	1,430,141	2.8%
	2011	733,223	-1.4%	53,562	2.0%	13,689	-3.3%	170,573	-3.5%	8,465	-2.1%	20.2	-1.5%	435,830	0.8%	846	2.1%	515	-1.3%	16,149	4.3%	3,539	2.7%	1,359,313	-0.9%	51,289	3.6%	1,410,602	-1.4%
	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%
Projected	2019	873,981	1.2%	65,975	3.0%	13,247	-1.8%	188,091	-0.6%	9,219	1.9%	20.4	-2.4%	489,900	0.4%	883	0.9%	555	-0.5%	18,000	-2.6%	3,599	2.5%	1,573,570	0.7%	59,784	3.7%	1,633,354	0.2%
	2020	868,496	-0.6%	66,367	0.6%	13,086	-1.2%	187,420	-0.4%	9,219	0.0%	20.3	-0.4%	488,049	-0.4%	886	0.3%	551	-0.7%	18,000	0.0%	3,622	0.6%	1,565,587	-0.5%	67,851	4.2%	1,633,438	0.0%
	2021	869,449	0.1%	67,136	1.2%	12,951	-1.0%	188,067	0.3%	9,233	0.2%	20.4	0.2%	490,910	0.6%	891	0.6%	551	0.0%	18,000	0.0%	3,650	0.8%	1,570,077	0.3%	65,502	4.0%	1,635,579	0.1%
	2022	873,833	0.5%	68,051	1.4%	12,841	-0.8%	188,953	0.5%	9,274	0.4%	20.4	0.0%	494,888	0.8%	896	0.6%	552	0.2%	18,000	0.0%	3,681	0.9%	1,579,356	0.6%	65,904	4.0%	1,645,260	0.6%
	2023	881,055	0.8%	69,014	1.4%	12,766	-0.6%	189,705	0.4%	9,321	0.5%	20.4	-0.1%	498,775	0.8%	901	0.6%	553	0.2%	18,000	0.0%	3,713	0.9%	1,591,249	0.8%	66,418	4.0%	1,657,667	0.8%
	2024	890,589	1.1%	70,013	1.4%	12,720	-0.4%	190,344	0.3%	9,373	0.5%	20.3	-0.2%	502,364	0.7%	906	0.5%	554	0.2%	18,000	0.0%	3,744	0.8%	1,605,042	0.9%	69,680	4.2%	1,674,721	1.0%
	2025	900,997	1.2%	71,037	1.5%	12,684	-0.3%	190,997	0.3%	9,426	0.6%	20.3	-0.2%	506,033	0.7%	911	0.5%	556	0.2%	18,000	0.0%	3,776	0.8%	1,619,804	0.9%	67,615	4.0%	1,687,418	0.8%
	2026	910,893	1.1%	72,060	1.4%	12,641	-0.3%	191,660	0.3%	9,481	0.6%	20.2	-0.2%	509,765	0.7%	915	0.5%	557	0.3%	18,000	0.0%	3,807	0.8%	1,634,126	0.9%	68,200	4.0%	1,702,326	0.9%
	2027	920,111	1.0%	73,058	1.4%	12,594	-0.4%	192,299	0.3%	9,536	0.6%	20.2	-0.2%	513,405	0.7%	919	0.5%	558	0.3%	18,000	0.0%	3,836	0.8%	1,647,651	0.8%	68,758	4.0%	1,716,409	0.8%
	2028	929,405	1.0%	74,060	1.4%	12,549	-0.4%	192,905	0.3%	9,590	0.6%	20.1	-0.2%	516,923	0.7%	923	0.4%	560	0.3%	18,000	0.0%	3,865	0.8%	1,661,098	0.8%	72,086	4.2%	1,733,184	1.0%
	2029	938,626	1.0%	75,074	1.4%	12,503	-0.4%	193,491	0.3%	9,644	0.6%	20.1	-0.3%	520,374	0.7%	927	0.4%	561	0.3%	18,000	0.0%	3,894	0.8%	1,674,385	0.8%	69,861	4.0%	1,744,246	0.6%
	2030	947,912	1.0%	76,075	1.3%	12,460	-0.3%	194,066	0.3%	9,697	0.6%	20.0	-0.3%	523,786	0.7%	931	0.4%	563	0.3%	18,000	0.0%	3,923	0.7%	1,687,687	0.8%	70,416	4.0%	1,758,103	0.8%
	2031	957,689	1.0%	77,053	1.3%	12,429	-0.3%	194,612	0.3%	9,750	0.5%	20.0	-0.3%	527,088	0.6%	934	0.4%	564	0.3%	18,000	0.0%	3,950	0.7%	1,701,339	0.8%	70,978	4.0%	1,772,317	0.8%
	2032	966,776	0.9%	78,000	1.2%	12,395	-0.3%	195,137	0.3%	9,799	0.5%	19.9	-0.2%	530,314	0.6%	937	0.4%	566	0.3%	18,000	0.0%	3,976	0.7%	1,714,203	0.8%	74,365	4.2%	1,788,568	0.9%
	2033	975,536	0.9%	78,947	1.2%	12,357	-0.3%	195,644	0.3%	9,847	0.5%	19.9	-0.2%	533,472	0.6%	941	0.3%	567	0.3%	18,000	0.0%	4,002	0.7%	1,726,654	0.7%	72,017	4.0%	1,798,672	0.6%
	2034	983,865	0.9%	79,897	1.2%	12,314	-0.3%	196,116	0.2%	9,893	0.5%	19.8	-0.2%	536,490	0.6%	944	0.3%	569	0.2%	18,000	0.0%	4,028	0.6%	1,738,499	0.7%	72,501	4.0%	1,811,000	0.7%
	2035	991,868	0.8%	80,849	1.2%	12,268	-0.4%	196,572	0.2%	9,940	0.5%	19.8	-0.2%	539,448	0.6%	947	0.3%	570	0.2%	18,000	0.0%	4,054	0.6%	1,749,942	0.7%	72,975	4.0%	1,822,918	0.7%
	2036	999,919	0.8%	81,793	1.2%	12,225	-0.4%	197,017	0.2%	9,987	0.5%	19.7	-0.3%	542,368	0.5%	950	0.3%	571	0.2%	18,000	0.0%	4,079	0.6%	1,761,383	0.7%	76,384	4.2%	1,837,767	0.8%
	2037	1,007,617	0.8%	82,737	1.2%	12,179	-0.4%	197,444	0.2%	10,034	0.5%	19.7	-0.2%	545,219	0.5%	952	0.3%	572	0.2%	18,000	0.0%	4,105	0.6%	1,772,385	0.6%	73,901	4.0%	1,846,286	0.5%
	2038	1,016,388	0.9%	83,710	1.2%	12,142	-0.3%	197,859	0.2%	10,078	0.4%	19.6	-0.2%	548,026	0.5%	955	0.3%	574	0.2%	18,000	0.0%	4,131	0.6%	1,784,404	0.7%	74,408	4.0%	1,858,811	0.7%
CAGR	2009-2018		2.4%		2.3%		0.1%		0.9%		0.2%		0.8%		0.9%		-0.3%		1.3%		2.4%		0.8%		1.8%		4.1%		1.8%
	2019-2028		0.7%		1.3%		-0.6%		0.3%		0.4%		-0.2%		0.6%		0.5%		0.1%		0.0%		0.8%		0.6%		4.0%		0.7%
	2029-2038		0.9%		1.2%		-0.3%		0.2%		0.5%		-0.2%		0.6%		0.3%		0.2%		0.0%		0.7%		0.7%		4.0%		0.7%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - High Economic Case

Kissimmee Utility Auth.

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	1,390,670	-	1,390,886	-	0.0%	275.7	-	257.7	-	-6.5%	312.1	-	315.3		1.0%
	2010	1,430,141	2.8%	1,363,413	-2.0%	-4.7%	314.4	14.0%	283.7	10.1%	-9.7%	303.2	-2.9%	304.3	-3.5%	0.3%
	2011	1,410,602	-1.4%	1,366,981	0.3%	-3.1%	297.8	-5.3%	284.9	0.4%	-4.3%	316.0	4.2%	313.4	3.0%	-0.8%
	2012	1,384,319	-1.9%	1,404,745	2.8%	1.5%	245.8	-17.5%	250.2	-12.2%	1.8%	302.6	-4.2%	336.6	7.4%	11.3%
	2013	1,393,491	0.7%	1,406,254	0.1%	0.9%	242.8	-1.2%	229.9	-8.1%	-5.3%	306.8	1.4%	327.7	-2.6%	6.8%
	2014	1,442,316	3.5%	1,423,542	1.2%	-1.3%	241.4	-0.6%	288.3	25.4%	19.4%	326.9	6.5%	320.4	-2.2%	-2.0%
	2015	1,508,124	4.6%	1,461,080	2.6%	-3.1%	264.5	9.6%	236.4	-18.0%	-10.6%	330.5	1.1%	338.1	5.5%	2.3%
	2016	1,585,494	5.1%	1,530,245	4.7%	-3.5%	275.8	4.3%	264.5	11.9%	-4.1%	353.7	7.0%	350.5	3.6%	-0.9%
	2017	1,580,568	-0.3%	1,593,478	4.1%	0.8%	266.8	-3.2%	264.9	0.1%	-0.7%	345.7	-2.3%	378.5	8.0%	9.5%
	2018	1,629,958	3.1%	1,623,047	1.9%	-0.4%	292.2	9.5%	280.0	5.7%	-4.2%	349.9	1.2%	378.3	-0.1%	8.1%
Projected	2019	1,655,319	1.6%	1,655,319	2.0%		276.3	-5.4%	276.3	-1.3%		366.3	4.7%	366.3	-3.2%	
	2020			1,713,566	3.5%				285.7	3.4%				378.8	3.4%	
	2021			1,763,080	2.9%				294.2	2.9%				390.0	2.9%	
	2022			1,819,278	3.2%				303.4	3.2%				402.3	3.2%	
	2023			1,871,925	2.9%				312.0	2.8%				413.6	2.8%	
	2024			1,925,437	2.9%				320.8	2.8%				425.4	2.8%	
	2025			1,972,067	2.4%				328.5	2.4%				435.6	2.4%	
	2026			2,020,059	2.4%				336.4	2.4%				446.0	2.4%	
	2027			2,066,143	2.3%				344.0	2.3%				456.0	2.3%	
	2028			2,114,940	2.4%				352.1	2.3%				466.7	2.3%	
	2029			2,156,372	2.0%				358.9	1.9%				475.8	1.9%	
	2030			2,200,932	2.1%				366.3	2.1%				485.6	2.1%	
	2031			2,245,850	2.0%				373.7	2.0%				495.4	2.0%	
	2032			2,293,228	2.1%				381.5	2.1%				505.8	2.1%	
	2033			2,332,603	1.7%				388.0	1.7%				514.4	1.7%	
	2034			2,374,790	1.8%				395.0	1.8%				523.6	1.8%	
	2035			2,416,428	1.8%				401.9	1.8%				532.8	1.8%	
	2036			2,462,056	1.9%				409.4	1.9%				542.8	1.9%	
	2037			2,499,198	1.5%				415.6	1.5%				551.0	1.5%	
	2038			2,541,960	1.7%				422.8	1.7%				560.5	1.7%	
CAGR [3]	2009-2018		1.8%		1.7%			0.6%		0.9%			1.3%		2.0%	
	2019-2028				2.8%					2.7%					2.7%	
	2029-2038				1.8%					1.8%					1.8%	

[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 2019 Load Forecast - High Economic Case

Kissimmee Utility Auth.

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	1,390,670	-	1,390,886	-	0.0%	277.1	-	57.3%	316.5	-	50.2%
	2010	1,430,141	2.8%	1,363,413	-2.0%	-4.7%	315.4	13.8%	51.8%	311.6	-1.5%	52.4%
	2011	1,410,602	-1.4%	1,366,981	0.3%	-3.1%	297.8	-5.6%	54.1%	316.0	1.4%	51.0%
	2012	1,384,319	-1.9%	1,404,745	2.8%	1.5%	246.5	-17.2%	64.1%	310.4	-1.8%	50.9%
	2013	1,393,491	0.7%	1,406,254	0.1%	0.9%	242.8	-1.5%	65.5%	314.1	1.2%	50.6%
	2014	1,442,316	3.5%	1,423,542	1.2%	-1.3%	250.2	3.0%	65.8%	326.9	4.1%	50.4%
	2015	1,508,124	4.6%	1,461,080	2.6%	-3.1%	264.5	5.7%	65.1%	334.8	2.4%	51.4%
	2016	1,585,494	5.1%	1,530,245	4.7%	-3.5%	281.7	6.5%	64.2%	353.7	5.6%	51.2%
	2017	1,580,568	-0.3%	1,593,478	4.1%	0.8%	269.7	-4.3%	66.9%	352.5	-0.3%	51.2%
	2018	1,629,958	3.1%	1,623,047	1.9%	-0.4%	298.2	10.6%	62.4%	355.6	0.9%	52.3%
Projected	2019	1,655,319	1.6%	1,655,319	2.0%		307.3	3.0%	61.5%	370.9	4.3%	50.9%
	2020	1,713,566	3.5%	1,713,566	3.5%		317.8	3.4%	61.6%	383.6	3.4%	51.0%
	2021	1,763,080	2.9%	1,763,080	2.9%		327.1	2.9%	61.5%	394.9	2.9%	51.0%
	2022	1,819,278	3.2%	1,819,278	3.2%		337.5	3.2%	61.5%	407.3	3.2%	51.0%
	2023	1,871,925	2.9%	1,871,925	2.9%		347.0	2.8%	61.6%	418.8	2.8%	51.0%
	2024	1,925,437	2.9%	1,925,437	2.9%		356.8	2.8%	61.6%	430.7	2.8%	51.0%
	2025	1,972,067	2.4%	1,972,067	2.4%		365.4	2.4%	61.6%	441.0	2.4%	51.0%
	2026	2,020,059	2.4%	2,020,059	2.4%		374.1	2.4%	61.6%	451.6	2.4%	51.1%
	2027	2,066,143	2.3%	2,066,143	2.3%		382.6	2.3%	61.7%	461.8	2.3%	51.1%
	2028	2,114,940	2.4%	2,114,940	2.4%		391.5	2.3%	61.7%	472.6	2.3%	51.1%
	2029	2,156,372	2.0%	2,156,372	2.0%		399.1	1.9%	61.7%	481.8	1.9%	51.1%
	2030	2,200,932	2.1%	2,200,932	2.1%		407.4	2.1%	61.7%	491.7	2.1%	51.1%
	2031	2,245,850	2.0%	2,245,850	2.0%		415.6	2.0%	61.7%	501.7	2.0%	51.1%
	2032	2,293,228	2.1%	2,293,228	2.1%		424.3	2.1%	61.7%	512.2	2.1%	51.1%
	2033	2,332,603	1.7%	2,332,603	1.7%		431.5	1.7%	61.7%	520.9	1.7%	51.1%
	2034	2,374,790	1.8%	2,374,790	1.8%		439.3	1.8%	61.7%	530.2	1.8%	51.1%
	2035	2,416,428	1.8%	2,416,428	1.8%		447.0	1.8%	61.7%	539.5	1.8%	51.1%
	2036	2,462,056	1.9%	2,462,056	1.9%		455.3	1.9%	61.7%	549.6	1.9%	51.1%
	2037	2,499,198	1.5%	2,499,198	1.5%		462.2	1.5%	61.7%	557.9	1.5%	51.1%
	2038	2,541,960	1.7%	2,541,960	1.7%		470.2	1.7%	61.7%	567.5	1.7%	51.1%
CAGR [1]	2009-2018		1.8%		1.7%			0.8%	61.7%		1.3%	51.2%
	2019-2028		2.8%		2.8%			2.7%	61.6%		2.7%	51.0%
	2029-2038		1.8%		1.8%			1.8%	61.7%		1.8%	51.1%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - High Economic Case

Kissimmee Utility Auth.

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	102,071	92,536	98,559	103,583	124,080	140,808	142,342	147,026	130,943	124,357	92,543	97,665	1,396,514	1,390,670
	2010	119,447	99,964	95,649	95,922	128,712	142,956	151,242	147,740	133,944	111,924	90,390	119,267	1,437,157	1,430,141
	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	136,948	111,167	118,910	1,633,376	1,629,958
Projected	2019	121,305	107,810	117,899	122,296	147,223	159,792	175,682	178,167	158,119	140,750	115,330	123,282	1,667,656	1,655,319
	2020	125,772	114,466	121,987	126,443	152,166	165,082	181,412	183,848	163,028	144,998	118,686	126,800	1,724,689	1,713,566
	2021	129,454	115,025	125,640	130,246	156,817	170,242	187,163	189,734	168,275	149,674	122,445	130,834	1,775,549	1,763,080
	2022	133,659	118,735	129,612	134,323	161,764	175,676	193,164	195,799	173,594	154,331	126,120	134,709	1,831,484	1,819,278
	2023	137,653	122,225	133,314	138,096	166,320	180,665	198,663	201,356	178,474	158,616	129,512	138,307	1,883,200	1,871,925
	2024	141,404	128,600	136,847	141,722	170,729	185,527	204,053	206,826	183,293	162,857	132,872	141,874	1,936,604	1,925,437
	2025	145,119	128,798	140,331	145,294	175,069	190,305	209,344	212,191	188,014	167,007	136,158	145,361	1,982,991	1,972,067
	2026	148,738	131,972	143,708	148,745	179,249	194,894	214,409	217,311	192,509	170,950	139,276	148,663	2,030,422	2,020,059
	2027	152,174	134,997	146,938	152,058	183,273	199,324	219,315	222,286	196,889	174,804	142,329	151,904	2,076,290	2,066,143
	2028	155,552	141,346	150,118	155,322	187,243	203,703	224,170	227,216	201,234	178,630	145,362	155,127	2,125,023	2,114,940
Projected	2029	158,907	140,922	153,261	158,542	191,154	208,007	228,934	232,044	205,482	182,365	148,320	158,266	2,166,203	2,156,372
	2030	162,188	143,822	156,368	161,740	195,056	212,325	233,738	236,938	209,807	186,182	151,350	161,494	2,211,009	2,200,932
	2031	165,554	146,781	159,519	164,967	198,978	216,646	238,522	241,786	214,069	189,925	154,306	164,627	2,255,680	2,245,850
	2032	168,820	153,312	162,580	168,103	202,790	220,849	243,179	246,510	218,228	193,582	157,199	167,699	2,302,850	2,293,228
	2033	172,026	152,475	165,591	171,191	206,548	224,996	247,779	251,178	222,339	197,199	160,060	170,737	2,342,120	2,332,603
	2034	175,190	155,255	168,550	174,219	210,226	229,045	252,260	255,719	226,330	200,704	162,829	173,672	2,383,999	2,374,790
	2035	178,261	157,967	171,450	177,202	213,867	233,076	256,746	260,287	230,367	204,267	165,655	176,684	2,425,829	2,416,428
	2036	181,398	164,650	174,378	180,196	217,502	237,077	261,173	264,770	234,306	207,723	168,384	179,576	2,471,133	2,462,056
	2037	184,427	163,395	177,239	183,140	221,096	241,056	265,600	269,277	238,286	211,233	171,165	182,536	2,508,450	2,499,198
	2038	187,544	166,159	180,205	186,199	224,849	245,233	270,269	274,051	242,516	214,975	174,134	185,705	2,551,840	2,541,960

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	7.3%	6.6%	7.1%	7.4%	8.9%	10.1%	10.2%	10.5%	9.4%	8.9%	6.6%	7.0%	100.0%
	2010	8.3%	7.0%	6.7%	6.7%	9.0%	9.9%	10.5%	10.3%	9.3%	7.8%	6.3%	8.3%	100.0%
	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	7.7%	6.7%	6.8%	7.5%	8.3%	9.6%	10.2%	10.5%	10.1%	8.4%	6.8%	7.3%	100.0%
Projected	2019	7.3%	6.5%	7.1%	7.3%	8.8%	9.6%	10.5%	10.7%	9.5%	8.4%	6.9%	7.4%	100.0%
	2020	7.3%	6.6%	7.1%	7.3%	8.8%	9.6%	10.5%	10.7%	9.5%	8.4%	6.9%	7.4%	100.0%
	2021	7.3%	6.5%	7.1%	7.3%	8.8%	9.6%	10.5%	10.7%	9.5%	8.4%	6.9%	7.4%	100.0%
	2022	7.3%	6.5%	7.1%	7.3%	8.8%	9.6%	10.5%	10.7%	9.5%	8.4%	6.9%	7.4%	100.0%
	2023	7.3%	6.5%	7.1%	7.3%	8.8%	9.6%	10.5%	10.7%	9.5%	8.4%	6.9%	7.3%	100.0%
	2024	7.3%	6.6%	7.1%	7.3%	8.8%	9.6%	10.5%	10.7%	9.5%	8.4%	6.9%	7.3%	100.0%
	2025	7.3%	6.5%	7.1%	7.3%	8.8%	9.6%	10.6%	10.7%	9.5%	8.4%	6.9%	7.3%	100.0%
	2026	7.3%	6.5%	7.1%	7.3%	8.8%	9.6%	10.6%	10.7%	9.5%	8.4%	6.9%	7.3%	100.0%
	2027	7.3%	6.5%	7.1%	7.3%	8.8%	9.6%	10.6%	10.7%	9.5%	8.4%	6.9%	7.3%	100.0%
	2028	7.3%	6.7%	7.1%	7.3%	8.8%	9.6%	10.5%	10.7%	9.5%	8.4%	6.8%	7.3%	100.0%
Avg.	2009-2018	7.3%	6.5%	7.1%	7.7%	8.9%	9.7%	10.5%	10.5%	9.5%	8.4%	6.8%	7.3%	100.0%
	2019-2028	7.3%	6.5%	7.1%	7.3%	8.8%	9.6%	10.5%	10.7%	9.5%	8.4%	6.9%	7.3%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - High Economic Case

Kissimmee Utility Auth.

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	277.1	275.7	196.5	227.0	277.7	316.5	298.5	302.2	277.8	288.7	227.3	192.4	277.1	316.5
	2010	315.4	242.4	228.8	201.9	267.5	311.6	310.2	310.0	299.5	263.3	215.3	297.8	315.4	311.6
	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	310.1	248.9	237.4	298.2	355.6
Projected	2019	284.4	255.6	307.3	296.1	331.0	358.1	363.7	370.9	350.1	323.4	257.4	245.5	307.3	370.9
	2020	294.1	264.3	317.8	306.3	342.4	370.3	376.1	383.6	362.0	334.5	265.0	252.8	317.8	383.6
	2021	302.8	272.1	327.1	315.3	352.5	381.2	387.2	394.9	372.7	344.3	273.4	260.7	327.1	394.9
	2022	312.3	280.7	337.5	325.2	363.6	393.2	399.4	407.3	384.5	355.2	281.1	268.1	337.5	407.3
	2023	321.2	288.6	347.0	334.4	373.8	404.3	410.7	418.8	395.3	365.2	289.1	275.7	347.0	418.8
	2024	330.3	296.8	356.8	343.9	384.4	415.8	422.4	430.7	406.5	375.6	296.0	282.3	356.8	430.7
	2025	338.2	303.9	365.4	352.1	393.6	425.8	432.5	441.0	416.3	384.5	303.1	289.1	365.4	441.0
	2026	346.3	311.2	374.1	360.6	403.1	436.0	442.8	451.6	426.2	393.7	309.9	295.6	374.1	451.6
	2027	354.1	318.2	382.6	368.7	412.2	445.8	452.8	461.8	435.9	402.6	317.2	302.5	382.6	461.8
	2028	362.4	325.7	391.5	377.4	421.8	456.3	463.5	472.6	446.1	412.1	323.3	308.4	391.5	472.6
Projected	2029	369.4	332.0	399.1	384.7	430.0	465.1	472.4	481.8	454.7	420.1	330.0	314.8	399.1	481.8
	2030	377.1	338.8	407.4	392.6	438.9	474.7	482.2	491.7	464.1	428.8	336.7	321.1	407.4	491.7
	2031	384.7	345.7	415.6	400.6	447.8	484.3	492.0	501.7	473.5	437.4	343.7	327.9	415.6	501.7
	2032	392.7	352.9	424.3	408.9	457.1	494.5	502.2	512.2	483.4	446.6	349.6	333.4	424.3	512.2
	2033	399.4	358.9	431.5	415.9	464.9	502.9	510.8	520.9	491.7	454.2	355.9	339.4	431.5	520.9
	2034	406.6	365.4	439.3	423.4	473.2	511.9	519.9	530.2	500.4	462.3	362.1	345.4	439.3	530.2
	2035	413.7	371.8	447.0	430.8	481.5	520.9	529.1	539.5	509.2	470.4	368.9	351.8	447.0	539.5
	2036	421.4	378.7	455.3	438.8	490.5	530.6	538.9	549.6	518.7	479.2	374.4	357.1	455.3	549.6
	2037	427.8	384.4	462.2	445.5	497.9	538.6	547.1	557.9	526.6	486.4	380.9	363.3	462.2	557.9
	2038	435.2	391.1	470.2	453.2	506.6	547.9	556.5	567.5	535.7	494.9	387.7	369.7	470.2	567.5

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	49.5%	49.9%	67.4%	61.3%	66.5%	59.8%	66.2%	65.4%	65.5%	57.9%	54.7%	70.5%	57.5%	50.4%
	2010	50.9%	61.4%	56.2%	63.9%	71.6%	61.7%	67.7%	64.1%	62.1%	57.1%	56.4%	55.6%	52.0%	52.6%
	2011	50.4%	64.3%	63.4%	56.9%	64.3%	59.5%	66.9%	63.9%	65.8%	58.4%	59.6%	69.9%	53.0%	50.0%
	2012	54.0%	57.4%	64.9%	56.8%	68.9%	58.8%	68.9%	62.9%	61.6%	56.7%	67.8%	71.8%	64.9%	51.5%
	2013	69.9%	57.4%	55.9%	59.8%	65.1%	61.7%	64.7%	65.4%	63.2%	60.4%	56.6%	68.1%	66.3%	51.2%
	2014	59.1%	67.3%	64.6%	53.1%	66.3%	59.6%	67.2%	64.1%	61.6%	57.7%	60.1%	66.5%	65.7%	50.3%
	2015	69.4%	54.4%	60.2%	63.0%	67.1%	60.0%	66.6%	62.6%	61.8%	58.3%	56.5%	66.0%	66.7%	52.7%
	2016	59.8%	58.2%	58.2%	53.6%	66.4%	61.4%	68.7%	63.0%	64.8%	58.1%	60.4%	64.2%	63.6%	50.7%
	2017	65.4%	63.6%	55.8%	53.5%	65.7%	59.4%	66.1%	65.8%	62.1%	58.0%	59.9%	71.7%	67.7%	51.8%
	2018	56.4%	62.5%	61.2%	61.5%	66.0%	61.2%	67.0%	64.8%	65.3%	59.4%	60.0%	69.6%	62.5%	52.4%
Projected	2019	57.3%	62.8%	51.6%	55.5%	66.2%	60.0%	67.1%	64.6%	62.7%	58.5%	60.2%	69.7%	62.0%	51.3%
	2020	57.5%	62.2%	51.6%	55.5%	66.1%	59.9%	67.0%	64.4%	62.5%	58.3%	60.2%	69.7%	62.0%	51.3%
	2021	57.5%	62.9%	51.6%	55.5%	66.2%	60.0%	67.1%	64.6%	62.7%	58.4%	60.2%	69.7%	62.0%	51.3%
	2022	57.5%	63.0%	51.6%	55.5%	66.2%	60.0%	67.2%	64.6%	62.7%	58.4%	60.3%	69.8%	62.0%	51.3%
	2023	57.6%	63.0%	51.6%	55.5%	66.2%	60.1%	67.2%	64.6%	62.7%	58.4%	60.2%	69.7%	62.0%	51.3%
	2024	57.5%	62.3%	51.5%	55.4%	66.1%	60.0%	67.1%	64.5%	62.6%	58.3%	60.3%	69.8%	62.0%	51.3%
	2025	57.7%	63.1%	51.6%	55.5%	66.2%	60.1%	67.2%	64.7%	62.7%	58.4%	60.4%	69.8%	62.0%	51.3%
	2026	57.7%	63.1%	51.6%	55.4%	66.2%	60.1%	67.2%	64.7%	62.7%	58.4%	60.4%	69.9%	62.0%	51.3%
	2027	57.8%	63.1%	51.6%	55.4%	66.2%	60.1%	67.3%	64.7%	62.7%	58.4%	60.3%	69.7%	62.0%	51.3%
	2028	57.7%	62.4%	51.5%	55.3%	66.1%	60.0%	67.2%	64.6%	62.7%	58.3%	60.4%	69.9%	62.0%	51.3%
Avg.	2009-2018	58.5%	59.6%	60.8%	58.3%	66.8%	60.3%	67.0%	64.2%	63.4%	58.2%	59.2%	67.4%	62.0%	51.4%
	2019-2028	57.6%	62.8%	51.6%	55.5%	66.2%	60.0%	67.2%	64.6%	62.7%	58.4%	60.3%	69.8%	62.0%	51.3%

FMPA 2019 Load Forecast - High Economic Case

Kissimmee Utility Auth.

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	277.1	275.7	193.4	227.0	277.7	312.1	286.6	294.9	271.5	287.2	221.4	186.4	275.7	312.1
	2010	314.4	232.0	228.8	199.9	266.7	303.2	300.7	299.2	275.3	255.8	198.7	297.8	314.4	303.2
	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	306.0	236.5	229.4	292.2	349.9
Projected	2019	276.3	251.3	298.6	291.2	326.2	354.7	355.0	366.3	338.5	319.1	244.6	237.2	276.3	366.3
	2020	285.7	259.9	308.8	301.2	337.3	366.8	367.1	378.8	350.1	330.0	251.8	244.2	285.7	378.8
	2021	294.2	267.6	317.9	310.1	347.3	377.6	377.9	390.0	360.4	339.7	259.7	251.9	294.2	390.0
	2022	303.4	276.0	327.9	319.8	358.2	389.5	389.8	402.3	371.8	350.4	267.1	259.0	303.4	402.3
	2023	312.0	283.8	337.2	328.9	368.4	400.5	400.9	413.6	382.3	360.3	274.6	266.4	312.0	413.6
	2024	320.8	291.9	346.8	338.2	378.8	411.9	412.2	425.4	393.1	370.5	281.2	272.7	320.8	425.4
	2025	328.5	298.9	355.1	346.3	387.9	421.8	422.1	435.6	402.5	379.4	287.9	279.3	328.5	435.6
	2026	336.4	306.0	363.6	354.6	397.2	431.8	432.2	446.0	412.2	388.5	294.5	285.6	336.4	446.0
	2027	344.0	312.9	371.8	362.6	406.1	441.6	442.0	456.0	421.5	397.3	301.4	292.3	344.0	456.0
	2028	352.1	320.3	380.5	371.1	415.7	452.0	452.3	466.7	431.4	406.6	307.2	297.9	352.1	466.7
Projected	2029	358.9	326.5	387.9	378.3	423.7	460.7	461.1	475.8	439.7	414.5	313.6	304.1	358.9	475.8
	2030	366.3	333.2	395.9	386.1	432.5	470.2	470.6	485.6	448.8	423.0	319.9	310.2	366.3	485.6
	2031	373.7	340.0	403.9	393.9	441.2	479.7	480.1	495.4	457.9	431.6	326.6	316.7	373.7	495.4
	2032	381.5	347.1	412.4	402.1	450.4	489.8	490.2	505.8	467.5	440.6	332.2	322.1	381.5	505.8
	2033	388.0	353.0	419.4	409.0	458.1	498.1	498.5	514.4	475.4	448.1	338.1	327.9	388.0	514.4
	2034	395.0	359.3	426.9	416.3	466.3	507.0	507.4	523.6	483.9	456.1	344.0	333.6	395.0	523.6
	2035	401.9	365.6	434.4	423.6	474.5	515.9	516.4	532.8	492.4	464.2	350.4	339.9	401.9	532.8
	2036	409.4	372.4	442.5	431.5	483.4	525.6	526.0	542.8	501.6	472.8	355.7	345.0	409.4	542.8
	2037	415.6	378.1	449.2	438.0	490.7	533.5	533.9	551.0	509.2	480.0	361.9	351.0	415.6	551.0
	2038	422.8	384.6	456.9	445.6	499.1	542.7	543.2	560.5	518.0	488.3	368.3	357.2	422.8	560.5

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	100.0%	100.0%	98.4%	100.0%	100.0%	98.6%	96.0%	97.6%	97.7%	99.5%	97.4%	96.9%	99.5%	98.6%
	2010	99.7%	95.7%	100.0%	99.0%	99.7%	97.3%	97.0%	96.5%	91.9%	97.2%	92.3%	100.0%	99.7%	97.3%
	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%	98.7%	95.0%	96.6%	98.0%	98.4%
Projected	2019	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2020	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2021	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2022	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2023	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2024	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2025	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2026	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2027	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2028	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2009-2018	97.1%	98.5%	97.2%	98.3%	98.5%	99.1%	97.3%	98.4%	96.7%	98.6%	95.8%	95.9%	99.0%	98.6%
	2019-2028	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%

FMPA 2019 Load Forecast - High Economic Case - KUA

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	695,330		52,218		13,316		173,887		8,913		19.5		448,540		902		497		14,958		3,262		1,335,977		54,693	3.9%	1,390,670	
	2010	743,329	6.9%	52,517	0.6%	14,154	6.3%	176,793	1.7%	8,643	-3.0%	20.5	4.8%	432,259	-3.6%	828	-8.2%	522	4.9%	15,481	3.5%	3,446	5.6%	1,371,308	2.6%	58,832	4.1%	1,430,141	2.8%
	2011	733,223	-1.4%	53,562	2.0%	13,689	-3.3%	170,573	-3.5%	8,465	-2.1%	20.2	-1.5%	435,830	0.8%	846	2.1%	515	-1.3%	16,149	4.3%	3,539	2.7%	1,359,313	-0.9%	51,289	3.6%	1,410,602	-1.4%
	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%
Projected	2019	886,898	2.6%	66,767	4.3%	13,283	-1.5%	189,638	0.2%	9,243	2.1%	20.5	-1.9%	496,234	1.7%	889	1.6%	558	0.1%	18,000	-2.6%	3,623	3.2%	1,594,392	2.0%	60,927	3.7%	1,655,319	1.6%
	2020	918,018	3.5%	69,316	3.8%	13,244	-0.3%	192,573	1.5%	9,406	1.8%	20.5	-0.2%	509,788	2.7%	908	2.1%	562	0.6%	18,000	0.0%	3,707	2.3%	1,642,087	3.0%	71,480	4.2%	1,713,566	3.5%
	2021	953,109	3.8%	71,561	3.2%	13,319	0.6%	195,370	1.5%	9,557	1.6%	20.4	-0.2%	521,965	2.4%	922	1.6%	566	0.8%	18,000	0.0%	3,777	1.9%	1,692,221	3.1%	70,859	4.0%	1,763,080	2.9%
	2022	992,526	4.1%	73,776	3.1%	13,453	1.0%	198,034	1.4%	9,687	1.4%	20.4	0.0%	533,770	2.3%	935	1.4%	571	0.8%	18,000	0.0%	3,844	1.8%	1,746,174	3.2%	73,104	4.0%	1,819,278	3.2%
	2023	1,029,787	3.8%	75,964	3.0%	13,556	0.8%	200,363	1.2%	9,810	1.3%	20.4	-0.1%	544,714	2.1%	947	1.3%	575	0.7%	18,000	0.0%	3,909	1.7%	1,796,773	2.9%	75,153	4.0%	1,871,925	2.9%
	2024	1,065,934	3.5%	78,145	2.9%	13,640	0.6%	202,448	1.0%	9,929	1.2%	20.4	-0.2%	554,866	1.9%	959	1.2%	579	0.7%	18,000	0.0%	3,971	1.6%	1,845,219	2.7%	80,217	4.2%	1,925,437	2.9%
	2025	1,101,678	3.4%	80,325	2.8%	13,715	0.5%	204,460	1.0%	10,045	1.2%	20.4	-0.2%	564,786	1.8%	969	1.1%	583	0.7%	18,000	0.0%	4,032	1.5%	1,892,957	2.6%	79,110	4.0%	1,972,067	2.4%
	2026	1,136,021	3.1%	82,495	2.7%	13,771	0.4%	206,415	1.0%	10,159	1.1%	20.3	-0.2%	574,535	1.7%	979	1.0%	587	0.7%	18,000	0.0%	4,092	1.5%	1,939,063	2.4%	80,996	4.0%	2,020,059	2.4%
	2027	1,168,876	2.9%	84,623	2.6%	13,813	0.3%	208,291	0.9%	10,271	1.1%	20.3	-0.2%	584,011	1.6%	989	1.0%	591	0.7%	18,000	0.0%	4,150	1.4%	1,983,328	2.3%	82,815	4.0%	2,066,143	2.3%
	2028	1,201,453	2.8%	86,752	2.5%	13,849	0.3%	210,088	0.9%	10,379	1.1%	20.2	-0.2%	593,208	1.6%	998	0.9%	594	0.6%	18,000	0.0%	4,206	1.4%	2,026,955	2.2%	87,985	4.2%	2,114,940	2.4%
	2029	1,233,688	2.7%	88,897	2.5%	13,878	0.2%	211,829	0.8%	10,485	1.0%	20.2	-0.2%	602,214	1.5%	1,007	0.9%	598	0.6%	18,000	0.0%	4,263	1.3%	2,069,993	2.1%	86,379	4.0%	2,156,372	2.0%
	2030	1,265,854	2.6%	91,030	2.4%	13,906	0.2%	213,525	0.8%	10,590	1.0%	20.2	-0.2%	611,087	1.5%	1,015	0.9%	602	0.6%	18,000	0.0%	4,318	1.3%	2,112,784	2.1%	88,148	4.0%	2,200,932	2.1%
	2031	1,298,609	2.6%	93,141	2.3%	13,942	0.3%	215,167	0.8%	10,692	1.0%	20.1	-0.2%	619,778	1.4%	1,024	0.8%	605	0.6%	18,000	0.0%	4,372	1.2%	2,155,926	2.0%	89,924	4.0%	2,245,850	2.0%
	2032	1,330,425	2.5%	95,223	2.2%	13,972	0.2%	216,763	0.7%	10,790	0.9%	20.1	-0.2%	628,310	1.4%	1,032	0.8%	609	0.6%	18,000	0.0%	4,424	1.2%	2,197,921	1.9%	95,306	4.2%	2,293,228	2.1%
	2033	1,361,750	2.4%	97,309	2.2%	13,994	0.2%	218,317	0.7%	10,885	0.9%	20.1	-0.2%	636,713	1.3%	1,040	0.8%	612	0.6%	18,000	0.0%	4,476	1.2%	2,239,256	1.9%	93,348	4.0%	2,332,603	1.7%
	2034	1,392,511	2.3%	99,409	2.2%	14,008	0.1%	219,818	0.7%	10,978	0.9%	20.0	-0.2%	644,924	1.3%	1,047	0.7%	616	0.6%	18,000	0.0%	4,527	1.2%	2,279,780	1.8%	95,010	4.0%	2,374,790	1.8%
	2035	1,422,886	2.2%	101,523	2.1%	14,015	0.1%	221,283	0.7%	11,070	0.8%	20.0	-0.2%	653,020	1.3%	1,055	0.7%	619	0.5%	18,000	0.0%	4,579	1.1%	2,319,768	1.8%	96,660	4.0%	2,416,428	1.8%
	2036	1,453,418	2.1%	103,640	2.1%	14,024	0.1%	222,723	0.7%	11,163	0.8%	20.0	-0.2%	661,050	1.2%	1,062	0.7%	622	0.5%	18,000	0.0%	4,630	1.1%	2,359,821	1.7%	102,235	4.2%	2,462,056	1.9%
	2037	1,483,466	2.1%	105,764	2.0%	14,026	0.0%	224,133	0.6%	11,255	0.8%	19.9	-0.2%	668,986	1.2%	1,069	0.7%	626	0.5%	18,000	0.0%	4,680	1.1%	2,399,265	1.7%	99,933	4.0%	2,499,198	1.5%
	2038	1,515,225	2.1%	107,940	2.1%	14,038	0.1%	225,516	0.6%	11,343	0.8%	19.9	-0.2%	676,846	1.2%	1,076	0.7%	629	0.5%	18,000	0.0%	4,732	1.1%	2,440,319	1.7%	101,641	4.0%	2,541,960	1.7%
CAGR	2009-2018		2.4%		2.3%		0.1%		0.9%		0.2%		0.8%		0.9%		-0.3%		1.3%		2.4%		0.8%		1.8%		4.1%		1.8%
	2019-2028		3.4%		3.0%		0.5%		1.1%		1.3%		-0.2%		2.0%		1.3%		0.7%		0.0%		1.7%		2.7%		4.0%		2.8%
	2029-2038		2.3%		2.2%		0.1%		0.7%		0.9%		-0.2%		1.3%		0.7%		0.6%		0.0%		1.2%		1.8%		4.0%		1.8%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - Mild Weather Case

Kissimmee Utility Auth.

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

	Year	Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		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	2009	1,390,670	-	1,390,886	-	0.0%	275.7	-	257.7	-	-6.5%	312.1	-	315.3		1.0%
	2010	1,430,141	2.8%	1,363,413	-2.0%	-4.7%	314.4	14.0%	283.7	10.1%	-9.7%	303.2	-2.9%	304.3	-3.5%	0.3%
	2011	1,410,602	-1.4%	1,366,981	0.3%	-3.1%	297.8	-5.3%	284.9	0.4%	-4.3%	316.0	4.2%	313.4	3.0%	-0.8%
	2012	1,384,319	-1.9%	1,404,745	2.8%	1.5%	245.8	-17.5%	250.2	-12.2%	1.8%	302.6	-4.2%	336.6	7.4%	11.3%
	2013	1,393,491	0.7%	1,406,254	0.1%	0.9%	242.8	-1.2%	229.9	-8.1%	-5.3%	306.8	1.4%	327.7	-2.6%	6.8%
	2014	1,442,316	3.5%	1,423,542	1.2%	-1.3%	241.4	-0.6%	288.3	25.4%	19.4%	326.9	6.5%	320.4	-2.2%	-2.0%
	2015	1,508,124	4.6%	1,461,080	2.6%	-3.1%	264.5	9.6%	236.4	-18.0%	-10.6%	330.5	1.1%	338.1	5.5%	2.3%
	2016	1,585,494	5.1%	1,530,245	4.7%	-3.5%	275.8	4.3%	264.5	11.9%	-4.1%	353.7	7.0%	350.5	3.6%	-0.9%
	2017	1,580,568	-0.3%	1,593,478	4.1%	0.8%	266.8	-3.2%	264.9	0.1%	-0.7%	345.7	-2.3%	378.5	8.0%	9.5%
	2018	1,629,958	3.1%	1,623,047	1.9%	-0.4%	292.2	9.5%	280.0	5.7%	-4.2%	349.9	1.2%	378.3	-0.1%	8.1%
Projected	2019	1,586,242	-2.7%	1,586,242	-2.3%		263.7	-9.7%	263.7	-5.8%		349.6	-0.1%	349.6	-7.6%	
	2020			1,613,513	1.7%				268.4	1.8%				355.8	1.8%	
	2021			1,638,375	1.5%				272.7	1.6%				361.6	1.6%	
	2022			1,669,937	1.9%				278.0	1.9%				368.6	1.9%	
	2023			1,701,083	1.9%				283.1	1.8%				375.4	1.8%	
	2024			1,734,793	2.0%				288.7	2.0%				382.8	2.0%	
	2025			1,763,205	1.6%				293.4	1.6%				389.0	1.6%	
	2026			1,793,279	1.7%				298.3	1.7%				395.5	1.7%	
	2027			1,822,056	1.6%				303.1	1.6%				401.8	1.6%	
	2028			1,853,331	1.7%				308.3	1.7%				408.7	1.7%	
	2029			1,878,411	1.4%				312.4	1.3%				414.2	1.3%	
	2030			1,906,331	1.5%				317.1	1.5%				420.4	1.5%	
	2031			1,934,563	1.5%				321.7	1.5%				426.5	1.5%	
	2032			1,964,887	1.6%				326.7	1.6%				433.1	1.6%	
	2033			1,988,495	1.2%				330.6	1.2%				438.3	1.2%	
	2034			2,014,501	1.3%				334.9	1.3%				444.0	1.3%	
	2035			2,040,036	1.3%				339.1	1.3%				449.6	1.3%	
	2036			2,068,826	1.4%				343.9	1.4%				455.9	1.4%	
	2037			2,090,638	1.1%				347.5	1.1%				460.7	1.1%	
	2038			2,116,929	1.3%				351.9	1.3%				466.6	1.3%	
CAGR [3]	2009-2018		1.8%		1.7%			0.6%		0.9%			1.3%		2.0%	
	2019-2028				1.7%					1.7%					1.7%	
	2029-2038				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 2019 Load Forecast - Mild Weather Case

Kissimmee Utility Auth.

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	1,390,670	-	1,390,886	-	0.0%	277.1	-	57.3%	316.5	-	50.2%
	2010	1,430,141	2.8%	1,363,413	-2.0%	-4.7%	315.4	13.8%	51.8%	311.6	-1.5%	52.4%
	2011	1,410,602	-1.4%	1,366,981	0.3%	-3.1%	297.8	-5.6%	54.1%	316.0	1.4%	51.0%
	2012	1,384,319	-1.9%	1,404,745	2.8%	1.5%	246.5	-17.2%	64.1%	310.4	-1.8%	50.9%
	2013	1,393,491	0.7%	1,406,254	0.1%	0.9%	242.8	-1.5%	65.5%	314.1	1.2%	50.6%
	2014	1,442,316	3.5%	1,423,542	1.2%	-1.3%	250.2	3.0%	65.8%	326.9	4.1%	50.4%
	2015	1,508,124	4.6%	1,461,080	2.6%	-3.1%	264.5	5.7%	65.1%	334.8	2.4%	51.4%
	2016	1,585,494	5.1%	1,530,245	4.7%	-3.5%	281.7	6.5%	64.2%	353.7	5.6%	51.2%
	2017	1,580,568	-0.3%	1,593,478	4.1%	0.8%	269.7	-4.3%	66.9%	352.5	-0.3%	51.2%
	2018	1,629,958	3.1%	1,623,047	1.9%	-0.4%	298.2	10.6%	62.4%	355.6	0.9%	52.3%
Projected	2019	1,586,242	-2.7%	1,586,242	-2.3%		293.3	-1.7%	61.7%	354.0	-0.4%	51.1%
	2020	1,613,513	1.7%	1,613,513	1.7%		298.5	1.8%	61.7%	360.3	1.8%	51.1%
	2021	1,638,375	1.5%	1,638,375	1.5%		303.3	1.6%	61.7%	366.1	1.6%	51.1%
	2022	1,669,937	1.9%	1,669,937	1.9%		309.2	1.9%	61.7%	373.2	1.9%	51.1%
	2023	1,701,083	1.9%	1,701,083	1.9%		314.9	1.8%	61.7%	380.1	1.8%	51.1%
	2024	1,734,793	2.0%	1,734,793	2.0%		321.1	2.0%	61.7%	387.6	2.0%	51.1%
	2025	1,763,205	1.6%	1,763,205	1.6%		326.3	1.6%	61.7%	393.9	1.6%	51.1%
	2026	1,793,279	1.7%	1,793,279	1.7%		331.8	1.7%	61.7%	400.5	1.7%	51.1%
	2027	1,822,056	1.6%	1,822,056	1.6%		337.1	1.6%	61.7%	406.9	1.6%	51.1%
	2028	1,853,331	1.7%	1,853,331	1.7%		342.8	1.7%	61.7%	413.8	1.7%	51.1%
	2029	1,878,411	1.4%	1,878,411	1.4%		347.4	1.3%	61.7%	419.4	1.3%	51.1%
	2030	1,906,331	1.5%	1,906,331	1.5%		352.6	1.5%	61.7%	425.6	1.5%	51.1%
	2031	1,934,563	1.5%	1,934,563	1.5%		357.8	1.5%	61.7%	431.9	1.5%	51.1%
	2032	1,964,887	1.6%	1,964,887	1.6%		363.4	1.6%	61.7%	438.6	1.6%	51.1%
	2033	1,988,495	1.2%	1,988,495	1.2%		367.7	1.2%	61.7%	443.8	1.2%	51.1%
	2034	2,014,501	1.3%	2,014,501	1.3%		372.4	1.3%	61.7%	449.6	1.3%	51.2%
	2035	2,040,036	1.3%	2,040,036	1.3%		377.2	1.3%	61.7%	455.3	1.3%	51.2%
	2036	2,068,826	1.4%	2,068,826	1.4%		382.4	1.4%	61.8%	461.6	1.4%	51.2%
	2037	2,090,638	1.1%	2,090,638	1.1%		386.5	1.1%	61.8%	466.5	1.1%	51.2%
	2038	2,116,929	1.3%	2,116,929	1.3%		391.4	1.3%	61.7%	472.5	1.3%	51.1%
CAGR [1]	2009-2018		1.8%		1.7%			0.8%	61.7%		1.3%	51.2%
	2019-2028		1.7%		1.7%			1.7%	61.7%		1.7%	51.1%
	2029-2038		1.3%		1.3%			1.3%	61.7%		1.3%	51.1%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Mild Weather Case

Kissimmee Utility Auth.

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	102,071	92,536	98,559	103,583	124,080	140,808	142,342	147,026	130,943	124,357	92,543	97,665	1,396,514	1,390,670
	2010	119,447	99,964	95,649	95,922	128,712	142,956	151,242	147,740	133,944	111,924	90,390	119,267	1,437,157	1,430,141
	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	136,948	111,167	110,195	1,624,661	1,629,958
Projected	2019	108,296	99,262	117,197	121,539	146,076	152,336	165,974	167,849	149,402	137,697	113,320	112,061	1,591,009	1,586,242
	2020	110,148	103,516	119,115	123,519	148,463	154,801	168,642	170,504	151,728	139,813	115,048	113,771	1,619,068	1,613,513
	2021	111,865	102,572	121,107	125,634	151,057	157,574	171,709	173,653	154,572	142,471	117,231	115,947	1,645,391	1,638,375
	2022	114,011	104,529	123,409	128,033	153,966	160,639	175,064	177,051	157,585	145,234	119,457	118,128	1,677,107	1,669,937
	2023	116,147	106,463	125,669	130,378	156,802	163,624	178,326	180,350	160,507	147,910	121,607	120,232	1,708,012	1,701,083
	2024	118,228	111,091	127,901	132,711	159,644	166,635	181,634	183,710	163,489	150,647	123,804	122,383	1,741,878	1,734,793
	2025	120,346	110,282	130,154	135,058	162,492	169,642	184,924	187,040	166,435	153,342	125,964	124,493	1,770,170	1,763,205
	2026	122,415	112,153	132,338	137,324	165,232	172,521	188,064	190,206	169,228	155,891	128,003	126,481	1,799,855	1,793,279
	2027	124,371	113,930	134,421	139,492	167,860	175,293	191,097	193,274	171,944	158,376	129,996	128,428	1,828,482	1,822,056
	2028	126,290	118,591	136,469	141,627	170,455	178,035	194,101	196,320	174,643	160,851	131,982	130,371	1,859,736	1,853,331
Projected	2029	128,201	117,408	138,497	143,736	173,011	180,730	197,047	199,299	177,277	163,261	133,913	132,258	1,884,639	1,878,411
	2030	130,068	119,111	140,503	145,836	175,572	183,447	200,037	202,341	179,983	165,749	135,914	134,221	1,912,782	1,906,331
	2031	131,998	120,860	142,549	147,964	178,152	186,167	203,010	205,344	182,635	168,170	137,848	136,105	1,940,801	1,934,563
	2032	133,852	125,629	144,516	150,011	180,636	188,789	205,879	208,248	185,203	170,520	139,730	137,944	1,970,959	1,964,887
	2033	135,663	124,186	146,445	152,021	183,077	191,367	208,702	211,106	187,734	172,836	141,585	139,756	1,994,477	1,988,495
	2034	137,443	125,797	148,329	153,979	185,448	193,866	211,432	213,863	190,168	175,060	143,362	141,489	2,020,235	2,014,501
	2035	139,156	127,358	150,164	155,897	187,786	196,345	214,157	216,633	192,630	177,323	145,181	143,273	2,045,902	2,040,036
	2036	140,908	132,193	152,016	157,821	190,117	198,799	216,837	219,340	195,019	179,504	146,925	144,973	2,074,452	2,068,826
	2037	142,589	130,475	153,818	159,705	192,413	201,234	219,512	222,057	197,432	181,720	148,704	146,715	2,096,374	2,090,638
	2038	144,321	132,062	155,694	161,679	194,834	203,817	222,369	224,977	200,037	184,122	150,636	148,613	2,123,162	2,116,929

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	7.3%	6.6%	7.1%	7.4%	8.9%	10.1%	10.2%	10.5%	9.4%	8.9%	6.6%	7.0%	100.0%
	2010	8.3%	7.0%	6.7%	6.7%	9.0%	9.9%	10.5%	10.3%	9.3%	7.8%	6.3%	8.3%	100.0%
	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	7.7%	6.8%	6.9%	7.6%	8.4%	9.7%	10.2%	10.6%	10.2%	8.4%	6.8%	6.8%	100.0%
Projected	2019	6.8%	6.2%	7.4%	7.6%	9.2%	9.6%	10.4%	10.5%	9.4%	8.7%	7.1%	7.0%	100.0%
	2020	6.8%	6.4%	7.4%	7.6%	9.2%	9.6%	10.4%	10.5%	9.4%	8.6%	7.1%	7.0%	100.0%
	2021	6.8%	6.2%	7.4%	7.6%	9.2%	9.6%	10.4%	10.6%	9.4%	8.7%	7.1%	7.0%	100.0%
	2022	6.8%	6.2%	7.4%	7.6%	9.2%	9.6%	10.4%	10.6%	9.4%	8.7%	7.1%	7.0%	100.0%
	2023	6.8%	6.2%	7.4%	7.6%	9.2%	9.6%	10.4%	10.6%	9.4%	8.7%	7.1%	7.0%	100.0%
	2024	6.8%	6.4%	7.3%	7.6%	9.2%	9.6%	10.4%	10.5%	9.4%	8.6%	7.1%	7.0%	100.0%
	2025	6.8%	6.2%	7.4%	7.6%	9.2%	9.6%	10.4%	10.6%	9.4%	8.7%	7.1%	7.0%	100.0%
	2026	6.8%	6.2%	7.4%	7.6%	9.2%	9.6%	10.4%	10.6%	9.4%	8.7%	7.1%	7.0%	100.0%
	2027	6.8%	6.2%	7.4%	7.6%	9.2%	9.6%	10.5%	10.6%	9.4%	8.7%	7.1%	7.0%	100.0%
	2028	6.8%	6.4%	7.3%	7.6%	9.2%	9.6%	10.4%	10.6%	9.4%	8.6%	7.1%	7.0%	100.0%
Avg.	2009-2018	7.3%	6.5%	7.1%	7.7%	8.9%	9.7%	10.5%	10.5%	9.5%	8.4%	6.8%	7.2%	100.0%
	2019-2028	6.8%	6.3%	7.4%	7.6%	9.2%	9.6%	10.4%	10.6%	9.4%	8.7%	7.1%	7.0%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Mild Weather Case

Kissimmee Utility Auth.

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	277.1	275.7	196.5	227.0	277.7	316.5	298.5	302.2	277.8	288.7	227.3	192.4	277.1	316.5
	2010	315.4	242.4	228.8	201.9	267.5	311.6	310.2	310.0	299.5	263.3	215.3	297.8	315.4	311.6
	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	310.1	237.6	226.6	298.2	355.6
Projected	2019	271.5	244.0	293.3	282.7	316.0	341.8	347.2	354.0	334.2	308.7	241.8	230.6	293.3	354.0
	2020	276.3	248.3	298.5	287.7	321.6	347.8	353.3	360.3	340.1	314.1	245.7	234.4	298.5	360.3
	2021	280.8	252.3	303.3	292.4	326.8	353.5	359.0	366.1	345.6	319.3	250.5	238.9	303.3	366.1
	2022	286.2	257.2	309.2	298.0	333.1	360.3	366.0	373.2	352.2	325.4	255.1	243.3	309.2	373.2
	2023	291.4	261.9	314.9	303.5	339.2	366.9	372.7	380.1	358.7	331.4	260.1	248.1	314.9	380.1
	2024	297.2	267.1	321.1	309.5	346.0	374.2	380.1	387.6	365.9	338.0	264.4	252.2	321.1	387.6
	2025	302.1	271.4	326.3	314.5	351.6	380.3	386.3	393.9	371.8	343.5	268.8	256.4	326.3	393.9
	2026	307.1	276.0	331.8	319.8	357.5	386.7	392.8	400.5	378.0	349.2	273.1	260.5	331.8	400.5
	2027	312.0	280.4	337.1	324.9	363.2	392.8	399.0	406.9	384.0	354.8	277.8	264.9	337.1	406.9
	2028	317.3	285.2	342.8	330.4	369.4	399.5	405.8	413.8	390.6	360.8	281.5	268.5	342.8	413.8
Projected	2029	321.6	289.0	347.4	334.9	374.3	404.9	411.3	419.4	395.8	365.7	285.7	272.5	347.4	419.4
	2030	326.4	293.3	352.6	339.9	379.9	410.9	417.4	425.6	401.7	371.1	289.9	276.5	352.6	425.6
	2031	331.2	297.6	357.8	344.8	385.5	416.9	423.5	431.9	407.6	376.6	294.4	280.8	357.8	431.9
	2032	336.3	302.2	363.4	350.2	391.5	423.4	430.1	438.6	414.0	382.4	297.9	284.1	363.4	438.6
	2033	340.3	305.8	367.7	354.4	396.1	428.5	435.2	443.8	418.9	387.0	301.7	287.8	367.7	443.8
	2034	344.7	309.8	372.4	359.0	401.3	434.0	440.8	449.6	424.3	392.0	305.6	291.4	372.4	449.6
	2035	349.1	313.7	377.2	363.5	406.3	439.5	446.4	455.3	429.7	397.0	309.8	295.5	377.2	455.3
	2036	354.0	318.1	382.4	368.6	412.0	445.7	452.7	461.6	435.7	402.5	313.1	298.6	382.4	461.6
	2037	357.7	321.4	386.5	372.5	416.4	450.4	457.5	466.5	440.3	406.8	317.1	302.4	386.5	466.5
	2038	362.3	325.6	391.4	377.2	421.7	456.1	463.3	472.5	445.9	412.0	321.3	306.4	391.4	472.5

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	49.5%	49.9%	67.4%	61.3%	66.5%	59.8%	66.2%	65.4%	65.5%	57.9%	54.7%	70.5%	57.5%	50.4%
	2010	50.9%	61.4%	56.2%	63.9%	71.6%	61.7%	67.7%	64.1%	62.1%	57.1%	56.4%	55.6%	52.0%	52.6%
	2011	50.4%	64.3%	63.4%	56.9%	64.3%	59.5%	66.9%	63.9%	65.8%	58.4%	59.6%	69.9%	53.0%	50.0%
	2012	54.0%	57.4%	64.9%	56.8%	68.9%	58.8%	68.9%	62.9%	61.6%	56.7%	67.8%	71.8%	64.9%	51.5%
	2013	69.9%	57.4%	55.9%	59.8%	65.1%	61.7%	64.7%	65.4%	63.2%	60.4%	56.6%	68.1%	66.3%	51.2%
	2014	59.1%	67.3%	64.6%	53.1%	66.3%	59.6%	67.2%	64.1%	61.6%	57.7%	60.1%	66.5%	65.7%	50.3%
	2015	69.4%	54.4%	60.2%	63.0%	67.1%	60.0%	66.6%	62.6%	61.8%	58.3%	56.5%	66.0%	66.7%	52.7%
	2016	59.8%	58.2%	58.2%	53.6%	66.4%	61.4%	68.7%	63.0%	64.8%	58.1%	60.4%	64.2%	63.6%	50.7%
	2017	65.4%	63.6%	55.8%	53.5%	65.7%	59.4%	66.1%	65.8%	62.1%	58.0%	59.9%	71.7%	67.7%	51.8%
	2018	56.4%	62.5%	61.2%	61.5%	66.0%	61.2%	67.0%	64.8%	65.3%	59.4%	62.9%	67.5%	62.2%	52.1%
Projected	2019	53.6%	60.5%	53.7%	57.8%	68.8%	59.9%	66.4%	63.7%	62.1%	60.0%	63.0%	67.5%	61.9%	51.3%
	2020	53.6%	59.9%	53.6%	57.7%	68.7%	59.8%	66.3%	63.6%	62.0%	59.8%	62.9%	67.4%	61.9%	51.3%
	2021	53.6%	60.5%	53.7%	57.8%	68.8%	59.9%	66.4%	63.7%	62.1%	60.0%	62.9%	67.4%	61.9%	51.3%
	2022	53.5%	60.5%	53.6%	57.7%	68.8%	59.9%	66.4%	63.8%	62.1%	60.0%	62.9%	67.4%	61.9%	51.3%
	2023	53.6%	60.5%	53.6%	57.7%	68.8%	59.9%	66.5%	63.8%	62.1%	60.0%	62.8%	67.3%	61.9%	51.3%
	2024	53.5%	59.8%	53.5%	57.6%	68.7%	59.9%	66.4%	63.7%	62.1%	59.9%	62.9%	67.4%	61.9%	51.3%
	2025	53.6%	60.5%	53.6%	57.7%	68.8%	60.0%	66.5%	63.8%	62.2%	60.0%	63.0%	67.4%	61.9%	51.3%
	2026	53.6%	60.5%	53.6%	57.7%	68.8%	60.0%	66.5%	63.8%	62.2%	60.0%	63.0%	67.4%	61.9%	51.3%
	2027	53.6%	60.5%	53.6%	57.7%	68.8%	60.0%	66.5%	63.8%	62.2%	60.0%	62.9%	67.3%	61.9%	51.3%
	2028	53.5%	59.8%	53.5%	57.6%	68.7%	59.9%	66.4%	63.8%	62.1%	59.9%	63.0%	67.4%	61.9%	51.3%
Avg.	2009-2018	58.5%	59.6%	60.8%	58.3%	66.8%	60.3%	67.0%	64.2%	63.4%	58.2%	59.5%	67.2%	62.0%	51.3%
	2019-2028	53.6%	60.3%	53.6%	57.7%	68.8%	59.9%	66.4%	63.8%	62.1%	60.0%	62.9%	67.4%	61.9%	51.3%

FMPA 2019 Load Forecast - Mild Weather Case

Kissimmee Utility Auth.

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	277.1	275.7	193.4	227.0	277.7	312.1	286.6	294.9	271.5	287.2	221.4	186.4	275.7	312.1
	2010	314.4	232.0	228.8	199.9	266.7	303.2	300.7	299.2	275.3	255.8	198.7	297.8	314.4	303.2
	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	306.0	225.8	218.9	292.2	349.9
Projected	2019	263.7	239.9	285.0	278.0	311.4	338.6	338.8	349.6	323.1	304.6	229.7	222.8	263.7	349.6
	2020	268.4	244.1	290.1	282.9	316.9	344.5	344.8	355.8	328.8	310.0	233.5	226.4	268.4	355.8
	2021	272.7	248.1	294.8	287.5	322.0	350.1	350.4	361.6	334.2	315.0	238.0	230.8	272.7	361.6
	2022	278.0	252.9	300.5	293.0	328.2	356.9	357.2	368.6	340.6	321.1	242.4	235.0	278.0	368.6
	2023	283.1	257.6	306.0	298.4	334.3	363.5	363.8	375.4	346.9	327.0	247.2	239.7	283.1	375.4
	2024	288.7	262.7	312.1	304.3	340.9	370.7	371.0	382.8	353.8	333.5	251.2	243.6	288.7	382.8
	2025	293.4	266.9	317.1	309.3	346.4	376.7	377.0	389.0	359.5	338.9	255.4	247.7	293.4	389.0
	2026	298.3	271.4	322.5	314.5	352.2	383.0	383.3	395.5	365.6	344.6	259.4	251.6	298.3	395.5
	2027	303.1	275.7	327.6	319.5	357.8	389.1	389.4	401.8	371.4	350.0	263.9	255.9	303.1	401.8
	2028	308.3	280.4	333.2	324.9	364.0	395.8	396.1	408.7	377.7	356.0	267.4	259.3	308.3	408.7
Projected	2029	312.4	284.2	337.6	329.3	368.8	401.1	401.4	414.2	382.8	360.8	271.4	263.2	312.4	414.2
	2030	317.1	288.4	342.7	334.2	374.3	407.0	407.4	420.4	388.5	366.2	275.4	267.1	317.1	420.4
	2031	321.7	292.7	347.7	339.1	379.8	413.0	413.3	426.5	394.2	371.5	279.7	271.2	321.7	426.5
	2032	326.7	297.2	353.1	344.4	385.7	419.4	419.8	433.1	400.3	377.3	283.0	274.5	326.7	433.1
	2033	330.6	300.8	357.3	348.5	390.3	424.4	424.8	438.3	405.1	381.8	286.7	278.0	330.6	438.3
	2034	334.9	304.6	361.9	353.0	395.4	429.9	430.3	444.0	410.3	386.8	290.3	281.5	334.9	444.0
	2035	339.1	308.5	366.5	357.5	400.4	435.4	435.7	449.6	415.5	391.7	294.4	285.5	339.1	449.6
	2036	343.9	312.8	371.7	362.4	406.0	441.4	441.8	455.9	421.3	397.1	297.5	288.5	343.9	455.9
	2037	347.5	316.1	375.6	366.3	410.3	446.1	446.5	460.7	425.8	401.3	301.3	292.2	347.5	460.7
	2038	351.9	320.2	380.4	371.0	415.5	451.8	452.2	466.6	431.2	406.5	305.3	296.0	351.9	466.6

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	100.0%	100.0%	98.4%	100.0%	100.0%	98.6%	96.0%	97.6%	97.7%	99.5%	97.4%	96.9%	99.5%	98.6%
	2010	99.7%	95.7%	100.0%	99.0%	99.7%	97.3%	97.0%	96.5%	91.9%	97.2%	92.3%	100.0%	99.7%	97.3%
	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%	98.7%	95.0%	96.6%	98.0%	98.4%
Projected	2019	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2020	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2021	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2022	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2023	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2024	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2025	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2026	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2027	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2028	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2009-2018	97.1%	98.5%	97.2%	98.3%	98.5%	99.1%	97.3%	98.4%	96.7%	98.6%	95.8%	95.9%	99.0%	98.6%
	2019-2028	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%

FMPA 2019 Load Forecast - Mild Weather Case - KUA

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	695,330		52,218		13,316		173,887		8,913		19.5		448,540		902		497		14,958		3,262		1,335,977		54,693	3.9%	1,390,670	
	2010	743,329	6.9%	52,517	0.6%	14,154	6.3%	176,793	1.7%	8,643	-3.0%	20.5	4.8%	432,259	-3.6%	828	-8.2%	522	4.9%	15,481	3.5%	3,446	5.6%	1,371,308	2.6%	58,832	4.1%	1,430,141	2.8%
	2011	733,223	-1.4%	53,562	2.0%	13,689	-3.3%	170,573	-3.5%	8,465	-2.1%	20.2	-1.5%	435,830	0.8%	846	2.1%	515	-1.3%	16,149	4.3%	3,539	2.7%	1,359,313	-0.9%	51,289	3.6%	1,410,602	-1.4%
	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%
Projected	2019	833,137	-3.6%	66,371	3.6%	12,553	-7.0%	183,981	-2.8%	9,231	2.0%	19.9	-4.7%	488,990	0.3%	886	1.3%	552	-1.0%	18,000	-2.6%	3,544	0.9%	1,527,654	-2.3%	58,589	3.7%	1,586,242	-2.7%
	2020	841,811	1.0%	67,844	2.2%	12,408	-1.2%	184,685	0.4%	9,314	0.9%	19.8	-0.5%	493,993	1.0%	897	1.2%	551	-0.2%	18,000	0.0%	3,594	1.4%	1,542,083	0.9%	71,430	4.4%	1,613,513	1.7%
	2021	858,655	2.0%	69,353	2.2%	12,381	-0.2%	186,401	0.9%	9,400	0.9%	19.8	0.0%	501,575	1.5%	907	1.1%	553	0.4%	18,000	0.0%	3,642	1.4%	1,568,273	1.7%	70,101	4.3%	1,638,375	1.5%
	2022	879,088	2.4%	70,922	2.3%	12,395	0.1%	188,170	0.9%	9,488	0.9%	19.8	0.0%	509,533	1.6%	916	1.0%	556	0.5%	18,000	0.0%	3,691	1.3%	1,598,482	1.9%	71,455	4.3%	1,669,937	1.9%
	2023	899,828	2.4%	72,500	2.2%	12,411	0.1%	189,714	0.8%	9,576	0.9%	19.8	-0.1%	517,035	1.5%	925	1.0%	559	0.5%	18,000	0.0%	3,738	1.3%	1,628,316	1.9%	72,767	4.3%	1,701,083	1.9%
	2024	921,109	2.4%	74,092	2.2%	12,432	0.2%	191,085	0.7%	9,664	0.9%	19.8	-0.2%	523,996	1.3%	933	0.9%	561	0.5%	18,000	0.0%	3,785	1.2%	1,657,975	1.8%	76,818	4.4%	1,734,793	2.0%
	2025	942,635	2.3%	75,700	2.2%	12,452	0.2%	192,433	0.7%	9,752	0.9%	19.7	-0.2%	530,901	1.3%	941	0.8%	564	0.5%	18,000	0.0%	3,831	1.2%	1,687,800	1.8%	75,405	4.3%	1,763,205	1.6%
	2026	963,206	2.2%	77,300	2.1%	12,461	0.1%	193,760	0.7%	9,840	0.9%	19.7	-0.2%	537,766	1.3%	949	0.8%	567	0.5%	18,000	0.0%	3,876	1.2%	1,716,608	1.7%	76,671	4.3%	1,793,279	1.7%
	2027	982,760	2.0%	78,868	2.0%	12,461	0.0%	195,037	0.7%	9,926	0.9%	19.6	-0.2%	544,453	1.2%	956	0.8%	570	0.5%	18,000	0.0%	3,919	1.1%	1,744,169	1.6%	77,888	4.3%	1,822,056	1.6%
	2028	1,002,165	2.0%	80,436	2.0%	12,459	0.0%	196,260	0.6%	10,010	0.8%	19.6	-0.2%	550,939	1.2%	963	0.7%	572	0.5%	18,000	0.0%	3,961	1.1%	1,771,326	1.6%	82,005	4.4%	1,853,331	1.7%
	2029	1,021,366	1.9%	82,019	2.0%	12,453	-0.1%	197,451	0.6%	10,094	0.8%	19.6	-0.2%	557,318	1.2%	969	0.7%	575	0.5%	18,000	0.0%	4,004	1.1%	1,798,138	1.5%	80,273	4.3%	1,878,411	1.4%
	2030	1,040,585	1.9%	83,592	1.9%	12,448	0.0%	198,616	0.6%	10,176	0.8%	19.5	-0.2%	563,623	1.1%	976	0.7%	578	0.5%	18,000	0.0%	4,045	1.0%	1,824,870	1.5%	81,461	4.3%	1,906,331	1.5%
	2031	1,060,300	1.9%	85,144	1.9%	12,453	0.0%	199,741	0.6%	10,257	0.8%	19.5	-0.2%	569,780	1.1%	982	0.6%	580	0.5%	18,000	0.0%	4,086	1.0%	1,851,907	1.5%	82,656	4.3%	1,934,563	1.5%
	2032	1,079,206	1.8%	86,663	1.8%	12,453	0.0%	200,834	0.5%	10,334	0.8%	19.4	-0.2%	575,827	1.1%	988	0.6%	583	0.4%	18,000	0.0%	4,125	1.0%	1,877,992	1.4%	86,894	4.4%	1,964,887	1.6%
	2033	1,097,706	1.7%	88,185	1.8%	12,448	0.0%	201,900	0.5%	10,409	0.7%	19.4	-0.2%	581,790	1.0%	994	0.6%	586	0.4%	18,000	0.0%	4,164	0.9%	1,903,560	1.4%	84,935	4.3%	1,988,495	1.2%
	2034	1,115,751	1.6%	89,716	1.7%	12,436	-0.1%	202,925	0.5%	10,482	0.7%	19.4	-0.2%	587,590	1.0%	999	0.6%	588	0.4%	18,000	0.0%	4,203	0.9%	1,928,469	1.3%	86,032	4.3%	2,014,501	1.3%
	2035	1,133,449	1.6%	91,257	1.7%	12,420	-0.1%	203,924	0.5%	10,556	0.7%	19.3	-0.2%	593,306	1.0%	1,005	0.6%	590	0.4%	18,000	0.0%	4,241	0.9%	1,952,920	1.3%	87,116	4.3%	2,040,036	1.3%
	2036	1,151,218	1.6%	92,795	1.7%	12,406	-0.1%	204,907	0.5%	10,629	0.7%	19.3	-0.2%	598,977	1.0%	1,010	0.5%	593	0.4%	18,000	0.0%	4,280	0.9%	1,977,381	1.3%	91,445	4.4%	2,068,826	1.4%
	2037	1,168,610	1.5%	94,338	1.7%	12,387	-0.2%	205,870	0.5%	10,702	0.7%	19.2	-0.2%	604,582	0.9%	1,016	0.5%	595	0.4%	18,000	0.0%	4,318	0.9%	2,001,379	1.2%	89,259	4.3%	2,090,638	1.1%
	2038	1,187,251	1.6%	95,920	1.7%	12,378	-0.1%	206,813	0.5%	10,772	0.7%	19.2	-0.2%	610,124	0.9%	1,021	0.5%	598	0.4%	18,000	0.0%	4,356	0.9%	2,026,543	1.3%	90,385	4.3%	2,116,929	1.3%
CAGR	2009-2018		2.4%		2.3%		0.1%		0.9%		0.2%		0.8%		0.9%		-0.3%		1.3%		2.4%		0.8%		1.8%		4.1%		1.8%
	2019-2028		2.1%		2.2%		-0.1%		0.7%		0.9%		-0.2%		1.3%		0.9%		0.4%		0.0%		1.2%		1.7%		4.3%		1.7%
	2029-2038		1.7%		1.8%		-0.1%		0.5%		0.7%		-0.2%		1.0%		0.6%		0.4%		0.0%		0.9%		1.3%		4.3%		1.3%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - Severe Weather Case

Kissimmee Utility Auth.

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

	Year	Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		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	2009	1,390,670	-	1,390,886	-	0.0%	275.7	-	257.7	-	-6.5%	312.1	-	315.3		1.0%
	2010	1,430,141	2.8%	1,363,413	-2.0%	-4.7%	314.4	14.0%	283.7	10.1%	-9.7%	303.2	-2.9%	304.3	-3.5%	0.3%
	2011	1,410,602	-1.4%	1,366,981	0.3%	-3.1%	297.8	-5.3%	284.9	0.4%	-4.3%	316.0	4.2%	313.4	3.0%	-0.8%
	2012	1,384,319	-1.9%	1,404,745	2.8%	1.5%	245.8	-17.5%	250.2	-12.2%	1.8%	302.6	-4.2%	336.6	7.4%	11.3%
	2013	1,393,491	0.7%	1,406,254	0.1%	0.9%	242.8	-1.2%	229.9	-8.1%	-5.3%	306.8	1.4%	327.7	-2.6%	6.8%
	2014	1,442,316	3.5%	1,423,542	1.2%	-1.3%	241.4	-0.6%	288.3	25.4%	19.4%	326.9	6.5%	320.4	-2.2%	-2.0%
	2015	1,508,124	4.6%	1,461,080	2.6%	-3.1%	264.5	9.6%	236.4	-18.0%	-10.6%	330.5	1.1%	338.1	5.5%	2.3%
	2016	1,585,494	5.1%	1,530,245	4.7%	-3.5%	275.8	4.3%	264.5	11.9%	-4.1%	353.7	7.0%	350.5	3.6%	-0.9%
	2017	1,580,568	-0.3%	1,593,478	4.1%	0.8%	266.8	-3.2%	264.9	0.1%	-0.7%	345.7	-2.3%	378.5	8.0%	9.5%
	2018	1,629,958	3.1%	1,623,047	1.9%	-0.4%	292.2	9.5%	280.0	5.7%	-4.2%	349.9	1.2%	378.3	-0.1%	8.1%
Projected	2019	1,709,415	4.9%	1,709,415	5.3%		284.2	-2.7%	284.2	1.5%		376.7	7.7%	376.7	-0.4%	
	2020			1,740,943	1.8%				289.2	1.8%				383.4	1.8%	
	2021			1,767,868	1.5%				293.9	1.6%				389.7	1.6%	
	2022			1,802,301	1.9%				299.7	1.9%				397.3	1.9%	
	2023			1,836,322	1.9%				305.3	1.9%				404.7	1.9%	
	2024			1,873,272	2.0%				311.4	2.0%				412.9	2.0%	
	2025			1,904,329	1.7%				316.5	1.6%				419.6	1.6%	
	2026			1,937,240	1.7%				321.9	1.7%				426.8	1.7%	
	2027			1,968,711	1.6%				327.1	1.6%				433.6	1.6%	
	2028			2,003,002	1.7%				332.8	1.7%				441.2	1.7%	
	2029			2,030,378	1.4%				337.3	1.4%				447.1	1.4%	
	2030			2,060,930	1.5%				342.4	1.5%				453.9	1.5%	
	2031			2,091,867	1.5%				347.5	1.5%				460.6	1.5%	
	2032			2,125,160	1.6%				352.9	1.6%				467.9	1.6%	
	2033			2,150,926	1.2%				357.2	1.2%				473.5	1.2%	
	2034			2,179,407	1.3%				361.9	1.3%				479.7	1.3%	
	2035			2,207,363	1.3%				366.5	1.3%				485.9	1.3%	
	2036			2,238,999	1.4%				371.7	1.4%				492.8	1.4%	
	2037			2,262,780	1.1%				375.7	1.1%				498.0	1.1%	
	2038			2,291,601	1.3%				380.5	1.3%				504.5	1.3%	
CAGR [3]	2009-2018		1.8%		1.7%			0.6%		0.9%			1.3%		2.0%	
	2019-2028				1.8%					1.8%					1.8%	
	2029-2038				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 2019 Load Forecast - Severe Weather Case

Kissimmee Utility Auth.

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	1,390,670	-	1,390,886	-	0.0%	277.1	-	57.3%	316.5	-	50.2%
	2010	1,430,141	2.8%	1,363,413	-2.0%	-4.7%	315.4	13.8%	51.8%	311.6	-1.5%	52.4%
	2011	1,410,602	-1.4%	1,366,981	0.3%	-3.1%	297.8	-5.6%	54.1%	316.0	1.4%	51.0%
	2012	1,384,319	-1.9%	1,404,745	2.8%	1.5%	246.5	-17.2%	64.1%	310.4	-1.8%	50.9%
	2013	1,393,491	0.7%	1,406,254	0.1%	0.9%	242.8	-1.5%	65.5%	314.1	1.2%	50.6%
	2014	1,442,316	3.5%	1,423,542	1.2%	-1.3%	250.2	3.0%	65.8%	326.9	4.1%	50.4%
	2015	1,508,124	4.6%	1,461,080	2.6%	-3.1%	264.5	5.7%	65.1%	334.8	2.4%	51.4%
	2016	1,585,494	5.1%	1,530,245	4.7%	-3.5%	281.7	6.5%	64.2%	353.7	5.6%	51.2%
	2017	1,580,568	-0.3%	1,593,478	4.1%	0.8%	269.7	-4.3%	66.9%	352.5	-0.3%	51.2%
	2018	1,629,958	3.1%	1,623,047	1.9%	-0.4%	298.2	10.6%	62.4%	355.6	0.9%	52.3%
Projected	2019	1,709,415	4.9%	1,709,415	5.3%		316.0	6.0%	61.7%	381.5	7.3%	51.2%
	2020	1,740,943	1.8%	1,740,943	1.8%		321.7	1.8%	61.8%	388.3	1.8%	51.2%
	2021	1,767,868	1.5%	1,767,868	1.5%		326.9	1.6%	61.7%	394.6	1.6%	51.1%
	2022	1,802,301	1.9%	1,802,301	1.9%		333.3	1.9%	61.7%	402.3	1.9%	51.1%
	2023	1,836,322	1.9%	1,836,322	1.9%		339.5	1.9%	61.7%	409.8	1.9%	51.2%
	2024	1,873,272	2.0%	1,873,272	2.0%		346.3	2.0%	61.7%	418.0	2.0%	51.2%
	2025	1,904,329	1.7%	1,904,329	1.7%		352.0	1.6%	61.8%	424.9	1.6%	51.2%
	2026	1,937,240	1.7%	1,937,240	1.7%		358.0	1.7%	61.8%	432.1	1.7%	51.2%
	2027	1,968,711	1.6%	1,968,711	1.6%		363.8	1.6%	61.8%	439.1	1.6%	51.2%
	2028	2,003,002	1.7%	2,003,002	1.7%		370.1	1.7%	61.8%	446.7	1.7%	51.2%
	2029	2,030,378	1.4%	2,030,378	1.4%		375.1	1.4%	61.8%	452.8	1.4%	51.2%
	2030	2,060,930	1.5%	2,060,930	1.5%		380.8	1.5%	61.8%	459.6	1.5%	51.2%
	2031	2,091,867	1.5%	2,091,867	1.5%		386.4	1.5%	61.8%	466.4	1.5%	51.2%
	2032	2,125,160	1.6%	2,125,160	1.6%		392.5	1.6%	61.8%	473.8	1.6%	51.2%
	2033	2,150,926	1.2%	2,150,926	1.2%		397.2	1.2%	61.8%	479.5	1.2%	51.2%
	2034	2,179,407	1.3%	2,179,407	1.3%		402.4	1.3%	61.8%	485.8	1.3%	51.2%
	2035	2,207,363	1.3%	2,207,363	1.3%		407.6	1.3%	61.8%	492.0	1.3%	51.2%
	2036	2,238,999	1.4%	2,238,999	1.4%		413.4	1.4%	61.8%	499.0	1.4%	51.2%
	2037	2,262,780	1.1%	2,262,780	1.1%		417.8	1.1%	61.8%	504.3	1.1%	51.2%
	2038	2,291,601	1.3%	2,291,601	1.3%		423.2	1.3%	61.8%	510.8	1.3%	51.2%
CAGR [1]	2009-2018		1.8%		1.7%			0.8%	61.7%		1.3%	51.2%
	2019-2028		1.8%		1.8%			1.8%	61.8%		1.8%	51.2%
	2029-2038		1.4%		1.4%			1.3%	61.8%		1.3%	51.2%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Severe Weather Case

Kissimmee Utility Auth.

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	102,071	92,536	98,559	103,583	124,080	140,808	142,342	147,026	130,943	124,357	92,543	97,665	1,396,514	1,390,670
	2010	119,447	99,964	95,649	95,922	128,712	142,956	151,242	147,740	133,944	111,924	90,390	119,267	1,437,157	1,430,141
	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	136,948	111,167	128,692	1,643,158	1,629,958
Projected	2019	136,243	117,236	117,998	121,539	146,076	164,579	181,899	184,405	162,634	139,411	113,320	130,888	1,716,227	1,709,415
	2020	138,647	122,151	119,955	123,519	148,463	167,247	184,834	187,333	165,175	141,558	115,048	132,895	1,746,825	1,740,943
	2021	140,851	121,255	121,990	125,634	151,057	170,250	188,219	190,818	168,294	144,261	117,231	135,465	1,775,322	1,767,868
	2022	143,652	123,660	124,355	128,033	153,966	173,572	191,924	194,582	171,600	147,071	119,457	138,041	1,809,914	1,802,301
	2023	146,449	126,046	126,682	130,378	156,802	176,808	195,532	198,244	174,812	149,795	121,607	140,533	1,843,688	1,836,322
	2024	149,194	131,455	128,990	132,711	159,644	180,076	199,196	201,977	178,094	152,583	123,804	143,084	1,880,808	1,873,272
	2025	151,996	130,803	131,321	135,058	162,492	183,337	202,840	205,675	181,334	155,328	125,964	145,584	1,911,734	1,904,329
	2026	154,728	133,131	133,579	137,324	165,232	186,461	206,315	209,190	184,405	157,922	128,003	147,938	1,944,227	1,937,240
	2027	157,305	135,335	135,728	139,492	167,860	189,468	209,672	212,596	187,391	160,453	129,996	150,244	1,975,540	1,968,711
	2028	159,836	140,768	137,844	141,627	170,455	192,442	212,998	215,979	190,361	162,973	131,982	152,548	2,009,812	2,003,002
Projected	2029	162,360	139,660	139,941	143,736	173,011	195,365	216,259	219,286	193,257	165,426	133,913	154,783	2,036,997	2,030,378
	2030	164,822	141,779	142,015	145,836	175,572	198,313	219,571	222,666	196,235	167,960	135,914	157,111	2,067,794	2,060,930
	2031	167,380	143,964	144,134	147,964	178,152	201,265	222,865	226,004	199,154	170,426	137,848	159,345	2,098,500	2,091,867
	2032	169,833	149,527	146,170	150,011	180,636	204,111	226,043	229,229	201,980	172,820	139,730	161,525	2,131,617	2,125,160
	2033	172,229	148,110	148,165	152,021	183,077	206,908	229,170	232,406	204,765	175,179	141,585	163,674	2,157,288	2,150,926
	2034	174,585	150,121	150,115	153,979	185,448	209,619	232,193	235,468	207,443	177,443	143,362	165,728	2,185,504	2,179,407
	2035	176,848	152,065	152,014	155,897	187,786	212,308	235,211	238,546	210,152	179,749	145,181	167,845	2,213,603	2,207,363
	2036	179,169	157,701	153,931	157,821	190,117	214,972	238,180	241,553	212,781	181,970	146,925	169,860	2,244,980	2,238,999
	2037	181,391	155,953	155,796	159,705	192,413	217,613	241,143	244,573	215,437	184,227	148,704	171,926	2,268,883	2,262,780
	2038	183,689	157,939	157,742	161,679	194,834	220,419	244,312	247,822	218,308	186,676	150,636	174,184	2,298,240	2,291,601

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	7.3%	6.6%	7.1%	7.4%	8.9%	10.1%	10.2%	10.5%	9.4%	8.9%	6.6%	7.0%	100.0%
	2010	8.3%	7.0%	6.7%	6.7%	9.0%	9.9%	10.5%	10.3%	9.3%	7.8%	6.3%	8.3%	100.0%
	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%	7.5%	8.3%	9.6%	10.1%	10.4%	10.1%	8.3%	6.8%	7.8%	100.0%
Projected	2019	7.9%	6.8%	6.9%	7.1%	8.5%	9.6%	10.6%	10.7%	9.5%	8.1%	6.6%	7.6%	100.0%
	2020	7.9%	7.0%	6.9%	7.1%	8.5%	9.6%	10.6%	10.7%	9.5%	8.1%	6.6%	7.6%	100.0%
	2021	7.9%	6.8%	6.9%	7.1%	8.5%	9.6%	10.6%	10.7%	9.5%	8.1%	6.6%	7.6%	100.0%
	2022	7.9%	6.8%	6.9%	7.1%	8.5%	9.6%	10.6%	10.8%	9.5%	8.1%	6.6%	7.6%	100.0%
	2023	7.9%	6.8%	6.9%	7.1%	8.5%	9.6%	10.6%	10.8%	9.5%	8.1%	6.6%	7.6%	100.0%
	2024	7.9%	7.0%	6.9%	7.1%	8.5%	9.6%	10.6%	10.7%	9.5%	8.1%	6.6%	7.6%	100.0%
	2025	8.0%	6.8%	6.9%	7.1%	8.5%	9.6%	10.6%	10.8%	9.5%	8.1%	6.6%	7.6%	100.0%
	2026	8.0%	6.8%	6.9%	7.1%	8.5%	9.6%	10.6%	10.8%	9.5%	8.1%	6.6%	7.6%	100.0%
	2027	8.0%	6.9%	6.9%	7.1%	8.5%	9.6%	10.6%	10.8%	9.5%	8.1%	6.6%	7.6%	100.0%
	2028	8.0%	7.0%	6.9%	7.0%	8.5%	9.6%	10.6%	10.7%	9.5%	8.1%	6.6%	7.6%	100.0%
Avg.	2009-2018	7.3%	6.5%	7.1%	7.7%	8.9%	9.7%	10.4%	10.5%	9.5%	8.4%	6.8%	7.3%	100.0%
	2019-2028	7.9%	6.9%	6.9%	7.1%	8.5%	9.6%	10.6%	10.7%	9.5%	8.1%	6.6%	7.6%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Severe Weather Case

Kissimmee Utility Auth.

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	277.1	275.7	196.5	227.0	277.7	316.5	298.5	302.2	277.8	288.7	227.3	192.4	277.1	316.5
	2010	315.4	242.4	228.8	201.9	267.5	311.6	310.2	310.0	299.5	263.3	215.3	297.8	315.4	311.6
	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	310.1	256.0	244.2	298.2	355.6
Projected	2019	292.5	262.9	316.0	304.6	340.5	368.3	374.1	381.5	360.0	332.6	260.6	248.5	316.0	381.5
	2020	297.7	267.5	321.7	310.0	346.5	374.8	380.7	388.3	366.5	338.5	264.8	252.6	321.7	388.3
	2021	302.6	271.9	326.9	315.1	352.2	381.0	387.0	394.6	372.4	344.1	270.0	257.5	326.9	394.6
	2022	308.5	277.2	333.3	321.2	359.1	388.4	394.5	402.3	379.7	350.8	275.0	262.3	333.3	402.3
	2023	314.2	282.4	339.5	327.2	365.8	395.6	401.9	409.8	386.8	357.3	280.6	267.6	339.5	409.8
	2024	320.6	288.1	346.3	333.8	373.1	403.6	409.9	418.0	394.6	364.5	285.2	272.0	346.3	418.0
	2025	325.8	292.8	352.0	339.3	379.3	410.2	416.7	424.9	401.1	370.5	290.0	276.6	352.0	424.9
	2026	331.4	297.8	358.0	345.0	385.7	417.2	423.8	432.1	407.9	376.8	294.7	281.1	358.0	432.1
	2027	336.7	302.6	363.8	350.6	391.9	423.9	430.6	439.1	414.4	382.9	299.8	286.0	363.8	439.1
	2028	342.5	307.8	370.1	356.7	398.7	431.3	438.1	446.7	421.6	389.5	303.9	289.8	370.1	446.7
Projected	2029	347.2	312.0	375.1	361.5	404.1	437.1	444.0	452.8	427.3	394.8	308.5	294.2	375.1	452.8
	2030	352.4	316.7	380.8	367.0	410.2	443.7	450.7	459.6	433.8	400.7	313.1	298.6	380.8	459.6
	2031	357.7	321.4	386.4	372.4	416.3	450.3	457.4	466.4	440.2	406.7	318.0	303.3	386.4	466.4
	2032	363.3	326.5	392.5	378.3	422.9	457.4	464.6	473.8	447.2	413.1	321.8	306.9	392.5	473.8
	2033	367.7	330.4	397.2	382.9	428.0	462.9	470.2	479.5	452.6	418.1	326.0	311.0	397.2	479.5
	2034	372.5	334.7	402.4	387.9	433.6	469.0	476.4	485.8	458.5	423.6	330.2	315.0	402.4	485.8
	2035	377.3	339.0	407.6	392.9	439.1	475.0	482.5	492.0	464.4	429.0	334.9	319.4	407.6	492.0
	2036	382.6	343.8	413.4	398.4	445.4	481.7	489.3	499.0	471.0	435.1	338.5	322.8	413.4	499.0
	2037	386.7	347.5	417.8	402.7	450.1	486.9	494.5	504.3	476.0	439.7	342.8	327.0	417.8	504.3
	2038	391.7	352.0	423.2	407.9	455.9	493.2	500.9	510.8	482.1	445.4	347.5	331.4	423.2	510.8

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	49.5%	49.9%	67.4%	61.3%	66.5%	59.8%	66.2%	65.4%	65.5%	57.9%	54.7%	70.5%	57.5%	50.4%
	2010	50.9%	61.4%	56.2%	63.9%	71.6%	61.7%	67.7%	64.1%	62.1%	57.1%	56.4%	55.6%	52.0%	52.6%
	2011	50.4%	64.3%	63.4%	56.9%	64.3%	59.5%	66.9%	63.9%	65.8%	58.4%	59.6%	69.9%	53.0%	50.0%
	2012	54.0%	57.4%	64.9%	56.8%	68.9%	58.8%	68.9%	62.9%	61.6%	56.7%	67.8%	71.8%	64.9%	51.5%
	2013	69.9%	57.4%	55.9%	59.8%	65.1%	61.7%	64.7%	65.4%	63.2%	60.4%	56.6%	68.1%	66.3%	51.2%
	2014	59.1%	67.3%	64.6%	53.1%	66.3%	59.6%	67.2%	64.1%	61.6%	57.7%	60.1%	66.5%	65.7%	50.3%
	2015	69.4%	54.4%	60.2%	63.0%	67.1%	60.0%	66.6%	62.6%	61.8%	58.3%	56.5%	66.0%	66.7%	52.7%
	2016	59.8%	58.2%	58.2%	53.6%	66.4%	61.4%	68.7%	63.0%	64.8%	58.1%	60.4%	64.2%	63.6%	50.7%
	2017	65.4%	63.6%	55.8%	53.5%	65.7%	59.4%	66.1%	65.8%	62.1%	58.0%	59.9%	71.7%	67.7%	51.8%
	2018	56.4%	62.5%	61.2%	61.5%	66.0%	61.2%	67.0%	64.8%	65.3%	59.4%	58.4%	73.2%	62.9%	52.7%
Projected	2019	62.6%	66.4%	50.2%	53.6%	63.8%	60.1%	67.5%	65.0%	62.7%	56.3%	58.4%	73.1%	62.0%	51.4%
	2020	62.6%	65.6%	50.1%	53.6%	63.8%	60.0%	67.4%	64.8%	62.6%	56.2%	58.4%	73.1%	62.0%	51.4%
	2021	62.6%	66.4%	50.2%	53.6%	63.8%	60.1%	67.6%	65.0%	62.8%	56.4%	58.4%	73.1%	62.0%	51.4%
	2022	62.6%	66.4%	50.2%	53.6%	63.8%	60.1%	67.6%	65.0%	62.8%	56.4%	58.4%	73.1%	62.0%	51.4%
	2023	62.6%	66.4%	50.2%	53.6%	63.8%	60.1%	67.6%	65.0%	62.8%	56.3%	58.3%	72.9%	62.0%	51.4%
	2024	62.6%	65.6%	50.1%	53.4%	63.7%	60.0%	67.5%	64.9%	62.7%	56.3%	58.3%	73.1%	62.0%	51.4%
	2025	62.7%	66.5%	50.1%	53.5%	63.8%	60.1%	67.6%	65.1%	62.8%	56.3%	58.4%	73.1%	62.0%	51.4%
	2026	62.8%	66.5%	50.1%	53.5%	63.7%	60.1%	67.6%	65.1%	62.8%	56.3%	58.4%	73.1%	62.0%	51.4%
	2027	62.8%	66.6%	50.1%	53.5%	63.7%	60.1%	67.6%	65.1%	62.8%	56.3%	58.3%	73.0%	62.0%	51.4%
	2028	62.7%	65.7%	50.1%	53.4%	63.6%	60.0%	67.5%	65.0%	62.7%	56.2%	58.4%	73.1%	62.0%	51.4%
Avg.	2009-2018	58.5%	59.6%	60.8%	58.3%	66.8%	60.3%	67.0%	64.2%	63.4%	58.2%	59.0%	67.7%	62.0%	51.4%
	2019-2028	62.7%	66.2%	50.1%	53.5%	63.8%	60.0%	67.6%	65.0%	62.7%	56.3%	58.4%	73.1%	62.0%	51.4%

FMPA 2019 Load Forecast - Severe Weather Case

Kissimmee Utility Auth.

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	277.1	275.7	193.4	227.0	277.7	312.1	286.6	294.9	271.5	287.2	221.4	186.4	275.7	312.1
	2010	314.4	232.0	228.8	199.9	266.7	303.2	300.7	299.2	275.3	255.8	198.7	297.8	314.4	303.2
	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	306.0	243.2	235.9	292.2	349.9
Projected	2019	284.2	258.5	307.1	299.5	335.5	364.8	365.1	376.7	348.2	328.2	247.6	240.1	284.2	376.7
	2020	289.2	263.1	312.6	304.9	341.5	371.3	371.6	383.4	354.4	334.0	251.6	244.0	289.2	383.4
	2021	293.9	267.4	317.7	309.8	347.0	377.4	377.7	389.7	360.2	339.5	256.5	248.8	293.9	389.7
	2022	299.7	272.6	323.9	315.9	353.8	384.7	385.0	397.3	367.2	346.1	261.3	253.4	299.7	397.3
	2023	305.3	277.7	329.9	321.8	360.4	391.9	392.2	404.7	374.0	352.6	266.6	258.5	305.3	404.7
	2024	311.4	283.3	336.6	328.2	367.7	399.8	400.1	412.9	381.6	359.6	271.0	262.8	311.4	412.9
	2025	316.5	287.9	342.1	333.6	373.7	406.3	406.7	419.6	387.8	365.6	275.6	267.2	316.5	419.6
	2026	321.9	292.8	347.9	339.3	380.1	413.3	413.6	426.8	394.4	371.8	280.0	271.5	321.9	426.8
	2027	327.1	297.6	353.5	344.8	386.2	419.9	420.2	433.6	400.8	377.8	284.9	276.3	327.1	433.6
	2028	332.8	302.7	359.7	350.7	392.9	427.2	427.5	441.2	407.7	384.3	288.7	280.0	332.8	441.2
Projected	2029	337.3	306.8	364.5	355.5	398.2	433.0	433.3	447.1	413.2	389.5	293.1	284.2	337.3	447.1
	2030	342.4	311.5	370.0	360.9	404.2	439.5	439.9	453.9	419.5	395.4	297.4	288.4	342.4	453.9
	2031	347.5	316.1	375.5	366.2	410.2	446.0	446.4	460.6	425.7	401.3	302.1	293.0	347.5	460.6
	2032	352.9	321.1	381.5	372.0	416.7	453.1	453.5	467.9	432.4	407.6	305.8	296.5	352.9	467.9
	2033	357.2	324.9	386.1	376.5	421.7	458.5	458.9	473.5	437.6	412.5	309.8	300.4	357.2	473.5
	2034	361.9	329.2	391.1	381.4	427.2	464.5	464.9	479.7	443.4	417.9	313.7	304.3	361.9	479.7
	2035	366.5	333.4	396.1	386.3	432.7	470.5	470.9	485.9	449.1	423.3	318.2	308.6	366.5	485.9
	2036	371.7	338.1	401.7	391.8	438.9	477.2	477.6	492.8	455.4	429.3	321.6	311.9	371.7	492.8
	2037	375.7	341.7	406.0	396.0	443.5	482.3	482.7	498.0	460.3	433.9	325.7	315.9	375.7	498.0
	2038	380.5	346.2	411.3	401.1	449.3	488.5	488.9	504.5	466.2	439.5	330.1	320.1	380.5	504.5

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	100.0%	100.0%	98.4%	100.0%	100.0%	98.6%	96.0%	97.6%	97.7%	99.5%	97.4%	96.9%	99.5%	98.6%
	2010	99.7%	95.7%	100.0%	99.0%	99.7%	97.3%	97.0%	96.5%	91.9%	97.2%	92.3%	100.0%	99.7%	97.3%
	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%	98.7%	95.0%	96.6%	98.0%	98.4%
Projected	2019	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2020	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2021	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2022	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2023	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2024	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2025	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2026	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2027	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2028	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%
	2009-2018	97.1%	98.5%	97.2%	98.3%	98.5%	99.1%	97.3%	98.4%	96.7%	98.6%	95.8%	95.9%	99.0%	98.6%
	2019-2028	97.1%	98.3%	97.2%	98.3%	98.5%	99.1%	97.6%	98.8%	96.7%	98.7%	95.0%	96.6%	89.9%	98.8%

FMPA 2019 Load Forecast - Severe Weather Case - KUA

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

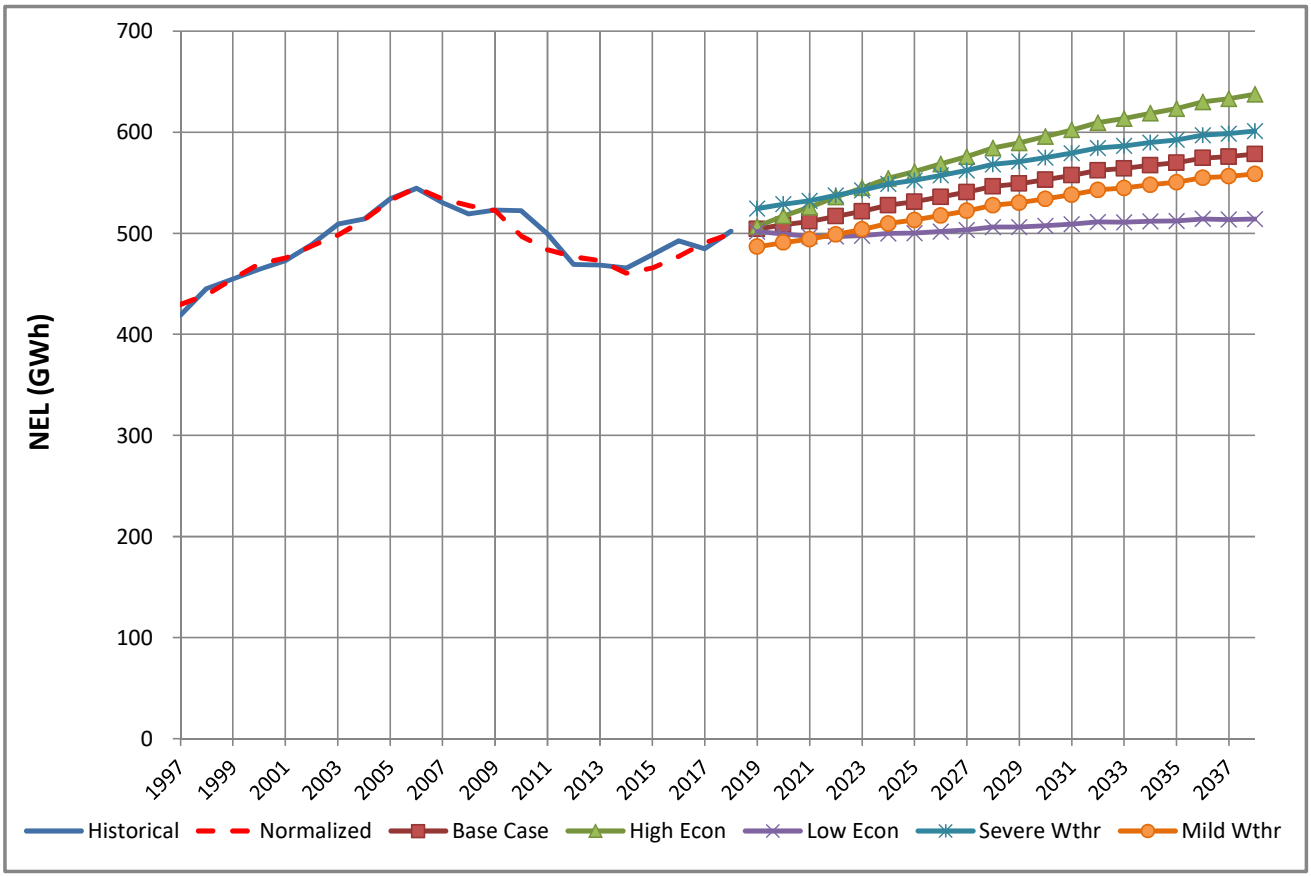
		Residential						General Service Non-Demand						General Service Demand						Lights		City		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg		% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2009	695,330		52,218		13,316		173,887		8,913		19.5		448,540		902		497		14,958		3,262		1,335,977		54,693	3.9%	1,390,670	
	2010	743,329	6.9%	52,517	0.6%	14,154	6.3%	176,793	1.7%	8,643	-3.0%	20.5	4.8%	432,259	-3.6%	828	-8.2%	522	4.9%	15,481	3.5%	3,446	5.6%	1,371,308	2.6%	58,832	4.1%	1,430,141	2.8%
	2011	733,223	-1.4%	53,562	2.0%	13,689	-3.3%	170,573	-3.5%	8,465	-2.1%	20.2	-1.5%	435,830	0.8%	846	2.1%	515	-1.3%	16,149	4.3%	3,539	2.7%	1,359,313	-0.9%	51,289	3.6%	1,410,602	-1.4%
	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%
Projected	2019	933,513	8.0%	66,371	3.6%	14,065	4.2%	193,983	2.5%	9,231	2.0%	21.0	0.5%	497,258	2.0%	886	1.3%	561	0.7%	18,000	-2.6%	3,679	4.8%	1,646,433	5.3%	62,983	3.7%	1,709,415	4.9%
	2020	950,581	1.8%	67,844	2.2%	14,011	-0.4%	195,635	0.9%	9,314	0.9%	21.0	0.0%	504,227	1.4%	897	1.2%	562	0.2%	18,000	0.0%	3,738	1.6%	1,672,181	1.6%	68,762	3.9%	1,740,943	1.8%
	2021	969,557	2.0%	69,353	2.2%	13,980	-0.2%	197,452	0.9%	9,400	0.9%	21.0	0.0%	511,967	1.5%	907	1.1%	565	0.4%	18,000	0.0%	3,789	1.4%	1,700,765	1.7%	67,103	3.8%	1,767,868	1.5%
	2022	992,638	2.4%	70,922	2.3%	13,996	0.1%	199,326	0.9%	9,488	0.9%	21.0	0.0%	520,090	1.6%	916	1.0%	568	0.5%	18,000	0.0%	3,839	1.3%	1,733,893	1.9%	68,408	3.8%	1,802,301	1.9%
	2023	1,016,059	2.4%	72,500	2.2%	14,015	0.1%	200,961	0.8%	9,576	0.9%	21.0	-0.1%	527,744	1.5%	925	1.0%	570	0.5%	18,000	0.0%	3,889	1.3%	1,766,653	1.9%	69,669	3.8%	1,836,322	1.9%
	2024	1,040,086	2.4%	74,092	2.2%	14,038	0.2%	202,413	0.7%	9,664	0.9%	20.9	-0.2%	534,848	1.3%	933	0.9%	573	0.5%	18,000	0.0%	3,937	1.2%	1,799,285	1.8%	73,987	3.9%	1,873,272	2.0%
	2025	1,064,398	2.3%	75,700	2.2%	14,061	0.2%	203,841	0.7%	9,752	0.9%	20.9	-0.2%	541,897	1.3%	941	0.8%	576	0.5%	18,000	0.0%	3,985	1.2%	1,832,121	1.8%	72,208	3.8%	1,904,329	1.7%
	2026	1,087,635	2.2%	77,300	2.1%	14,070	0.1%	205,246	0.7%	9,840	0.9%	20.9	-0.2%	548,904	1.3%	949	0.8%	579	0.5%	18,000	0.0%	4,032	1.2%	1,863,816	1.7%	73,424	3.8%	1,937,240	1.7%
	2027	1,109,715	2.0%	78,868	2.0%	14,070	0.0%	206,599	0.7%	9,926	0.9%	20.8	-0.2%	555,728	1.2%	956	0.8%	581	0.5%	18,000	0.0%	4,077	1.1%	1,894,119	1.6%	74,592	3.8%	1,968,711	1.6%
	2028	1,131,627	2.0%	80,436	2.0%	14,069	0.0%	207,894	0.6%	10,010	0.8%	20.8	-0.2%	562,348	1.2%	963	0.7%	584	0.5%	18,000	0.0%	4,121	1.1%	1,923,990	1.6%	79,012	3.9%	2,003,002	1.7%
	2029	1,153,314	1.9%	82,019	2.0%	14,062	-0.1%	209,155	0.6%	10,094	0.8%	20.7	-0.2%	568,858	1.2%	969	0.7%	587	0.5%	18,000	0.0%	4,165	1.1%	1,953,492	1.5%	76,885	3.8%	2,030,378	1.4%
	2030	1,175,010	1.9%	83,592	1.9%	14,056	0.0%	210,390	0.6%	10,176	0.8%	20.7	-0.2%	575,293	1.1%	976	0.7%	590	0.5%	18,000	0.0%	4,208	1.0%	1,982,901	1.5%	78,029	3.8%	2,060,930	1.5%
	2031	1,197,279	1.9%	85,144	1.9%	14,062	0.0%	211,581	0.6%	10,257	0.8%	20.6	-0.2%	581,578	1.1%	982	0.6%	592	0.5%	18,000	0.0%	4,250	1.0%	2,012,688	1.5%	79,179	3.8%	2,091,867	1.5%
	2032	1,218,630	1.8%	86,663	1.8%	14,062	0.0%	212,738	0.5%	10,334	0.8%	20.6	-0.2%	587,750	1.1%	988	0.6%	595	0.4%	18,000	0.0%	4,291	1.0%	2,041,409	1.4%	83,751	3.9%	2,125,160	1.6%
	2033	1,239,521	1.7%	88,185	1.8%	14,056	0.0%	213,868	0.5%	10,409	0.7%	20.5	-0.2%	593,835	1.0%	994	0.6%	598	0.4%	18,000	0.0%	4,332	0.9%	2,069,555	1.4%	81,370	3.8%	2,150,926	1.2%
	2034	1,259,903	1.6%	89,716	1.7%	14,043	-0.1%	214,953	0.5%	10,482	0.7%	20.5	-0.2%	599,755	1.0%	999	0.6%	600	0.4%	18,000	0.0%	4,372	0.9%	2,096,983	1.3%	82,425	3.8%	2,179,407	1.3%
	2035	1,279,883	1.6%	91,257	1.7%	14,025	-0.1%	216,012	0.5%	10,556	0.7%	20.5	-0.2%	605,589	1.0%	1,005	0.6%	603	0.4%	18,000	0.0%	4,412	0.9%	2,123,896	1.3%	83,467	3.8%	2,207,363	1.3%
	2036	1,299,956	1.6%	92,795	1.7%	14,009	-0.1%	217,053	0.5%	10,629	0.7%	20.4	-0.2%	611,377	1.0%	1,010	0.5%	605	0.4%	18,000	0.0%	4,452	0.9%	2,150,838	1.3%	88,162	3.9%	2,238,999	1.4%
	2037	1,319,590	1.5%	94,338	1.7%	13,988	-0.2%	218,072	0.5%	10,702	0.7%	20.4	-0.2%	617,098	0.9%	1,016	0.5%	608	0.4%	18,000	0.0%	4,491	0.9%	2,177,252	1.2%	85,529	3.8%	2,262,780	1.1%
	2038	1,340,629	1.6%	95,920	1.7%	13,977	-0.1%	219,071	0.5%	10,772	0.7%	20.3	-0.2%	622,755	0.9%	1,021	0.5%	610	0.4%	18,000	0.0%	4,531	0.9%	2,204,986	1.3%	86,615	3.8%	2,291,601	1.3%
CAGR	2009-2018		2.4%		2.3%		0.1%		0.9%		0.2%		0.8%		0.9%		-0.3%		1.3%		2.4%		0.8%		1.8%		4.1%		1.8%
	2019-2028		2.2%		2.2%		0.0%		0.8%		0.9%		-0.1%		1.4%		0.9%		0.4%		0.0%		1.3%		1.7%		3.8%		1.8%
	2029-2038		1.7%		1.8%		-0.1%		0.5%		0.7%		-0.2%		1.0%		0.6%		0.4%		0.0%		0.9%		1.4%		3.8%		1.4%

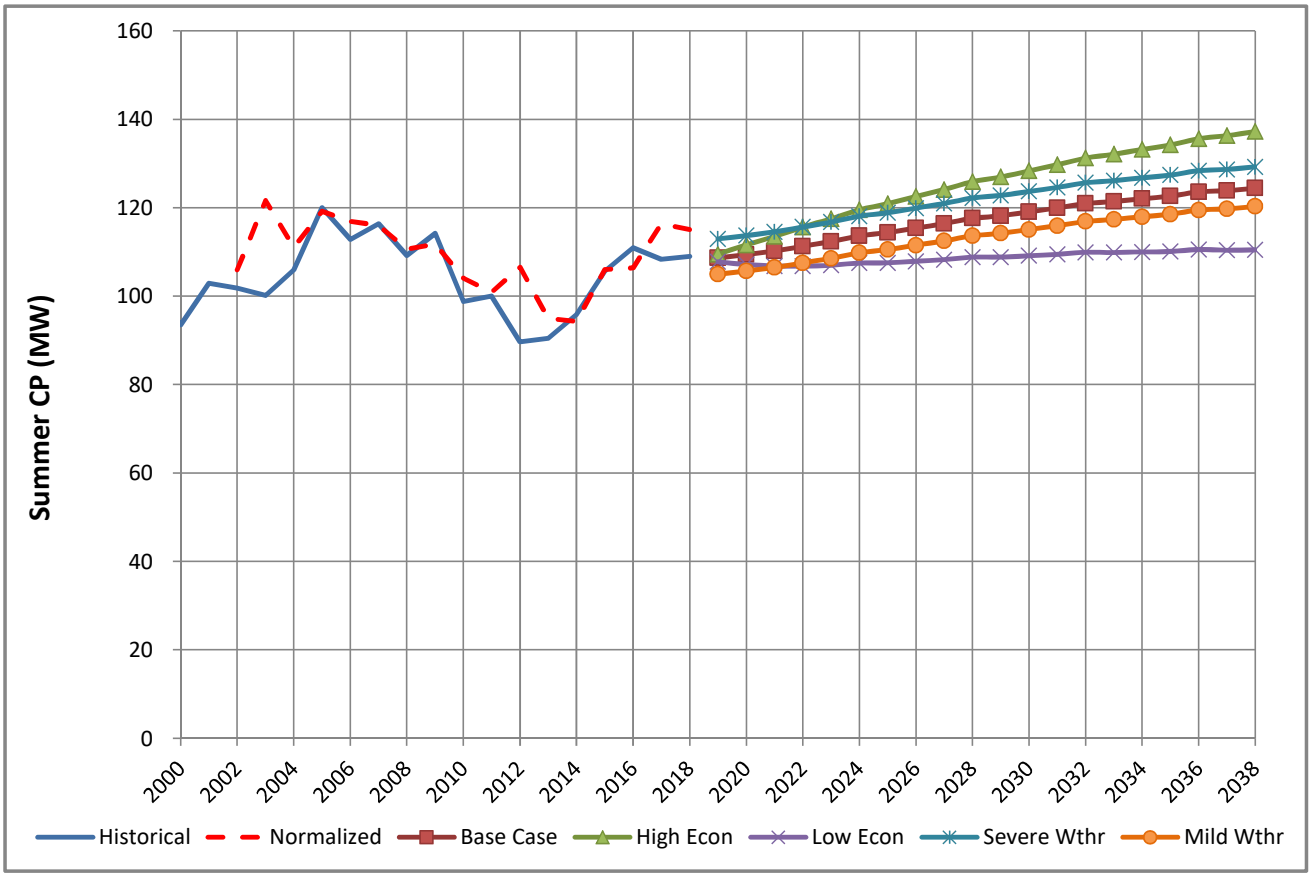
CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast

Leesburg

Historical and Projected NEL and Annual Coincident Peak Demand





FMPA 2019 Load Forecast - Low Economic Case

Leesburg

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

	Year	Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		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	2009	522,907	-	522,696	-	0.0%	116.5	-	110.3	-	-5.3%	114.2	-	111.8		-2.1%
	2010	522,333	-0.1%	497,336	-4.9%	-4.8%	108.3	-7.0%	96.8	-12.3%	-10.6%	98.8	-13.5%	104.1	-6.9%	5.4%
	2011	499,570	-4.4%	483,728	-2.7%	-3.2%	105.3	-2.8%	105.3	8.8%	0.0%	100.0	1.2%	99.0	-4.9%	-1.0%
	2012	469,153	-6.1%	476,631	-1.5%	1.6%	90.6	-14.0%	93.4	-11.3%	3.2%	89.7	-10.3%	106.5	7.6%	18.8%
	2013	468,646	-0.1%	472,961	-0.8%	0.9%	80.8	-10.8%	87.9	-6.0%	8.7%	90.5	0.9%	94.9	-10.9%	4.9%
	2014	465,764	-0.6%	460,586	-2.6%	-1.1%	89.4	10.5%	101.5	15.5%	13.6%	95.8	5.9%	94.3	-0.7%	-1.6%
	2015	478,866	2.8%	465,723	1.1%	-2.7%	100.1	12.0%	109.6	8.0%	9.5%	105.6	10.2%	106.1	12.5%	0.4%
	2016	492,572	2.9%	477,060	2.4%	-3.1%	84.7	-15.4%	97.0	-11.5%	14.6%	110.9	5.0%	106.4	0.3%	-4.1%
	2017	484,786	-1.6%	490,640	2.8%	1.2%	78.8	-6.9%	99.2	2.2%	25.9%	108.4	-2.3%	116.3	9.3%	7.3%
	2018	502,040	3.6%	499,548	1.8%	-0.5%	115.3	46.3%	120.3	21.3%	4.3%	109.0	0.6%	115.1	-1.0%	5.6%
Projected	2019	501,708	-0.1%	501,708	0.4%		102.3	-11.3%	102.3	-15.0%		107.8	-1.1%	107.8	-6.3%	
	2020			499,114	-0.5%				101.7	-0.6%				107.1	-0.6%	
	2021			497,077	-0.4%				101.4	-0.3%				106.8	-0.3%	
	2022			496,903	0.0%				101.4	0.0%				106.8	0.0%	
	2023			497,559	0.1%				101.5	0.2%				107.0	0.2%	
	2024			499,833	0.5%				102.0	0.5%				107.5	0.5%	
	2025			500,087	0.1%				102.1	0.1%				107.5	0.1%	
	2026			501,656	0.3%				102.4	0.3%				107.9	0.3%	
	2027			503,367	0.3%				102.7	0.3%				108.3	0.3%	
	2028			506,115	0.5%				103.3	0.5%				108.8	0.5%	
	2029			506,214	0.0%				103.3	0.0%				108.8	0.0%	
	2030			507,486	0.3%				103.6	0.3%				109.1	0.3%	
	2031			509,108	0.3%				103.9	0.3%				109.5	0.3%	
	2032			511,332	0.4%				104.3	0.4%				109.9	0.4%	
	2033			510,999	-0.1%				104.3	0.0%				109.9	0.0%	
	2034			511,794	0.2%				104.4	0.1%				110.0	0.1%	
	2035			512,162	0.1%				104.5	0.1%				110.1	0.1%	
	2036			514,196	0.4%				104.9	0.4%				110.5	0.4%	
	2037			513,618	-0.1%				104.8	-0.1%				110.4	-0.1%	
	2038			513,947	0.1%				104.9	0.1%				110.5	0.1%	
CAGR [3]	2009-2018		-0.5%		-0.5%			-0.1%		1.0%			-0.5%		0.3%	
	2019-2028				0.1%					0.1%					0.1%	
	2029-2038				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 2019 Load Forecast - Low Economic Case

Leesburg

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	522,907	-	522,696	-	0.0%	118.0	-	50.6%	114.2	-	52.3%
	2010	522,333	-0.1%	497,336	-4.9%	-4.8%	111.0	-6.0%	53.7%	110.0	-3.7%	54.2%
	2011	499,570	-4.4%	483,728	-2.7%	-3.2%	106.8	-3.7%	53.4%	106.6	-3.0%	53.5%
	2012	469,153	-6.1%	476,631	-1.5%	1.6%	94.0	-11.9%	56.9%	100.5	-5.8%	53.3%
	2013	468,646	-0.1%	472,961	-0.8%	0.9%	84.5	-10.1%	63.3%	99.0	-1.4%	54.0%
	2014	465,764	-0.6%	460,586	-2.6%	-1.1%	91.2	8.0%	58.3%	100.0	1.0%	53.2%
	2015	478,866	2.8%	465,723	1.1%	-2.7%	100.1	9.7%	54.6%	107.1	7.1%	51.0%
	2016	492,572	2.9%	477,060	2.4%	-3.1%	91.8	-8.3%	61.3%	110.9	3.6%	50.7%
	2017	484,786	-1.6%	490,640	2.8%	1.2%	84.8	-7.7%	65.3%	109.3	-1.5%	50.6%
	2018	502,040	3.6%	499,548	1.8%	-0.5%	115.3	36.0%	49.7%	110.5	1.1%	51.9%
Projected	2019	501,708	-0.1%	501,708	0.4%		102.9	-10.7%	55.6%	110.0	-0.5%	52.1%
	2020	499,114	-0.5%	499,114	-0.5%		102.3	-0.6%	55.7%	109.4	-0.6%	52.1%
	2021	497,077	-0.4%	497,077	-0.4%		102.0	-0.3%	55.6%	109.0	-0.3%	52.1%
	2022	496,903	0.0%	496,903	0.0%		102.0	0.0%	55.6%	109.0	0.0%	52.0%
	2023	497,559	0.1%	497,559	0.1%		102.2	0.2%	55.6%	109.2	0.2%	52.0%
	2024	499,833	0.5%	499,833	0.5%		102.6	0.5%	55.6%	109.7	0.5%	52.0%
	2025	500,087	0.1%	500,087	0.1%		102.7	0.1%	55.6%	109.8	0.1%	52.0%
	2026	501,656	0.3%	501,656	0.3%		103.0	0.3%	55.6%	110.1	0.3%	52.0%
	2027	503,367	0.3%	503,367	0.3%		103.4	0.3%	55.6%	110.5	0.3%	52.0%
	2028	506,115	0.5%	506,115	0.5%		103.9	0.5%	55.6%	111.1	0.5%	52.0%
	2029	506,214	0.0%	506,214	0.0%		103.9	0.0%	55.6%	111.1	0.0%	52.0%
	2030	507,486	0.3%	507,486	0.3%		104.2	0.3%	55.6%	111.4	0.3%	52.0%
	2031	509,108	0.3%	509,108	0.3%		104.5	0.3%	55.6%	111.7	0.3%	52.0%
	2032	511,332	0.4%	511,332	0.4%		105.0	0.4%	55.6%	112.2	0.4%	52.0%
	2033	510,999	-0.1%	510,999	-0.1%		104.9	0.0%	55.6%	112.1	0.0%	52.0%
	2034	511,794	0.2%	511,794	0.2%		105.0	0.1%	55.6%	112.3	0.1%	52.0%
	2035	512,162	0.1%	512,162	0.1%		105.1	0.1%	55.6%	112.4	0.1%	52.0%
	2036	514,196	0.4%	514,196	0.4%		105.6	0.4%	55.6%	112.8	0.4%	52.0%
	2037	513,618	-0.1%	513,618	-0.1%		105.4	-0.1%	55.6%	112.7	-0.1%	52.0%
	2038	513,947	0.1%	513,947	0.1%		105.5	0.1%	55.6%	112.7	0.1%	52.0%
CAGR [1]	2009-2018		-0.5%		-0.5%			-0.3%	56.7%		-0.4%	52.5%
	2019-2028		0.1%		0.1%			0.1%	55.6%		0.1%	52.0%
	2029-2038		0.2%		0.2%			0.2%	55.6%		0.2%	52.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Low Economic Case

Leesburg

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	43,992	39,102	37,991	37,199	45,145	50,872	50,598	50,815	47,826	44,477	32,941	37,987	518,944	522,907
	2010	45,946	38,902	34,292	35,684	48,541	50,682	52,099	52,653	48,130	39,357	33,974	45,970	526,229	522,333
	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	40,271	34,519	37,671	503,357	502,040
Projected	2019	40,288	34,337	35,875	37,601	44,825	47,953	50,048	51,833	46,487	40,560	34,463	37,247	501,515	501,708
	2020	39,951	35,179	35,532	37,243	44,395	47,485	49,576	51,375	46,108	40,298	34,307	37,136	498,586	499,114
	2021	39,848	33,979	35,497	37,223	44,378	47,459	49,541	51,335	46,076	40,279	34,303	37,131	497,048	497,077
	2022	39,821	33,958	35,481	37,210	44,366	47,437	49,518	51,322	46,078	40,294	34,331	37,168	496,985	496,903
	2023	39,853	33,994	35,531	37,272	44,443	47,514	49,595	51,405	46,157	40,371	34,406	37,249	497,791	497,559
	2024	39,931	35,210	35,614	37,365	44,555	47,627	49,710	51,525	46,270	40,475	34,503	37,356	500,141	499,833
	2025	40,036	34,159	35,717	37,477	44,688	47,763	49,847	51,666	46,398	40,592	34,609	37,471	500,426	500,087
	2026	40,152	34,262	35,831	37,601	44,837	47,917	50,005	51,831	46,548	40,728	34,731	37,604	502,047	501,656
	2027	40,286	34,379	35,956	37,735	44,995	48,080	50,170	52,000	46,701	40,864	34,851	37,733	503,752	503,367
	2028	40,416	35,648	36,075	37,860	45,141	48,228	50,317	52,149	46,833	40,981	34,955	37,843	506,446	506,115
Projected	2029	40,521	34,580	36,171	37,962	45,258	48,340	50,424	52,254	46,926	41,063	35,030	37,921	506,449	506,214
	2030	40,598	34,654	36,258	38,062	45,382	48,473	50,566	52,408	47,071	41,199	35,153	38,059	507,884	507,486
	2031	40,739	34,772	36,381	38,189	45,528	48,621	50,713	52,555	47,199	41,309	35,247	38,156	509,409	509,108
	2032	40,834	36,021	36,462	38,272	45,622	48,711	50,797	52,635	47,267	41,366	35,297	38,206	511,489	511,332
	2033	40,883	34,898	36,519	38,338	45,704	48,798	50,890	52,736	47,363	41,457	35,380	38,299	511,264	510,999
	2034	40,971	34,967	36,587	38,404	45,774	48,858	50,938	52,773	47,388	41,475	35,395	38,309	511,837	511,794
	2035	40,975	34,979	36,609	38,436	45,816	48,903	50,987	52,831	47,448	41,535	35,456	38,379	512,354	512,162
	2036	41,045	36,216	36,674	38,505	45,897	48,984	51,068	52,913	47,522	41,601	35,515	38,442	514,383	514,196
	2037	41,103	35,087	36,723	38,554	45,951	49,032	51,110	52,950	47,550	41,625	35,535	38,460	513,680	513,618
	2038	41,118	35,103	36,746	38,582	45,986	49,067	51,146	52,990	47,589	41,662	35,571	38,500	514,061	513,947

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.5%	7.5%	7.3%	7.2%	8.7%	9.8%	9.8%	9.8%	9.2%	8.6%	6.3%	7.3%	100.0%
	2010	8.7%	7.4%	6.5%	6.8%	9.2%	9.6%	9.9%	10.0%	9.1%	7.5%	6.5%	8.7%	100.0%
	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	8.8%	6.6%	6.9%	7.2%	8.3%	9.5%	9.7%	10.5%	10.3%	8.0%	6.9%	7.5%	100.0%
Projected	2019	8.0%	6.8%	7.2%	7.5%	8.9%	9.6%	10.0%	10.3%	9.3%	8.1%	6.9%	7.4%	100.0%
	2020	8.0%	7.1%	7.1%	7.5%	8.9%	9.5%	9.9%	10.3%	9.2%	8.1%	6.9%	7.4%	100.0%
	2021	8.0%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.3%	8.1%	6.9%	7.5%	100.0%
	2022	8.0%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.3%	8.1%	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%	8.1%	6.9%	7.5%	100.0%
	2024	8.0%	7.0%	7.1%	7.5%	8.9%	9.5%	9.9%	10.3%	9.3%	8.1%	6.9%	7.5%	100.0%
	2025	8.0%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.3%	8.1%	6.9%	7.5%	100.0%
	2026	8.0%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.3%	8.1%	6.9%	7.5%	100.0%
	2027	8.0%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.3%	8.1%	6.9%	7.5%	100.0%
	2028	8.0%	7.0%	7.1%	7.5%	8.9%	9.5%	9.9%	10.3%	9.2%	8.1%	6.9%	7.5%	100.0%
Avg.	2009-2018	8.1%	6.9%	7.2%	7.6%	8.9%	9.5%	10.0%	10.2%	9.4%	8.0%	6.7%	7.5%	100.0%
	2019-2028	8.0%	6.9%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.3%	8.1%	6.9%	7.5%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Low Economic Case

Leesburg

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	118.0	116.5	90.8	83.1	98.7	114.2	105.8	106.4	99.0	102.6	65.5	80.8	118.0	114.2
	2010	111.0	90.5	80.4	74.9	98.2	107.3	107.8	110.0	103.7	91.2	70.2	106.8	111.0	110.0
	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	94.4	71.6	75.8	115.3	110.5
Projected	2019	102.9	93.5	83.6	86.7	99.1	105.1	107.9	110.0	103.6	94.0	71.2	75.4	102.9	110.0
	2020	102.3	93.0	83.1	86.2	98.5	104.5	107.3	109.4	103.0	93.4	70.9	75.2	102.3	109.4
	2021	102.0	92.7	82.8	85.9	98.2	104.2	106.9	109.0	102.6	93.1	70.9	75.1	102.0	109.0
	2022	102.0	92.7	82.8	85.9	98.2	104.2	106.9	109.0	102.6	93.1	71.0	75.3	102.0	109.0
	2023	102.2	92.8	83.0	86.0	98.4	104.4	107.1	109.2	102.8	93.3	71.4	75.6	102.2	109.2
	2024	102.6	93.3	83.4	86.4	98.8	104.8	107.6	109.7	103.3	93.7	71.4	75.7	102.6	109.7
	2025	102.7	93.3	83.4	86.5	98.9	104.9	107.7	109.8	103.3	93.8	71.6	75.9	102.7	109.8
	2026	103.0	93.6	83.7	86.8	99.2	105.2	108.0	110.1	103.7	94.1	71.9	76.2	103.0	110.1
	2027	103.4	93.9	84.0	87.1	99.5	105.6	108.4	110.5	104.0	94.4	72.3	76.6	103.4	110.5
	2028	103.9	94.4	84.4	87.5	100.1	106.2	109.0	111.1	104.6	94.9	72.3	76.6	103.9	111.1
Projected	2029	103.9	94.4	84.4	87.5	100.1	106.2	109.0	111.1	104.6	94.9	72.5	76.8	103.9	111.1
	2030	104.2	94.7	84.6	87.8	100.4	106.5	109.3	111.4	104.9	95.2	72.7	77.0	104.2	111.4
	2031	104.5	95.0	84.9	88.0	100.7	106.8	109.6	111.7	105.2	95.4	73.0	77.3	104.5	111.7
	2032	105.0	95.4	85.2	88.4	101.1	107.2	110.0	112.2	105.6	95.8	73.0	77.3	105.0	112.2
	2033	104.9	95.3	85.2	88.4	101.0	107.2	110.0	112.1	105.6	95.8	73.0	77.4	104.9	112.1
	2034	105.0	95.4	85.3	88.5	101.1	107.3	110.1	112.3	105.7	95.9	73.1	77.5	105.0	112.3
	2035	105.1	95.5	85.4	88.5	101.2	107.4	110.2	112.4	105.8	96.0	73.4	77.8	105.1	112.4
	2036	105.6	95.9	85.7	88.9	101.6	107.8	110.7	112.8	106.2	96.4	73.3	77.7	105.6	112.8
	2037	105.4	95.8	85.6	88.8	101.5	107.7	110.5	112.7	106.1	96.2	73.4	77.7	105.4	112.7
	2038	105.5	95.9	85.7	88.8	101.6	107.8	110.6	112.7	106.2	96.3	73.4	77.8	105.5	112.7

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	50.1%	50.0%	56.2%	60.1%	68.0%	59.9%	66.4%	64.2%	67.1%	58.2%	67.6%	65.3%	50.2%	51.9%
	2010	55.7%	64.0%	57.3%	64.0%	73.5%	63.5%	67.1%	64.3%	64.5%	58.0%	65.0%	59.8%	54.1%	54.6%
	2011	52.7%	59.7%	70.9%	55.6%	68.9%	60.2%	66.1%	64.2%	63.6%	60.7%	65.6%	72.7%	51.4%	51.4%
	2012	52.8%	53.1%	65.5%	60.4%	72.3%	58.0%	67.7%	62.6%	61.7%	59.6%	69.4%	69.6%	57.6%	53.9%
	2013	70.1%	60.1%	55.1%	60.9%	69.2%	60.5%	64.1%	64.7%	63.7%	62.0%	60.4%	72.1%	63.1%	53.9%
	2014	61.2%	59.5%	71.5%	56.8%	67.5%	60.6%	68.1%	64.9%	59.3%	57.8%	56.5%	67.9%	58.3%	53.2%
	2015	58.5%	51.2%	64.3%	62.6%	68.5%	58.5%	65.6%	60.9%	62.1%	57.9%	56.0%	69.3%	55.0%	51.4%
	2016	54.8%	52.7%	60.4%	54.2%	67.6%	62.2%	67.2%	64.4%	63.6%	60.2%	60.1%	65.1%	60.9%	50.4%
	2017	55.7%	61.6%	59.9%	52.6%	65.7%	57.6%	64.3%	64.3%	61.4%	57.1%	61.4%	59.2%	66.0%	51.2%
	2018	51.4%	61.8%	65.0%	61.5%	64.4%	60.1%	63.4%	64.5%	65.8%	57.3%	64.8%	69.0%	49.8%	52.0%
Projected	2019	52.6%	54.6%	57.7%	58.3%	67.3%	61.3%	64.4%	63.3%	62.3%	58.0%	65.1%	68.6%	55.6%	52.0%
	2020	52.5%	54.4%	57.5%	58.1%	67.1%	61.1%	64.2%	63.1%	62.2%	58.0%	65.0%	68.6%	55.6%	52.0%
	2021	52.5%	54.6%	57.6%	58.2%	67.2%	61.2%	64.3%	63.3%	62.3%	58.1%	65.0%	68.6%	55.6%	52.0%
	2022	52.5%	54.5%	57.6%	58.2%	67.2%	61.2%	64.3%	63.3%	62.4%	58.2%	65.0%	68.6%	55.6%	52.0%
	2023	52.4%	54.5%	57.6%	58.2%	67.2%	61.2%	64.3%	63.3%	62.4%	58.2%	64.8%	68.4%	55.6%	52.0%
	2024	52.3%	54.2%	57.4%	58.1%	67.1%	61.1%	64.2%	63.1%	62.2%	58.1%	64.9%	68.6%	55.6%	52.0%
	2025	52.4%	54.5%	57.6%	58.2%	67.2%	61.2%	64.3%	63.3%	62.4%	58.2%	64.9%	68.6%	55.6%	52.0%
	2026	52.4%	54.5%	57.6%	58.2%	67.3%	61.2%	64.3%	63.3%	62.4%	58.2%	64.9%	68.6%	55.6%	52.0%
	2027	52.4%	54.5%	57.6%	58.3%	67.3%	61.2%	64.3%	63.3%	62.3%	58.2%	64.8%	68.4%	55.6%	52.0%
	2028	52.3%	54.2%	57.4%	58.1%	67.1%	61.1%	64.1%	63.1%	62.2%	58.0%	65.0%	68.6%	55.6%	52.0%
Avg.	2009-2018	56.3%	57.4%	62.6%	58.9%	68.6%	60.1%	66.0%	63.9%	63.3%	58.9%	62.7%	67.0%	56.7%	52.4%
	2019-2028	52.4%	54.4%	57.5%	58.2%	67.2%	61.2%	64.3%	63.2%	62.3%	58.1%	64.9%	68.6%	55.6%	52.0%

FMPA 2019 Load Forecast - Low Economic Case

Leesburg

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	118.0	116.5	90.8	83.1	98.7	114.2	101.7	105.5	96.3	100.7	59.9	80.8	116.5	114.2
	2010	108.3	88.9	78.9	69.1	91.1	98.8	100.4	102.8	94.2	83.8	65.4	105.3	108.3	98.8
	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	93.1	69.7	74.3	115.3	109.0
Projected	2019	102.3	93.4	81.0	85.1	96.3	101.1	104.7	107.8	101.0	92.7	69.3	73.9	102.3	107.8
	2020	101.7	92.8	80.5	84.6	95.8	100.6	104.1	107.1	100.4	92.2	69.1	73.6	101.7	107.1
	2021	101.4	92.5	80.3	84.4	95.5	100.2	103.8	106.8	100.1	91.9	69.1	73.6	101.4	106.8
	2022	101.4	92.5	80.3	84.3	95.5	100.2	103.8	106.8	100.1	91.9	69.2	73.8	101.4	106.8
	2023	101.5	92.7	80.4	84.5	95.6	100.4	104.0	107.0	100.2	92.0	69.5	74.1	101.5	107.0
	2024	102.0	93.1	80.8	84.9	96.1	100.9	104.5	107.5	100.7	92.5	69.6	74.1	102.0	107.5
	2025	102.1	93.2	80.8	84.9	96.1	100.9	104.5	107.5	100.7	92.5	69.8	74.4	102.1	107.5
	2026	102.4	93.5	81.1	85.2	96.4	101.3	104.9	107.9	101.1	92.8	70.0	74.6	102.4	107.9
	2027	102.7	93.8	81.4	85.5	96.8	101.6	105.2	108.3	101.4	93.1	70.4	75.0	102.7	108.3
	2028	103.3	94.3	81.8	85.9	97.3	102.1	105.8	108.8	102.0	93.6	70.4	75.0	103.3	108.8
Projected	2029	103.3	94.3	81.8	85.9	97.3	102.1	105.8	108.8	102.0	93.6	70.6	75.2	103.3	108.8
	2030	103.6	94.5	82.0	86.2	97.6	102.4	106.1	109.1	102.3	93.9	70.8	75.5	103.6	109.1
	2031	103.9	94.8	82.3	86.4	97.9	102.7	106.4	109.5	102.6	94.2	71.1	75.8	103.9	109.5
	2032	104.3	95.2	82.6	86.8	98.3	103.2	106.8	109.9	103.0	94.6	71.1	75.7	104.3	109.9
	2033	104.3	95.2	82.6	86.8	98.2	103.1	106.8	109.9	102.9	94.5	71.1	75.8	104.3	109.9
	2034	104.4	95.3	82.7	86.9	98.3	103.2	106.9	110.0	103.0	94.6	71.2	75.9	104.4	110.0
	2035	104.5	95.4	82.8	86.9	98.4	103.3	107.0	110.1	103.2	94.7	71.5	76.2	104.5	110.1
	2036	104.9	95.7	83.1	87.3	98.8	103.7	107.4	110.5	103.6	95.1	71.4	76.1	104.9	110.5
	2037	104.8	95.6	83.0	87.2	98.7	103.6	107.3	110.4	103.4	95.0	71.5	76.2	104.8	110.4
	2038	104.9	95.7	83.0	87.2	98.8	103.7	107.4	110.5	103.5	95.0	71.5	76.2	104.9	110.5

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	96.1%	99.2%	97.3%	98.1%	91.4%	100.0%	98.7%	100.0%
	2010	97.6%	98.2%	98.1%	92.3%	92.7%	92.0%	93.2%	93.5%	90.9%	91.8%	93.2%	98.6%	97.6%	89.8%
	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%	98.7%	97.4%	98.0%	100.0%	98.6%
Projected	2019	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2020	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2021	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2022	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2023	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2024	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2025	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2026	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2027	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2028	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2009-2018	98.6%	99.6%	94.9%	97.4%	96.6%	94.0%	95.5%	96.4%	96.3%	98.0%	95.2%	96.6%	97.0%	95.6%
	2019-2028	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%

FMPA 2019 Load Forecast - Low Economic Case - Leesburg

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	210,507		17,666		11,916		269,245		3,127		86.1		14,883		8,005		502,640		20,267	3.9%	522,907	
	2010	227,653	8.1%	17,719	0.3%	12,848	7.8%	253,879	-5.7%	3,066	-1.9%	82.8	-3.8%	15,186	2.0%	7,681	-4.0%	504,399	0.4%	17,933	3.4%	522,333	-0.1%
	2011	218,688	-3.9%	17,795	0.4%	12,289	-4.4%	239,294	-5.7%	3,011	-1.8%	79.5	-4.0%	15,695	3.4%	7,623	-0.8%	481,300	-4.6%	18,270	3.7%	499,570	-4.4%
	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%
Projected	2019	243,222	0.6%	21,643	0.9%	11,238	-0.3%	216,617	0.1%	3,299	-0.1%	65.7	0.2%	16,432	2.7%	7,946	0.0%	484,217	0.5%	17,490	3.5%	501,708	-0.1%
	2020	239,903	-1.4%	21,817	0.8%	10,996	-2.2%	214,437	-1.0%	3,305	0.2%	64.9	-1.2%	16,297	-0.8%	7,946	0.0%	478,583	-1.2%	20,531	4.1%	499,114	-0.5%
	2021	238,309	-0.7%	21,881	0.3%	10,891	-1.0%	215,095	0.3%	3,317	0.4%	64.9	-0.1%	16,339	0.3%	7,946	0.0%	477,689	-0.2%	19,388	3.9%	497,077	-0.4%
	2022	237,175	-0.5%	21,962	0.4%	10,800	-0.8%	215,988	0.4%	3,331	0.4%	64.8	0.0%	16,414	0.5%	7,946	0.0%	477,522	0.0%	19,381	3.9%	496,903	0.0%
	2023	236,576	-0.3%	22,042	0.4%	10,733	-0.6%	217,120	0.5%	3,348	0.5%	64.9	0.0%	16,503	0.5%	7,946	0.0%	478,145	0.1%	19,414	3.9%	497,559	0.1%
	2024	236,380	-0.1%	22,121	0.4%	10,686	-0.4%	218,303	0.5%	3,365	0.5%	64.9	0.0%	16,598	0.6%	7,946	0.0%	479,227	0.2%	20,606	4.1%	499,833	0.5%
	2025	236,389	0.0%	22,199	0.4%	10,649	-0.3%	219,535	0.6%	3,383	0.5%	64.9	0.0%	16,698	0.6%	7,946	0.0%	480,568	0.3%	19,519	3.9%	500,087	0.1%
	2026	236,520	0.1%	22,276	0.3%	10,618	-0.3%	220,806	0.6%	3,402	0.5%	64.9	0.0%	16,801	0.6%	7,946	0.0%	482,074	0.3%	19,583	3.9%	501,656	0.3%
	2027	236,838	0.1%	22,349	0.3%	10,597	-0.2%	222,031	0.6%	3,420	0.5%	64.9	0.0%	16,901	0.6%	7,946	0.0%	483,717	0.3%	19,651	3.9%	503,367	0.3%
	2028	237,068	0.1%	22,420	0.3%	10,574	-0.2%	223,231	0.5%	3,438	0.5%	64.9	0.0%	16,999	0.6%	7,946	0.0%	485,244	0.3%	20,871	4.1%	506,115	0.5%
	2029	237,001	0.0%	22,489	0.3%	10,539	-0.3%	224,410	0.5%	3,455	0.5%	64.9	0.0%	17,096	0.6%	7,946	0.0%	486,454	0.2%	19,761	3.9%	506,214	0.0%
	2030	236,987	0.0%	22,554	0.3%	10,507	-0.3%	225,549	0.5%	3,472	0.5%	65.0	0.0%	17,190	0.5%	7,946	0.0%	487,672	0.3%	19,814	3.9%	507,486	0.3%
	2031	237,442	0.2%	22,615	0.3%	10,499	-0.1%	226,568	0.5%	3,488	0.5%	64.9	0.0%	17,275	0.5%	7,946	0.0%	489,231	0.3%	19,877	3.9%	509,108	0.3%
	2032	237,533	0.0%	22,669	0.2%	10,478	-0.2%	227,418	0.4%	3,503	0.4%	64.9	0.0%	17,349	0.4%	7,946	0.0%	490,246	0.2%	21,086	4.1%	511,332	0.4%
	2033	237,489	0.0%	22,721	0.2%	10,452	-0.2%	228,197	0.3%	3,516	0.4%	64.9	0.0%	17,417	0.4%	7,946	0.0%	491,049	0.2%	19,950	3.9%	510,999	-0.1%
	2034	237,453	0.0%	22,772	0.2%	10,427	-0.2%	228,933	0.3%	3,529	0.4%	64.9	0.0%	17,483	0.4%	7,946	0.0%	491,815	0.2%	19,978	3.9%	511,794	0.2%
	2035	237,000	-0.2%	22,822	0.2%	10,385	-0.4%	229,672	0.3%	3,542	0.4%	64.8	0.0%	17,548	0.4%	7,946	0.0%	492,167	0.1%	19,995	3.9%	512,162	0.1%
	2036	237,039	0.0%	22,870	0.2%	10,364	-0.2%	230,391	0.3%	3,555	0.4%	64.8	0.0%	17,613	0.4%	7,946	0.0%	492,988	0.2%	21,207	4.1%	514,196	0.4%
	2037	236,955	0.0%	22,916	0.2%	10,340	-0.2%	230,997	0.3%	3,566	0.3%	64.8	-0.1%	17,669	0.3%	7,946	0.0%	493,566	0.1%	20,052	3.9%	513,618	-0.1%
	2038	236,737	-0.1%	22,964	0.2%	10,309	-0.3%	231,482	0.2%	3,577	0.3%	64.7	-0.1%	17,716	0.3%	7,946	0.0%	493,881	0.1%	20,066	3.9%	513,947	0.1%
CAGR	2009-2018		1.5%		2.2%		-0.6%		-2.4%		0.6%		-3.0%		0.8%		-0.1%		-0.5%		3.7%		-0.5%
	2019-2028		-0.3%		0.4%		-0.7%		0.3%		0.5%		-0.1%		0.4%		0.0%		0.0%		3.9%		0.1%
	2029-2038		0.0%		0.2%		-0.2%		0.3%		0.4%		0.0%		0.4%		0.0%		0.2%		3.9%		0.2%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - High Economic Case

Leesburg

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	522,907	-	522,696	-	0.0%	116.5	-	110.3	-	-5.3%	114.2	-	111.8		-2.1%
	2010	522,333	-0.1%	497,336	-4.9%	-4.8%	108.3	-7.0%	96.8	-12.3%	-10.6%	98.8	-13.5%	104.1	-6.9%	5.4%
	2011	499,570	-4.4%	483,728	-2.7%	-3.2%	105.3	-2.8%	105.3	8.8%	0.0%	100.0	1.2%	99.0	-4.9%	-1.0%
	2012	469,153	-6.1%	476,631	-1.5%	1.6%	90.6	-14.0%	93.4	-11.3%	3.2%	89.7	-10.3%	106.5	7.6%	18.8%
	2013	468,646	-0.1%	472,961	-0.8%	0.9%	80.8	-10.8%	87.9	-6.0%	8.7%	90.5	0.9%	94.9	-10.9%	4.9%
	2014	465,764	-0.6%	460,586	-2.6%	-1.1%	89.4	10.5%	101.5	15.5%	13.6%	95.8	5.9%	94.3	-0.7%	-1.6%
	2015	478,866	2.8%	465,723	1.1%	-2.7%	100.1	12.0%	109.6	8.0%	9.5%	105.6	10.2%	106.1	12.5%	0.4%
	2016	492,572	2.9%	477,060	2.4%	-3.1%	84.7	-15.4%	97.0	-11.5%	14.6%	110.9	5.0%	106.4	0.3%	-4.1%
	2017	484,786	-1.6%	490,640	2.8%	1.2%	78.8	-6.9%	99.2	2.2%	25.9%	108.4	-2.3%	116.3	9.3%	7.3%
	2018	502,040	3.6%	499,548	1.8%	-0.5%	115.3	46.3%	120.3	21.3%	4.3%	109.0	0.6%	115.1	-1.0%	5.6%
Projected	2019	506,636	0.9%	506,636	1.4%		103.9	-9.9%	103.9	-13.6%		109.5	0.5%	109.5	-4.8%	
	2020			517,345	2.1%				105.9	1.9%				111.6	1.9%	
	2021			525,842	1.6%				107.7	1.7%				113.5	1.7%	
	2022			535,907	1.9%				109.7	1.9%				115.6	1.9%	
	2023			544,909	1.7%				111.5	1.6%				117.5	1.6%	
	2024			554,340	1.7%				113.4	1.7%				119.5	1.7%	
	2025			560,903	1.2%				114.8	1.2%				120.9	1.2%	
	2026			568,487	1.4%				116.3	1.3%				122.5	1.3%	
	2027			575,922	1.3%				117.8	1.3%				124.1	1.3%	
	2028			584,294	1.5%				119.5	1.4%				125.9	1.4%	
	2029			589,403	0.9%				120.5	0.8%				126.9	0.8%	
	2030			595,695	1.1%				121.8	1.1%				128.3	1.1%	
	2031			602,270	1.1%				123.1	1.1%				129.7	1.1%	
	2032			609,432	1.2%				124.5	1.2%				131.2	1.2%	
	2033			613,440	0.7%				125.4	0.7%				132.1	0.7%	
	2034			618,692	0.9%				126.4	0.8%				133.2	0.8%	
	2035			623,315	0.7%				127.4	0.8%				134.2	0.8%	
	2036			629,915	1.1%				128.7	1.1%				135.6	1.1%	
	2037			633,245	0.5%				129.4	0.5%				136.3	0.5%	
	2038			637,610	0.7%				130.3	0.7%				137.2	0.7%	
CAGR [3]	2009-2018		-0.5%		-0.5%			-0.1%		1.0%			-0.5%		0.3%	
	2019-2028				1.6%					1.6%					1.6%	
	2029-2038				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 2019 Load Forecast - High Economic Case

Leesburg

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	522,907	-	522,696	-	0.0%	118.0	-	50.6%	114.2	-	52.3%
	2010	522,333	-0.1%	497,336	-4.9%	-4.8%	111.0	-6.0%	53.7%	110.0	-3.7%	54.2%
	2011	499,570	-4.4%	483,728	-2.7%	-3.2%	106.8	-3.7%	53.4%	106.6	-3.0%	53.5%
	2012	469,153	-6.1%	476,631	-1.5%	1.6%	94.0	-11.9%	56.9%	100.5	-5.8%	53.3%
	2013	468,646	-0.1%	472,961	-0.8%	0.9%	84.5	-10.1%	63.3%	99.0	-1.4%	54.0%
	2014	465,764	-0.6%	460,586	-2.6%	-1.1%	91.2	8.0%	58.3%	100.0	1.0%	53.2%
	2015	478,866	2.8%	465,723	1.1%	-2.7%	100.1	9.7%	54.6%	107.1	7.1%	51.0%
	2016	492,572	2.9%	477,060	2.4%	-3.1%	91.8	-8.3%	61.3%	110.9	3.6%	50.7%
	2017	484,786	-1.6%	490,640	2.8%	1.2%	84.8	-7.7%	65.3%	109.3	-1.5%	50.6%
	2018	502,040	3.6%	499,548	1.8%	-0.5%	115.3	36.0%	49.7%	110.5	1.1%	51.9%
Projected	2019	506,636	0.9%	506,636	1.4%		104.6	-9.3%	55.3%	111.8	1.1%	51.8%
	2020	517,345	2.1%	517,345	2.1%		106.6	1.9%	55.4%	113.9	1.9%	51.9%
	2021	525,842	1.6%	525,842	1.6%		108.4	1.7%	55.4%	115.8	1.7%	51.8%
	2022	535,907	1.9%	535,907	1.9%		110.4	1.9%	55.4%	118.0	1.9%	51.8%
	2023	544,909	1.7%	544,909	1.7%		112.2	1.6%	55.4%	119.9	1.6%	51.9%
	2024	554,340	1.7%	554,340	1.7%		114.1	1.7%	55.4%	122.0	1.7%	51.9%
	2025	560,903	1.2%	560,903	1.2%		115.5	1.2%	55.5%	123.4	1.2%	51.9%
	2026	568,487	1.4%	568,487	1.4%		117.0	1.3%	55.5%	125.1	1.3%	51.9%
	2027	575,922	1.3%	575,922	1.3%		118.5	1.3%	55.5%	126.7	1.3%	51.9%
	2028	584,294	1.5%	584,294	1.5%		120.2	1.4%	55.5%	128.5	1.4%	51.9%
	2029	589,403	0.9%	589,403	0.9%		121.2	0.8%	55.5%	129.6	0.8%	51.9%
	2030	595,695	1.1%	595,695	1.1%		122.6	1.1%	55.5%	131.0	1.1%	51.9%
	2031	602,270	1.1%	602,270	1.1%		123.9	1.1%	55.5%	132.4	1.1%	51.9%
	2032	609,432	1.2%	609,432	1.2%		125.3	1.2%	55.5%	133.9	1.2%	51.9%
	2033	613,440	0.7%	613,440	0.7%		126.2	0.7%	55.5%	134.8	0.7%	51.9%
	2034	618,692	0.9%	618,692	0.9%		127.2	0.8%	55.5%	135.9	0.8%	52.0%
	2035	623,315	0.7%	623,315	0.7%		128.2	0.8%	55.5%	137.0	0.8%	52.0%
	2036	629,915	1.1%	629,915	1.1%		129.5	1.1%	55.5%	138.4	1.1%	52.0%
	2037	633,245	0.5%	633,245	0.5%		130.2	0.5%	55.5%	139.1	0.5%	52.0%
	2038	637,610	0.7%	637,610	0.7%		131.1	0.7%	55.5%	140.1	0.7%	52.0%
CAGR [1]	2009-2018		-0.5%		-0.5%			-0.3%	56.7%		-0.4%	52.5%
	2019-2028		1.6%		1.6%			1.6%	55.4%		1.6%	51.9%
	2029-2038		0.9%		0.9%			0.9%	55.5%		0.9%	51.9%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - High Economic Case

Leesburg

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	43,992	39,102	37,991	37,199	45,145	50,872	50,598	50,815	47,826	44,477	32,941	37,987	518,944	522,907
	2010	45,946	38,902	34,292	35,684	48,541	50,682	52,099	52,653	48,130	39,357	33,974	45,970	526,229	522,333
	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	40,271	34,519	37,671	503,357	502,040
Projected	2019	40,379	34,495	36,128	37,963	45,367	48,641	50,880	52,824	47,498	41,558	35,419	38,380	509,532	506,636
	2020	41,206	36,352	36,788	38,632	46,126	49,404	51,654	53,618	48,208	42,211	36,005	39,038	519,243	517,345
	2021	41,945	35,829	37,491	39,381	47,031	50,382	52,680	54,683	49,165	43,047	36,709	39,799	528,143	525,842
	2022	42,769	36,524	38,207	40,122	47,915	51,334	53,677	55,716	50,088	43,838	37,367	40,500	538,057	535,907
	2023	43,517	37,152	38,850	40,788	48,702	52,170	54,543	56,605	50,877	44,520	37,941	41,116	546,781	544,909
	2024	44,178	38,979	39,432	41,396	49,425	52,944	55,349	57,438	51,623	45,169	38,490	41,708	556,131	554,340
	2025	44,812	38,251	39,991	41,980	50,120	53,687	56,121	58,236	52,337	45,790	39,015	42,275	562,615	560,903
	2026	45,419	38,769	40,531	42,546	50,796	54,410	56,877	59,019	53,040	46,403	39,536	42,837	570,183	568,487
	2027	46,022	39,281	41,062	43,101	51,456	55,116	57,612	59,778	53,719	46,993	40,034	43,374	577,548	575,922
	2028	46,596	41,102	41,566	43,627	52,081	55,781	58,301	60,488	54,352	47,543	40,499	43,873	585,808	584,294
Projected	2029	47,125	40,215	42,031	44,111	52,653	56,385	58,923	61,126	54,920	48,036	40,918	44,321	590,762	589,403
	2030	47,606	40,631	42,473	44,581	53,220	56,998	59,570	61,805	55,537	48,580	41,384	44,831	597,217	595,695
	2031	48,151	41,091	42,946	45,073	53,802	57,617	60,211	62,463	56,121	49,084	41,807	45,283	603,647	602,270
	2032	48,631	42,889	43,362	45,504	54,310	58,154	60,763	63,026	56,620	49,514	42,169	45,669	610,610	609,432
	2033	49,047	41,854	43,742	45,906	54,795	58,678	61,316	63,606	57,146	49,977	42,564	46,100	614,730	613,440
	2034	49,503	42,233	44,127	46,301	55,256	59,158	61,803	64,096	57,573	50,342	42,870	46,421	619,683	618,692
	2035	49,846	42,534	44,450	46,647	55,675	59,611	62,282	64,602	58,036	50,754	43,226	46,813	624,474	623,315
	2036	50,264	44,330	44,820	47,034	56,136	60,103	62,794	65,131	58,510	51,166	43,576	47,189	631,053	629,915
	2037	50,663	43,225	45,165	47,392	56,557	60,547	63,250	65,595	58,920	51,519	43,872	47,504	634,210	633,245
	2038	51,002	43,517	45,473	47,717	56,948	60,968	63,693	66,058	59,338	51,886	44,185	47,844	638,629	637,610

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.5%	7.5%	7.3%	7.2%	8.7%	9.8%	9.8%	9.8%	9.2%	8.6%	6.3%	7.3%	100.0%
	2010	8.7%	7.4%	6.5%	6.8%	9.2%	9.6%	9.9%	10.0%	9.1%	7.5%	6.5%	8.7%	100.0%
	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	8.8%	6.6%	6.9%	7.2%	8.3%	9.5%	9.7%	10.5%	10.3%	8.0%	6.9%	7.5%	100.0%
Projected	2019	7.9%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.4%	9.3%	8.2%	7.0%	7.5%	100.0%
	2020	7.9%	7.0%	7.1%	7.4%	8.9%	9.5%	9.9%	10.3%	9.3%	8.1%	6.9%	7.5%	100.0%
	2021	7.9%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.4%	9.3%	8.2%	7.0%	7.5%	100.0%
	2022	7.9%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.4%	9.3%	8.1%	6.9%	7.5%	100.0%
	2023	8.0%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.4%	9.3%	8.1%	6.9%	7.5%	100.0%
	2024	7.9%	7.0%	7.1%	7.4%	8.9%	9.5%	10.0%	10.3%	9.3%	8.1%	6.9%	7.5%	100.0%
	2025	8.0%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.4%	9.3%	8.1%	6.9%	7.5%	100.0%
	2026	8.0%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.4%	9.3%	8.1%	6.9%	7.5%	100.0%
	2027	8.0%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.4%	9.3%	8.1%	6.9%	7.5%	100.0%
	2028	8.0%	7.0%	7.1%	7.4%	8.9%	9.5%	10.0%	10.3%	9.3%	8.1%	6.9%	7.5%	100.0%
Avg.	2009-2018	8.1%	6.9%	7.2%	7.6%	8.9%	9.5%	10.0%	10.2%	9.4%	8.0%	6.7%	7.5%	100.0%
	2019-2028	8.0%	6.9%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.3%	8.1%	6.9%	7.5%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - High Economic Case

Leesburg

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	118.0	116.5	90.8	83.1	98.7	114.2	105.8	106.4	99.0	102.6	65.5	80.8	118.0	114.2
	2010	111.0	90.5	80.4	74.9	98.2	107.3	107.8	110.0	103.7	91.2	70.2	106.8	111.0	110.0
	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	94.4	72.7	77.0	115.3	110.5
Projected	2019	104.6	95.0	84.9	88.1	100.7	106.8	109.6	111.8	105.2	95.5	74.1	78.5	104.6	111.8
	2020	106.6	96.8	86.5	89.7	102.6	108.9	111.7	113.9	107.2	97.3	75.4	79.9	106.6	113.9
	2021	108.4	98.5	88.0	91.3	104.4	110.7	113.6	115.8	109.1	99.0	76.8	81.4	108.4	115.8
	2022	110.4	100.3	89.7	93.0	106.3	112.8	115.8	118.0	111.1	100.8	78.0	82.7	110.4	118.0
	2023	112.2	102.0	91.1	94.5	108.0	114.6	117.6	119.9	112.9	102.4	79.4	84.1	112.2	119.9
	2024	114.1	103.7	92.7	96.1	109.9	116.6	119.6	122.0	114.8	104.2	80.3	85.1	114.1	122.0
	2025	115.5	104.9	93.8	97.2	111.2	117.9	121.0	123.4	116.2	105.4	81.4	86.2	115.5	123.4
	2026	117.0	106.3	95.0	98.5	112.7	119.5	122.7	125.1	117.7	106.8	82.4	87.3	117.0	125.1
	2027	118.5	107.7	96.3	99.8	114.1	121.1	124.3	126.7	119.3	108.2	83.6	88.6	118.5	126.7
	2028	120.2	109.2	97.6	101.2	115.8	122.8	126.0	128.5	121.0	109.8	84.3	89.3	120.2	128.5
Projected	2029	121.2	110.2	98.5	102.1	116.7	123.8	127.1	129.6	122.0	110.7	85.2	90.3	121.2	129.6
	2030	122.6	111.4	99.5	103.2	118.0	125.2	128.5	131.0	123.3	111.9	86.1	91.3	122.6	131.0
	2031	123.9	112.6	100.6	104.3	119.3	126.5	129.9	132.4	124.7	113.1	87.1	92.3	123.9	132.4
	2032	125.3	113.9	101.8	105.5	120.7	128.0	131.4	133.9	126.1	114.4	87.7	93.0	125.3	133.9
	2033	126.2	114.6	102.5	106.2	121.5	128.9	132.3	134.8	126.9	115.2	88.4	93.7	126.2	134.8
	2034	127.2	115.6	103.3	107.1	122.5	129.9	133.3	135.9	128.0	116.1	89.1	94.4	127.2	135.9
	2035	128.2	116.4	104.1	107.9	123.4	130.9	134.4	137.0	129.0	117.0	90.1	95.4	128.2	137.0
	2036	129.5	117.7	105.2	109.1	124.7	132.3	135.8	138.4	130.3	118.2	90.5	95.9	129.5	138.4
	2037	130.2	118.3	105.7	109.6	125.3	133.0	136.4	139.1	131.0	118.8	91.1	96.6	130.2	139.1
	2038	131.1	119.1	106.4	110.4	126.2	133.9	137.4	140.1	131.9	119.7	91.8	97.2	131.1	140.1

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	50.1%	50.0%	56.2%	60.1%	68.0%	59.9%	66.4%	64.2%	67.1%	58.2%	67.6%	65.3%	50.2%	51.9%
	2010	55.7%	64.0%	57.3%	64.0%	73.5%	63.5%	67.1%	64.3%	64.5%	58.0%	65.0%	59.8%	54.1%	54.6%
	2011	52.7%	59.7%	70.9%	55.6%	68.9%	60.2%	66.1%	64.2%	63.6%	60.7%	65.6%	72.7%	51.4%	51.4%
	2012	52.8%	53.1%	65.5%	60.4%	72.3%	58.0%	67.7%	62.6%	61.7%	59.6%	69.4%	69.6%	57.6%	53.9%
	2013	70.1%	60.1%	55.1%	60.9%	69.2%	60.5%	64.1%	64.7%	63.7%	62.0%	60.4%	72.1%	63.1%	53.9%
	2014	61.2%	59.5%	71.5%	56.8%	67.5%	60.6%	68.1%	64.9%	59.3%	57.8%	56.5%	67.9%	58.3%	53.2%
	2015	58.5%	51.2%	64.3%	62.6%	68.5%	58.5%	65.6%	60.9%	62.1%	57.9%	56.0%	69.3%	55.0%	51.4%
	2016	54.8%	52.7%	60.4%	54.2%	67.6%	62.2%	67.2%	64.4%	63.6%	60.2%	60.1%	65.1%	60.9%	50.4%
	2017	55.7%	61.6%	59.9%	52.6%	65.7%	57.6%	64.3%	64.3%	61.4%	57.1%	61.4%	59.2%	66.0%	51.2%
	2018	51.4%	61.8%	65.0%	61.5%	64.4%	60.1%	63.4%	64.5%	65.8%	57.3%	63.8%	67.9%	49.8%	52.0%
Projected	2019	51.9%	54.0%	57.2%	57.9%	67.1%	61.2%	64.5%	63.5%	62.7%	58.5%	64.2%	67.9%	55.6%	52.0%
	2020	52.0%	53.9%	57.1%	57.9%	66.9%	61.0%	64.2%	63.3%	62.4%	58.3%	64.2%	67.9%	55.6%	52.0%
	2021	52.0%	54.1%	57.2%	58.0%	67.1%	61.2%	64.4%	63.5%	62.6%	58.5%	64.3%	67.9%	55.6%	52.0%
	2022	52.1%	54.2%	57.3%	58.0%	67.1%	61.2%	64.4%	63.5%	62.6%	58.4%	64.4%	68.0%	55.6%	52.0%
	2023	52.1%	54.2%	57.3%	58.0%	67.1%	61.2%	64.4%	63.4%	62.6%	58.4%	64.3%	67.9%	55.6%	52.0%
	2024	52.0%	54.0%	57.2%	57.9%	66.9%	61.0%	64.3%	63.3%	62.4%	58.3%	64.4%	68.1%	55.6%	52.0%
	2025	52.2%	54.3%	57.3%	58.0%	67.1%	61.2%	64.4%	63.4%	62.6%	58.4%	64.4%	68.1%	55.6%	52.0%
	2026	52.2%	54.3%	57.3%	58.0%	67.1%	61.2%	64.4%	63.4%	62.6%	58.4%	64.5%	68.1%	55.6%	52.0%
	2027	52.2%	54.3%	57.3%	58.0%	67.1%	61.2%	64.4%	63.4%	62.6%	58.4%	64.4%	68.0%	55.6%	52.0%
	2028	52.1%	54.1%	57.2%	57.9%	67.0%	61.1%	64.2%	63.3%	62.4%	58.2%	64.6%	68.2%	55.6%	52.0%
Avg.	2009-2018	56.3%	57.4%	62.6%	58.9%	68.6%	60.1%	66.0%	63.9%	63.3%	58.9%	62.6%	66.9%	56.7%	52.4%
	2019-2028	52.1%	54.1%	57.3%	58.0%	67.0%	61.1%	64.4%	63.4%	62.5%	58.4%	64.4%	68.0%	55.6%	52.0%

FMPA 2019 Load Forecast - High Economic Case

Leesburg

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	118.0	116.5	90.8	83.1	98.7	114.2	101.7	105.5	96.3	100.7	59.9	80.8	116.5	114.2
	2010	108.3	88.9	78.9	69.1	91.1	98.8	100.4	102.8	94.2	83.8	65.4	105.3	108.3	98.8
	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	93.1	70.8	75.5	115.3	109.0
Projected	2019	103.9	94.8	82.3	86.5	97.9	102.8	106.4	109.5	102.6	94.2	72.2	76.9	103.9	109.5
	2020	105.9	96.7	83.9	88.1	99.8	104.7	108.4	111.6	104.5	96.0	73.4	78.2	105.9	111.6
	2021	107.7	98.3	85.3	89.6	101.5	106.5	110.3	113.5	106.3	97.6	74.8	79.7	107.7	113.5
	2022	109.7	100.2	86.9	91.3	103.4	108.5	112.4	115.6	108.3	99.5	76.0	81.0	109.7	115.6
	2023	111.5	101.8	88.3	92.8	105.0	110.3	114.2	117.5	110.1	101.1	77.3	82.4	111.5	117.5
	2024	113.4	103.5	89.8	94.4	106.8	112.2	116.2	119.5	112.0	102.8	78.2	83.4	113.4	119.5
	2025	114.8	104.7	90.9	95.5	108.1	113.5	117.5	120.9	113.3	104.0	79.3	84.5	114.8	120.9
	2026	116.3	106.1	92.1	96.8	109.5	115.0	119.1	122.5	114.8	105.4	80.3	85.6	116.3	122.5
	2027	117.8	107.5	93.3	98.0	111.0	116.5	120.6	124.1	116.3	106.8	81.4	86.8	117.8	124.1
	2028	119.5	109.0	94.6	99.4	112.5	118.1	122.4	125.9	117.9	108.3	82.1	87.5	119.5	125.9
Projected	2029	120.5	110.0	95.4	100.3	113.5	119.1	123.4	126.9	118.9	109.2	83.0	88.5	120.5	126.9
	2030	121.8	111.2	96.5	101.4	114.7	120.4	124.7	128.3	120.2	110.4	83.9	89.4	121.8	128.3
	2031	123.1	112.4	97.5	102.4	116.0	121.7	126.1	129.7	121.5	111.6	84.9	90.5	123.1	129.7
	2032	124.5	113.7	98.6	103.6	117.3	123.1	127.5	131.2	122.9	112.9	85.5	91.1	124.5	131.2
	2033	125.4	114.4	99.3	104.3	118.1	124.0	128.4	132.1	123.8	113.6	86.1	91.8	125.4	132.1
	2034	126.4	115.4	100.1	105.2	119.0	125.0	129.4	133.2	124.8	114.6	86.8	92.5	126.4	133.2
	2035	127.4	116.2	100.9	106.0	120.0	125.9	130.4	134.2	125.7	115.4	87.7	93.5	127.4	134.2
	2036	128.7	117.5	101.9	107.1	121.2	127.3	131.8	135.6	127.0	116.7	88.2	94.0	128.7	135.6
	2037	129.4	118.1	102.4	107.6	121.8	127.9	132.5	136.3	127.7	117.2	88.8	94.6	129.4	136.3
	2038	130.3	118.9	103.1	108.4	122.7	128.8	133.4	137.2	128.6	118.1	89.4	95.3	130.3	137.2

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	96.1%	99.2%	97.3%	98.1%	91.4%	100.0%	98.7%	100.0%
	2010	97.6%	98.2%	98.1%	92.3%	92.7%	92.0%	93.2%	93.5%	90.9%	91.8%	93.2%	98.6%	97.6%	89.8%
	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%	98.7%	97.4%	98.0%	100.0%	98.6%
Projected	2019	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2020	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2021	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2022	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2023	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2024	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2025	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2026	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2027	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2028	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2009-2018	98.6%	99.6%	94.9%	97.4%	96.6%	94.0%	95.5%	96.4%	96.3%	98.0%	95.2%	96.6%	97.0%	95.6%
	2019-2028	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%

FMPA 2019 Load Forecast - High Economic Case - Leesburg

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	210,507		17,666		11,916		269,245		3,127		86.1		14,883		8,005		502,640		20,267	3.9%	522,907	
	2010	227,653	8.1%	17,719	0.3%	12,848	7.8%	253,879	-5.7%	3,066	-1.9%	82.8	-3.8%	15,186	2.0%	7,681	-4.0%	504,399	0.4%	17,933	3.4%	522,333	-0.1%
	2011	218,688	-3.9%	17,795	0.4%	12,289	-4.4%	239,294	-5.7%	3,011	-1.8%	79.5	-4.0%	15,695	3.4%	7,623	-0.8%	481,300	-4.6%	18,270	3.7%	499,570	-4.4%
	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%
Projected	2019	244,841	1.3%	21,745	1.4%	11,259	-0.1%	219,477	1.5%	3,328	0.8%	65.9	0.7%	16,628	3.9%	7,946	0.0%	488,892	1.4%	17,744	3.5%	506,636	0.9%
	2020	247,078	0.9%	22,196	2.1%	11,132	-1.1%	223,991	2.1%	3,406	2.4%	65.8	-0.3%	16,976	2.1%	7,946	0.0%	495,991	1.5%	21,354	4.1%	517,345	2.1%
	2021	251,770	1.9%	22,441	1.1%	11,219	0.8%	228,276	1.9%	3,457	1.5%	66.0	0.4%	17,277	1.8%	7,946	0.0%	505,269	1.9%	20,574	3.9%	525,842	1.6%
	2022	257,358	2.2%	22,675	1.0%	11,350	1.2%	232,082	1.7%	3,503	1.3%	66.3	0.3%	17,560	1.6%	7,946	0.0%	514,946	1.9%	20,961	3.9%	535,907	1.9%
	2023	262,033	1.8%	22,895	1.0%	11,445	0.8%	235,795	1.6%	3,546	1.2%	66.5	0.3%	17,834	1.6%	7,946	0.0%	523,607	1.7%	21,302	3.9%	544,909	1.7%
	2024	266,067	1.5%	23,104	0.9%	11,516	0.6%	239,345	1.5%	3,589	1.2%	66.7	0.3%	18,099	1.5%	7,946	0.0%	531,457	1.5%	22,883	4.1%	554,340	1.7%
	2025	269,881	1.4%	23,306	0.9%	11,580	0.6%	242,799	1.4%	3,630	1.2%	66.9	0.3%	18,357	1.4%	7,946	0.0%	538,983	1.4%	21,920	3.9%	560,903	1.2%
	2026	273,533	1.4%	23,501	0.8%	11,639	0.5%	246,182	1.4%	3,670	1.1%	67.1	0.3%	18,612	1.4%	7,946	0.0%	546,272	1.4%	22,215	3.9%	568,487	1.4%
	2027	277,186	1.3%	23,688	0.8%	11,702	0.5%	249,431	1.3%	3,709	1.1%	67.2	0.3%	18,856	1.3%	7,946	0.0%	553,419	1.3%	22,503	3.9%	575,922	1.3%
	2028	280,562	1.2%	23,870	0.8%	11,754	0.4%	252,582	1.3%	3,748	1.0%	67.4	0.2%	19,094	1.3%	7,946	0.0%	560,184	1.2%	24,110	4.1%	584,294	1.5%
	2029	283,454	1.0%	24,046	0.7%	11,788	0.3%	255,654	1.2%	3,785	1.0%	67.5	0.2%	19,327	1.2%	7,946	0.0%	566,381	1.1%	23,022	3.9%	589,403	0.9%
	2030	286,292	1.0%	24,217	0.7%	11,822	0.3%	258,634	1.2%	3,821	1.0%	67.7	0.2%	19,553	1.2%	7,946	0.0%	572,425	1.1%	23,270	3.9%	595,695	1.1%
	2031	289,593	1.2%	24,380	0.7%	11,878	0.5%	261,440	1.1%	3,855	0.9%	67.8	0.2%	19,766	1.1%	7,946	0.0%	578,745	1.1%	23,524	3.9%	602,270	1.1%
	2032	292,369	1.0%	24,534	0.6%	11,917	0.3%	264,016	1.0%	3,888	0.8%	67.9	0.2%	19,964	1.0%	7,946	0.0%	584,295	1.0%	25,137	4.1%	609,432	1.2%
	2033	294,907	0.9%	24,684	0.6%	11,947	0.3%	266,477	0.9%	3,918	0.8%	68.0	0.1%	20,154	0.9%	7,946	0.0%	589,484	0.9%	23,956	3.9%	613,440	0.7%
	2034	297,388	0.8%	24,832	0.6%	11,976	0.2%	268,864	0.9%	3,949	0.8%	68.1	0.1%	20,338	0.9%	7,946	0.0%	594,537	0.9%	24,155	3.9%	618,692	0.9%
	2035	299,285	0.6%	24,978	0.6%	11,982	0.0%	271,226	0.9%	3,978	0.8%	68.2	0.1%	20,521	0.9%	7,946	0.0%	598,978	0.7%	24,337	3.9%	623,315	0.7%
	2036	301,742	0.8%	25,120	0.6%	12,012	0.2%	273,547	0.9%	4,008	0.7%	68.3	0.1%	20,701	0.9%	7,946	0.0%	603,936	0.8%	25,980	4.1%	629,915	1.1%
	2037	303,995	0.7%	25,259	0.6%	12,035	0.2%	275,712	0.8%	4,036	0.7%	68.3	0.1%	20,870	0.8%	7,946	0.0%	608,523	0.8%	24,722	3.9%	633,245	0.5%
	2038	306,029	0.7%	25,399	0.6%	12,049	0.1%	277,714	0.7%	4,062	0.7%	68.4	0.1%	21,028	0.8%	7,946	0.0%	612,718	0.7%	24,892	3.9%	637,610	0.7%
CAGR	2009-2018		1.5%		2.2%		-0.6%		-2.4%		0.6%		-3.0%		0.8%		-0.1%		-0.5%		3.7%		-0.5%
	2019-2028		1.5%		1.0%		0.5%		1.6%		1.3%		0.2%		1.5%		0.0%		1.5%		3.9%		1.6%
	2029-2038		0.9%		0.6%		0.2%		0.9%		0.8%		0.1%		0.9%		0.0%		0.9%		3.9%		0.9%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - Mild Weather Case

Leesburg

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	522,907	-	522,696	-	0.0%	116.5	-	110.3	-	-5.3%	114.2	-	111.8		-2.1%
	2010	522,333	-0.1%	497,336	-4.9%	-4.8%	108.3	-7.0%	96.8	-12.3%	-10.6%	98.8	-13.5%	104.1	-6.9%	5.4%
	2011	499,570	-4.4%	483,728	-2.7%	-3.2%	105.3	-2.8%	105.3	8.8%	0.0%	100.0	1.2%	99.0	-4.9%	-1.0%
	2012	469,153	-6.1%	476,631	-1.5%	1.6%	90.6	-14.0%	93.4	-11.3%	3.2%	89.7	-10.3%	106.5	7.6%	18.8%
	2013	468,646	-0.1%	472,961	-0.8%	0.9%	80.8	-10.8%	87.9	-6.0%	8.7%	90.5	0.9%	94.9	-10.9%	4.9%
	2014	465,764	-0.6%	460,586	-2.6%	-1.1%	89.4	10.5%	101.5	15.5%	13.6%	95.8	5.9%	94.3	-0.7%	-1.6%
	2015	478,866	2.8%	465,723	1.1%	-2.7%	100.1	12.0%	109.6	8.0%	9.5%	105.6	10.2%	106.1	12.5%	0.4%
	2016	492,572	2.9%	477,060	2.4%	-3.1%	84.7	-15.4%	97.0	-11.5%	14.6%	110.9	5.0%	106.4	0.3%	-4.1%
	2017	484,786	-1.6%	490,640	2.8%	1.2%	78.8	-6.9%	99.2	2.2%	25.9%	108.4	-2.3%	116.3	9.3%	7.3%
	2018	502,040	3.6%	499,548	1.8%	-0.5%	115.3	46.3%	120.3	21.3%	4.3%	109.0	0.6%	115.1	-1.0%	5.6%
Projected	2019	486,709	-3.1%	486,709	-2.6%		99.6	-13.6%	99.6	-17.2%		105.0	-3.7%	105.0	-8.8%	
	2020			490,819	0.8%				100.3	0.7%				105.7	0.7%	
	2021			494,062	0.7%				101.1	0.7%				106.5	0.7%	
	2022			498,962	1.0%				102.1	1.0%				107.5	1.0%	
	2023			503,764	1.0%				103.0	0.9%				108.6	0.9%	
	2024			509,572	1.2%				104.2	1.2%				109.8	1.2%	
	2025			512,997	0.7%				104.9	0.7%				110.5	0.7%	
	2026			517,561	0.9%				105.8	0.9%				111.5	0.9%	
	2027			522,122	0.9%				106.8	0.9%				112.5	0.9%	
	2028			527,653	1.1%				107.9	1.0%				113.7	1.0%	
	2029			530,311	0.5%				108.4	0.5%				114.2	0.5%	
	2030			534,134	0.7%				109.2	0.7%				115.1	0.7%	
	2031			538,238	0.8%				110.0	0.7%				115.9	0.7%	
	2032			542,936	0.9%				110.9	0.8%				116.9	0.8%	
	2033			544,858	0.4%				111.4	0.4%				117.3	0.4%	
	2034			547,935	0.6%				111.9	0.5%				117.9	0.5%	
	2035			550,523	0.5%				112.5	0.5%				118.5	0.5%	
	2036			554,871	0.8%				113.4	0.8%				119.5	0.8%	
	2037			556,348	0.3%				113.7	0.2%				119.7	0.2%	
	2038			558,780	0.4%				114.2	0.4%				120.3	0.4%	
CAGR [3]	2009-2018		-0.5%		-0.5%			-0.1%		1.0%			-0.5%		0.3%	
	2019-2028				0.9%					0.9%					0.9%	
	2029-2038				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 2019 Load Forecast - Mild Weather Case

Leesburg

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	522,907	-	522,696	-	0.0%	118.0	-	50.6%	114.2	-	52.3%
	2010	522,333	-0.1%	497,336	-4.9%	-4.8%	111.0	-6.0%	53.7%	110.0	-3.7%	54.2%
	2011	499,570	-4.4%	483,728	-2.7%	-3.2%	106.8	-3.7%	53.4%	106.6	-3.0%	53.5%
	2012	469,153	-6.1%	476,631	-1.5%	1.6%	94.0	-11.9%	56.9%	100.5	-5.8%	53.3%
	2013	468,646	-0.1%	472,961	-0.8%	0.9%	84.5	-10.1%	63.3%	99.0	-1.4%	54.0%
	2014	465,764	-0.6%	460,586	-2.6%	-1.1%	91.2	8.0%	58.3%	100.0	1.0%	53.2%
	2015	478,866	2.8%	465,723	1.1%	-2.7%	100.1	9.7%	54.6%	107.1	7.1%	51.0%
	2016	492,572	2.9%	477,060	2.4%	-3.1%	91.8	-8.3%	61.3%	110.9	3.6%	50.7%
	2017	484,786	-1.6%	490,640	2.8%	1.2%	84.8	-7.7%	65.3%	109.3	-1.5%	50.6%
	2018	502,040	3.6%	499,548	1.8%	-0.5%	115.3	36.0%	49.7%	110.5	1.1%	51.9%
Projected	2019	486,709	-3.1%	486,709	-2.6%		100.2	-13.1%	55.4%	107.1	-3.1%	51.9%
	2020	490,819	0.8%	490,819	0.8%		100.9	0.7%	55.5%	107.9	0.7%	51.9%
	2021	494,062	0.7%	494,062	0.7%		101.7	0.7%	55.5%	108.7	0.7%	51.9%
	2022	498,962	1.0%	498,962	1.0%		102.7	1.0%	55.5%	109.8	1.0%	51.9%
	2023	503,764	1.0%	503,764	1.0%		103.7	0.9%	55.5%	110.8	0.9%	51.9%
	2024	509,572	1.2%	509,572	1.2%		104.9	1.2%	55.5%	112.1	1.2%	51.9%
	2025	512,997	0.7%	512,997	0.7%		105.6	0.7%	55.5%	112.8	0.7%	51.9%
	2026	517,561	0.9%	517,561	0.9%		106.5	0.9%	55.5%	113.8	0.9%	51.9%
	2027	522,122	0.9%	522,122	0.9%		107.4	0.9%	55.5%	114.8	0.9%	51.9%
	2028	527,653	1.1%	527,653	1.1%		108.5	1.0%	55.5%	116.0	1.0%	51.9%
	2029	530,311	0.5%	530,311	0.5%		109.1	0.5%	55.5%	116.6	0.5%	51.9%
	2030	534,134	0.7%	534,134	0.7%		109.9	0.7%	55.5%	117.4	0.7%	51.9%
	2031	538,238	0.8%	538,238	0.8%		110.7	0.7%	55.5%	118.3	0.7%	51.9%
	2032	542,936	0.9%	542,936	0.9%		111.6	0.8%	55.5%	119.3	0.8%	51.9%
	2033	544,858	0.4%	544,858	0.4%		112.0	0.4%	55.5%	119.8	0.4%	51.9%
	2034	547,935	0.6%	547,935	0.6%		112.6	0.5%	55.5%	120.4	0.5%	52.0%
	2035	550,523	0.5%	550,523	0.5%		113.2	0.5%	55.5%	121.0	0.5%	51.9%
	2036	554,871	0.8%	554,871	0.8%		114.1	0.8%	55.5%	121.9	0.8%	52.0%
	2037	556,348	0.3%	556,348	0.3%		114.4	0.2%	55.5%	122.2	0.2%	52.0%
	2038	558,780	0.4%	558,780	0.4%		114.9	0.4%	55.5%	122.8	0.4%	52.0%
CAGR [1]	2009-2018		-0.5%		-0.5%			-0.3%	56.7%		-0.4%	52.5%
	2019-2028		0.9%		0.9%			0.9%	55.5%		0.9%	51.9%
	2029-2038		0.6%		0.6%			0.6%	55.5%		0.6%	51.9%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Mild Weather Case

Leesburg

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	43,992	39,102	37,991	37,199	45,145	50,872	50,598	50,815	47,826	44,477	32,941	37,987	518,944	522,907
	2010	45,946	38,902	34,292	35,684	48,541	50,682	52,099	52,653	48,130	39,357	33,974	45,970	526,229	522,333
	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	40,271	34,519	34,380	500,066	502,040
Projected	2019	36,041	32,215	36,548	37,783	45,098	46,315	48,293	50,060	45,186	41,080	34,946	34,525	488,090	486,709
	2020	36,276	33,539	36,721	37,947	45,273	46,468	48,451	50,234	45,358	41,285	35,169	34,786	491,507	490,819
	2021	36,578	32,705	37,072	38,320	45,726	46,935	48,936	50,736	45,813	41,703	35,527	35,140	495,191	494,062
	2022	36,945	33,030	37,437	38,694	46,174	47,392	49,414	51,236	46,269	42,117	35,879	35,487	500,076	498,962
	2023	37,308	33,353	37,801	39,067	46,617	47,842	49,878	51,714	46,699	42,507	36,212	35,817	504,817	503,764
	2024	37,652	34,838	38,151	39,428	47,047	48,280	50,332	52,184	47,124	42,895	36,545	36,147	510,623	509,572
	2025	37,997	33,972	38,499	39,786	47,473	48,713	50,780	52,647	47,541	43,275	36,870	36,469	514,024	512,997
	2026	38,335	34,276	38,843	40,142	47,898	49,147	51,230	53,114	47,963	43,661	37,201	36,797	518,606	517,561
	2027	38,678	34,582	39,188	40,497	48,320	49,576	51,674	53,572	48,376	44,036	37,520	37,112	523,131	522,122
	2028	39,006	36,092	39,517	40,833	48,718	49,978	52,088	53,996	48,756	44,380	37,814	37,402	528,581	527,653
Projected	2029	39,306	35,141	39,814	41,136	49,075	50,335	52,452	54,367	49,088	44,680	38,071	37,655	531,122	530,311
	2030	39,575	35,388	40,098	41,433	49,434	50,707	52,844	54,780	49,468	45,033	38,377	37,962	535,099	534,134
	2031	39,894	35,669	40,412	41,753	49,812	51,088	53,235	55,179	49,823	45,351	38,645	38,224	539,086	538,238
	2032	40,163	37,161	40,677	42,022	50,126	51,402	53,553	55,502	50,109	45,607	38,861	38,435	543,620	542,936
	2033	40,388	36,112	40,912	42,267	50,423	51,709	53,877	55,843	50,422	45,897	39,112	38,686	545,648	544,858
	2034	40,643	36,334	41,155	42,510	50,703	51,983	54,148	56,111	50,654	46,101	39,283	38,851	548,475	547,935
	2035	40,819	36,498	41,345	42,711	50,948	52,236	54,416	56,396	50,919	46,350	39,502	39,074	551,214	550,523
	2036	41,052	37,988	41,579	42,951	51,233	52,525	54,715	56,705	51,197	46,602	39,718	39,287	555,552	554,871
	2037	41,271	36,899	41,793	43,167	51,485	52,776	54,968	56,960	51,422	46,803	39,887	39,452	556,884	556,348
	2038	41,445	37,058	41,974	43,356	51,712	53,009	55,213	57,216	51,655	47,018	40,073	39,636	559,365	558,780

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.5%	7.5%	7.3%	7.2%	8.7%	9.8%	9.8%	9.8%	9.2%	8.6%	6.3%	7.3%	100.0%
	2010	8.7%	7.4%	6.5%	6.8%	9.2%	9.6%	9.9%	10.0%	9.1%	7.5%	6.5%	8.7%	100.0%
	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	8.8%	6.6%	6.9%	7.2%	8.4%	9.5%	9.8%	10.6%	10.3%	8.1%	6.9%	6.9%	100.0%
Projected	2019	7.4%	6.6%	7.5%	7.7%	9.2%	9.5%	9.9%	10.3%	9.3%	8.4%	7.2%	7.1%	100.0%
	2020	7.4%	6.8%	7.5%	7.7%	9.2%	9.5%	9.9%	10.2%	9.2%	8.4%	7.2%	7.1%	100.0%
	2021	7.4%	6.6%	7.5%	7.7%	9.2%	9.5%	9.9%	10.2%	9.3%	8.4%	7.2%	7.1%	100.0%
	2022	7.4%	6.6%	7.5%	7.7%	9.2%	9.5%	9.9%	10.2%	9.3%	8.4%	7.2%	7.1%	100.0%
	2023	7.4%	6.6%	7.5%	7.7%	9.2%	9.5%	9.9%	10.2%	9.3%	8.4%	7.2%	7.1%	100.0%
	2024	7.4%	6.8%	7.5%	7.7%	9.2%	9.5%	9.9%	10.2%	9.2%	8.4%	7.2%	7.1%	100.0%
	2025	7.4%	6.6%	7.5%	7.7%	9.2%	9.5%	9.9%	10.2%	9.2%	8.4%	7.2%	7.1%	100.0%
	2026	7.4%	6.6%	7.5%	7.7%	9.2%	9.5%	9.9%	10.2%	9.2%	8.4%	7.2%	7.1%	100.0%
	2027	7.4%	6.6%	7.5%	7.7%	9.2%	9.5%	9.9%	10.2%	9.2%	8.4%	7.2%	7.1%	100.0%
	2028	7.4%	6.8%	7.5%	7.7%	9.2%	9.5%	9.9%	10.2%	9.2%	8.4%	7.2%	7.1%	100.0%
Avg.	2009-2018	8.1%	6.9%	7.2%	7.6%	8.9%	9.5%	10.0%	10.2%	9.4%	8.0%	6.7%	7.4%	100.0%
	2019-2028	7.4%	6.7%	7.5%	7.7%	9.2%	9.5%	9.9%	10.2%	9.2%	8.4%	7.2%	7.1%	100.0%

1	2	3	4	5	6	7	8	9	10	11	12

FMPA 2019 Load Forecast - Mild Weather Case

Leesburg

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	118.0	116.5	90.8	83.1	98.7	114.2	105.8	106.4	99.0	102.6	65.5	80.8	118.0	114.2
	2010	111.0	90.5	80.4	74.9	98.2	107.3	107.8	110.0	103.7	91.2	70.2	106.8	111.0	110.0
	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	94.4	69.7	73.8	115.3	110.5
Projected	2019	100.2	91.1	81.4	84.4	96.5	102.4	105.1	107.1	100.9	91.5	70.2	74.4	100.2	107.1
	2020	100.9	91.7	82.0	85.0	97.2	103.1	105.8	107.9	101.6	92.2	70.7	74.9	100.9	107.9
	2021	101.7	92.4	82.6	85.6	97.9	103.9	106.6	108.7	102.3	92.8	71.4	75.7	101.7	108.7
	2022	102.7	93.3	83.4	86.5	98.9	104.9	107.7	109.8	103.3	93.8	72.1	76.4	102.7	109.8
	2023	103.7	94.2	84.2	87.3	99.8	105.9	108.7	110.8	104.3	94.6	72.9	77.3	103.7	110.8
	2024	104.9	95.3	85.2	88.3	101.0	107.1	109.9	112.1	105.5	95.7	73.4	77.8	104.9	112.1
	2025	105.6	95.9	85.7	88.9	101.6	107.8	110.7	112.8	106.2	96.4	74.1	78.5	105.6	112.8
	2026	106.5	96.8	86.5	89.7	102.5	108.8	111.6	113.8	107.2	97.2	74.7	79.1	106.5	113.8
	2027	107.4	97.6	87.2	90.5	103.4	109.7	112.6	114.8	108.1	98.1	75.5	80.0	107.4	114.8
	2028	108.5	98.6	88.1	91.4	104.5	110.9	113.8	116.0	109.2	99.1	75.8	80.4	108.5	116.0
Projected	2029	109.1	99.1	88.6	91.9	105.0	111.4	114.3	116.6	109.8	99.6	76.4	81.0	109.1	116.6
	2030	109.9	99.8	89.2	92.5	105.8	112.2	115.2	117.4	110.6	100.3	77.0	81.6	109.9	117.4
	2031	110.7	100.6	89.9	93.2	106.6	113.1	116.1	118.3	111.4	101.1	77.6	82.2	110.7	118.3
	2032	111.6	101.4	90.7	94.0	107.5	114.0	117.0	119.3	112.3	101.9	77.9	82.6	111.6	119.3
	2033	112.0	101.8	91.0	94.4	107.9	114.5	117.5	119.8	112.8	102.3	78.3	83.0	112.0	119.8
	2034	112.6	102.3	91.5	94.9	108.5	115.1	118.1	120.4	113.3	102.8	78.7	83.4	112.6	120.4
	2035	113.2	102.8	91.9	95.3	109.0	115.6	118.7	121.0	113.9	103.3	79.3	84.1	113.2	121.0
	2036	114.1	103.7	92.6	96.1	109.9	116.5	119.6	121.9	114.8	104.2	79.5	84.3	114.1	121.9
	2037	114.4	103.9	92.9	96.3	110.1	116.8	119.9	122.2	115.1	104.4	79.9	84.6	114.4	122.2
	2038	114.9	104.4	93.3	96.7	110.6	117.3	120.4	122.8	115.6	104.9	80.2	85.0	114.9	122.8

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	50.1%	50.0%	56.2%	60.1%	68.0%	59.9%	66.4%	64.2%	67.1%	58.2%	67.6%	65.3%	50.2%	51.9%
	2010	55.7%	64.0%	57.3%	64.0%	73.5%	63.5%	67.1%	64.3%	64.5%	58.0%	65.0%	59.8%	54.1%	54.6%
	2011	52.7%	59.7%	70.9%	55.6%	68.9%	60.2%	66.1%	64.2%	63.6%	60.7%	65.6%	72.7%	51.4%	51.4%
	2012	52.8%	53.1%	65.5%	60.4%	72.3%	58.0%	67.7%	62.6%	61.7%	59.6%	69.4%	69.6%	57.6%	53.9%
	2013	70.1%	60.1%	55.1%	60.9%	69.2%	60.5%	64.1%	64.7%	63.7%	62.0%	60.4%	72.1%	63.1%	53.9%
	2014	61.2%	59.5%	71.5%	56.8%	67.5%	60.6%	68.1%	64.9%	59.3%	57.8%	56.5%	67.9%	58.3%	53.2%
	2015	58.5%	51.2%	64.3%	62.6%	68.5%	58.5%	65.6%	60.9%	62.1%	57.9%	56.0%	69.3%	55.0%	51.4%
	2016	54.8%	52.7%	60.4%	54.2%	67.6%	62.2%	67.2%	64.4%	63.6%	60.2%	60.1%	65.1%	60.9%	50.4%
	2017	55.7%	61.6%	59.9%	52.6%	65.7%	57.6%	64.3%	64.3%	61.4%	57.1%	61.4%	59.2%	66.0%	51.2%
	2018	51.4%	61.8%	65.0%	61.5%	64.4%	60.1%	63.4%	64.5%	65.8%	57.3%	66.6%	64.7%	49.5%	51.7%
Projected	2019	48.3%	52.6%	60.4%	60.2%	69.5%	60.8%	63.8%	62.8%	62.2%	60.3%	66.9%	64.5%	55.6%	52.0%
	2020	48.3%	52.5%	60.2%	60.0%	69.3%	60.6%	63.6%	62.6%	62.0%	60.2%	66.8%	64.5%	55.6%	52.0%
	2021	48.4%	52.7%	60.3%	60.1%	69.5%	60.7%	63.8%	62.7%	62.2%	60.4%	66.9%	64.5%	55.6%	52.0%
	2022	48.4%	52.7%	60.3%	60.1%	69.5%	60.7%	63.7%	62.7%	62.2%	60.4%	66.9%	64.5%	55.6%	52.0%
	2023	48.4%	52.7%	60.4%	60.1%	69.5%	60.7%	63.7%	62.7%	62.2%	60.4%	66.8%	64.4%	55.6%	52.0%
	2024	48.3%	52.5%	60.2%	60.0%	69.3%	60.6%	63.6%	62.6%	62.0%	60.2%	66.9%	64.6%	55.6%	52.0%
	2025	48.4%	52.7%	60.4%	60.2%	69.5%	60.7%	63.7%	62.7%	62.2%	60.4%	66.9%	64.6%	55.6%	52.0%
	2026	48.4%	52.7%	60.4%	60.2%	69.5%	60.7%	63.7%	62.7%	62.2%	60.4%	66.9%	64.6%	55.6%	52.0%
	2027	48.4%	52.7%	60.4%	60.2%	69.5%	60.7%	63.7%	62.7%	62.2%	60.3%	66.8%	64.5%	55.6%	52.0%
	2028	48.3%	52.6%	60.3%	60.0%	69.4%	60.6%	63.6%	62.6%	62.0%	60.2%	67.0%	64.6%	55.6%	52.0%
Avg.	2009-2018	56.3%	57.4%	62.6%	58.9%	68.6%	60.1%	66.0%	63.9%	63.3%	58.9%	62.9%	66.6%	56.6%	52.4%
	2019-2028	48.3%	52.6%	60.3%	60.1%	69.5%	60.7%	63.7%	62.7%	62.1%	60.3%	66.9%	64.5%	55.6%	52.0%

FMPA 2019 Load Forecast - Mild Weather Case

Leesburg

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	118.0	116.5	90.8	83.1	98.7	114.2	101.7	105.5	96.3	100.7	59.9	80.8	116.5	114.2
	2010	108.3	88.9	78.9	69.1	91.1	98.8	100.4	102.8	94.2	83.8	65.4	105.3	108.3	98.8
	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	93.1	67.9	72.4	115.3	109.0
Projected	2019	99.6	90.9	78.9	82.9	93.8	98.5	102.0	105.0	98.3	90.3	68.4	72.9	99.6	105.0
	2020	100.3	91.5	79.4	83.5	94.5	99.2	102.7	105.7	99.0	90.9	68.9	73.4	100.3	105.7
	2021	101.1	92.2	80.0	84.1	95.2	99.9	103.5	106.5	99.8	91.6	69.6	74.1	101.1	106.5
	2022	102.1	93.1	80.8	84.9	96.1	100.9	104.5	107.5	100.7	92.5	70.2	74.8	102.1	107.5
	2023	103.0	94.0	81.6	85.7	97.0	101.9	105.5	108.6	101.7	93.4	71.0	75.7	103.0	108.6
	2024	104.2	95.1	82.5	86.7	98.2	103.0	106.7	109.8	102.9	94.5	71.5	76.2	104.2	109.8
	2025	104.9	95.7	83.1	87.3	98.8	103.7	107.4	110.5	103.6	95.1	72.1	76.9	104.9	110.5
	2026	105.8	96.6	83.8	88.1	99.7	104.7	108.4	111.5	104.5	95.9	72.8	77.6	105.8	111.5
	2027	106.8	97.4	84.5	88.8	100.6	105.6	109.3	112.5	105.4	96.8	73.5	78.4	106.8	112.5
	2028	107.9	98.5	85.4	89.8	101.6	106.7	110.5	113.7	106.5	97.8	73.9	78.7	107.9	113.7
Projected	2029	108.4	98.9	85.8	90.2	102.1	107.2	111.0	114.2	107.0	98.2	74.4	79.3	108.4	114.2
	2030	109.2	99.7	86.5	90.9	102.9	108.0	111.8	115.1	107.8	99.0	75.0	79.9	109.2	115.1
	2031	110.0	100.4	87.1	91.5	103.6	108.8	112.7	115.9	108.6	99.7	75.6	80.6	110.0	115.9
	2032	110.9	101.3	87.9	92.3	104.5	109.7	113.6	116.9	109.5	100.6	75.9	80.9	110.9	116.9
	2033	111.4	101.6	88.2	92.7	104.9	110.1	114.0	117.3	109.9	100.9	76.3	81.3	111.4	117.3
	2034	111.9	102.2	88.6	93.1	105.4	110.7	114.6	117.9	110.5	101.5	76.7	81.7	111.9	117.9
	2035	112.5	102.7	89.1	93.6	106.0	111.2	115.2	118.5	111.0	102.0	77.3	82.4	112.5	118.5
	2036	113.4	103.5	89.8	94.3	106.8	112.1	116.1	119.5	111.9	102.8	77.5	82.6	113.4	119.5
	2037	113.7	103.7	90.0	94.6	107.1	112.4	116.4	119.7	112.2	103.0	77.8	82.9	113.7	119.7
	2038	114.2	104.2	90.4	95.0	107.5	112.9	116.9	120.3	112.7	103.5	78.1	83.3	114.2	120.3

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	96.1%	99.2%	97.3%	98.1%	91.4%	100.0%	98.7%	100.0%
	2010	97.6%	98.2%	98.1%	92.3%	92.7%	92.0%	93.2%	93.5%	90.9%	91.8%	93.2%	98.6%	97.6%	89.8%
	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%	98.7%	97.4%	98.0%	100.0%	98.6%
Projected	2019	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2020	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2021	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2022	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2023	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2024	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2025	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2026	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2027	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2028	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2009-2018	98.6%	99.6%	94.9%	97.4%	96.6%	94.0%	95.5%	96.4%	96.3%	98.0%	95.2%	96.6%	97.0%	95.6%
	2019-2028	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%

FMPA 2019 Load Forecast - Mild Weather Case - Leesburg

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	210,507		17,666		11,916		269,245		3,127		86.1		14,883		8,005		502,640		20,267	3.9%	522,907	
	2010	227,653	8.1%	17,719	0.3%	12,848	7.8%	253,879	-5.7%	3,066	-1.9%	82.8	-3.8%	15,186	2.0%	7,681	-4.0%	504,399	0.4%	17,933	3.4%	522,333	-0.1%
	2011	218,688	-3.9%	17,795	0.4%	12,289	-4.4%	239,294	-5.7%	3,011	-1.8%	79.5	-4.0%	15,695	3.4%	7,623	-0.8%	481,300	-4.6%	18,270	3.7%	499,570	-4.4%
	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%
Projected	2019	228,727	-5.4%	21,694	1.1%	10,543	-6.4%	215,962	-0.2%	3,314	0.4%	65.2	-0.5%	16,484	3.0%	7,946	0.0%	469,119	-2.7%	17,589	3.6%	486,709	-3.1%
	2020	227,435	-0.6%	22,008	1.4%	10,334	-2.0%	216,861	0.4%	3,357	1.3%	64.6	-0.9%	16,583	0.6%	7,946	0.0%	468,824	-0.1%	21,995	4.5%	490,819	0.8%
	2021	228,896	0.6%	22,164	0.7%	10,327	-0.1%	219,384	1.2%	3,389	1.0%	64.7	0.2%	16,759	1.1%	7,946	0.0%	472,984	0.9%	21,077	4.3%	494,062	0.7%
	2022	230,997	0.9%	22,324	0.7%	10,348	0.2%	221,792	1.1%	3,420	0.9%	64.8	0.2%	16,944	1.1%	7,946	0.0%	477,679	1.0%	21,283	4.3%	498,962	1.0%
	2023	232,925	0.8%	22,476	0.7%	10,363	0.2%	224,276	1.1%	3,451	0.9%	65.0	0.2%	17,131	1.1%	7,946	0.0%	482,278	1.0%	21,486	4.3%	503,764	1.0%
	2024	234,743	0.8%	22,623	0.7%	10,376	0.1%	226,706	1.1%	3,482	0.9%	65.1	0.2%	17,317	1.1%	7,946	0.0%	486,713	0.9%	22,859	4.5%	509,572	1.2%
	2025	236,551	0.8%	22,765	0.6%	10,391	0.1%	229,118	1.1%	3,513	0.9%	65.2	0.2%	17,503	1.1%	7,946	0.0%	491,118	0.9%	21,879	4.3%	512,997	0.7%
	2026	238,342	0.8%	22,903	0.6%	10,406	0.1%	231,511	1.0%	3,544	0.9%	65.3	0.2%	17,688	1.1%	7,946	0.0%	495,487	0.9%	22,074	4.3%	517,561	0.9%
	2027	240,221	0.8%	23,036	0.6%	10,428	0.2%	233,820	1.0%	3,574	0.8%	65.4	0.2%	17,866	1.0%	7,946	0.0%	499,853	0.9%	22,268	4.3%	522,122	0.9%
	2028	241,926	0.7%	23,165	0.6%	10,443	0.1%	236,071	1.0%	3,603	0.8%	65.5	0.1%	18,041	1.0%	7,946	0.0%	503,985	0.8%	23,668	4.5%	527,653	1.1%
	2029	243,266	0.6%	23,291	0.5%	10,445	0.0%	238,274	0.9%	3,631	0.8%	65.6	0.1%	18,213	1.0%	7,946	0.0%	507,698	0.7%	22,613	4.3%	530,311	0.5%
	2030	244,614	0.6%	23,412	0.5%	10,448	0.0%	240,415	0.9%	3,659	0.8%	65.7	0.1%	18,380	0.9%	7,946	0.0%	511,355	0.7%	22,779	4.3%	534,134	0.7%
	2031	246,390	0.7%	23,528	0.5%	10,472	0.2%	242,412	0.8%	3,686	0.7%	65.8	0.1%	18,537	0.9%	7,946	0.0%	515,285	0.8%	22,952	4.3%	538,238	0.8%
	2032	247,751	0.6%	23,635	0.5%	10,483	0.1%	244,210	0.7%	3,710	0.7%	65.8	0.1%	18,680	0.8%	7,946	0.0%	518,587	0.6%	24,349	4.5%	542,936	0.9%
	2033	248,945	0.5%	23,739	0.4%	10,487	0.0%	245,919	0.7%	3,734	0.6%	65.9	0.1%	18,816	0.7%	7,946	0.0%	521,626	0.6%	23,232	4.3%	544,858	0.4%
	2034	250,108	0.5%	23,843	0.4%	10,490	0.0%	247,573	0.7%	3,757	0.6%	65.9	0.1%	18,949	0.7%	7,946	0.0%	524,576	0.6%	23,359	4.3%	547,935	0.6%
	2035	250,810	0.3%	23,944	0.4%	10,475	-0.1%	249,216	0.7%	3,779	0.6%	65.9	0.1%	19,081	0.7%	7,946	0.0%	527,052	0.5%	23,471	4.3%	550,523	0.5%
	2036	251,999	0.5%	24,043	0.4%	10,481	0.1%	250,831	0.6%	3,802	0.6%	66.0	0.1%	19,211	0.7%	7,946	0.0%	529,987	0.6%	24,884	4.5%	554,871	0.8%
	2037	253,036	0.4%	24,139	0.4%	10,482	0.0%	252,317	0.6%	3,823	0.6%	66.0	0.0%	19,332	0.6%	7,946	0.0%	532,630	0.5%	23,717	4.3%	556,348	0.3%
	2038	253,909	0.3%	24,237	0.4%	10,476	-0.1%	253,661	0.5%	3,843	0.5%	66.0	0.0%	19,443	0.6%	7,946	0.0%	534,958	0.4%	23,821	4.3%	558,780	0.4%
CAGR	2009-2018		1.5%		2.2%		-0.6%		-2.4%		0.6%		-3.0%		0.8%		-0.1%		-0.5%		3.7%		-0.5%
	2019-2028		0.6%		0.7%		-0.1%		1.0%		0.9%		0.1%		1.0%		0.0%		0.8%		4.3%		0.9%
	2029-2038		0.5%		0.4%		0.0%		0.7%		0.6%		0.1%		0.7%		0.0%		0.6%		4.3%		0.6%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - Severe Weather Case

Leesburg

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	522,907	-	522,696	-	0.0%	116.5	-	110.3	-	-5.3%	114.2	-	111.8		-2.1%
	2010	522,333	-0.1%	497,336	-4.9%	-4.8%	108.3	-7.0%	96.8	-12.3%	-10.6%	98.8	-13.5%	104.1	-6.9%	5.4%
	2011	499,570	-4.4%	483,728	-2.7%	-3.2%	105.3	-2.8%	105.3	8.8%	0.0%	100.0	1.2%	99.0	-4.9%	-1.0%
	2012	469,153	-6.1%	476,631	-1.5%	1.6%	90.6	-14.0%	93.4	-11.3%	3.2%	89.7	-10.3%	106.5	7.6%	18.8%
	2013	468,646	-0.1%	472,961	-0.8%	0.9%	80.8	-10.8%	87.9	-6.0%	8.7%	90.5	0.9%	94.9	-10.9%	4.9%
	2014	465,764	-0.6%	460,586	-2.6%	-1.1%	89.4	10.5%	101.5	15.5%	13.6%	95.8	5.9%	94.3	-0.7%	-1.6%
	2015	478,866	2.8%	465,723	1.1%	-2.7%	100.1	12.0%	109.6	8.0%	9.5%	105.6	10.2%	106.1	12.5%	0.4%
	2016	492,572	2.9%	477,060	2.4%	-3.1%	84.7	-15.4%	97.0	-11.5%	14.6%	110.9	5.0%	106.4	0.3%	-4.1%
	2017	484,786	-1.6%	490,640	2.8%	1.2%	78.8	-6.9%	99.2	2.2%	25.9%	108.4	-2.3%	116.3	9.3%	7.3%
	2018	502,040	3.6%	499,548	1.8%	-0.5%	115.3	46.3%	120.3	21.3%	4.3%	109.0	0.6%	115.1	-1.0%	5.6%
Projected	2019	524,493	4.5%	524,493	5.0%		107.2	-7.0%	107.2	-10.9%		112.9	3.6%	112.9	-1.9%	
	2020			528,756	0.8%				107.9	0.7%				113.7	0.7%	
	2021			532,180	0.6%				108.7	0.7%				114.5	0.7%	
	2022			537,443	1.0%				109.8	1.0%				115.7	1.0%	
	2023			542,580	1.0%				110.8	0.9%				116.7	0.9%	
	2024			548,783	1.1%				112.1	1.1%				118.1	1.1%	
	2025			552,443	0.7%				112.8	0.7%				118.9	0.7%	
	2026			557,315	0.9%				113.8	0.9%				119.9	0.9%	
	2027			562,200	0.9%				114.8	0.9%				120.9	0.9%	
	2028			568,112	1.1%				116.0	1.0%				122.2	1.0%	
	2029			570,932	0.5%				116.5	0.5%				122.8	0.5%	
	2030			574,984	0.7%				117.4	0.7%				123.7	0.7%	
	2031			579,394	0.8%				118.3	0.7%				124.6	0.7%	
	2032			584,417	0.9%				119.3	0.8%				125.6	0.8%	
	2033			586,455	0.3%				119.7	0.4%				126.1	0.4%	
	2034			589,750	0.6%				120.3	0.5%				126.8	0.5%	
	2035			592,462	0.5%				120.9	0.5%				127.4	0.5%	
	2036			597,104	0.8%				121.9	0.8%				128.4	0.8%	
	2037			598,682	0.3%				122.1	0.2%				128.7	0.2%	
	2038			601,262	0.4%				122.7	0.4%				129.2	0.4%	
CAGR [3]	2009-2018		-0.5%		-0.5%			-0.1%		1.0%			-0.5%		0.3%	
	2019-2028				0.9%					0.9%					0.9%	
	2029-2038				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 2019 Load Forecast - Severe Weather Case

Leesburg

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	522,907	-	522,696	-	0.0%	118.0	-	50.6%	114.2	-	52.3%
	2010	522,333	-0.1%	497,336	-4.9%	-4.8%	111.0	-6.0%	53.7%	110.0	-3.7%	54.2%
	2011	499,570	-4.4%	483,728	-2.7%	-3.2%	106.8	-3.7%	53.4%	106.6	-3.0%	53.5%
	2012	469,153	-6.1%	476,631	-1.5%	1.6%	94.0	-11.9%	56.9%	100.5	-5.8%	53.3%
	2013	468,646	-0.1%	472,961	-0.8%	0.9%	84.5	-10.1%	63.3%	99.0	-1.4%	54.0%
	2014	465,764	-0.6%	460,586	-2.6%	-1.1%	91.2	8.0%	58.3%	100.0	1.0%	53.2%
	2015	478,866	2.8%	465,723	1.1%	-2.7%	100.1	9.7%	54.6%	107.1	7.1%	51.0%
	2016	492,572	2.9%	477,060	2.4%	-3.1%	91.8	-8.3%	61.3%	110.9	3.6%	50.7%
	2017	484,786	-1.6%	490,640	2.8%	1.2%	84.8	-7.7%	65.3%	109.3	-1.5%	50.6%
	2018	502,040	3.6%	499,548	1.8%	-0.5%	115.3	36.0%	49.7%	110.5	1.1%	51.9%
Projected	2019	524,493	4.5%	524,493	5.0%		107.8	-6.5%	55.5%	115.3	4.3%	52.0%
	2020	528,756	0.8%	528,756	0.8%		108.6	0.7%	55.6%	116.0	0.7%	52.0%
	2021	532,180	0.6%	532,180	0.6%		109.4	0.7%	55.5%	116.9	0.7%	52.0%
	2022	537,443	1.0%	537,443	1.0%		110.5	1.0%	55.5%	118.0	1.0%	52.0%
	2023	542,580	1.0%	542,580	1.0%		111.5	0.9%	55.5%	119.2	0.9%	52.0%
	2024	548,783	1.1%	548,783	1.1%		112.8	1.1%	55.5%	120.5	1.1%	52.0%
	2025	552,443	0.7%	552,443	0.7%		113.5	0.7%	55.6%	121.3	0.7%	52.0%
	2026	557,315	0.9%	557,315	0.9%		114.5	0.9%	55.6%	122.4	0.9%	52.0%
	2027	562,200	0.9%	562,200	0.9%		115.5	0.9%	55.6%	123.4	0.9%	52.0%
	2028	568,112	1.1%	568,112	1.1%		116.7	1.0%	55.6%	124.7	1.0%	52.0%
	2029	570,932	0.5%	570,932	0.5%		117.3	0.5%	55.6%	125.3	0.5%	52.0%
	2030	574,984	0.7%	574,984	0.7%		118.1	0.7%	55.6%	126.2	0.7%	52.0%
	2031	579,394	0.8%	579,394	0.8%		119.0	0.7%	55.6%	127.2	0.7%	52.0%
	2032	584,417	0.9%	584,417	0.9%		120.0	0.8%	55.6%	128.2	0.8%	52.0%
	2033	586,455	0.3%	586,455	0.3%		120.4	0.4%	55.6%	128.7	0.4%	52.0%
	2034	589,750	0.6%	589,750	0.6%		121.1	0.5%	55.6%	129.4	0.5%	52.0%
	2035	592,462	0.5%	592,462	0.5%		121.7	0.5%	55.6%	130.0	0.5%	52.0%
	2036	597,104	0.8%	597,104	0.8%		122.6	0.8%	55.6%	131.0	0.8%	52.0%
	2037	598,682	0.3%	598,682	0.3%		122.9	0.2%	55.6%	131.3	0.2%	52.0%
	2038	601,262	0.4%	601,262	0.4%		123.4	0.4%	55.6%	131.9	0.4%	52.0%
CAGR [1]	2009-2018		-0.5%		-0.5%			-0.3%	56.7%		-0.4%	52.5%
	2019-2028		0.9%		0.9%			0.9%	55.6%		0.9%	52.0%
	2029-2038		0.6%		0.6%			0.6%	55.6%		0.6%	52.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Severe Weather Case

Leesburg

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	43,992	39,102	37,991	37,199	45,145	50,872	50,598	50,815	47,826	44,477	32,941	37,987	518,944	522,907
	2010	45,946	38,902	34,292	35,684	48,541	50,682	52,099	52,653	48,130	39,357	33,974	45,970	526,229	522,333
	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	40,271	34,519	41,473	507,159	502,040
Projected	2019	45,659	37,251	35,669	37,783	45,098	50,398	52,748	54,727	48,897	41,078	34,946	41,627	525,880	524,493
	2020	45,932	38,661	35,829	37,947	45,273	50,562	52,915	54,911	49,076	41,280	35,169	41,931	529,485	528,756
	2021	46,285	37,771	36,163	38,320	45,726	51,069	53,442	55,457	49,567	41,698	35,527	42,356	533,380	532,180
	2022	46,744	38,142	36,518	38,694	46,174	51,566	53,963	56,003	50,059	42,111	35,879	42,771	538,624	537,443
	2023	47,192	38,506	36,868	39,067	46,617	52,055	54,468	56,523	50,522	42,500	36,212	43,163	543,694	542,580
	2024	47,613	40,108	37,204	39,428	47,047	52,531	54,962	57,035	50,980	42,888	36,545	43,557	549,898	548,783
	2025	48,038	39,198	37,540	39,786	47,473	53,001	55,449	57,538	51,429	43,267	36,870	43,940	553,530	552,443
	2026	48,450	39,537	37,870	40,142	47,898	53,472	55,939	58,046	51,885	43,652	37,201	44,332	558,424	557,315
	2027	48,874	39,883	38,204	40,497	48,320	53,939	56,423	58,546	52,330	44,026	37,520	44,709	563,270	562,200
	2028	49,279	41,512	38,520	40,833	48,718	54,376	56,872	59,007	52,739	44,370	37,814	45,053	569,093	568,112
Projected	2029	49,642	40,505	38,804	41,136	49,075	54,763	57,266	59,409	53,095	44,668	38,071	45,350	571,785	570,932
	2030	49,959	40,773	39,074	41,433	49,434	55,166	57,692	59,859	53,504	45,020	38,377	45,719	576,011	574,984
	2031	50,358	41,094	39,379	41,753	49,812	55,581	58,119	60,294	53,888	45,339	38,645	46,032	580,294	579,394
	2032	50,692	42,701	39,634	42,022	50,126	55,922	58,465	60,645	54,195	45,594	38,861	46,282	585,138	584,417
	2033	50,960	41,587	39,858	42,267	50,423	56,255	58,817	61,016	54,533	45,883	39,112	46,583	587,296	586,455
	2034	51,279	41,839	40,093	42,510	50,703	56,552	59,110	61,306	54,781	46,086	39,283	46,773	590,315	589,750
	2035	51,477	42,008	40,270	42,711	50,948	56,826	59,401	61,615	55,066	46,334	39,502	47,039	593,195	592,462
	2036	51,761	43,607	40,495	42,951	51,233	57,141	59,726	61,951	55,365	46,586	39,718	47,293	597,825	597,104
	2037	52,030	42,456	40,700	43,167	51,485	57,412	60,001	62,228	55,607	46,786	39,887	47,487	599,246	598,682
	2038	52,236	42,629	40,873	43,356	51,712	57,665	60,266	62,506	55,859	47,001	40,073	47,708	601,884	601,262

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.5%	7.5%	7.3%	7.2%	8.7%	9.8%	9.8%	9.8%	9.2%	8.6%	6.3%	7.3%	100.0%
	2010	8.7%	7.4%	6.5%	6.8%	9.2%	9.6%	9.9%	10.0%	9.1%	7.5%	6.5%	8.7%	100.0%
	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%	8.3%	9.4%	9.7%	10.5%	10.2%	7.9%	6.8%	8.2%	100.0%
Projected	2019	8.7%	7.1%	6.8%	7.2%	8.6%	9.6%	10.0%	10.4%	9.3%	7.8%	6.6%	7.9%	100.0%
	2020	8.7%	7.3%	6.8%	7.2%	8.6%	9.5%	10.0%	10.4%	9.3%	7.8%	6.6%	7.9%	100.0%
	2021	8.7%	7.1%	6.8%	7.2%	8.6%	9.6%	10.0%	10.4%	9.3%	7.8%	6.7%	7.9%	100.0%
	2022	8.7%	7.1%	6.8%	7.2%	8.6%	9.6%	10.0%	10.4%	9.3%	7.8%	6.7%	7.9%	100.0%
	2023	8.7%	7.1%	6.8%	7.2%	8.6%	9.6%	10.0%	10.4%	9.3%	7.8%	6.7%	7.9%	100.0%
	2024	8.7%	7.3%	6.8%	7.2%	8.6%	9.6%	10.0%	10.4%	9.3%	7.8%	6.6%	7.9%	100.0%
	2025	8.7%	7.1%	6.8%	7.2%	8.6%	9.6%	10.0%	10.4%	9.3%	7.8%	6.7%	7.9%	100.0%
	2026	8.7%	7.1%	6.8%	7.2%	8.6%	9.6%	10.0%	10.4%	9.3%	7.8%	6.7%	7.9%	100.0%
	2027	8.7%	7.1%	6.8%	7.2%	8.6%	9.6%	10.0%	10.4%	9.3%	7.8%	6.7%	7.9%	100.0%
	2028	8.7%	7.3%	6.8%	7.2%	8.6%	9.6%	10.0%	10.4%	9.3%	7.8%	6.6%	7.9%	100.0%
Avg.	2009-2018	8.1%	6.9%	7.1%	7.6%	8.9%	9.5%	10.0%	10.2%	9.3%	8.0%	6.7%	7.6%	100.0%
	2019-2028	8.7%	7.1%	6.8%	7.2%	8.6%	9.6%	10.0%	10.4%	9.3%	7.8%	6.7%	7.9%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Severe Weather Case

Leesburg

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	118.0	116.5	90.8	83.1	98.7	114.2	105.8	106.4	99.0	102.6	65.5	80.8	118.0	114.2
	2010	111.0	90.5	80.4	74.9	98.2	107.3	107.8	110.0	103.7	91.2	70.2	106.8	111.0	110.0
	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	94.4	75.0	79.5	115.3	110.5
Projected	2019	107.8	98.0	87.6	90.8	103.8	110.2	113.1	115.3	108.5	98.5	75.5	80.0	107.8	115.3
	2020	108.6	98.7	88.2	91.4	104.6	110.9	113.8	116.0	109.3	99.1	76.1	80.6	108.6	116.0
	2021	109.4	99.4	88.8	92.1	105.3	111.7	114.7	116.9	110.1	99.9	76.8	81.4	109.4	116.9
	2022	110.5	100.4	89.7	93.0	106.4	112.8	115.8	118.0	111.1	100.8	77.5	82.2	110.5	118.0
	2023	111.5	101.3	90.6	93.9	107.4	113.9	116.9	119.2	112.2	101.8	78.4	83.1	111.5	119.2
	2024	112.8	102.5	91.6	95.0	108.6	115.2	118.2	120.5	113.5	103.0	78.9	83.6	112.8	120.5
	2025	113.5	103.1	92.2	95.6	109.3	116.0	119.0	121.3	114.2	103.6	79.6	84.4	113.5	121.3
	2026	114.5	104.1	93.0	96.4	110.3	117.0	120.0	122.4	115.2	104.5	80.3	85.1	114.5	122.4
	2027	115.5	105.0	93.8	97.3	111.2	118.0	121.1	123.4	116.2	105.5	81.2	86.0	115.5	123.4
	2028	116.7	106.0	94.8	98.3	112.4	119.2	122.3	124.7	117.4	106.5	81.5	86.4	116.7	124.7
Projected	2029	117.3	106.6	95.2	98.7	112.9	119.8	122.9	125.3	118.0	107.1	82.1	87.0	117.3	125.3
	2030	118.1	107.3	95.9	99.5	113.7	120.7	123.8	126.2	118.9	107.8	82.8	87.7	118.1	126.2
	2031	119.0	108.1	96.6	100.2	114.6	121.6	124.8	127.2	119.7	108.6	83.5	88.4	119.0	127.2
	2032	120.0	109.0	97.5	101.1	115.5	122.6	125.8	128.2	120.7	109.6	83.8	88.7	120.0	128.2
	2033	120.4	109.4	97.8	101.4	116.0	123.0	126.3	128.7	121.2	110.0	84.2	89.2	120.4	128.7
	2034	121.1	110.0	98.3	101.9	116.6	123.7	126.9	129.4	121.8	110.5	84.6	89.6	121.1	129.4
	2035	121.7	110.5	98.8	102.4	117.1	124.3	127.5	130.0	122.4	111.1	85.3	90.3	121.7	130.0
	2036	122.6	111.4	99.6	103.2	118.0	125.2	128.5	131.0	123.4	111.9	85.5	90.6	122.6	131.0
	2037	122.9	111.7	99.8	103.5	118.3	125.5	128.8	131.3	123.7	112.2	85.8	90.9	122.9	131.3
	2038	123.4	112.2	100.2	103.9	118.8	126.1	129.4	131.9	124.2	112.7	86.2	91.3	123.4	131.9

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	50.1%	50.0%	56.2%	60.1%	68.0%	59.9%	66.4%	64.2%	67.1%	58.2%	67.6%	65.3%	50.2%	51.9%
	2010	55.7%	64.0%	57.3%	64.0%	73.5%	63.5%	67.1%	64.3%	64.5%	58.0%	65.0%	59.8%	54.1%	54.6%
	2011	52.7%	59.7%	70.9%	55.6%	68.9%	60.2%	66.1%	64.2%	63.6%	60.7%	65.6%	72.7%	51.4%	51.4%
	2012	52.8%	53.1%	65.5%	60.4%	72.3%	58.0%	67.7%	62.6%	61.7%	59.6%	69.4%	69.6%	57.6%	53.9%
	2013	70.1%	60.1%	55.1%	60.9%	69.2%	60.5%	64.1%	64.7%	63.7%	62.0%	60.4%	72.1%	63.1%	53.9%
	2014	61.2%	59.5%	71.5%	56.8%	67.5%	60.6%	68.1%	64.9%	59.3%	57.8%	56.5%	67.9%	58.3%	53.2%
	2015	58.5%	51.2%	64.3%	62.6%	68.5%	58.5%	65.6%	60.9%	62.1%	57.9%	56.0%	69.3%	55.0%	51.4%
	2016	54.8%	52.7%	60.4%	54.2%	67.6%	62.2%	67.2%	64.4%	63.6%	60.2%	60.1%	65.1%	60.9%	50.4%
	2017	55.7%	61.6%	59.9%	52.6%	65.7%	57.6%	64.3%	64.3%	61.4%	57.1%	61.4%	59.2%	66.0%	51.2%
	2018	51.4%	61.8%	65.0%	61.5%	64.4%	60.1%	63.4%	64.5%	65.8%	57.3%	61.9%	72.5%	50.2%	52.4%
Projected	2019	56.9%	56.6%	54.7%	55.9%	64.6%	61.5%	64.8%	63.8%	62.6%	56.1%	62.2%	72.3%	55.7%	52.1%
	2020	56.9%	56.3%	54.6%	55.8%	64.4%	61.3%	64.6%	63.6%	62.4%	56.0%	62.1%	72.3%	55.7%	52.1%
	2021	56.9%	56.5%	54.7%	55.9%	64.6%	61.4%	64.7%	63.8%	62.5%	56.1%	62.2%	72.3%	55.7%	52.1%
	2022	56.9%	56.5%	54.7%	55.9%	64.6%	61.4%	64.7%	63.8%	62.6%	56.1%	62.2%	72.3%	55.7%	52.1%
	2023	56.9%	56.6%	54.7%	55.9%	64.6%	61.4%	64.7%	63.8%	62.5%	56.1%	62.1%	72.1%	55.7%	52.1%
	2024	56.7%	56.2%	54.6%	55.8%	64.5%	61.3%	64.6%	63.6%	62.4%	56.0%	62.2%	72.3%	55.7%	52.1%
	2025	56.9%	56.6%	54.7%	55.9%	64.6%	61.4%	64.7%	63.7%	62.5%	56.1%	62.2%	72.3%	55.7%	52.1%
	2026	56.9%	56.5%	54.7%	55.9%	64.6%	61.4%	64.7%	63.7%	62.5%	56.1%	62.2%	72.3%	55.7%	52.1%
	2027	56.9%	56.5%	54.7%	56.0%	64.6%	61.4%	64.7%	63.7%	62.5%	56.1%	62.1%	72.2%	55.7%	52.1%
	2028	56.8%	56.2%	54.6%	55.8%	64.5%	61.3%	64.6%	63.6%	62.4%	56.0%	62.3%	72.4%	55.7%	52.1%
Avg.	2009-2018	56.3%	57.4%	62.6%	58.9%	68.6%	60.1%	66.0%	63.9%	63.3%	58.9%	62.4%	67.3%	56.7%	52.4%
	2019-2028	56.8%	56.5%	54.7%	55.9%	64.6%	61.4%	64.7%	63.7%	62.5%	56.1%	62.2%	72.3%	55.7%	52.1%

FMPA 2019 Load Forecast - Severe Weather Case

Leesburg

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	118.0	116.5	90.8	83.1	98.7	114.2	101.7	105.5	96.3	100.7	59.9	80.8	116.5	114.2
	2010	108.3	88.9	78.9	69.1	91.1	98.8	100.4	102.8	94.2	83.8	65.4	105.3	108.3	98.8
	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	93.1	73.1	77.9	115.3	109.0
Projected	2019	107.2	97.8	84.9	89.2	101.0	106.0	109.8	112.9	105.8	97.1	73.6	78.4	107.2	112.9
	2020	107.9	98.5	85.5	89.8	101.6	106.7	110.5	113.7	106.5	97.8	74.1	79.0	107.9	113.7
	2021	108.7	99.2	86.1	90.4	102.4	107.5	111.3	114.5	107.3	98.5	74.8	79.7	108.7	114.5
	2022	109.8	100.2	86.9	91.3	103.4	108.5	112.4	115.7	108.4	99.5	75.5	80.5	109.8	115.7
	2023	110.8	101.1	87.8	92.2	104.4	109.6	113.5	116.7	109.4	100.4	76.4	81.4	110.8	116.7
	2024	112.1	102.3	88.8	93.2	105.6	110.8	114.8	118.1	110.6	101.6	76.9	82.0	112.1	118.1
	2025	112.8	103.0	89.3	93.9	106.3	111.6	115.5	118.9	111.4	102.2	77.6	82.7	112.8	118.9
	2026	113.8	103.9	90.1	94.7	107.2	112.5	116.5	119.9	112.3	103.2	78.2	83.4	113.8	119.9
	2027	114.8	104.8	90.9	95.5	108.1	113.5	117.6	120.9	113.3	104.0	79.1	84.3	114.8	120.9
	2028	116.0	105.9	91.9	96.5	109.2	114.7	118.8	122.2	114.5	105.1	79.4	84.7	116.0	122.2
Projected	2029	116.5	106.4	92.3	97.0	109.8	115.2	119.3	122.8	115.0	105.6	80.0	85.3	116.5	122.8
	2030	117.4	107.1	93.0	97.7	110.6	116.1	120.2	123.7	115.9	106.4	80.6	85.9	117.4	123.7
	2031	118.3	107.9	93.7	98.4	111.4	116.9	121.1	124.6	116.7	107.2	81.3	86.6	118.3	124.6
	2032	119.3	108.8	94.4	99.2	112.3	117.9	122.1	125.6	117.7	108.1	81.6	87.0	119.3	125.6
	2033	119.7	109.2	94.8	99.6	112.7	118.4	122.6	126.1	118.1	108.5	82.0	87.4	119.7	126.1
	2034	120.3	109.8	95.3	100.1	113.3	119.0	123.2	126.8	118.8	109.0	82.4	87.8	120.3	126.8
	2035	120.9	110.3	95.7	100.6	113.9	119.5	123.8	127.4	119.3	109.6	83.0	88.5	120.9	127.4
	2036	121.9	111.2	96.5	101.4	114.8	120.5	124.8	128.4	120.3	110.4	83.2	88.7	121.9	128.4
	2037	122.1	111.5	96.7	101.6	115.0	120.8	125.1	128.7	120.6	110.7	83.6	89.1	122.1	128.7
	2038	122.7	112.0	97.1	102.1	115.5	121.3	125.6	129.2	121.1	111.2	84.0	89.5	122.7	129.2

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	96.1%	99.2%	97.3%	98.1%	91.4%	100.0%	98.7%	100.0%
	2010	97.6%	98.2%	98.1%	92.3%	92.7%	92.0%	93.2%	93.5%	90.9%	91.8%	93.2%	98.6%	97.6%	89.8%
	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%	98.7%	97.4%	98.0%	100.0%	98.6%
Projected	2019	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2020	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2021	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2022	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2023	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2024	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2025	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2026	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2027	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2028	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%
	2009-2018	98.6%	99.6%	94.9%	97.4%	96.6%	94.0%	95.5%	96.4%	96.3%	98.0%	95.2%	96.6%	97.0%	95.6%
	2019-2028	99.4%	99.8%	96.9%	98.2%	97.2%	96.2%	97.1%	98.0%	97.5%	98.7%	97.4%	98.0%	99.4%	98.0%

FMPA 2019 Load Forecast - Severe Weather Case - Leesburg

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

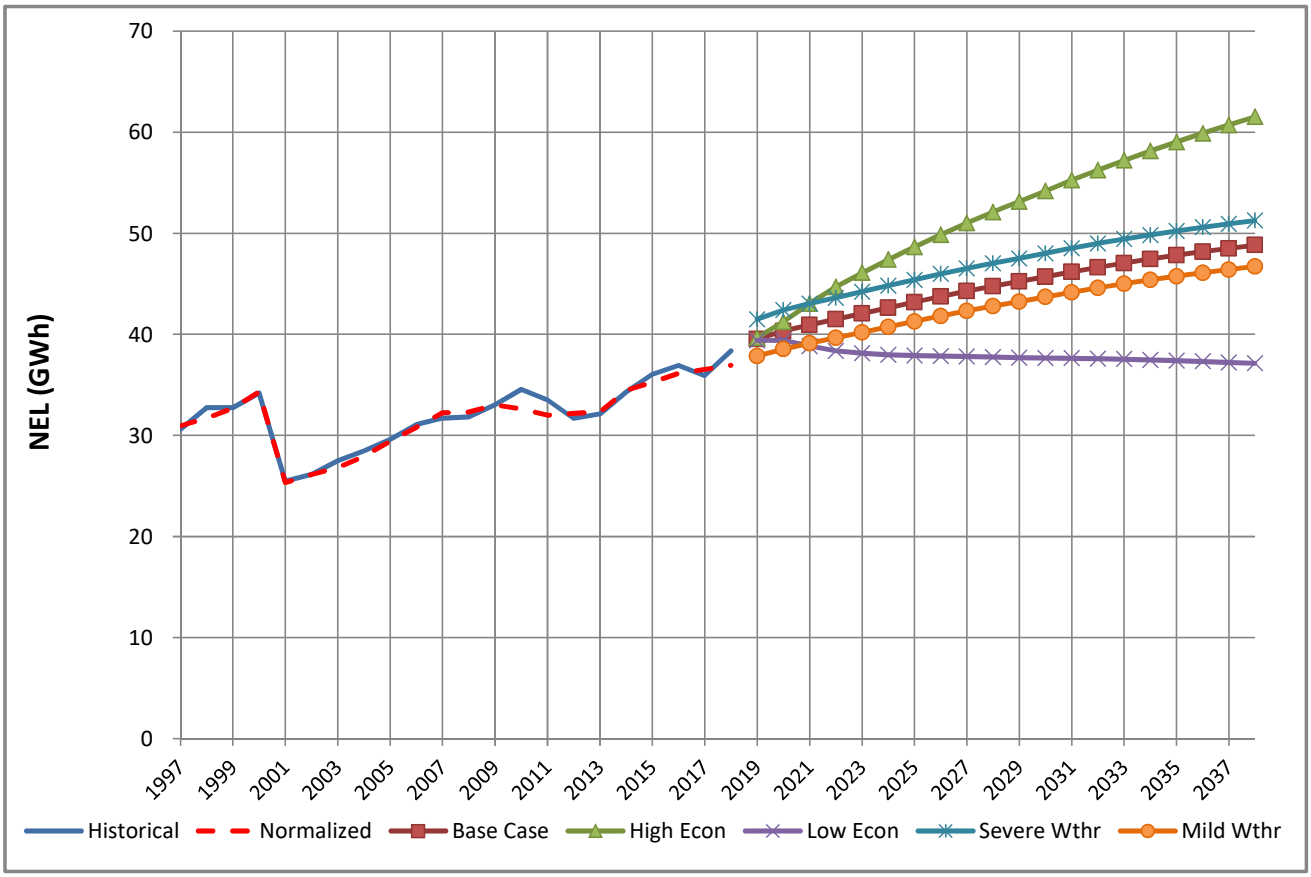
		Residential						General Service						City		Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2009	210,507		17,666		11,916		269,245		3,127		86.1		14,883		8,005		502,640		20,267	3.9%	522,907	
	2010	227,653	8.1%	17,719	0.3%	12,848	7.8%	253,879	-5.7%	3,066	-1.9%	82.8	-3.8%	15,186	2.0%	7,681	-4.0%	504,399	0.4%	17,933	3.4%	522,333	-0.1%
	2011	218,688	-3.9%	17,795	0.4%	12,289	-4.4%	239,294	-5.7%	3,011	-1.8%	79.5	-4.0%	15,695	3.4%	7,623	-0.8%	481,300	-4.6%	18,270	3.7%	499,570	-4.4%
	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%
Projected	2019	261,685	8.3%	21,694	1.1%	12,062	7.1%	220,220	1.8%	3,314	0.4%	66.5	1.4%	16,578	3.6%	7,946	0.0%	506,430	5.1%	18,063	3.4%	524,493	4.5%
	2020	261,941	0.1%	22,008	1.4%	11,902	-1.3%	221,829	0.7%	3,357	1.3%	66.1	-0.6%	16,706	0.8%	7,946	0.0%	508,422	0.4%	20,334	3.8%	528,756	0.8%
	2021	263,619	0.6%	22,164	0.7%	11,894	-0.1%	224,410	1.2%	3,389	1.0%	66.2	0.2%	16,884	1.1%	7,946	0.0%	512,858	0.9%	19,321	3.6%	532,180	0.6%
	2022	266,043	0.9%	22,324	0.7%	11,918	0.2%	226,874	1.1%	3,420	0.9%	66.3	0.2%	17,070	1.1%	7,946	0.0%	517,933	1.0%	19,510	3.6%	537,443	1.0%
	2023	268,265	0.8%	22,476	0.7%	11,936	0.2%	229,415	1.1%	3,451	0.9%	66.5	0.2%	17,258	1.1%	7,946	0.0%	522,884	1.0%	19,696	3.6%	542,580	1.0%
	2024	270,359	0.8%	22,623	0.7%	11,951	0.1%	231,900	1.1%	3,482	0.9%	66.6	0.2%	17,446	1.1%	7,946	0.0%	527,651	0.9%	21,132	3.9%	548,783	1.1%
	2025	272,442	0.8%	22,765	0.6%	11,967	0.1%	234,367	1.1%	3,513	0.9%	66.7	0.2%	17,633	1.1%	7,946	0.0%	532,388	0.9%	20,055	3.6%	552,443	0.7%
	2026	274,503	0.8%	22,903	0.6%	11,985	0.1%	236,814	1.0%	3,544	0.9%	66.8	0.2%	17,819	1.1%	7,946	0.0%	537,082	0.9%	20,233	3.6%	557,315	0.9%
	2027	276,669	0.8%	23,036	0.6%	12,010	0.2%	239,176	1.0%	3,574	0.8%	66.9	0.2%	17,999	1.0%	7,946	0.0%	541,790	0.9%	20,410	3.6%	562,200	0.9%
	2028	278,636	0.7%	23,165	0.6%	12,028	0.1%	241,478	1.0%	3,603	0.8%	67.0	0.1%	18,175	1.0%	7,946	0.0%	546,235	0.8%	21,877	3.9%	568,112	1.1%
	2029	280,183	0.6%	23,291	0.5%	12,030	0.0%	243,731	0.9%	3,631	0.8%	67.1	0.1%	18,348	1.0%	7,946	0.0%	550,207	0.7%	20,724	3.6%	570,932	0.5%
	2030	281,726	0.6%	23,412	0.5%	12,033	0.0%	245,921	0.9%	3,659	0.8%	67.2	0.1%	18,517	0.9%	7,946	0.0%	554,109	0.7%	20,876	3.6%	574,984	0.7%
	2031	283,776	0.7%	23,528	0.5%	12,061	0.2%	247,962	0.8%	3,686	0.7%	67.3	0.1%	18,675	0.9%	7,946	0.0%	558,359	0.8%	21,035	3.6%	579,394	0.8%
	2032	285,349	0.6%	23,635	0.5%	12,073	0.1%	249,800	0.7%	3,710	0.7%	67.3	0.1%	18,819	0.8%	7,946	0.0%	561,914	0.6%	22,503	3.9%	584,417	0.9%
	2033	286,716	0.5%	23,739	0.4%	12,078	0.0%	251,548	0.7%	3,734	0.6%	67.4	0.1%	18,956	0.7%	7,946	0.0%	565,166	0.6%	21,289	3.6%	586,455	0.3%
	2034	288,069	0.5%	23,843	0.4%	12,082	0.0%	253,240	0.7%	3,757	0.6%	67.4	0.1%	19,090	0.7%	7,946	0.0%	568,345	0.6%	21,405	3.6%	589,750	0.6%
	2035	288,867	0.3%	23,944	0.4%	12,064	-0.1%	254,920	0.7%	3,779	0.6%	67.4	0.1%	19,223	0.7%	7,946	0.0%	570,956	0.5%	21,506	3.6%	592,462	0.5%
	2036	290,239	0.5%	24,043	0.4%	12,072	0.1%	256,572	0.6%	3,802	0.6%	67.5	0.1%	19,354	0.7%	7,946	0.0%	574,110	0.6%	22,994	3.9%	597,104	0.8%
	2037	291,438	0.4%	24,139	0.4%	12,073	0.0%	258,091	0.6%	3,823	0.6%	67.5	0.0%	19,476	0.6%	7,946	0.0%	576,950	0.5%	21,732	3.6%	598,682	0.3%
	2038	292,438	0.3%	24,237	0.4%	12,066	-0.1%	259,465	0.5%	3,843	0.5%	67.5	0.0%	19,587	0.6%	7,946	0.0%	579,436	0.4%	21,826	3.6%	601,262	0.4%
CAGR	2009-2018		1.5%		2.2%		-0.6%		-2.4%		0.6%		-3.0%		0.8%		-0.1%		-0.5%		3.7%		-0.5%
	2019-2028		0.7%		0.7%		0.0%		1.0%		0.9%		0.1%		1.0%		0.0%		0.8%		3.7%		0.9%
	2029-2038		0.5%		0.4%		0.0%		0.7%		0.6%		0.1%		0.7%		0.0%		0.6%		3.7%		0.6%

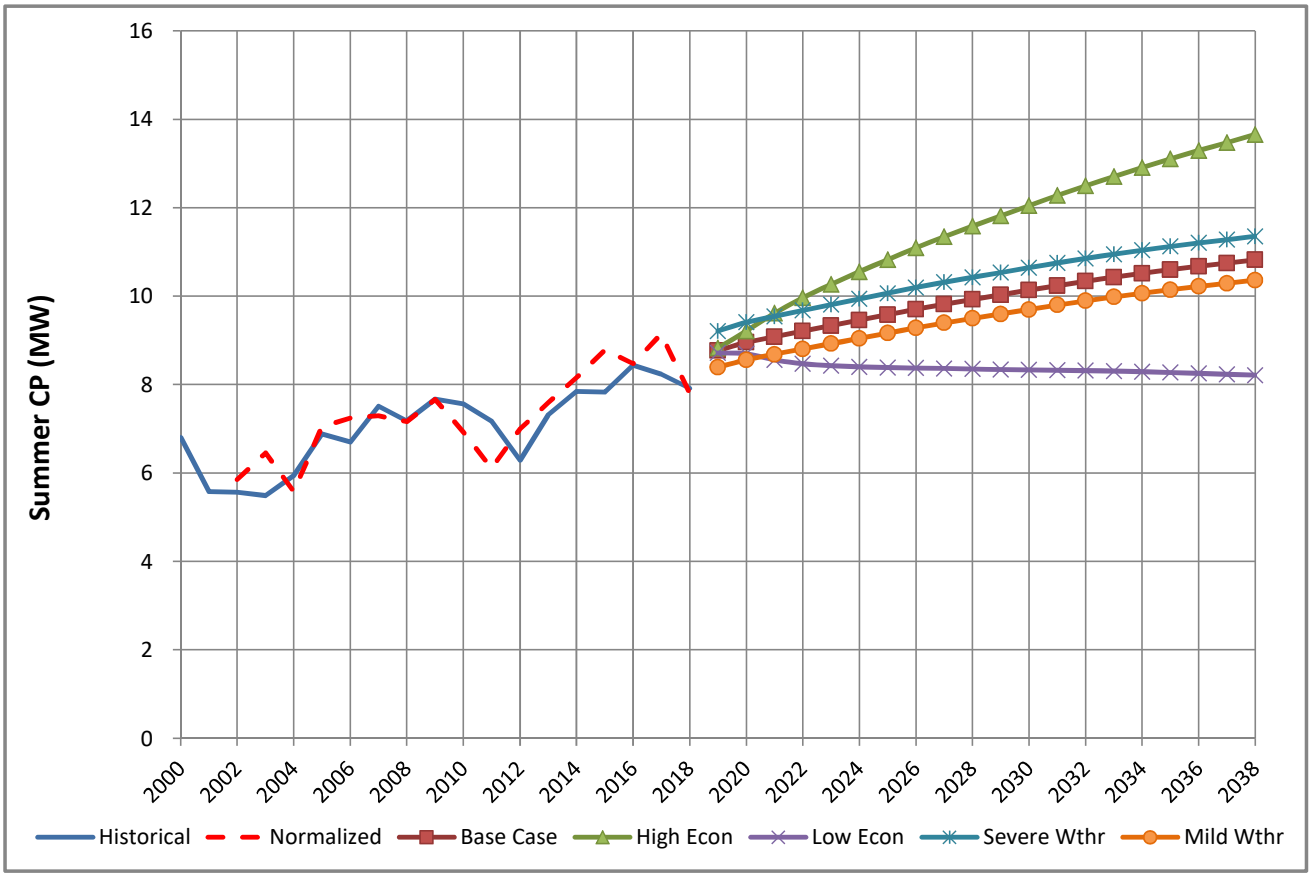
CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast

Newberry

Historical and Projected NEL and Annual Coincident Peak Demand





FMPA 2019 Load Forecast - Low Economic Case

Newberry

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	33,043	-	33,019	-	-0.1%	8.0	-	8.1	-	1.0%	7.7	-	7.7		-0.1%
	2010	34,567	4.6%	32,620	-1.2%	-5.6%	9.5	18.0%	8.2	0.7%	-13.8%	7.6	-1.4%	6.9	-9.6%	-8.4%
	2011	33,524	-3.0%	32,003	-1.9%	-4.5%	8.1	-14.7%	8.5	4.5%	5.6%	7.2	-5.2%	6.4	-7.3%	-10.4%
	2012	31,688	-5.5%	32,170	0.5%	1.5%	7.8	-3.3%	8.5	-0.5%	8.7%	6.3	-12.3%	7.0	9.0%	11.3%
	2013	32,137	1.4%	32,334	0.5%	0.6%	7.4	-5.2%	7.7	-9.1%	4.3%	7.3	16.3%	7.6	8.4%	3.8%
	2014	34,298	6.7%	34,455	6.6%	0.5%	7.6	2.6%	8.7	12.2%	14.0%	7.8	7.3%	8.2	7.5%	4.0%
	2015	36,047	5.1%	35,273	2.4%	-2.1%	8.7	14.2%	8.3	-4.2%	-4.4%	7.8	-0.2%	8.8	7.7%	12.2%
	2016	36,935	2.5%	36,136	2.4%	-2.2%	6.3	-27.3%	8.6	3.5%	36.2%	8.4	7.7%	8.5	-3.5%	0.5%
	2017	35,911	-2.8%	36,511	1.0%	1.7%	5.5	-12.0%	8.2	-4.2%	48.4%	8.2	-2.4%	9.1	7.9%	11.1%
	2018	38,376	6.9%	36,935	1.2%	-3.8%	10.0	79.9%	9.8	19.4%	-1.5%	7.9	-3.9%	7.8	-14.8%	-1.5%
Projected	2019	39,413	2.7%	39,413	6.7%		9.4	-6.1%	9.4	-4.7%		8.7	10.1%	8.7	11.8%	
	2020			39,410	0.0%				9.3	-0.2%				8.7	-0.2%	
	2021			38,825	-1.5%				9.2	-1.6%				8.6	-1.6%	
	2022			38,357	-1.2%				9.1	-1.0%				8.5	-1.0%	
	2023			38,128	-0.6%				9.0	-0.5%				8.4	-0.5%	
	2024			37,992	-0.4%				9.0	-0.3%				8.4	-0.3%	
	2025			37,911	-0.2%				9.0	-0.2%				8.4	-0.2%	
	2026			37,860	-0.1%				9.0	-0.1%				8.4	-0.1%	
	2027			37,824	-0.1%				9.0	-0.1%				8.4	-0.1%	
	2028			37,766	-0.2%				9.0	-0.2%				8.4	-0.2%	
	2029			37,703	-0.2%				9.0	-0.2%				8.3	-0.2%	
	2030			37,662	-0.1%				8.9	-0.1%				8.3	-0.1%	
	2031			37,646	0.0%				8.9	-0.1%				8.3	-0.1%	
	2032			37,608	-0.1%				8.9	-0.1%				8.3	-0.1%	
	2033			37,552	-0.1%				8.9	-0.2%				8.3	-0.2%	
	2034			37,484	-0.2%				8.9	-0.2%				8.3	-0.2%	
	2035			37,414	-0.2%				8.9	-0.2%				8.3	-0.2%	
	2036			37,331	-0.2%				8.9	-0.2%				8.3	-0.2%	
	2037			37,232	-0.3%				8.8	-0.3%				8.2	-0.3%	
	2038			37,141	-0.2%				8.8	-0.2%				8.2	-0.2%	
CAGR [3]	2009-2018		1.7%		1.3%			2.4%		2.2%			0.3%		0.2%	
	2019-2028				-0.5%					-0.5%					-0.5%	
	2029-2038				-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 2019 Load Forecast - Low Economic Case

Newberry

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	33,043	-	33,019	-	-0.1%	8.6	-	43.8%	7.7	-	49.2%
	2010	34,567	4.6%	32,620	-1.2%	-5.6%	9.5	10.0%	41.7%	7.6	-1.4%	52.2%
	2011	33,524	-3.0%	32,003	-1.9%	-4.5%	8.7	-8.2%	44.1%	7.5	-1.2%	51.2%
	2012	31,688	-5.5%	32,170	0.5%	1.5%	7.8	-10.2%	46.4%	7.5	-0.1%	48.5%
	2013	32,137	1.4%	32,334	0.5%	0.6%	7.4	-5.2%	49.6%	7.5	1.0%	48.7%
	2014	34,298	6.7%	34,455	6.6%	0.5%	7.7	3.8%	51.0%	7.8	4.1%	49.9%
	2015	36,047	5.1%	35,273	2.4%	-2.1%	8.8	15.1%	46.5%	8.5	7.9%	48.6%
	2016	36,935	2.5%	36,136	2.4%	-2.2%	8.6	-3.3%	49.3%	8.5	0.4%	49.6%
	2017	35,911	-2.8%	36,511	1.0%	1.7%	7.8	-8.2%	52.2%	8.3	-1.8%	49.2%
	2018	38,376	6.9%	36,935	1.2%	-3.8%	10.2	29.3%	43.2%	8.6	3.7%	50.7%
Projected	2019	39,413	2.7%	39,413	6.7%		9.6	-5.7%	47.0%	9.0	4.1%	50.0%
	2020	39,410	0.0%	39,410	0.0%		9.6	-0.2%	47.1%	9.0	-0.2%	50.1%
	2021	38,825	-1.5%	38,825	-1.5%		9.4	-1.6%	47.1%	8.8	-1.6%	50.1%
	2022	38,357	-1.2%	38,357	-1.2%		9.3	-1.0%	47.1%	8.7	-1.0%	50.1%
	2023	38,128	-0.6%	38,128	-0.6%		9.3	-0.5%	47.0%	8.7	-0.5%	50.0%
	2024	37,992	-0.4%	37,992	-0.4%		9.2	-0.3%	47.0%	8.7	-0.3%	50.0%
	2025	37,911	-0.2%	37,911	-0.2%		9.2	-0.2%	47.0%	8.7	-0.2%	50.0%
	2026	37,860	-0.1%	37,860	-0.1%		9.2	-0.1%	47.0%	8.6	-0.1%	50.0%
	2027	37,824	-0.1%	37,824	-0.1%		9.2	-0.1%	47.0%	8.6	-0.1%	50.0%
	2028	37,766	-0.2%	37,766	-0.2%		9.2	-0.2%	47.0%	8.6	-0.2%	50.0%
	2029	37,703	-0.2%	37,703	-0.2%		9.2	-0.2%	47.0%	8.6	-0.2%	50.0%
	2030	37,662	-0.1%	37,662	-0.1%		9.2	-0.1%	47.0%	8.6	-0.1%	50.0%
	2031	37,646	0.0%	37,646	0.0%		9.1	-0.1%	47.0%	8.6	-0.1%	50.0%
	2032	37,608	-0.1%	37,608	-0.1%		9.1	-0.1%	47.0%	8.6	-0.1%	50.0%
	2033	37,552	-0.1%	37,552	-0.1%		9.1	-0.2%	47.0%	8.6	-0.2%	50.0%
	2034	37,484	-0.2%	37,484	-0.2%		9.1	-0.2%	47.0%	8.6	-0.2%	50.0%
	2035	37,414	-0.2%	37,414	-0.2%		9.1	-0.2%	47.0%	8.5	-0.2%	50.0%
	2036	37,331	-0.2%	37,331	-0.2%		9.1	-0.2%	47.0%	8.5	-0.2%	50.0%
	2037	37,232	-0.3%	37,232	-0.3%		9.0	-0.3%	47.0%	8.5	-0.3%	50.0%
	2038	37,141	-0.2%	37,141	-0.2%		9.0	-0.2%	47.0%	8.5	-0.2%	50.0%
CAGR [1]	2009-2018		1.7%		1.3%			1.9%	46.8%		1.3%	49.8%
	2019-2028		-0.5%		-0.5%			-0.5%	47.0%		-0.5%	50.0%
	2029-2038		-0.2%		-0.2%			-0.2%	47.0%		-0.2%	50.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Low Economic Case

Newberry

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	2,837	2,542	2,367	2,235	2,708	3,284	3,257	3,231	3,061	2,735	2,159	2,614	33,029	33,043
	2010	3,321	2,813	2,492	2,199	2,999	3,321	3,420	3,417	3,077	2,405	2,231	3,326	35,021	34,567
	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	3,221	2,883	3,034	38,970	38,376
Projected	2019	3,360	2,848	2,800	2,861	3,187	3,722	3,756	3,913	3,826	3,166	2,924	3,030	39,395	39,413
	2020	3,383	2,916	2,822	2,884	3,128	3,708	3,750	3,866	3,835	3,131	2,896	2,987	39,303	39,410
	2021	3,336	2,883	2,782	2,843	3,067	3,645	3,684	3,794	3,777	3,080	2,853	2,942	38,687	38,825
	2022	3,288	2,845	2,749	2,812	3,033	3,608	3,646	3,757	3,744	3,056	2,834	2,921	38,293	38,357
	2023	3,264	2,826	2,733	2,798	3,017	3,589	3,627	3,738	3,727	3,043	2,823	2,908	38,093	38,128
	2024	3,248	2,814	2,723	2,789	3,008	3,578	3,614	3,727	3,716	3,036	2,817	2,902	37,972	37,992
	2025	3,239	2,807	2,718	2,785	3,003	3,571	3,606	3,719	3,708	3,032	2,813	2,897	37,897	37,911
	2026	3,232	2,802	2,715	2,782	3,000	3,567	3,601	3,714	3,705	3,030	2,812	2,895	37,855	37,860
	2027	3,228	2,798	2,714	2,781	2,998	3,563	3,596	3,709	3,699	3,028	2,809	2,890	37,814	37,824
	2028	3,221	2,793	2,710	2,778	2,995	3,557	3,589	3,702	3,693	3,024	2,806	2,885	37,753	37,766
Projected	2029	3,214	2,787	2,706	2,775	2,991	3,552	3,582	3,695	3,686	3,020	2,802	2,881	37,691	37,703
	2030	3,207	2,783	2,704	2,773	2,989	3,549	3,579	3,692	3,684	3,020	2,802	2,880	37,661	37,662
	2031	3,205	2,781	2,703	2,773	2,988	3,547	3,576	3,689	3,681	3,018	2,801	2,878	37,641	37,646
	2032	3,200	2,778	2,701	2,771	2,986	3,543	3,571	3,685	3,676	3,015	2,798	2,874	37,599	37,608
	2033	3,194	2,773	2,698	2,768	2,982	3,538	3,564	3,678	3,669	3,011	2,794	2,869	37,539	37,552
	2034	3,187	2,767	2,694	2,764	2,978	3,531	3,557	3,670	3,662	3,006	2,790	2,864	37,470	37,484
	2035	3,180	2,761	2,689	2,760	2,973	3,525	3,549	3,663	3,654	3,002	2,786	2,858	37,399	37,414
	2036	3,171	2,754	2,684	2,755	2,967	3,517	3,540	3,653	3,645	2,995	2,780	2,850	37,311	37,331
	2037	3,161	2,746	2,678	2,749	2,960	3,508	3,529	3,642	3,634	2,988	2,773	2,842	37,211	37,232
	2038	3,151	2,738	2,672	2,744	2,954	3,500	3,520	3,634	3,626	2,983	2,769	2,837	37,126	37,141

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.6%	7.7%	7.2%	6.8%	8.2%	9.9%	9.9%	9.8%	9.3%	8.3%	6.5%	7.9%	100.0%
	2010	9.5%	8.0%	7.1%	6.3%	8.6%	9.5%	9.8%	9.8%	8.8%	6.9%	6.4%	9.5%	100.0%
	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	9.7%	6.4%	6.7%	6.6%	8.3%	9.4%	9.6%	9.9%	10.0%	8.3%	7.4%	7.8%	100.0%
Projected	2019	8.5%	7.2%	7.1%	7.3%	8.1%	9.4%	9.5%	9.9%	9.7%	8.0%	7.4%	7.7%	100.0%
	2020	8.6%	7.4%	7.2%	7.3%	8.0%	9.4%	9.5%	9.8%	9.8%	8.0%	7.4%	7.6%	100.0%
	2021	8.6%	7.5%	7.2%	7.3%	7.9%	9.4%	9.5%	9.8%	9.8%	8.0%	7.4%	7.6%	100.0%
	2022	8.6%	7.4%	7.2%	7.3%	7.9%	9.4%	9.5%	9.8%	9.8%	8.0%	7.4%	7.6%	100.0%
	2023	8.6%	7.4%	7.2%	7.3%	7.9%	9.4%	9.5%	9.8%	9.8%	8.0%	7.4%	7.6%	100.0%
	2024	8.6%	7.4%	7.2%	7.3%	7.9%	9.4%	9.5%	9.8%	9.8%	8.0%	7.4%	7.6%	100.0%
	2025	8.5%	7.4%	7.2%	7.3%	7.9%	9.4%	9.5%	9.8%	9.8%	8.0%	7.4%	7.6%	100.0%
	2026	8.5%	7.4%	7.2%	7.4%	7.9%	9.4%	9.5%	9.8%	9.8%	8.0%	7.4%	7.6%	100.0%
	2027	8.5%	7.4%	7.2%	7.4%	7.9%	9.4%	9.5%	9.8%	9.8%	8.0%	7.4%	7.6%	100.0%
	2028	8.5%	7.4%	7.2%	7.4%	7.9%	9.4%	9.5%	9.8%	9.8%	8.0%	7.4%	7.6%	100.0%
Avg.	2009-2018	8.5%	7.1%	7.1%	7.1%	8.6%	9.5%	10.0%	10.2%	9.2%	7.9%	6.9%	7.8%	100.0%
	2019-2028	8.6%	7.4%	7.2%	7.3%	7.9%	9.4%	9.5%	9.8%	9.8%	8.0%	7.4%	7.6%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Low Economic Case

Newberry

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	8.6	8.2	6.5	5.1	6.2	7.7	7.0	7.2	6.9	7.0	4.4	6.2	8.6	7.7
	2010	9.5	7.8	6.9	4.9	6.4	7.6	7.5	7.5	7.2	5.7	5.3	8.2	9.5	7.6
	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	7.1	6.3	7.4	10.2	8.6
Projected	2019	9.6	9.0	6.8	6.8	7.8	8.8	8.6	9.0	8.3	7.4	6.2	7.4	9.6	9.0
	2020	9.6	9.0	6.8	6.8	7.8	8.7	8.6	9.0	8.3	7.4	6.1	7.2	9.6	9.0
	2021	9.4	8.8	6.7	6.7	7.7	8.6	8.4	8.8	8.2	7.3	6.1	7.2	9.4	8.8
	2022	9.3	8.7	6.6	6.6	7.6	8.5	8.3	8.7	8.1	7.2	6.1	7.1	9.3	8.7
	2023	9.3	8.7	6.6	6.6	7.6	8.5	8.3	8.7	8.1	7.2	6.0	7.1	9.3	8.7
	2024	9.2	8.7	6.6	6.5	7.5	8.4	8.3	8.7	8.0	7.1	6.0	7.1	9.2	8.7
	2025	9.2	8.6	6.6	6.5	7.5	8.4	8.3	8.7	8.0	7.1	6.0	7.1	9.2	8.7
	2026	9.2	8.6	6.6	6.5	7.5	8.4	8.2	8.6	8.0	7.1	6.0	7.1	9.2	8.6
	2027	9.2	8.6	6.5	6.5	7.5	8.4	8.2	8.6	8.0	7.1	6.0	7.1	9.2	8.6
	2028	9.2	8.6	6.5	6.5	7.5	8.4	8.2	8.6	8.0	7.1	6.0	7.1	9.2	8.6
Projected	2029	9.2	8.6	6.5	6.5	7.5	8.4	8.2	8.6	8.0	7.1	6.0	7.0	9.2	8.6
	2030	9.2	8.6	6.5	6.5	7.5	8.4	8.2	8.6	8.0	7.1	6.0	7.0	9.2	8.6
	2031	9.1	8.6	6.5	6.5	7.5	8.4	8.2	8.6	8.0	7.1	6.0	7.0	9.1	8.6
	2032	9.1	8.6	6.5	6.5	7.5	8.4	8.2	8.6	8.0	7.1	6.0	7.0	9.1	8.6
	2033	9.1	8.6	6.5	6.5	7.5	8.3	8.2	8.6	7.9	7.1	6.0	7.0	9.1	8.6
	2034	9.1	8.5	6.5	6.4	7.4	8.3	8.2	8.6	7.9	7.1	5.9	7.0	9.1	8.6
	2035	9.1	8.5	6.5	6.4	7.4	8.3	8.1	8.5	7.9	7.0	5.9	7.0	9.1	8.5
	2036	9.1	8.5	6.5	6.4	7.4	8.3	8.1	8.5	7.9	7.0	5.9	7.0	9.1	8.5
	2037	9.0	8.5	6.4	6.4	7.4	8.3	8.1	8.5	7.9	7.0	5.9	6.9	9.0	8.5
	2038	9.0	8.5	6.4	6.4	7.4	8.2	8.1	8.5	7.9	7.0	5.9	6.9	9.0	8.5

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	44.3%	45.9%	48.6%	59.3%	64.9%	57.5%	64.4%	59.9%	61.6%	52.8%	65.4%	58.5%	43.8%	49.1%
	2010	47.2%	53.4%	48.3%	60.6%	69.7%	59.0%	63.5%	61.0%	59.5%	56.8%	56.2%	56.6%	42.2%	52.9%
	2011	45.8%	50.1%	66.0%	53.0%	61.7%	58.0%	63.2%	63.0%	61.4%	60.9%	58.8%	58.0%	42.6%	49.5%
	2012	44.3%	40.6%	59.3%	50.9%	64.6%	56.9%	62.4%	60.4%	61.5%	55.6%	49.3%	54.4%	47.1%	49.2%
	2013	53.6%	45.9%	45.3%	56.8%	61.6%	58.0%	60.8%	59.9%	59.1%	56.5%	50.1%	55.0%	49.9%	49.0%
	2014	56.4%	49.6%	55.5%	54.5%	64.5%	57.7%	64.1%	61.9%	59.9%	57.2%	41.8%	56.0%	51.8%	50.7%
	2015	54.1%	46.4%	62.6%	57.8%	64.6%	55.6%	62.4%	62.2%	59.3%	53.5%	53.5%	66.7%	46.4%	48.4%
	2016	48.3%	47.5%	60.6%	50.0%	67.3%	60.4%	64.5%	60.7%	62.2%	55.9%	55.5%	60.9%	49.3%	49.7%
	2017	46.6%	59.2%	47.5%	50.7%	64.6%	56.9%	63.5%	62.4%	61.1%	57.1%	61.6%	49.6%	53.1%	50.0%
	2018	49.9%	62.5%	53.0%	59.0%	65.2%	58.1%	62.6%	61.3%	62.4%	60.8%	61.9%	57.1%	43.8%	51.4%
Projected	2019	47.2%	47.2%	55.2%	56.7%	60.6%	57.2%	60.8%	58.4%	63.8%	57.4%	63.0%	57.2%	47.0%	50.0%
	2020	47.6%	46.8%	55.7%	57.3%	59.6%	57.1%	60.9%	57.9%	64.1%	56.9%	63.3%	57.3%	47.0%	50.0%
	2021	47.7%	48.6%	55.8%	57.4%	59.4%	57.0%	60.7%	57.7%	64.1%	56.8%	63.0%	57.0%	47.0%	50.0%
	2022	47.5%	48.5%	55.7%	57.4%	59.3%	57.0%	60.7%	57.7%	64.2%	57.0%	62.9%	56.9%	47.0%	50.0%
	2023	47.4%	48.4%	55.7%	57.4%	59.3%	57.0%	60.7%	57.7%	64.3%	57.0%	62.9%	56.8%	47.0%	50.0%
	2024	47.3%	46.7%	55.7%	57.4%	59.3%	57.0%	60.7%	57.7%	64.3%	57.1%	62.9%	56.8%	47.0%	50.0%
	2025	47.3%	48.3%	55.7%	57.4%	59.3%	57.0%	60.7%	57.7%	64.3%	57.1%	62.9%	56.8%	47.0%	50.0%
	2026	47.2%	48.3%	55.7%	57.4%	59.4%	57.0%	60.7%	57.7%	64.3%	57.2%	62.9%	56.8%	47.0%	50.0%
	2027	47.2%	48.3%	55.7%	57.4%	59.4%	57.0%	60.7%	57.7%	64.3%	57.2%	63.0%	56.8%	47.0%	50.0%
	2028	47.2%	46.6%	55.7%	57.5%	59.4%	57.0%	60.6%	57.7%	64.2%	57.2%	63.0%	56.8%	47.0%	50.0%
Avg.	2009-2018	49.1%	50.1%	54.7%	55.3%	64.9%	57.8%	63.1%	61.3%	60.8%	56.7%	55.4%	57.3%	47.0%	50.0%
	2019-2028	47.4%	47.8%	55.7%	57.3%	59.5%	57.0%	60.7%	57.8%	64.2%	57.1%	63.0%	56.9%	47.0%	50.0%

FMPA 2019 Load Forecast - Low Economic Case

Newberry

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	8.5	8.0	6.4	4.9	6.1	7.7	6.6	7.1	6.8	6.5	3.3	6.2	8.0	7.7
	2010	9.5	7.7	6.9	4.9	6.2	7.6	7.1	7.1	7.1	5.1	4.0	8.1	9.5	7.6
	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	6.8	5.3	6.6	10.0	7.9
Projected	2019	9.4	8.7	6.0	6.4	7.6	8.3	8.2	8.7	7.7	7.1	5.3	6.6	9.4	8.7
	2020	9.3	8.7	6.0	6.4	7.6	8.3	8.1	8.7	7.7	7.1	5.2	6.5	9.3	8.7
	2021	9.2	8.6	5.9	6.3	7.5	8.1	8.0	8.6	7.6	7.0	5.2	6.4	9.2	8.6
	2022	9.1	8.5	5.9	6.2	7.4	8.1	7.9	8.5	7.5	6.9	5.1	6.4	9.1	8.5
	2023	9.0	8.4	5.8	6.2	7.4	8.0	7.9	8.4	7.4	6.8	5.1	6.4	9.0	8.4
	2024	9.0	8.4	5.8	6.2	7.3	8.0	7.9	8.4	7.4	6.8	5.1	6.4	9.0	8.4
	2025	9.0	8.4	5.8	6.1	7.3	8.0	7.8	8.4	7.4	6.8	5.1	6.4	9.0	8.4
	2026	9.0	8.4	5.8	6.1	7.3	8.0	7.8	8.4	7.4	6.8	5.1	6.3	9.0	8.4
	2027	9.0	8.4	5.8	6.1	7.3	8.0	7.8	8.4	7.4	6.8	5.1	6.3	9.0	8.4
	2028	9.0	8.4	5.8	6.1	7.3	8.0	7.8	8.4	7.4	6.8	5.1	6.3	9.0	8.4
Projected	2029	9.0	8.4	5.8	6.1	7.3	7.9	7.8	8.3	7.4	6.8	5.1	6.3	9.0	8.3
	2030	8.9	8.4	5.8	6.1	7.3	7.9	7.8	8.3	7.4	6.8	5.1	6.3	8.9	8.3
	2031	8.9	8.3	5.8	6.1	7.3	7.9	7.8	8.3	7.4	6.8	5.1	6.3	8.9	8.3
	2032	8.9	8.3	5.8	6.1	7.3	7.9	7.8	8.3	7.3	6.8	5.1	6.3	8.9	8.3
	2033	8.9	8.3	5.8	6.1	7.2	7.9	7.8	8.3	7.3	6.7	5.1	6.3	8.9	8.3
	2034	8.9	8.3	5.7	6.1	7.2	7.9	7.8	8.3	7.3	6.7	5.0	6.3	8.9	8.3
	2035	8.9	8.3	5.7	6.1	7.2	7.9	7.7	8.3	7.3	6.7	5.0	6.3	8.9	8.3
	2036	8.9	8.3	5.7	6.1	7.2	7.9	7.7	8.3	7.3	6.7	5.0	6.2	8.9	8.3
	2037	8.8	8.3	5.7	6.0	7.2	7.8	7.7	8.2	7.3	6.7	5.0	6.2	8.8	8.2
	2038	8.8	8.2	5.7	6.0	7.2	7.8	7.7	8.2	7.3	6.7	5.0	6.2	8.8	8.2

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	98.4%	97.2%	97.2%	97.3%	97.8%	100.0%	93.4%	97.9%	99.0%	92.7%	74.1%	100.0%	93.2%	100.0%
	2010	100.0%	98.2%	99.4%	100.0%	96.5%	100.0%	94.3%	94.8%	99.1%	90.3%	74.6%	98.8%	100.0%	100.0%
	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%	95.4%	84.9%	89.7%	98.2%	91.5%
Projected	2019	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2020	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2021	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2022	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2023	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2024	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2025	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2026	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2027	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2028	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2009-2018	97.8%	97.0%	88.5%	94.2%	97.1%	94.8%	94.4%	96.4%	92.4%	94.5%	83.4%	89.9%	92.5%	95.9%
	2019-2028	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%

FMPA 2019 Load Forecast - Low Economic Case - Newberry

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	15,262		1,190		12,824		13,916		234		59.5		1,657		0		30,835		2,208	6.7%	33,043	
	2010	17,011	11.5%	1,220	2.5%	13,944	8.7%	13,947	0.2%	233	-0.3%	59.8	0.5%	1,914	15.5%	0		32,872	6.6%	1,695	4.9%	34,567	4.6%
	2011	16,499	-3.0%	1,232	1.0%	13,394	-3.9%	13,820	-0.9%	233	-0.1%	59.3	-0.8%	1,977	3.3%	0		32,296	-1.8%	1,228	3.7%	33,524	-3.0%
	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%
Projected	2019	20,803	5.9%	1,614	3.3%	12,890	2.5%	14,603	-0.7%	251	0.8%	58.3	-1.5%	1,761	3.4%	583	0.0%	37,750	3.0%	1,663	4.2%	39,413	2.7%
	2020	20,853	0.2%	1,618	0.2%	12,889	0.0%	14,597	0.0%	250	-0.3%	58.4	0.3%	1,716	-2.6%	583	0.0%	37,750	0.0%	1,661	4.2%	39,410	0.0%
	2021	20,447	-1.9%	1,602	-1.0%	12,764	-1.0%	14,451	-1.0%	248	-0.6%	58.2	-0.4%	1,710	-0.4%	583	0.0%	37,191	-1.5%	1,635	4.2%	38,825	-1.5%
	2022	20,048	-2.0%	1,591	-0.7%	12,600	-1.3%	14,398	-0.4%	248	-0.3%	58.1	-0.1%	1,712	0.2%	583	0.0%	36,741	-1.2%	1,616	4.2%	38,357	-1.2%
	2023	19,800	-1.2%	1,586	-0.3%	12,480	-0.9%	14,419	0.1%	248	0.0%	58.2	0.1%	1,719	0.4%	583	0.0%	36,522	-0.6%	1,607	4.2%	38,128	-0.6%
	2024	19,616	-0.9%	1,583	-0.2%	12,391	-0.7%	14,462	0.3%	248	0.1%	58.3	0.2%	1,729	0.6%	583	0.0%	36,391	-0.4%	1,601	4.2%	37,992	-0.4%
	2025	19,471	-0.7%	1,580	-0.2%	12,321	-0.6%	14,518	0.4%	248	0.2%	58.5	0.2%	1,740	0.6%	583	0.0%	36,313	-0.2%	1,598	4.2%	37,911	-0.2%
	2026	19,344	-0.7%	1,578	-0.1%	12,257	-0.5%	14,584	0.5%	249	0.2%	58.6	0.3%	1,752	0.7%	583	0.0%	36,264	-0.1%	1,596	4.2%	37,860	-0.1%
	2027	19,228	-0.6%	1,576	-0.1%	12,200	-0.5%	14,654	0.5%	249	0.2%	58.8	0.3%	1,764	0.7%	583	0.0%	36,229	-0.1%	1,595	4.2%	37,824	-0.1%
	2028	19,092	-0.7%	1,574	-0.2%	12,133	-0.6%	14,723	0.5%	250	0.2%	59.0	0.3%	1,776	0.7%	583	0.0%	36,173	-0.2%	1,592	4.2%	37,766	-0.2%
	2029	18,951	-0.7%	1,571	-0.1%	12,061	-0.6%	14,791	0.5%	250	0.2%	59.1	0.3%	1,788	0.7%	583	0.0%	36,113	-0.2%	1,589	4.2%	37,703	-0.2%
	2030	18,832	-0.6%	1,569	-0.1%	12,002	-0.5%	14,860	0.5%	251	0.2%	59.3	0.3%	1,799	0.6%	583	0.0%	36,074	-0.1%	1,588	4.2%	37,662	-0.1%
	2031	18,740	-0.5%	1,567	-0.2%	11,963	-0.3%	14,926	0.4%	251	0.2%	59.4	0.3%	1,810	0.6%	583	0.0%	36,059	0.0%	1,587	4.2%	37,646	0.0%
	2032	18,636	-0.6%	1,563	-0.2%	11,921	-0.3%	14,985	0.4%	252	0.2%	59.6	0.2%	1,818	0.5%	583	0.0%	36,023	-0.1%	1,586	4.2%	37,608	-0.1%
	2033	18,523	-0.6%	1,559	-0.2%	11,878	-0.4%	15,037	0.3%	252	0.1%	59.7	0.2%	1,826	0.5%	583	0.0%	35,969	-0.1%	1,583	4.2%	37,552	-0.1%
	2034	18,401	-0.7%	1,555	-0.3%	11,831	-0.4%	15,085	0.3%	252	0.1%	59.8	0.2%	1,835	0.5%	583	0.0%	35,904	-0.2%	1,580	4.2%	37,484	-0.2%
	2035	18,277	-0.7%	1,551	-0.3%	11,784	-0.4%	15,133	0.3%	253	0.1%	59.9	0.2%	1,843	0.5%	583	0.0%	35,837	-0.2%	1,577	4.2%	37,414	-0.2%
	2036	18,138	-0.8%	1,547	-0.3%	11,727	-0.5%	15,184	0.3%	253	0.1%	60.0	0.2%	1,853	0.5%	583	0.0%	35,757	-0.2%	1,574	4.2%	37,331	-0.2%
	2037	17,983	-0.9%	1,542	-0.3%	11,663	-0.5%	15,235	0.3%	253	0.1%	60.1	0.2%	1,860	0.4%	583	0.0%	35,662	-0.3%	1,570	4.2%	37,232	-0.3%
	2038	17,846	-0.8%	1,537	-0.3%	11,610	-0.5%	15,279	0.3%	254	0.1%	60.2	0.2%	1,867	0.3%	583	0.0%	35,575	-0.2%	1,566	4.2%	37,141	-0.2%
CAGR	2009-2018		2.8%		3.1%		-0.2%		0.6%		0.7%		-0.1%		0.3%				1.9%		4.7%		1.7%
	2019-2028		-0.9%		-0.3%		-0.7%		0.1%		0.0%		0.1%		0.1%		0.0%		-0.5%		4.2%		-0.5%
	2029-2038		-0.7%		-0.2%		-0.4%		0.4%		0.2%		0.2%		0.5%		0.0%		-0.2%		4.2%		-0.2%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - High Economic Case

Newberry

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

	Year	Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		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	2009	33,043	-	33,019	-	-0.1%	8.0	-	8.1	-	1.0%	7.7	-	7.7		-0.1%
	2010	34,567	4.6%	32,620	-1.2%	-5.6%	9.5	18.0%	8.2	0.7%	-13.8%	7.6	-1.4%	6.9	-9.6%	-8.4%
	2011	33,524	-3.0%	32,003	-1.9%	-4.5%	8.1	-14.7%	8.5	4.5%	5.6%	7.2	-5.2%	6.4	-7.3%	-10.4%
	2012	31,688	-5.5%	32,170	0.5%	1.5%	7.8	-3.3%	8.5	-0.5%	8.7%	6.3	-12.3%	7.0	9.0%	11.3%
	2013	32,137	1.4%	32,334	0.5%	0.6%	7.4	-5.2%	7.7	-9.1%	4.3%	7.3	16.3%	7.6	8.4%	3.8%
	2014	34,298	6.7%	34,455	6.6%	0.5%	7.6	2.6%	8.7	12.2%	14.0%	7.8	7.3%	8.2	7.5%	4.0%
	2015	36,047	5.1%	35,273	2.4%	-2.1%	8.7	14.2%	8.3	-4.2%	-4.4%	7.8	-0.2%	8.8	7.7%	12.2%
	2016	36,935	2.5%	36,136	2.4%	-2.2%	6.3	-27.3%	8.6	3.5%	36.2%	8.4	7.7%	8.5	-3.5%	0.5%
	2017	35,911	-2.8%	36,511	1.0%	1.7%	5.5	-12.0%	8.2	-4.2%	48.4%	8.2	-2.4%	9.1	7.9%	11.1%
	2018	38,376	6.9%	36,935	1.2%	-3.8%	10.0	79.9%	9.8	19.4%	-1.5%	7.9	-3.9%	7.8	-14.8%	-1.5%
Projected	2019	39,667	3.4%	39,667	7.4%		9.5	-4.9%	9.5	-3.5%		8.8	11.4%	8.8	13.1%	
	2020			41,235	4.0%				9.9	4.4%				9.2	4.4%	
	2021			43,048	4.4%				10.3	4.3%				9.6	4.3%	
	2022			44,683	3.8%				10.7	3.6%				10.0	3.6%	
	2023			46,104	3.2%				11.0	3.1%				10.3	3.1%	
	2024			47,403	2.8%				11.3	2.8%				10.6	2.8%	
	2025			48,652	2.6%				11.6	2.6%				10.8	2.6%	
	2026			49,859	2.5%				11.9	2.5%				11.1	2.5%	
	2027			51,027	2.3%				12.2	2.3%				11.3	2.3%	
	2028			52,115	2.1%				12.4	2.1%				11.6	2.1%	
	2029			53,158	2.0%				12.7	2.0%				11.8	2.0%	
	2030			54,202	2.0%				12.9	2.0%				12.0	2.0%	
	2031			55,259	2.0%				13.2	1.9%				12.3	1.9%	
	2032			56,263	1.8%				13.4	1.8%				12.5	1.8%	
	2033			57,219	1.7%				13.6	1.7%				12.7	1.7%	
	2034			58,136	1.6%				13.9	1.6%				12.9	1.6%	
	2035			59,036	1.5%				14.1	1.5%				13.1	1.5%	
	2036			59,897	1.5%				14.3	1.4%				13.3	1.4%	
	2037			60,712	1.4%				14.5	1.3%				13.5	1.3%	
	2038			61,532	1.4%				14.7	1.4%				13.7	1.4%	
CAGR [3]	2009-2018		1.7%		1.3%			2.4%		2.2%			0.3%		0.2%	
	2019-2028				3.1%					3.1%					3.1%	
	2029-2038				1.6%					1.6%					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 2019 Load Forecast - High Economic Case

Newberry

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	33,043	-	33,019	-	-0.1%	8.6	-	43.8%	7.7	-	49.2%
	2010	34,567	4.6%	32,620	-1.2%	-5.6%	9.5	10.0%	41.7%	7.6	-1.4%	52.2%
	2011	33,524	-3.0%	32,003	-1.9%	-4.5%	8.7	-8.2%	44.1%	7.5	-1.2%	51.2%
	2012	31,688	-5.5%	32,170	0.5%	1.5%	7.8	-10.2%	46.4%	7.5	-0.1%	48.5%
	2013	32,137	1.4%	32,334	0.5%	0.6%	7.4	-5.2%	49.6%	7.5	1.0%	48.7%
	2014	34,298	6.7%	34,455	6.6%	0.5%	7.7	3.8%	51.0%	7.8	4.1%	49.9%
	2015	36,047	5.1%	35,273	2.4%	-2.1%	8.8	15.1%	46.5%	8.5	7.9%	48.6%
	2016	36,935	2.5%	36,136	2.4%	-2.2%	8.6	-3.3%	49.3%	8.5	0.4%	49.6%
	2017	35,911	-2.8%	36,511	1.0%	1.7%	7.8	-8.2%	52.2%	8.3	-1.8%	49.2%
	2018	38,376	6.9%	36,935	1.2%	-3.8%	10.2	29.3%	43.2%	8.6	3.7%	50.7%
Projected	2019	39,667	3.4%	39,667	7.4%		9.7	-4.5%	46.7%	9.1	5.3%	49.7%
	2020	41,235	4.0%	41,235	4.0%		10.1	4.4%	46.5%	9.5	4.4%	49.5%
	2021	43,048	4.4%	43,048	4.4%		10.6	4.3%	46.5%	9.9	4.3%	49.5%
	2022	44,683	3.8%	44,683	3.8%		10.9	3.6%	46.6%	10.3	3.6%	49.6%
	2023	46,104	3.2%	46,104	3.2%		11.3	3.1%	46.7%	10.6	3.1%	49.6%
	2024	47,403	2.8%	47,403	2.8%		11.6	2.8%	46.7%	10.9	2.8%	49.7%
	2025	48,652	2.6%	48,652	2.6%		11.9	2.6%	46.7%	11.2	2.6%	49.7%
	2026	49,859	2.5%	49,859	2.5%		12.2	2.5%	46.7%	11.5	2.5%	49.7%
	2027	51,027	2.3%	51,027	2.3%		12.5	2.3%	46.7%	11.7	2.3%	49.7%
	2028	52,115	2.1%	52,115	2.1%		12.7	2.1%	46.8%	12.0	2.1%	49.7%
	2029	53,158	2.0%	53,158	2.0%		13.0	2.0%	46.8%	12.2	2.0%	49.7%
	2030	54,202	2.0%	54,202	2.0%		13.2	2.0%	46.8%	12.4	2.0%	49.7%
	2031	55,259	2.0%	55,259	2.0%		13.5	1.9%	46.8%	12.7	1.9%	49.8%
	2032	56,263	1.8%	56,263	1.8%		13.7	1.8%	46.8%	12.9	1.8%	49.8%
	2033	57,219	1.7%	57,219	1.7%		14.0	1.7%	46.8%	13.1	1.7%	49.8%
	2034	58,136	1.6%	58,136	1.6%		14.2	1.6%	46.8%	13.3	1.6%	49.8%
	2035	59,036	1.5%	59,036	1.5%		14.4	1.5%	46.8%	13.5	1.5%	49.8%
	2036	59,897	1.5%	59,897	1.5%		14.6	1.4%	46.8%	13.7	1.4%	49.8%
	2037	60,712	1.4%	60,712	1.4%		14.8	1.3%	46.8%	13.9	1.3%	49.8%
	2038	61,532	1.4%	61,532	1.4%		15.0	1.4%	46.8%	14.1	1.4%	49.8%
CAGR [1]	2009-2018		1.7%		1.3%			1.9%	46.8%		1.3%	49.8%
	2019-2028		3.1%		3.1%			3.1%	46.7%		3.1%	49.6%
	2029-2038		1.6%		1.6%			1.6%	46.8%		1.6%	49.8%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - High Economic Case

Newberry

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	2,837	2,542	2,367	2,235	2,708	3,284	3,257	3,231	3,061	2,735	2,159	2,614	33,029	33,043
	2010	3,321	2,813	2,492	2,199	2,999	3,321	3,420	3,417	3,077	2,405	2,231	3,326	35,021	34,567
	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	3,221	2,883	3,034	38,970	38,376
Projected	2019	3,362	2,854	2,810	2,876	3,209	3,755	3,799	3,969	3,893	3,234	2,999	3,120	39,880	39,667
	2020	3,496	3,026	2,940	3,018	3,287	3,914	3,977	4,120	4,107	3,370	3,135	3,251	41,639	41,235
	2021	3,652	3,172	3,073	3,157	3,421	4,086	4,149	4,292	4,289	3,508	3,264	3,381	43,446	43,048
	2022	3,800	3,299	3,191	3,275	3,545	4,236	4,300	4,444	4,441	3,628	3,374	3,494	45,026	44,683
	2023	3,926	3,407	3,292	3,378	3,655	4,366	4,431	4,578	4,574	3,734	3,472	3,595	46,408	46,104
	2024	4,039	3,505	3,385	3,473	3,757	4,488	4,554	4,704	4,699	3,835	3,565	3,692	47,695	47,403
	2025	4,148	3,598	3,474	3,564	3,855	4,604	4,672	4,825	4,819	3,932	3,655	3,784	48,931	48,652
	2026	4,252	3,688	3,560	3,652	3,950	4,718	4,787	4,944	4,937	4,027	3,743	3,876	50,134	49,859
	2027	4,355	3,777	3,644	3,737	4,041	4,827	4,897	5,056	5,047	4,117	3,826	3,960	51,283	51,027
	2028	4,449	3,858	3,722	3,817	4,127	4,928	4,999	5,161	5,152	4,201	3,904	4,041	52,358	52,115
Projected	2029	4,539	3,936	3,797	3,893	4,209	5,026	5,098	5,262	5,252	4,283	3,980	4,119	53,395	53,158
	2030	4,627	4,013	3,871	3,970	4,292	5,125	5,198	5,366	5,357	4,368	4,059	4,201	54,448	54,202
	2031	4,720	4,092	3,947	4,047	4,375	5,224	5,298	5,469	5,458	4,450	4,135	4,279	55,494	55,259
	2032	4,807	4,167	4,019	4,120	4,454	5,318	5,393	5,566	5,555	4,528	4,207	4,354	56,488	56,263
	2033	4,890	4,239	4,087	4,190	4,529	5,407	5,483	5,658	5,646	4,602	4,276	4,424	57,431	57,219
	2034	4,969	4,308	4,153	4,257	4,602	5,493	5,570	5,748	5,735	4,675	4,343	4,494	58,346	58,136
	2035	5,047	4,375	4,217	4,323	4,673	5,578	5,655	5,835	5,822	4,746	4,409	4,561	59,240	59,036
	2036	5,122	4,440	4,279	4,387	4,741	5,658	5,735	5,918	5,904	4,812	4,470	4,624	60,088	59,897
	2037	5,191	4,500	4,338	4,447	4,805	5,734	5,812	5,997	5,983	4,877	4,530	4,685	60,898	60,712
	2038	5,260	4,560	4,396	4,507	4,870	5,812	5,891	6,079	6,065	4,944	4,593	4,750	61,727	61,532

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.6%	7.7%	7.2%	6.8%	8.2%	9.9%	9.9%	9.8%	9.3%	8.3%	6.5%	7.9%	100.0%
	2010	9.5%	8.0%	7.1%	6.3%	8.6%	9.5%	9.8%	9.8%	8.8%	6.9%	6.4%	9.5%	100.0%
	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	9.7%	6.4%	6.7%	6.6%	8.3%	9.4%	9.6%	9.9%	10.0%	8.3%	7.4%	7.8%	100.0%
Projected	2019	8.4%	7.2%	7.0%	7.2%	8.0%	9.4%	9.5%	10.0%	9.8%	8.1%	7.5%	7.8%	100.0%
	2020	8.4%	7.3%	7.1%	7.2%	7.9%	9.4%	9.6%	9.9%	9.9%	8.1%	7.5%	7.8%	100.0%
	2021	8.4%	7.3%	7.1%	7.3%	7.9%	9.4%	9.6%	9.9%	9.9%	8.1%	7.5%	7.8%	100.0%
	2022	8.4%	7.3%	7.1%	7.3%	7.9%	9.4%	9.5%	9.9%	9.9%	8.1%	7.5%	7.8%	100.0%
	2023	8.5%	7.3%	7.1%	7.3%	7.9%	9.4%	9.5%	9.9%	9.9%	8.0%	7.5%	7.7%	100.0%
	2024	8.5%	7.3%	7.1%	7.3%	7.9%	9.4%	9.5%	9.9%	9.9%	8.0%	7.5%	7.7%	100.0%
	2025	8.5%	7.4%	7.1%	7.3%	7.9%	9.4%	9.5%	9.9%	9.8%	8.0%	7.5%	7.7%	100.0%
	2026	8.5%	7.4%	7.1%	7.3%	7.9%	9.4%	9.5%	9.9%	9.8%	8.0%	7.5%	7.7%	100.0%
	2027	8.5%	7.4%	7.1%	7.3%	7.9%	9.4%	9.5%	9.9%	9.8%	8.0%	7.5%	7.7%	100.0%
	2028	8.5%	7.4%	7.1%	7.3%	7.9%	9.4%	9.5%	9.9%	9.8%	8.0%	7.5%	7.7%	100.0%
Avg.	2009-2018	8.5%	7.1%	7.1%	7.1%	8.6%	9.5%	10.0%	10.2%	9.2%	7.9%	6.9%	7.8%	100.0%
	2019-2028	8.5%	7.3%	7.1%	7.3%	7.9%	9.4%	9.5%	9.9%	9.8%	8.1%	7.5%	7.8%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - High Economic Case

Newberry

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	8.6	8.2	6.5	5.1	6.2	7.7	7.0	7.2	6.9	7.0	4.4	6.2	8.6	7.7
	2010	9.5	7.8	6.9	4.9	6.4	7.6	7.5	7.5	7.2	5.7	5.3	8.2	9.5	7.6
	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	7.1	6.3	7.5	10.2	8.6
Projected	2019	9.7	9.1	6.9	6.9	7.9	8.9	8.7	9.1	8.4	7.5	6.6	7.8	9.7	9.1
	2020	10.1	9.5	7.2	7.2	8.3	9.2	9.1	9.5	8.8	7.8	6.9	8.1	10.1	9.5
	2021	10.6	9.9	7.5	7.5	8.6	9.6	9.5	9.9	9.2	8.2	7.2	8.4	10.6	9.9
	2022	10.9	10.3	7.8	7.7	8.9	10.0	9.8	10.3	9.5	8.5	7.4	8.7	10.9	10.3
	2023	11.3	10.6	8.0	8.0	9.2	10.3	10.1	10.6	9.8	8.7	7.6	8.9	11.3	10.6
	2024	11.6	10.9	8.3	8.2	9.5	10.6	10.4	10.9	10.1	9.0	7.8	9.2	11.6	10.9
	2025	11.9	11.2	8.5	8.4	9.7	10.9	10.7	11.2	10.3	9.2	8.0	9.4	11.9	11.2
	2026	12.2	11.4	8.7	8.6	10.0	11.1	10.9	11.5	10.6	9.4	8.1	9.6	12.2	11.5
	2027	12.5	11.7	8.9	8.8	10.2	11.4	11.2	11.7	10.8	9.7	8.3	9.8	12.5	11.7
	2028	12.7	11.9	9.1	9.0	10.4	11.6	11.4	12.0	11.1	9.9	8.5	10.0	12.7	12.0
Projected	2029	13.0	12.2	9.2	9.2	10.6	11.9	11.6	12.2	11.3	10.1	8.7	10.2	13.0	12.2
	2030	13.2	12.4	9.4	9.4	10.8	12.1	11.9	12.4	11.5	10.3	8.8	10.4	13.2	12.4
	2031	13.5	12.7	9.6	9.5	11.0	12.3	12.1	12.7	11.7	10.4	9.0	10.6	13.5	12.7
	2032	13.7	12.9	9.8	9.7	11.2	12.5	12.3	12.9	11.9	10.6	9.1	10.8	13.7	12.9
	2033	14.0	13.1	9.9	9.9	11.4	12.8	12.5	13.1	12.1	10.8	9.3	10.9	14.0	13.1
	2034	14.2	13.3	10.1	10.0	11.6	13.0	12.7	13.3	12.3	11.0	9.4	11.1	14.2	13.3
	2035	14.4	13.5	10.3	10.2	11.8	13.2	12.9	13.5	12.5	11.2	9.5	11.2	14.4	13.5
	2036	14.6	13.7	10.4	10.3	11.9	13.3	13.1	13.7	12.7	11.3	9.7	11.4	14.6	13.7
	2037	14.8	13.9	10.5	10.5	12.1	13.5	13.3	13.9	12.9	11.5	9.8	11.6	14.8	13.9
	2038	15.0	14.1	10.7	10.6	12.3	13.7	13.4	14.1	13.1	11.6	9.9	11.7	15.0	14.1

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	44.3%	45.9%	48.6%	59.3%	64.9%	57.5%	64.4%	59.9%	61.6%	52.8%	65.4%	58.5%	43.8%	49.1%
	2010	47.2%	53.4%	48.3%	60.6%	69.7%	59.0%	63.5%	61.0%	59.5%	56.8%	56.2%	56.6%	42.2%	52.9%
	2011	45.8%	50.1%	66.0%	53.0%	61.7%	58.0%	63.2%	63.0%	61.4%	60.9%	58.8%	58.0%	42.6%	49.5%
	2012	44.3%	40.6%	59.3%	50.9%	64.6%	56.9%	62.4%	60.4%	61.5%	55.6%	49.3%	54.4%	47.1%	49.2%
	2013	53.6%	45.9%	45.3%	56.8%	61.6%	58.0%	60.8%	59.9%	59.1%	56.5%	50.1%	55.0%	49.9%	49.0%
	2014	56.4%	49.6%	55.5%	54.5%	64.5%	57.7%	64.1%	61.9%	59.9%	57.2%	41.8%	56.0%	51.8%	50.7%
	2015	54.1%	46.4%	62.6%	57.8%	64.6%	55.6%	62.4%	62.2%	59.3%	53.5%	53.5%	66.7%	46.4%	48.4%
	2016	48.3%	47.5%	60.6%	50.0%	67.3%	60.4%	64.5%	60.7%	62.2%	55.9%	55.5%	60.9%	49.3%	49.7%
	2017	46.6%	59.2%	47.5%	50.7%	64.6%	56.9%	63.5%	62.4%	61.1%	57.1%	61.6%	49.6%	53.1%	50.0%
	2018	49.9%	62.5%	53.0%	59.0%	65.2%	58.1%	62.6%	61.3%	62.4%	60.8%	61.2%	56.5%	43.8%	51.4%
Projected	2019	46.6%	46.7%	54.7%	56.3%	60.3%	57.0%	60.8%	58.6%	64.1%	57.9%	60.9%	55.6%	47.0%	50.0%
	2020	46.4%	45.8%	54.8%	56.6%	59.1%	56.9%	60.9%	58.2%	64.8%	57.8%	61.0%	55.5%	47.0%	50.0%
	2021	46.5%	47.7%	54.9%	56.8%	59.0%	56.9%	60.9%	58.1%	64.8%	57.7%	61.3%	55.7%	47.0%	50.0%
	2022	46.7%	47.8%	55.0%	56.8%	59.0%	56.9%	60.9%	58.1%	64.8%	57.5%	61.5%	55.9%	47.0%	50.0%
	2023	46.8%	47.9%	55.1%	56.9%	59.0%	56.9%	60.9%	58.0%	64.7%	57.4%	61.6%	55.9%	47.0%	50.0%
	2024	46.8%	46.3%	55.1%	56.9%	59.0%	56.9%	60.9%	58.0%	64.7%	57.4%	61.6%	56.0%	47.0%	50.0%
	2025	46.9%	48.0%	55.1%	56.9%	59.0%	56.9%	60.9%	58.0%	64.7%	57.4%	61.7%	56.0%	47.0%	50.0%
	2026	46.9%	48.0%	55.1%	56.9%	59.0%	56.9%	60.9%	58.0%	64.7%	57.3%	61.8%	56.1%	47.0%	50.0%
	2027	47.0%	48.1%	55.2%	56.9%	59.0%	57.0%	60.9%	58.0%	64.6%	57.3%	61.8%	56.1%	47.0%	50.0%
	2028	47.0%	46.4%	55.2%	56.9%	59.0%	57.0%	60.9%	58.0%	64.6%	57.3%	61.9%	56.1%	47.0%	50.0%
Avg.	2009-2018	49.1%	50.1%	54.7%	55.3%	64.9%	57.8%	63.1%	61.3%	60.8%	56.7%	55.3%	57.2%	47.0%	50.0%
	2019-2028	46.8%	47.3%	55.0%	56.8%	59.1%	56.9%	60.9%	58.1%	64.7%	57.5%	61.5%	55.9%	47.0%	50.0%

FMPA 2019 Load Forecast - High Economic Case

Newberry

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	8.5	8.0	6.4	4.9	6.1	7.7	6.6	7.1	6.8	6.5	3.3	6.2	8.0	7.7
	2010	9.5	7.7	6.9	4.9	6.2	7.6	7.1	7.1	7.1	5.1	4.0	8.1	9.5	7.6
	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	6.8	5.4	6.7	10.0	7.9
Projected	2019	9.5	8.8	6.1	6.5	7.7	8.4	8.3	8.8	7.8	7.2	5.6	7.0	9.5	8.8
	2020	9.9	9.2	6.4	6.8	8.0	8.8	8.6	9.2	8.1	7.5	5.9	7.3	9.9	9.2
	2021	10.3	9.6	6.7	7.0	8.4	9.2	9.0	9.6	8.5	7.8	6.1	7.6	10.3	9.6
	2022	10.7	10.0	6.9	7.3	8.7	9.5	9.3	10.0	8.8	8.1	6.3	7.8	10.7	10.0
	2023	11.0	10.3	7.1	7.5	9.0	9.8	9.6	10.3	9.1	8.3	6.4	8.0	11.0	10.3
	2024	11.3	10.6	7.3	7.7	9.2	10.0	9.9	10.6	9.3	8.6	6.6	8.2	11.3	10.6
	2025	11.6	10.9	7.5	7.9	9.4	10.3	10.1	10.8	9.6	8.8	6.8	8.4	11.6	10.8
	2026	11.9	11.1	7.7	8.1	9.7	10.6	10.4	11.1	9.8	9.0	6.9	8.6	11.9	11.1
	2027	12.2	11.4	7.9	8.3	9.9	10.8	10.6	11.3	10.0	9.2	7.1	8.8	12.2	11.3
	2028	12.4	11.6	8.0	8.5	10.1	11.0	10.8	11.6	10.2	9.4	7.2	9.0	12.4	11.6
Projected	2029	12.7	11.8	8.2	8.7	10.3	11.2	11.0	11.8	10.4	9.6	7.3	9.1	12.7	11.8
	2030	12.9	12.1	8.3	8.8	10.5	11.5	11.3	12.0	10.6	9.8	7.5	9.3	12.9	12.0
	2031	13.2	12.3	8.5	9.0	10.7	11.7	11.5	12.3	10.8	10.0	7.6	9.5	13.2	12.3
	2032	13.4	12.5	8.7	9.2	10.9	11.9	11.7	12.5	11.0	10.1	7.7	9.6	13.4	12.5
	2033	13.6	12.7	8.8	9.3	11.1	12.1	11.9	12.7	11.2	10.3	7.9	9.8	13.6	12.7
	2034	13.9	12.9	8.9	9.5	11.3	12.3	12.1	12.9	11.4	10.5	8.0	9.9	13.9	12.9
	2035	14.1	13.1	9.1	9.6	11.4	12.5	12.3	13.1	11.6	10.6	8.1	10.1	14.1	13.1
	2036	14.3	13.3	9.2	9.7	11.6	12.7	12.4	13.3	11.7	10.8	8.2	10.2	14.3	13.3
	2037	14.5	13.5	9.3	9.9	11.8	12.8	12.6	13.5	11.9	10.9	8.3	10.4	14.5	13.5
	2038	14.7	13.7	9.5	10.0	11.9	13.0	12.8	13.7	12.1	11.1	8.4	10.5	14.7	13.7

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	98.4%	97.2%	97.2%	97.3%	97.8%	100.0%	93.4%	97.9%	99.0%	92.7%	74.1%	100.0%	93.2%	100.0%
	2010	100.0%	98.2%	99.4%	100.0%	96.5%	100.0%	94.3%	94.8%	99.1%	90.3%	74.6%	98.8%	100.0%	100.0%
	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%	95.4%	84.9%	89.7%	98.2%	91.5%
Projected	2019	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2020	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2021	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2022	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2023	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2024	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2025	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2026	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2027	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2028	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2009-2018	97.8%	97.0%	88.5%	94.2%	97.1%	94.8%	94.4%	96.4%	92.4%	94.5%	83.4%	89.9%	92.5%	95.9%
	2019-2028	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%

FMPA 2019 Load Forecast - High Economic Case - Newberry

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	15,262		1,190		12,824		13,916		234		59.5		1,657		0		30,835		2,208	6.7%	33,043	
	2010	17,011	11.5%	1,220	2.5%	13,944	8.7%	13,947	0.2%	233	-0.3%	59.8	0.5%	1,914	15.5%	0		32,872	6.6%	1,695	4.9%	34,567	4.6%
	2011	16,499	-3.0%	1,232	1.0%	13,394	-3.9%	13,820	-0.9%	233	-0.1%	59.3	-0.8%	1,977	3.3%	0		32,296	-1.8%	1,228	3.7%	33,524	-3.0%
	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%
Projected	2019	20,911	6.4%	1,619	3.6%	12,914	2.7%	14,668	-0.2%	251	1.0%	58.4	-1.2%	1,829	7.3%	583	0.0%	37,991	3.7%	1,676	4.2%	39,667	3.4%
	2020	21,793	4.2%	1,668	3.0%	13,068	1.2%	15,158	3.3%	254	1.0%	59.7	2.3%	1,957	7.0%	583	0.0%	39,492	4.0%	1,743	4.2%	41,235	4.0%
	2021	22,797	4.6%	1,729	3.7%	13,184	0.9%	15,802	4.2%	258	1.6%	61.3	2.6%	2,047	4.6%	583	0.0%	41,229	4.4%	1,819	4.2%	43,048	4.4%
	2022	23,736	4.1%	1,786	3.3%	13,291	0.8%	16,348	3.5%	261	1.3%	62.6	2.1%	2,129	4.0%	583	0.0%	42,796	3.8%	1,888	4.2%	44,683	3.8%
	2023	24,551	3.4%	1,836	2.8%	13,370	0.6%	16,815	2.9%	264	1.1%	63.7	1.7%	2,208	3.7%	583	0.0%	44,157	3.2%	1,947	4.2%	46,104	3.2%
	2024	25,280	3.0%	1,883	2.5%	13,425	0.4%	17,253	2.6%	267	1.1%	64.6	1.5%	2,286	3.5%	583	0.0%	45,401	2.8%	2,002	4.2%	47,403	2.8%
	2025	25,977	2.8%	1,928	2.4%	13,477	0.4%	17,675	2.4%	270	1.0%	65.6	1.4%	2,362	3.3%	583	0.0%	46,598	2.6%	2,054	4.2%	48,652	2.6%
	2026	26,646	2.6%	1,971	2.2%	13,522	0.3%	18,087	2.3%	272	1.0%	66.4	1.4%	2,438	3.2%	583	0.0%	47,754	2.5%	2,105	4.2%	49,859	2.5%
	2027	27,290	2.4%	2,012	2.1%	13,564	0.3%	18,489	2.2%	275	0.9%	67.3	1.3%	2,511	3.0%	583	0.0%	48,873	2.3%	2,154	4.2%	51,027	2.3%
	2028	27,871	2.1%	2,052	2.0%	13,585	0.2%	18,878	2.1%	277	0.9%	68.1	1.2%	2,583	2.9%	583	0.0%	49,916	2.1%	2,200	4.2%	52,115	2.1%
	2029	28,419	2.0%	2,091	1.9%	13,594	0.1%	19,257	2.0%	279	0.8%	68.9	1.2%	2,655	2.8%	583	0.0%	50,915	2.0%	2,243	4.2%	53,158	2.0%
	2030	28,975	2.0%	2,129	1.8%	13,612	0.1%	19,629	1.9%	282	0.8%	69.7	1.1%	2,726	2.7%	583	0.0%	51,914	2.0%	2,288	4.2%	54,202	2.0%
	2031	29,555	2.0%	2,166	1.7%	13,648	0.3%	19,994	1.9%	284	0.8%	70.4	1.1%	2,794	2.5%	583	0.0%	52,927	2.0%	2,332	4.2%	55,259	2.0%
	2032	30,102	1.8%	2,201	1.6%	13,677	0.2%	20,343	1.7%	286	0.7%	71.1	1.0%	2,860	2.3%	583	0.0%	53,889	1.8%	2,374	4.2%	56,263	1.8%
	2033	30,619	1.7%	2,235	1.5%	13,700	0.2%	20,678	1.6%	288	0.7%	71.8	1.0%	2,925	2.3%	583	0.0%	54,804	1.7%	2,414	4.2%	57,219	1.7%
	2034	31,107	1.6%	2,268	1.5%	13,716	0.1%	21,004	1.6%	290	0.7%	72.5	0.9%	2,989	2.2%	583	0.0%	55,683	1.6%	2,453	4.2%	58,136	1.6%
	2035	31,580	1.5%	2,300	1.4%	13,728	0.1%	21,328	1.5%	292	0.6%	73.1	0.9%	3,054	2.2%	583	0.0%	56,546	1.5%	2,491	4.2%	59,036	1.5%
	2036	32,013	1.4%	2,332	1.4%	13,726	0.0%	21,654	1.5%	294	0.6%	73.7	0.9%	3,120	2.2%	583	0.0%	57,370	1.5%	2,527	4.2%	59,897	1.5%
	2037	32,407	1.2%	2,363	1.3%	13,714	-0.1%	21,977	1.5%	295	0.6%	74.4	0.9%	3,184	2.0%	583	0.0%	58,151	1.4%	2,561	4.2%	60,712	1.4%
	2038	32,818	1.3%	2,393	1.3%	13,712	0.0%	22,289	1.4%	297	0.6%	75.0	0.8%	3,245	1.9%	583	0.0%	58,936	1.4%	2,596	4.2%	61,532	1.4%
CAGR	2009-2018		2.8%		3.1%		-0.2%		0.6%		0.7%		-0.1%		0.3%				1.9%		4.7%		1.7%
	2019-2028		3.2%		2.7%		0.6%		2.8%		1.1%		1.7%		3.9%		0.0%		3.1%		4.2%		3.1%
	2029-2038		1.6%		1.5%		0.1%		1.6%		0.7%		0.9%		2.3%		0.0%		1.6%		4.2%		1.6%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - Mild Weather Case

Newberry

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

	Year	Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		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	2009	33,043	-	33,019	-	-0.1%	8.0	-	8.1	-	1.0%	7.7	-	7.7		-0.1%
	2010	34,567	4.6%	32,620	-1.2%	-5.6%	9.5	18.0%	8.2	0.7%	-13.8%	7.6	-1.4%	6.9	-9.6%	-8.4%
	2011	33,524	-3.0%	32,003	-1.9%	-4.5%	8.1	-14.7%	8.5	4.5%	5.6%	7.2	-5.2%	6.4	-7.3%	-10.4%
	2012	31,688	-5.5%	32,170	0.5%	1.5%	7.8	-3.3%	8.5	-0.5%	8.7%	6.3	-12.3%	7.0	9.0%	11.3%
	2013	32,137	1.4%	32,334	0.5%	0.6%	7.4	-5.2%	7.7	-9.1%	4.3%	7.3	16.3%	7.6	8.4%	3.8%
	2014	34,298	6.7%	34,455	6.6%	0.5%	7.6	2.6%	8.7	12.2%	14.0%	7.8	7.3%	8.2	7.5%	4.0%
	2015	36,047	5.1%	35,273	2.4%	-2.1%	8.7	14.2%	8.3	-4.2%	-4.4%	7.8	-0.2%	8.8	7.7%	12.2%
	2016	36,935	2.5%	36,136	2.4%	-2.2%	6.3	-27.3%	8.6	3.5%	36.2%	8.4	7.7%	8.5	-3.5%	0.5%
	2017	35,911	-2.8%	36,511	1.0%	1.7%	5.5	-12.0%	8.2	-4.2%	48.4%	8.2	-2.4%	9.1	7.9%	11.1%
	2018	38,376	6.9%	36,935	1.2%	-3.8%	10.0	79.9%	9.8	19.4%	-1.5%	7.9	-3.9%	7.8	-14.8%	-1.5%
Projected	2019	37,858	-1.3%	37,858	2.5%		9.0	-9.6%	9.0	-8.3%		8.4	6.0%	8.4	7.6%	
	2020			38,534	1.8%				9.2	2.1%				8.6	2.1%	
	2021			39,110	1.5%				9.3	1.4%				8.7	1.4%	
	2022			39,653	1.4%				9.5	1.4%				8.8	1.4%	
	2023			40,205	1.4%				9.6	1.4%				8.9	1.4%	
	2024			40,742	1.3%				9.7	1.3%				9.0	1.3%	
	2025			41,280	1.3%				9.8	1.3%				9.2	1.3%	
	2026			41,811	1.3%				10.0	1.3%				9.3	1.3%	
	2027			42,329	1.2%				10.1	1.2%				9.4	1.2%	
	2028			42,799	1.1%				10.2	1.1%				9.5	1.1%	
	2029			43,243	1.0%				10.3	1.0%				9.6	1.0%	
	2030			43,697	1.1%				10.4	1.1%				9.7	1.1%	
	2031			44,168	1.1%				10.5	1.1%				9.8	1.1%	
	2032			44,602	1.0%				10.6	1.0%				9.9	1.0%	
	2033			45,004	0.9%				10.7	0.9%				10.0	0.9%	
	2034			45,382	0.8%				10.8	0.8%				10.1	0.8%	
	2035			45,750	0.8%				10.9	0.8%				10.1	0.8%	
	2036			46,095	0.8%				11.0	0.7%				10.2	0.7%	
	2037			46,410	0.7%				11.0	0.7%				10.3	0.7%	
	2038			46,730	0.7%				11.1	0.7%				10.4	0.7%	
CAGR [3]	2009-2018		1.7%		1.3%			2.4%		2.2%			0.3%		0.2%	
	2019-2028				1.4%					1.4%					1.4%	
	2029-2038				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 2019 Load Forecast - Mild Weather Case

Newberry

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	33,043	-	33,019	-	-0.1%	8.6	-	43.8%	7.7	-	49.2%
	2010	34,567	4.6%	32,620	-1.2%	-5.6%	9.5	10.0%	41.7%	7.6	-1.4%	52.2%
	2011	33,524	-3.0%	32,003	-1.9%	-4.5%	8.7	-8.2%	44.1%	7.5	-1.2%	51.2%
	2012	31,688	-5.5%	32,170	0.5%	1.5%	7.8	-10.2%	46.4%	7.5	-0.1%	48.5%
	2013	32,137	1.4%	32,334	0.5%	0.6%	7.4	-5.2%	49.6%	7.5	1.0%	48.7%
	2014	34,298	6.7%	34,455	6.6%	0.5%	7.7	3.8%	51.0%	7.8	4.1%	49.9%
	2015	36,047	5.1%	35,273	2.4%	-2.1%	8.8	15.1%	46.5%	8.5	7.9%	48.6%
	2016	36,935	2.5%	36,136	2.4%	-2.2%	8.6	-3.3%	49.3%	8.5	0.4%	49.6%
	2017	35,911	-2.8%	36,511	1.0%	1.7%	7.8	-8.2%	52.2%	8.3	-1.8%	49.2%
	2018	38,376	6.9%	36,935	1.2%	-3.8%	10.2	29.3%	43.2%	8.6	3.7%	50.7%
Projected	2019	37,858	-1.3%	37,858	2.5%		9.2	-9.2%	46.9%	8.7	0.2%	49.9%
	2020	38,534	1.8%	38,534	1.8%		9.4	2.1%	46.8%	8.8	2.1%	49.8%
	2021	39,110	1.5%	39,110	1.5%		9.5	1.4%	46.8%	9.0	1.4%	49.8%
	2022	39,653	1.4%	39,653	1.4%		9.7	1.4%	46.8%	9.1	1.4%	49.8%
	2023	40,205	1.4%	40,205	1.4%		9.8	1.4%	46.8%	9.2	1.4%	49.8%
	2024	40,742	1.3%	40,742	1.3%		9.9	1.3%	46.8%	9.3	1.3%	49.8%
	2025	41,280	1.3%	41,280	1.3%		10.1	1.3%	46.8%	9.5	1.3%	49.8%
	2026	41,811	1.3%	41,811	1.3%		10.2	1.3%	46.8%	9.6	1.3%	49.8%
	2027	42,329	1.2%	42,329	1.2%		10.3	1.2%	46.8%	9.7	1.2%	49.8%
	2028	42,799	1.1%	42,799	1.1%		10.4	1.1%	46.8%	9.8	1.1%	49.8%
	2029	43,243	1.0%	43,243	1.0%		10.5	1.0%	46.8%	9.9	1.0%	49.8%
	2030	43,697	1.1%	43,697	1.1%		10.7	1.1%	46.8%	10.0	1.1%	49.8%
	2031	44,168	1.1%	44,168	1.1%		10.8	1.1%	46.8%	10.1	1.1%	49.8%
	2032	44,602	1.0%	44,602	1.0%		10.9	1.0%	46.9%	10.2	1.0%	49.8%
	2033	45,004	0.9%	45,004	0.9%		11.0	0.9%	46.9%	10.3	0.9%	49.8%
	2034	45,382	0.8%	45,382	0.8%		11.1	0.8%	46.9%	10.4	0.8%	49.8%
	2035	45,750	0.8%	45,750	0.8%		11.1	0.8%	46.9%	10.5	0.8%	49.9%
	2036	46,095	0.8%	46,095	0.8%		11.2	0.7%	46.9%	10.6	0.7%	49.9%
	2037	46,410	0.7%	46,410	0.7%		11.3	0.7%	46.9%	10.6	0.7%	49.9%
	2038	46,730	0.7%	46,730	0.7%		11.4	0.7%	46.9%	10.7	0.7%	49.9%
CAGR [1]	2009-2018		1.7%		1.3%			1.9%	46.8%		1.3%	49.8%
	2019-2028		1.4%		1.4%			1.4%	46.8%		1.4%	49.8%
	2029-2038		0.9%		0.9%			0.9%	46.9%		0.9%	49.8%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Mild Weather Case

Newberry

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	2,837	2,542	2,367	2,235	2,708	3,284	3,257	3,231	3,061	2,735	2,159	2,614	33,029	33,043
	2010	3,321	2,813	2,492	2,199	2,999	3,321	3,420	3,417	3,077	2,405	2,231	3,326	35,021	34,567
	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	3,221	2,883	2,843	38,779	38,376
Projected	2019	2,897	2,504	2,683	2,868	3,198	3,660	3,623	3,771	3,705	3,146	2,962	2,882	37,901	37,858
	2020	2,963	2,604	2,754	2,951	3,207	3,731	3,704	3,820	3,810	3,196	3,015	2,924	38,678	38,534
	2021	3,010	2,652	2,798	2,999	3,243	3,783	3,754	3,867	3,868	3,238	3,057	2,963	39,234	39,110
	2022	3,052	2,690	2,837	3,042	3,287	3,836	3,807	3,921	3,924	3,283	3,101	3,004	39,784	39,653
	2023	3,095	2,729	2,877	3,085	3,332	3,889	3,858	3,974	3,977	3,328	3,143	3,045	40,331	40,205
	2024	3,136	2,765	2,916	3,126	3,377	3,941	3,909	4,026	4,030	3,372	3,185	3,086	40,870	40,742
	2025	3,178	2,802	2,955	3,168	3,421	3,993	3,960	4,078	4,082	3,416	3,226	3,125	41,404	41,280
	2026	3,219	2,838	2,993	3,209	3,466	4,044	4,010	4,130	4,134	3,460	3,268	3,166	41,938	41,811
	2027	3,260	2,874	3,031	3,249	3,509	4,093	4,058	4,179	4,182	3,501	3,306	3,202	42,444	42,329
	2028	3,296	2,907	3,065	3,286	3,547	4,138	4,101	4,223	4,226	3,539	3,341	3,235	42,905	42,799
Projected	2029	3,331	2,937	3,098	3,320	3,584	4,180	4,142	4,266	4,269	3,575	3,376	3,268	43,347	43,243
	2030	3,364	2,968	3,130	3,355	3,623	4,225	4,186	4,312	4,315	3,614	3,413	3,305	43,810	43,697
	2031	3,401	3,001	3,165	3,392	3,662	4,269	4,230	4,356	4,359	3,652	3,448	3,338	44,273	44,168
	2032	3,435	3,030	3,196	3,426	3,698	4,311	4,270	4,398	4,400	3,687	3,481	3,369	44,701	44,602
	2033	3,467	3,058	3,226	3,457	3,731	4,349	4,306	4,435	4,438	3,719	3,511	3,398	45,095	45,004
	2034	3,496	3,084	3,253	3,486	3,762	4,385	4,342	4,472	4,474	3,750	3,540	3,426	45,471	45,382
	2035	3,525	3,110	3,280	3,515	3,793	4,420	4,375	4,507	4,509	3,780	3,568	3,453	45,835	45,750
	2036	3,552	3,134	3,306	3,542	3,822	4,452	4,406	4,538	4,541	3,807	3,594	3,477	46,171	46,095
	2037	3,576	3,156	3,329	3,567	3,848	4,482	4,435	4,568	4,571	3,833	3,618	3,501	46,484	46,410
	2038	3,600	3,177	3,352	3,592	3,875	4,513	4,466	4,600	4,603	3,861	3,645	3,527	46,810	46,730

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.6%	7.7%	7.2%	6.8%	8.2%	9.9%	9.9%	9.8%	9.3%	8.3%	6.5%	7.9%	100.0%
	2010	9.5%	8.0%	7.1%	6.3%	8.6%	9.5%	9.8%	9.8%	8.8%	6.9%	6.4%	9.5%	100.0%
	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	9.7%	6.4%	6.8%	6.7%	8.3%	9.5%	9.6%	9.9%	10.0%	8.3%	7.4%	7.3%	100.0%
Projected	2019	7.6%	6.6%	7.1%	7.6%	8.4%	9.7%	9.6%	9.9%	9.8%	8.3%	7.8%	7.6%	100.0%
	2020	7.7%	6.7%	7.1%	7.6%	8.3%	9.6%	9.6%	9.9%	9.9%	8.3%	7.8%	7.6%	100.0%
	2021	7.7%	6.8%	7.1%	7.6%	8.3%	9.6%	9.6%	9.9%	9.9%	8.3%	7.8%	7.6%	100.0%
	2022	7.7%	6.8%	7.1%	7.6%	8.3%	9.6%	9.6%	9.9%	9.9%	8.3%	7.8%	7.6%	100.0%
	2023	7.7%	6.8%	7.1%	7.6%	8.3%	9.6%	9.6%	9.9%	9.9%	8.3%	7.8%	7.5%	100.0%
	2024	7.7%	6.8%	7.1%	7.6%	8.3%	9.6%	9.6%	9.9%	9.9%	8.3%	7.8%	7.5%	100.0%
	2025	7.7%	6.8%	7.1%	7.7%	8.3%	9.6%	9.6%	9.8%	9.9%	8.3%	7.8%	7.5%	100.0%
	2026	7.7%	6.8%	7.1%	7.7%	8.3%	9.6%	9.6%	9.8%	9.9%	8.3%	7.8%	7.5%	100.0%
	2027	7.7%	6.8%	7.1%	7.7%	8.3%	9.6%	9.6%	9.8%	9.9%	8.2%	7.8%	7.5%	100.0%
	2028	7.7%	6.8%	7.1%	7.7%	8.3%	9.6%	9.6%	9.8%	9.9%	8.2%	7.8%	7.5%	100.0%
Avg.	2009-2018	8.6%	7.1%	7.1%	7.1%	8.6%	9.5%	10.0%	10.2%	9.3%	7.9%	6.9%	7.8%	100.0%
	2019-2028	7.7%	6.7%	7.1%	7.6%	8.3%	9.6%	9.6%	9.9%	9.8%	8.3%	7.8%	7.6%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Mild Weather Case

Newberry

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	8.6	8.2	6.5	5.1	6.2	7.7	7.0	7.2	6.9	7.0	4.4	6.2	8.6	7.7
	2010	9.5	7.8	6.9	4.9	6.4	7.6	7.5	7.5	7.2	5.7	5.3	8.2	9.5	7.6
	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	7.1	6.0	7.1	10.2	8.6
Projected	2019	9.2	8.6	6.6	6.5	7.5	8.4	8.3	8.7	8.0	7.1	6.1	7.2	9.2	8.7
	2020	9.4	8.8	6.7	6.7	7.7	8.6	8.4	8.8	8.2	7.3	6.2	7.3	9.4	8.8
	2021	9.5	8.9	6.8	6.8	7.8	8.7	8.5	9.0	8.3	7.4	6.3	7.5	9.5	9.0
	2022	9.7	9.1	6.9	6.8	7.9	8.8	8.7	9.1	8.4	7.5	6.4	7.6	9.7	9.1
	2023	9.8	9.2	7.0	6.9	8.0	9.0	8.8	9.2	8.5	7.6	6.5	7.7	9.8	9.2
	2024	9.9	9.3	7.1	7.0	8.1	9.1	8.9	9.3	8.6	7.7	6.6	7.8	9.9	9.3
	2025	10.1	9.4	7.2	7.1	8.2	9.2	9.0	9.5	8.8	7.8	6.7	7.9	10.1	9.5
	2026	10.2	9.6	7.3	7.2	8.3	9.3	9.1	9.6	8.9	7.9	6.7	7.9	10.2	9.6
	2027	10.3	9.7	7.4	7.3	8.4	9.4	9.2	9.7	9.0	8.0	6.8	8.0	10.3	9.7
	2028	10.4	9.8	7.4	7.4	8.5	9.5	9.3	9.8	9.1	8.1	6.9	8.1	10.4	9.8
Projected	2029	10.5	9.9	7.5	7.5	8.6	9.6	9.4	9.9	9.2	8.2	7.0	8.2	10.5	9.9
	2030	10.7	10.0	7.6	7.5	8.7	9.7	9.5	10.0	9.3	8.3	7.0	8.3	10.7	10.0
	2031	10.8	10.1	7.7	7.6	8.8	9.8	9.6	10.1	9.4	8.3	7.1	8.4	10.8	10.1
	2032	10.9	10.2	7.7	7.7	8.9	9.9	9.7	10.2	9.5	8.4	7.2	8.4	10.9	10.2
	2033	11.0	10.3	7.8	7.8	9.0	10.0	9.8	10.3	9.5	8.5	7.2	8.5	11.0	10.3
	2034	11.1	10.4	7.9	7.8	9.0	10.1	9.9	10.4	9.6	8.6	7.3	8.6	11.1	10.4
	2035	11.1	10.5	7.9	7.9	9.1	10.2	10.0	10.5	9.7	8.6	7.3	8.6	11.1	10.5
	2036	11.2	10.5	8.0	7.9	9.2	10.3	10.1	10.6	9.8	8.7	7.4	8.7	11.2	10.6
	2037	11.3	10.6	8.1	8.0	9.2	10.3	10.1	10.6	9.8	8.8	7.4	8.8	11.3	10.6
	2038	11.4	10.7	8.1	8.1	9.3	10.4	10.2	10.7	9.9	8.8	7.5	8.8	11.4	10.7

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	44.3%	45.9%	48.6%	59.3%	64.9%	57.5%	64.4%	59.9%	61.6%	52.8%	65.4%	58.5%	43.8%	49.1%
	2010	47.2%	53.4%	48.3%	60.6%	69.7%	59.0%	63.5%	61.0%	59.5%	56.8%	56.2%	56.6%	42.2%	52.9%
	2011	45.8%	50.1%	66.0%	53.0%	61.7%	58.0%	63.2%	63.0%	61.4%	60.9%	58.8%	58.0%	42.6%	49.5%
	2012	44.3%	40.6%	59.3%	50.9%	64.6%	56.9%	62.4%	60.4%	61.5%	55.6%	49.3%	54.4%	47.1%	49.2%
	2013	53.6%	45.9%	45.3%	56.8%	61.6%	58.0%	60.8%	59.9%	59.1%	56.5%	50.1%	55.0%	49.9%	49.0%
	2014	56.4%	49.6%	55.5%	54.5%	64.5%	57.7%	64.1%	61.9%	59.9%	57.2%	41.8%	56.0%	51.8%	50.7%
	2015	54.1%	46.4%	62.6%	57.8%	64.6%	55.6%	62.4%	62.2%	59.3%	53.5%	53.5%	66.7%	46.4%	48.4%
	2016	48.3%	47.5%	60.6%	50.0%	67.3%	60.4%	64.5%	60.7%	62.2%	55.9%	55.5%	60.9%	49.3%	49.7%
	2017	46.6%	59.2%	47.5%	50.7%	64.6%	56.9%	63.5%	62.4%	61.1%	57.1%	61.6%	49.6%	53.1%	50.0%
	2018	49.9%	62.5%	53.0%	59.0%	65.2%	58.1%	62.6%	61.3%	62.4%	60.8%	64.3%	55.6%	43.6%	51.2%
Projected	2019	42.3%	43.1%	54.9%	59.1%	63.2%	58.4%	60.9%	58.5%	64.2%	59.2%	64.8%	55.3%	47.0%	49.9%
	2020	42.4%	42.4%	55.3%	59.6%	62.1%	58.3%	61.1%	58.1%	64.7%	59.0%	65.0%	55.3%	47.0%	49.9%
	2021	42.4%	44.1%	55.3%	59.7%	61.9%	58.3%	61.0%	58.0%	64.7%	58.9%	65.0%	55.2%	47.0%	49.9%
	2022	42.4%	44.1%	55.3%	59.7%	61.8%	58.3%	61.0%	58.0%	64.8%	58.9%	65.0%	55.2%	47.0%	49.9%
	2023	42.4%	44.1%	55.4%	59.7%	61.8%	58.3%	61.0%	57.9%	64.7%	58.9%	65.0%	55.2%	47.0%	49.9%
	2024	42.4%	42.6%	55.4%	59.7%	61.9%	58.3%	61.0%	57.9%	64.7%	58.9%	65.1%	55.3%	47.0%	49.9%
	2025	42.4%	44.2%	55.4%	59.7%	61.9%	58.3%	61.0%	57.9%	64.7%	58.9%	65.1%	55.3%	47.0%	49.9%
	2026	42.4%	44.2%	55.4%	59.7%	61.9%	58.3%	61.0%	57.9%	64.7%	58.9%	65.1%	55.3%	47.0%	49.9%
	2027	42.5%	44.2%	55.4%	59.8%	61.9%	58.3%	61.0%	57.9%	64.7%	58.9%	65.2%	55.3%	47.0%	49.9%
	2028	42.5%	42.7%	55.4%	59.8%	61.9%	58.3%	60.9%	57.9%	64.7%	58.9%	65.2%	55.4%	47.0%	49.9%
Avg.	2009-2018	49.1%	50.1%	54.7%	55.3%	64.9%	57.8%	63.1%	61.3%	60.8%	56.7%	55.7%	57.1%	47.0%	50.0%
	2019-2028	42.4%	43.6%	55.3%	59.6%	62.0%	58.3%	61.0%	58.0%	64.7%	58.9%	65.0%	55.3%	47.0%	49.9%

FMPA 2019 Load Forecast - Mild Weather Case

Newberry

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	8.5	8.0	6.4	4.9	6.1	7.7	6.6	7.1	6.8	6.5	3.3	6.2	8.0	7.7
	2010	9.5	7.7	6.9	4.9	6.2	7.6	7.1	7.1	7.1	5.1	4.0	8.1	9.5	7.6
	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	6.8	5.1	6.4	10.0	7.9
Projected	2019	9.0	8.4	5.8	6.1	7.3	8.0	7.8	8.4	7.4	6.8	5.2	6.5	9.0	8.4
	2020	9.2	8.6	5.9	6.3	7.5	8.2	8.0	8.6	7.6	7.0	5.3	6.6	9.2	8.6
	2021	9.3	8.7	6.0	6.4	7.6	8.3	8.1	8.7	7.7	7.1	5.4	6.7	9.3	8.7
	2022	9.5	8.8	6.1	6.5	7.7	8.4	8.2	8.8	7.8	7.2	5.4	6.8	9.5	8.8
	2023	9.6	9.0	6.2	6.5	7.8	8.5	8.4	8.9	7.9	7.3	5.5	6.9	9.6	8.9
	2024	9.7	9.1	6.3	6.6	7.9	8.6	8.5	9.0	8.0	7.3	5.6	7.0	9.7	9.0
	2025	9.8	9.2	6.3	6.7	8.0	8.7	8.6	9.2	8.1	7.4	5.7	7.0	9.8	9.2
	2026	10.0	9.3	6.4	6.8	8.1	8.8	8.7	9.3	8.2	7.5	5.7	7.1	10.0	9.3
	2027	10.1	9.4	6.5	6.9	8.2	8.9	8.8	9.4	8.3	7.6	5.8	7.2	10.1	9.4
	2028	10.2	9.5	6.6	7.0	8.3	9.0	8.9	9.5	8.4	7.7	5.8	7.3	10.2	9.5
Projected	2029	10.3	9.6	6.6	7.0	8.4	9.1	9.0	9.6	8.5	7.8	5.9	7.4	10.3	9.6
	2030	10.4	9.7	6.7	7.1	8.5	9.2	9.1	9.7	8.6	7.9	6.0	7.4	10.4	9.7
	2031	10.5	9.8	6.8	7.2	8.5	9.3	9.2	9.8	8.7	8.0	6.0	7.5	10.5	9.8
	2032	10.6	9.9	6.9	7.3	8.6	9.4	9.3	9.9	8.7	8.0	6.1	7.6	10.6	9.9
	2033	10.7	10.0	6.9	7.3	8.7	9.5	9.3	10.0	8.8	8.1	6.1	7.6	10.7	10.0
	2034	10.8	10.1	7.0	7.4	8.8	9.6	9.4	10.1	8.9	8.2	6.2	7.7	10.8	10.1
	2035	10.9	10.2	7.0	7.4	8.8	9.7	9.5	10.1	9.0	8.2	6.2	7.8	10.9	10.1
	2036	11.0	10.2	7.1	7.5	8.9	9.7	9.6	10.2	9.0	8.3	6.3	7.8	11.0	10.2
	2037	11.0	10.3	7.1	7.5	9.0	9.8	9.6	10.3	9.1	8.4	6.3	7.9	11.0	10.3
	2038	11.1	10.4	7.2	7.6	9.0	9.9	9.7	10.4	9.1	8.4	6.4	7.9	11.1	10.4

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	98.4%	97.2%	97.2%	97.3%	97.8%	100.0%	93.4%	97.9%	99.0%	92.7%	74.1%	100.0%	93.2%	100.0%
	2010	100.0%	98.2%	99.4%	100.0%	96.5%	100.0%	94.3%	94.8%	99.1%	90.3%	74.6%	98.8%	100.0%	100.0%
	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%	95.4%	84.9%	89.7%	98.2%	91.5%
Projected	2019	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2020	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2021	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2022	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2023	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2024	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2025	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2026	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2027	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2028	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2009-2018	97.8%	97.0%	88.5%	94.2%	97.1%	94.8%	94.4%	96.4%	92.4%	94.5%	83.4%	89.9%	92.5%	95.9%
	2019-2028	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%

FMPA 2019 Load Forecast - Mild Weather Case - Newberry

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	15,262		1,190		12,824		13,916		234		59.5		1,657		0		30,835		2,208	6.7%	33,043	
	2010	17,011	11.5%	1,220	2.5%	13,944	8.7%	13,947	0.2%	233	-0.3%	59.8	0.5%	1,914	15.5%	0		32,872	6.6%	1,695	4.9%	34,567	4.6%
	2011	16,499	-3.0%	1,232	1.0%	13,394	-3.9%	13,820	-0.9%	233	-0.1%	59.3	-0.8%	1,977	3.3%	0		32,296	-1.8%	1,228	3.7%	33,524	-3.0%
	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%
Projected	2019	19,372	-1.4%	1,617	3.4%	11,983	-4.7%	14,517	-1.2%	251	0.9%	57.9	-2.2%	1,776	4.2%	583	0.0%	36,248	-1.1%	1,610	4.3%	37,858	-1.3%
	2020	19,748	1.9%	1,643	1.6%	12,022	0.3%	14,745	1.6%	252	0.4%	58.6	1.2%	1,817	2.3%	583	0.0%	36,893	1.8%	1,641	4.3%	38,534	1.8%
	2021	20,009	1.3%	1,665	1.4%	12,017	0.0%	14,995	1.7%	253	0.5%	59.3	1.2%	1,858	2.3%	583	0.0%	37,446	1.5%	1,665	4.3%	39,110	1.5%
	2022	20,237	1.1%	1,687	1.3%	11,993	-0.2%	15,244	1.7%	255	0.6%	59.9	1.1%	1,900	2.3%	583	0.0%	37,965	1.4%	1,688	4.3%	39,653	1.4%
	2023	20,476	1.2%	1,710	1.3%	11,977	-0.1%	15,492	1.6%	256	0.6%	60.5	1.0%	1,942	2.2%	583	0.0%	38,493	1.4%	1,711	4.3%	40,205	1.4%
	2024	20,704	1.1%	1,731	1.2%	11,964	-0.1%	15,735	1.6%	258	0.6%	61.0	0.9%	1,985	2.2%	583	0.0%	39,008	1.3%	1,734	4.3%	40,742	1.3%
	2025	20,933	1.1%	1,751	1.2%	11,957	-0.1%	15,978	1.5%	259	0.6%	61.6	0.9%	2,028	2.2%	583	0.0%	39,523	1.3%	1,757	4.3%	41,280	1.3%
	2026	21,157	1.1%	1,770	1.1%	11,951	-0.1%	16,220	1.5%	261	0.6%	62.1	0.9%	2,071	2.1%	583	0.0%	40,031	1.3%	1,780	4.3%	41,811	1.3%
	2027	21,372	1.0%	1,789	1.1%	11,946	0.0%	16,459	1.5%	263	0.6%	62.7	0.9%	2,113	2.0%	583	0.0%	40,528	1.2%	1,801	4.3%	42,329	1.2%
	2028	21,548	0.8%	1,807	1.0%	11,927	-0.2%	16,691	1.4%	264	0.6%	63.2	0.8%	2,154	1.9%	583	0.0%	40,977	1.1%	1,821	4.3%	42,799	1.1%
	2029	21,705	0.7%	1,824	1.0%	11,900	-0.2%	16,919	1.4%	266	0.6%	63.7	0.8%	2,195	1.9%	583	0.0%	41,403	1.0%	1,840	4.3%	43,243	1.0%
	2030	21,874	0.8%	1,841	0.9%	11,883	-0.1%	17,144	1.3%	267	0.6%	64.2	0.8%	2,236	1.8%	583	0.0%	41,837	1.0%	1,860	4.3%	43,697	1.1%
	2031	22,067	0.9%	1,857	0.9%	11,884	0.0%	17,364	1.3%	269	0.5%	64.6	0.7%	2,275	1.7%	583	0.0%	42,288	1.1%	1,879	4.3%	44,168	1.1%
	2032	22,237	0.8%	1,872	0.8%	11,880	0.0%	17,573	1.2%	270	0.5%	65.1	0.7%	2,311	1.6%	583	0.0%	42,704	1.0%	1,898	4.3%	44,602	1.0%
	2033	22,389	0.7%	1,886	0.7%	11,873	-0.1%	17,771	1.1%	271	0.5%	65.5	0.7%	2,347	1.5%	583	0.0%	43,090	0.9%	1,915	4.3%	45,004	0.9%
	2034	22,523	0.6%	1,899	0.7%	11,860	-0.1%	17,963	1.1%	273	0.5%	65.9	0.6%	2,382	1.5%	583	0.0%	43,451	0.8%	1,931	4.3%	45,382	0.8%
	2035	22,648	0.6%	1,912	0.7%	11,846	-0.1%	18,154	1.1%	274	0.4%	66.3	0.6%	2,419	1.5%	583	0.0%	43,804	0.8%	1,946	4.3%	45,750	0.8%
	2036	22,748	0.4%	1,924	0.7%	11,821	-0.2%	18,348	1.1%	275	0.4%	66.7	0.6%	2,455	1.5%	583	0.0%	44,134	0.8%	1,961	4.3%	46,095	0.8%
	2037	22,822	0.3%	1,936	0.6%	11,788	-0.3%	18,540	1.0%	276	0.4%	67.1	0.6%	2,490	1.4%	583	0.0%	44,436	0.7%	1,974	4.3%	46,410	0.7%
	2038	22,911	0.4%	1,948	0.6%	11,764	-0.2%	18,724	1.0%	277	0.4%	67.5	0.6%	2,523	1.3%	583	0.0%	44,742	0.7%	1,988	4.3%	46,730	0.7%
CAGR	2009-2018		2.8%		3.1%		-0.2%		0.6%		0.7%		-0.1%		0.3%				1.9%		4.7%		1.7%
	2019-2028		1.2%		1.2%		-0.1%		1.6%		0.6%		1.0%		2.2%		0.0%		1.4%		4.3%		1.4%
	2029-2038		0.6%		0.7%		-0.1%		1.1%		0.5%		0.7%		1.6%		0.0%		0.9%		4.3%		0.9%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - Severe Weather Case

Newberry

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

	Year	Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		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	2009	33,043	-	33,019	-	-0.1%	8.0	-	8.1	-	1.0%	7.7	-	7.7		-0.1%
	2010	34,567	4.6%	32,620	-1.2%	-5.6%	9.5	18.0%	8.2	0.7%	-13.8%	7.6	-1.4%	6.9	-9.6%	-8.4%
	2011	33,524	-3.0%	32,003	-1.9%	-4.5%	8.1	-14.7%	8.5	4.5%	5.6%	7.2	-5.2%	6.4	-7.3%	-10.4%
	2012	31,688	-5.5%	32,170	0.5%	1.5%	7.8	-3.3%	8.5	-0.5%	8.7%	6.3	-12.3%	7.0	9.0%	11.3%
	2013	32,137	1.4%	32,334	0.5%	0.6%	7.4	-5.2%	7.7	-9.1%	4.3%	7.3	16.3%	7.6	8.4%	3.8%
	2014	34,298	6.7%	34,455	6.6%	0.5%	7.6	2.6%	8.7	12.2%	14.0%	7.8	7.3%	8.2	7.5%	4.0%
	2015	36,047	5.1%	35,273	2.4%	-2.1%	8.7	14.2%	8.3	-4.2%	-4.4%	7.8	-0.2%	8.8	7.7%	12.2%
	2016	36,935	2.5%	36,136	2.4%	-2.2%	6.3	-27.3%	8.6	3.5%	36.2%	8.4	7.7%	8.5	-3.5%	0.5%
	2017	35,911	-2.8%	36,511	1.0%	1.7%	5.5	-12.0%	8.2	-4.2%	48.4%	8.2	-2.4%	9.1	7.9%	11.1%
	2018	38,376	6.9%	36,935	1.2%	-3.8%	10.0	79.9%	9.8	19.4%	-1.5%	7.9	-3.9%	7.8	-14.8%	-1.5%
Projected	2019	41,506	8.2%	41,506	12.4%		9.9	-0.7%	9.9	0.7%		9.2	16.4%	9.2	18.1%	
	2020			42,403	2.2%				10.1	2.1%				9.4	2.1%	
	2021			43,038	1.5%				10.2	1.4%				9.5	1.4%	
	2022			43,628	1.4%				10.4	1.4%				9.7	1.4%	
	2023			44,229	1.4%				10.5	1.4%				9.8	1.4%	
	2024			44,812	1.3%				10.7	1.3%				9.9	1.3%	
	2025			45,397	1.3%				10.8	1.3%				10.1	1.3%	
	2026			45,974	1.3%				10.9	1.3%				10.2	1.3%	
	2027			46,538	1.2%				11.1	1.2%				10.3	1.2%	
	2028			47,044	1.1%				11.2	1.1%				10.4	1.1%	
	2029			47,522	1.0%				11.3	1.0%				10.5	1.0%	
	2030			48,011	1.0%				11.4	1.0%				10.6	1.0%	
	2031			48,522	1.1%				11.5	1.0%				10.8	1.0%	
	2032			48,992	1.0%				11.7	1.0%				10.9	1.0%	
	2033			49,427	0.9%				11.8	0.9%				10.9	0.9%	
	2034			49,833	0.8%				11.9	0.8%				11.0	0.8%	
	2035			50,229	0.8%				11.9	0.8%				11.1	0.8%	
	2036			50,596	0.7%				12.0	0.7%				11.2	0.7%	
	2037			50,929	0.7%				12.1	0.7%				11.3	0.7%	
	2038			51,268	0.7%				12.2	0.7%				11.4	0.7%	
CAGR [3]	2009-2018		1.7%		1.3%			2.4%		2.2%			0.3%		0.2%	
	2019-2028				1.4%					1.4%					1.4%	
	2029-2038				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 2019 Load Forecast - Severe Weather Case

Newberry

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	33,043	-	33,019	-	-0.1%	8.6	-	43.8%	7.7	-	49.2%
	2010	34,567	4.6%	32,620	-1.2%	-5.6%	9.5	10.0%	41.7%	7.6	-1.4%	52.2%
	2011	33,524	-3.0%	32,003	-1.9%	-4.5%	8.7	-8.2%	44.1%	7.5	-1.2%	51.2%
	2012	31,688	-5.5%	32,170	0.5%	1.5%	7.8	-10.2%	46.4%	7.5	-0.1%	48.5%
	2013	32,137	1.4%	32,334	0.5%	0.6%	7.4	-5.2%	49.6%	7.5	1.0%	48.7%
	2014	34,298	6.7%	34,455	6.6%	0.5%	7.7	3.8%	51.0%	7.8	4.1%	49.9%
	2015	36,047	5.1%	35,273	2.4%	-2.1%	8.8	15.1%	46.5%	8.5	7.9%	48.6%
	2016	36,935	2.5%	36,136	2.4%	-2.2%	8.6	-3.3%	49.3%	8.5	0.4%	49.6%
	2017	35,911	-2.8%	36,511	1.0%	1.7%	7.8	-8.2%	52.2%	8.3	-1.8%	49.2%
	2018	38,376	6.9%	36,935	1.2%	-3.8%	10.2	29.3%	43.2%	8.6	3.7%	50.7%
Projected	2019	41,506	8.2%	41,506	12.4%		10.1	-0.3%	46.8%	9.5	10.0%	49.8%
	2020	42,403	2.2%	42,403	2.2%		10.3	2.1%	46.8%	9.7	2.1%	49.8%
	2021	43,038	1.5%	43,038	1.5%		10.5	1.4%	46.9%	9.9	1.4%	49.8%
	2022	43,628	1.4%	43,628	1.4%		10.6	1.4%	46.9%	10.0	1.4%	49.8%
	2023	44,229	1.4%	44,229	1.4%		10.8	1.4%	46.9%	10.1	1.4%	49.8%
	2024	44,812	1.3%	44,812	1.3%		10.9	1.3%	46.9%	10.3	1.3%	49.8%
	2025	45,397	1.3%	45,397	1.3%		11.1	1.3%	46.9%	10.4	1.3%	49.9%
	2026	45,974	1.3%	45,974	1.3%		11.2	1.3%	46.9%	10.5	1.3%	49.9%
	2027	46,538	1.2%	46,538	1.2%		11.3	1.2%	46.9%	10.7	1.2%	49.9%
	2028	47,044	1.1%	47,044	1.1%		11.5	1.1%	46.9%	10.8	1.1%	49.9%
	2029	47,522	1.0%	47,522	1.0%		11.6	1.0%	46.9%	10.9	1.0%	49.9%
	2030	48,011	1.0%	48,011	1.0%		11.7	1.0%	46.9%	11.0	1.0%	49.9%
	2031	48,522	1.1%	48,522	1.1%		11.8	1.0%	46.9%	11.1	1.0%	49.9%
	2032	48,992	1.0%	48,992	1.0%		11.9	1.0%	46.9%	11.2	1.0%	49.9%
	2033	49,427	0.9%	49,427	0.9%		12.0	0.9%	46.9%	11.3	0.9%	49.9%
	2034	49,833	0.8%	49,833	0.8%		12.1	0.8%	46.9%	11.4	0.8%	49.9%
	2035	50,229	0.8%	50,229	0.8%		12.2	0.8%	46.9%	11.5	0.8%	49.9%
	2036	50,596	0.7%	50,596	0.7%		12.3	0.7%	46.9%	11.6	0.7%	49.9%
	2037	50,929	0.7%	50,929	0.7%		12.4	0.7%	46.9%	11.6	0.7%	49.9%
	2038	51,268	0.7%	51,268	0.7%		12.5	0.7%	46.9%	11.7	0.7%	49.9%
CAGR [1]	2009-2018		1.7%		1.3%			1.9%	46.8%		1.3%	49.8%
	2019-2028		1.4%		1.4%			1.4%	46.9%		1.4%	49.8%
	2029-2038		0.8%		0.8%			0.8%	46.9%		0.8%	49.9%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Severe Weather Case

Newberry

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	2,837	2,542	2,367	2,235	2,708	3,284	3,257	3,231	3,061	2,735	2,159	2,614	33,029	33,043
	2010	3,321	2,813	2,492	2,199	2,999	3,321	3,420	3,417	3,077	2,405	2,231	3,326	35,021	34,567
	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	3,221	2,883	3,248	39,184	38,376
Projected	2019	3,958	3,289	2,939	2,868	3,198	3,818	3,940	4,120	4,022	3,255	2,962	3,291	41,660	41,506
	2020	4,052	3,434	3,019	2,951	3,207	3,892	4,029	4,173	4,139	3,305	3,015	3,337	42,553	42,403
	2021	4,116	3,500	3,067	2,999	3,243	3,947	4,083	4,224	4,201	3,348	3,057	3,380	43,167	43,038
	2022	4,171	3,548	3,110	3,042	3,287	4,002	4,140	4,282	4,261	3,395	3,101	3,427	43,766	43,628
	2023	4,228	3,597	3,153	3,085	3,332	4,057	4,196	4,339	4,319	3,441	3,143	3,472	44,361	44,229
	2024	4,281	3,643	3,195	3,126	3,377	4,111	4,251	4,396	4,376	3,488	3,185	3,518	44,947	44,812
	2025	4,336	3,690	3,237	3,168	3,421	4,165	4,305	4,453	4,432	3,533	3,226	3,562	45,528	45,397
	2026	4,389	3,736	3,278	3,209	3,466	4,218	4,360	4,509	4,488	3,578	3,268	3,608	46,107	45,974
	2027	4,443	3,782	3,319	3,249	3,509	4,269	4,411	4,562	4,540	3,620	3,306	3,648	46,658	46,538
	2028	4,490	3,822	3,355	3,286	3,547	4,315	4,457	4,610	4,587	3,659	3,341	3,685	47,156	47,044
Projected	2029	4,533	3,859	3,390	3,320	3,584	4,359	4,502	4,656	4,633	3,696	3,376	3,721	47,630	47,522
	2030	4,576	3,897	3,425	3,355	3,623	4,405	4,549	4,705	4,683	3,737	3,413	3,762	48,130	48,011
	2031	4,624	3,938	3,462	3,392	3,662	4,452	4,596	4,754	4,731	3,775	3,448	3,799	48,633	48,522
	2032	4,668	3,975	3,496	3,426	3,698	4,495	4,639	4,798	4,775	3,811	3,481	3,834	49,096	48,992
	2033	4,709	4,010	3,527	3,457	3,731	4,534	4,679	4,839	4,815	3,844	3,511	3,866	49,521	49,427
	2034	4,745	4,042	3,556	3,486	3,762	4,571	4,716	4,878	4,854	3,876	3,540	3,897	49,926	49,833
	2035	4,782	4,073	3,585	3,515	3,793	4,608	4,753	4,916	4,891	3,907	3,568	3,926	50,317	50,229
	2036	4,815	4,102	3,612	3,542	3,822	4,641	4,786	4,950	4,925	3,935	3,594	3,952	50,675	50,596
	2037	4,844	4,127	3,636	3,567	3,848	4,672	4,817	4,982	4,957	3,961	3,618	3,977	51,006	50,929
	2038	4,872	4,152	3,661	3,592	3,875	4,704	4,849	5,016	4,991	3,990	3,645	4,005	51,352	51,268

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.6%	7.7%	7.2%	6.8%	8.2%	9.9%	9.9%	9.8%	9.3%	8.3%	6.5%	7.9%	100.0%
	2010	9.5%	8.0%	7.1%	6.3%	8.6%	9.5%	9.8%	9.8%	8.8%	6.9%	6.4%	9.5%	100.0%
	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%	8.2%	7.4%	8.3%	100.0%
Projected	2019	9.5%	7.9%	7.1%	6.9%	7.7%	9.2%	9.5%	9.9%	9.7%	7.8%	7.1%	7.9%	100.0%
	2020	9.5%	8.1%	7.1%	6.9%	7.5%	9.1%	9.5%	9.8%	9.7%	7.8%	7.1%	7.8%	100.0%
	2021	9.5%	8.1%	7.1%	6.9%	7.5%	9.1%	9.5%	9.8%	9.7%	7.8%	7.1%	7.8%	100.0%
	2022	9.5%	8.1%	7.1%	6.9%	7.5%	9.1%	9.5%	9.8%	9.7%	7.8%	7.1%	7.8%	100.0%
	2023	9.5%	8.1%	7.1%	7.0%	7.5%	9.1%	9.5%	9.8%	9.7%	7.8%	7.1%	7.8%	100.0%
	2024	9.5%	8.1%	7.1%	7.0%	7.5%	9.1%	9.5%	9.8%	9.7%	7.8%	7.1%	7.8%	100.0%
	2025	9.5%	8.1%	7.1%	7.0%	7.5%	9.1%	9.5%	9.8%	9.7%	7.8%	7.1%	7.8%	100.0%
	2026	9.5%	8.1%	7.1%	7.0%	7.5%	9.1%	9.5%	9.8%	9.7%	7.8%	7.1%	7.8%	100.0%
	2027	9.5%	8.1%	7.1%	7.0%	7.5%	9.1%	9.5%	9.8%	9.7%	7.8%	7.1%	7.8%	100.0%
	2028	9.5%	8.1%	7.1%	7.0%	7.5%	9.2%	9.5%	9.8%	9.7%	7.8%	7.1%	7.8%	100.0%
Avg.	2009-2018	8.5%	7.1%	7.1%	7.1%	8.6%	9.5%	10.0%	10.2%	9.2%	7.9%	6.9%	7.9%	100.0%
	2019-2028	9.5%	8.1%	7.1%	6.9%	7.5%	9.1%	9.5%	9.8%	9.7%	7.8%	7.1%	7.8%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Severe Weather Case

Newberry

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	8.6	8.2	6.5	5.1	6.2	7.7	7.0	7.2	6.9	7.0	4.4	6.2	8.6	7.7
	2010	9.5	7.8	6.9	4.9	6.4	7.6	7.5	7.5	7.2	5.7	5.3	8.2	9.5	7.6
	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	7.1	6.6	7.8	10.2	8.6
Projected	2019	10.1	9.5	7.2	7.2	8.3	9.2	9.1	9.5	8.8	7.8	6.8	8.0	10.1	9.5
	2020	10.3	9.7	7.4	7.3	8.5	9.4	9.3	9.7	9.0	8.0	6.9	8.1	10.3	9.7
	2021	10.5	9.8	7.5	7.4	8.6	9.6	9.4	9.9	9.1	8.1	6.9	8.2	10.5	9.9
	2022	10.6	10.0	7.6	7.5	8.7	9.7	9.5	10.0	9.2	8.2	7.0	8.3	10.6	10.0
	2023	10.8	10.1	7.7	7.6	8.8	9.8	9.7	10.1	9.4	8.3	7.1	8.4	10.8	10.1
	2024	10.9	10.2	7.8	7.7	8.9	10.0	9.8	10.3	9.5	8.5	7.2	8.5	10.9	10.3
	2025	11.1	10.4	7.9	7.8	9.0	10.1	9.9	10.4	9.6	8.6	7.3	8.6	11.1	10.4
	2026	11.2	10.5	8.0	7.9	9.2	10.2	10.0	10.5	9.7	8.7	7.4	8.7	11.2	10.5
	2027	11.3	10.6	8.1	8.0	9.3	10.4	10.2	10.7	9.9	8.8	7.5	8.8	11.3	10.7
	2028	11.5	10.7	8.2	8.1	9.4	10.5	10.3	10.8	10.0	8.9	7.6	8.9	11.5	10.8
Projected	2029	11.6	10.9	8.2	8.2	9.5	10.6	10.4	10.9	10.1	9.0	7.6	9.0	11.6	10.9
	2030	11.7	11.0	8.3	8.3	9.6	10.7	10.5	11.0	10.2	9.1	7.7	9.1	11.7	11.0
	2031	11.8	11.1	8.4	8.4	9.7	10.8	10.6	11.1	10.3	9.2	7.8	9.2	11.8	11.1
	2032	11.9	11.2	8.5	8.4	9.7	10.9	10.7	11.2	10.4	9.2	7.9	9.3	11.9	11.2
	2033	12.0	11.3	8.6	8.5	9.8	11.0	10.8	11.3	10.5	9.3	7.9	9.3	12.0	11.3
	2034	12.1	11.4	8.6	8.6	9.9	11.1	10.9	11.4	10.6	9.4	8.0	9.4	12.1	11.4
	2035	12.2	11.5	8.7	8.7	10.0	11.2	10.9	11.5	10.6	9.5	8.0	9.5	12.2	11.5
	2036	12.3	11.5	8.8	8.7	10.1	11.2	11.0	11.6	10.7	9.5	8.1	9.5	12.3	11.6
	2037	12.4	11.6	8.8	8.8	10.1	11.3	11.1	11.6	10.8	9.6	8.2	9.6	12.4	11.6
	2038	12.5	11.7	8.9	8.8	10.2	11.4	11.2	11.7	10.9	9.7	8.2	9.7	12.5	11.7

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	44.3%	45.9%	48.6%	59.3%	64.9%	57.5%	64.4%	59.9%	61.6%	52.8%	65.4%	58.5%	43.8%	49.1%
	2010	47.2%	53.4%	48.3%	60.6%	69.7%	59.0%	63.5%	61.0%	59.5%	56.8%	56.2%	56.6%	42.2%	52.9%
	2011	45.8%	50.1%	66.0%	53.0%	61.7%	58.0%	63.2%	63.0%	61.4%	60.9%	58.8%	58.0%	42.6%	49.5%
	2012	44.3%	40.6%	59.3%	50.9%	64.6%	56.9%	62.4%	60.4%	61.5%	55.6%	49.3%	54.4%	47.1%	49.2%
	2013	53.6%	45.9%	45.3%	56.8%	61.6%	58.0%	60.8%	59.9%	59.1%	56.5%	50.1%	55.0%	49.9%	49.0%
	2014	56.4%	49.6%	55.5%	54.5%	64.5%	57.7%	64.1%	61.9%	59.9%	57.2%	41.8%	56.0%	51.8%	50.7%
	2015	54.1%	46.4%	62.6%	57.8%	64.6%	55.6%	62.4%	62.2%	59.3%	53.5%	53.5%	66.7%	46.4%	48.4%
	2016	48.3%	47.5%	60.6%	50.0%	67.3%	60.4%	64.5%	60.7%	62.2%	55.9%	55.5%	60.9%	49.3%	49.7%
	2017	46.6%	59.2%	47.5%	50.7%	64.6%	56.9%	63.5%	62.4%	61.1%	57.1%	61.6%	49.6%	53.1%	50.0%
	2018	49.9%	62.5%	53.0%	59.0%	65.2%	58.1%	62.6%	61.3%	62.4%	60.8%	58.6%	57.9%	44.1%	51.7%
Projected	2019	52.6%	51.6%	54.8%	53.8%	57.5%	55.5%	60.4%	58.2%	63.5%	55.8%	58.9%	57.4%	47.0%	50.0%
	2020	52.7%	50.9%	55.1%	54.2%	56.5%	55.4%	60.4%	57.7%	63.9%	55.5%	59.1%	57.4%	47.0%	50.0%
	2021	52.8%	52.9%	55.2%	54.3%	56.3%	55.4%	60.4%	57.6%	64.0%	55.4%	59.1%	57.3%	47.0%	50.0%
	2022	52.7%	53.0%	55.2%	54.3%	56.3%	55.4%	60.4%	57.6%	64.0%	55.4%	59.2%	57.4%	47.0%	50.0%
	2023	52.7%	53.0%	55.2%	54.3%	56.3%	55.4%	60.4%	57.6%	64.0%	55.4%	59.2%	57.3%	47.0%	50.0%
	2024	52.7%	51.1%	55.2%	54.4%	56.3%	55.4%	60.4%	57.6%	64.0%	55.4%	59.2%	57.4%	47.0%	50.0%
	2025	52.7%	52.9%	55.2%	54.4%	56.3%	55.4%	60.4%	57.6%	64.0%	55.4%	59.2%	57.4%	47.0%	50.0%
	2026	52.7%	52.9%	55.2%	54.4%	56.3%	55.4%	60.3%	57.6%	64.0%	55.4%	59.3%	57.4%	47.0%	50.0%
	2027	52.7%	52.9%	55.3%	54.4%	56.4%	55.4%	60.3%	57.6%	64.0%	55.4%	59.3%	57.4%	47.0%	50.0%
	2028	52.7%	51.1%	55.3%	54.5%	56.4%	55.4%	60.3%	57.5%	63.9%	55.4%	59.4%	57.4%	47.0%	50.0%
Avg.	2009-2018	49.1%	50.1%	54.7%	55.3%	64.9%	57.8%	63.1%	61.3%	60.8%	56.7%	55.1%	57.4%	47.0%	50.0%
	2019-2028	52.7%	52.2%	55.2%	54.3%	56.5%	55.4%	60.4%	57.7%	63.9%	55.5%	59.2%	57.4%	47.0%	50.0%

FMPA 2019 Load Forecast - Severe Weather Case

Newberry

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	8.5	8.0	6.4	4.9	6.1	7.7	6.6	7.1	6.8	6.5	3.3	6.2	8.0	7.7
	2010	9.5	7.7	6.9	4.9	6.2	7.6	7.1	7.1	7.1	5.1	4.0	8.1	9.5	7.6
	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	6.8	5.6	7.0	10.0	7.9
Projected	2019	9.9	9.2	6.4	6.8	8.0	8.8	8.6	9.2	8.1	7.5	5.7	7.1	9.9	9.2
	2020	10.1	9.4	6.5	6.9	8.2	9.0	8.8	9.4	8.3	7.6	5.8	7.2	10.1	9.4
	2021	10.2	9.6	6.6	7.0	8.3	9.1	8.9	9.5	8.4	7.8	5.9	7.3	10.2	9.5
	2022	10.4	9.7	6.7	7.1	8.4	9.2	9.1	9.7	8.5	7.9	6.0	7.4	10.4	9.7
	2023	10.5	9.8	6.8	7.2	8.6	9.3	9.2	9.8	8.7	8.0	6.1	7.5	10.5	9.8
	2024	10.7	10.0	6.9	7.3	8.7	9.5	9.3	9.9	8.8	8.1	6.1	7.6	10.7	9.9
	2025	10.8	10.1	7.0	7.4	8.8	9.6	9.4	10.1	8.9	8.2	6.2	7.7	10.8	10.1
	2026	10.9	10.2	7.1	7.5	8.9	9.7	9.5	10.2	9.0	8.3	6.3	7.8	10.9	10.2
	2027	11.1	10.3	7.1	7.6	9.0	9.8	9.6	10.3	9.1	8.4	6.4	7.9	11.1	10.3
	2028	11.2	10.5	7.2	7.6	9.1	9.9	9.8	10.4	9.2	8.5	6.4	8.0	11.2	10.4
Projected	2029	11.3	10.6	7.3	7.7	9.2	10.0	9.9	10.5	9.3	8.6	6.5	8.1	11.3	10.5
	2030	11.4	10.7	7.4	7.8	9.3	10.1	10.0	10.6	9.4	8.6	6.6	8.2	11.4	10.6
	2031	11.5	10.8	7.5	7.9	9.4	10.2	10.1	10.8	9.5	8.7	6.6	8.2	11.5	10.8
	2032	11.7	10.9	7.5	8.0	9.5	10.3	10.2	10.9	9.6	8.8	6.7	8.3	11.7	10.9
	2033	11.8	11.0	7.6	8.0	9.6	10.4	10.2	10.9	9.7	8.9	6.7	8.4	11.8	10.9
	2034	11.9	11.1	7.6	8.1	9.6	10.5	10.3	11.0	9.7	9.0	6.8	8.4	11.9	11.0
	2035	11.9	11.2	7.7	8.2	9.7	10.6	10.4	11.1	9.8	9.0	6.8	8.5	11.9	11.1
	2036	12.0	11.2	7.8	8.2	9.8	10.7	10.5	11.2	9.9	9.1	6.9	8.6	12.0	11.2
	2037	12.1	11.3	7.8	8.3	9.8	10.7	10.5	11.3	10.0	9.2	6.9	8.6	12.1	11.3
	2038	12.2	11.4	7.9	8.3	9.9	10.8	10.6	11.4	10.0	9.2	7.0	8.7	12.2	11.4

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	98.4%	97.2%	97.2%	97.3%	97.8%	100.0%	93.4%	97.9%	99.0%	92.7%	74.1%	100.0%	93.2%	100.0%
	2010	100.0%	98.2%	99.4%	100.0%	96.5%	100.0%	94.3%	94.8%	99.1%	90.3%	74.6%	98.8%	100.0%	100.0%
	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%	95.4%	84.9%	89.7%	98.2%	91.5%
Projected	2019	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2020	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2021	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2022	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2023	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2024	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2025	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2026	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2027	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2028	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%
	2009-2018	97.8%	97.0%	88.5%	94.2%	97.1%	94.8%	94.4%	96.4%	92.4%	94.5%	83.4%	89.9%	92.5%	95.9%
	2019-2028	97.8%	97.3%	88.5%	94.2%	97.1%	94.8%	95.0%	96.8%	92.4%	95.4%	84.9%	89.7%	97.8%	96.8%

FMPA 2019 Load Forecast - Severe Weather Case - Newberry

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

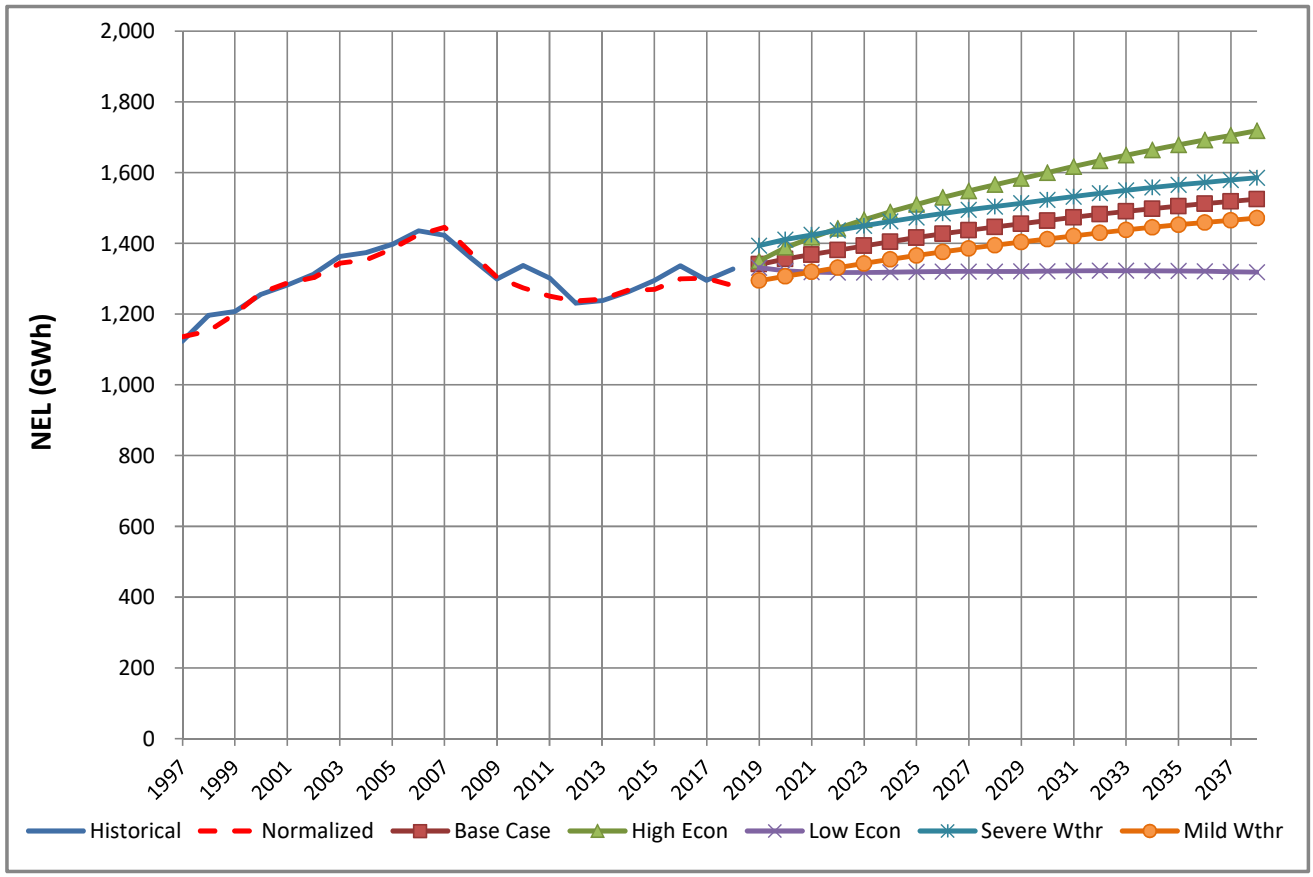
		Residential						General Service						City		Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2009	15,262		1,190		12,824		13,916		234		59.5		1,657		0		30,835		2,208	6.7%	33,043	
	2010	17,011	11.5%	1,220	2.5%	13,944	8.7%	13,947	0.2%	233	-0.3%	59.8	0.5%	1,914	15.5%	0		32,872	6.6%	1,695	4.9%	34,567	4.6%
	2011	16,499	-3.0%	1,232	1.0%	13,394	-3.9%	13,820	-0.9%	233	-0.1%	59.3	-0.8%	1,977	3.3%	0		32,296	-1.8%	1,228	3.7%	33,524	-3.0%
	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%
Projected	2019	22,615	15.1%	1,617	3.4%	13,989	11.3%	14,757	0.4%	251	0.9%	58.8	-0.5%	1,814	6.5%	583	0.0%	39,770	8.6%	1,737	4.2%	41,506	8.2%
	2020	23,177	2.5%	1,643	1.6%	14,109	0.9%	15,016	1.8%	252	0.4%	59.6	1.4%	1,856	2.3%	583	0.0%	40,632	2.2%	1,771	4.2%	42,403	2.2%
	2021	23,489	1.3%	1,665	1.4%	14,108	0.0%	15,271	1.7%	253	0.5%	60.3	1.2%	1,898	2.3%	583	0.0%	41,241	1.5%	1,797	4.2%	43,038	1.5%
	2022	23,758	1.1%	1,687	1.3%	14,080	-0.2%	15,525	1.7%	255	0.6%	61.0	1.1%	1,940	2.3%	583	0.0%	41,807	1.4%	1,821	4.2%	43,628	1.4%
	2023	24,039	1.2%	1,710	1.3%	14,061	-0.1%	15,776	1.6%	256	0.6%	61.6	1.0%	1,984	2.2%	583	0.0%	42,382	1.4%	1,846	4.2%	44,229	1.4%
	2024	24,306	1.1%	1,731	1.2%	14,045	-0.1%	16,024	1.6%	258	0.6%	62.2	0.9%	2,028	2.2%	583	0.0%	42,941	1.3%	1,871	4.2%	44,812	1.3%
	2025	24,576	1.1%	1,751	1.2%	14,038	-0.1%	16,271	1.5%	259	0.6%	62.7	0.9%	2,072	2.2%	583	0.0%	43,502	1.3%	1,895	4.2%	45,397	1.3%
	2026	24,838	1.1%	1,770	1.1%	14,030	-0.1%	16,518	1.5%	261	0.6%	63.3	0.9%	2,116	2.1%	583	0.0%	44,055	1.3%	1,919	4.2%	45,974	1.3%
	2027	25,092	1.0%	1,789	1.1%	14,025	0.0%	16,761	1.5%	263	0.6%	63.8	0.9%	2,158	2.0%	583	0.0%	44,595	1.2%	1,943	4.2%	46,538	1.2%
	2028	25,299	0.8%	1,807	1.0%	14,003	-0.2%	16,998	1.4%	264	0.6%	64.3	0.8%	2,201	1.9%	583	0.0%	45,081	1.1%	1,964	4.2%	47,044	1.1%
	2029	25,483	0.7%	1,824	1.0%	13,971	-0.2%	17,230	1.4%	266	0.6%	64.8	0.8%	2,242	1.9%	583	0.0%	45,538	1.0%	1,984	4.2%	47,522	1.0%
	2030	25,681	0.8%	1,841	0.9%	13,951	-0.1%	17,459	1.3%	267	0.6%	65.3	0.8%	2,284	1.8%	583	0.0%	46,007	1.0%	2,005	4.2%	48,011	1.0%
	2031	25,907	0.9%	1,857	0.9%	13,952	0.0%	17,682	1.3%	269	0.5%	65.8	0.7%	2,323	1.7%	583	0.0%	46,496	1.1%	2,026	4.2%	48,522	1.1%
	2032	26,108	0.8%	1,872	0.8%	13,948	0.0%	17,895	1.2%	270	0.5%	66.3	0.7%	2,361	1.6%	583	0.0%	46,947	1.0%	2,045	4.2%	48,992	1.0%
	2033	26,286	0.7%	1,886	0.7%	13,939	-0.1%	18,097	1.1%	271	0.5%	66.7	0.7%	2,397	1.5%	583	0.0%	47,363	0.9%	2,063	4.2%	49,427	0.9%
	2034	26,443	0.6%	1,899	0.7%	13,925	-0.1%	18,293	1.1%	273	0.5%	67.1	0.6%	2,433	1.5%	583	0.0%	47,753	0.8%	2,080	4.2%	49,833	0.8%
	2035	26,590	0.6%	1,912	0.7%	13,908	-0.1%	18,488	1.1%	274	0.4%	67.5	0.6%	2,470	1.5%	583	0.0%	48,132	0.8%	2,097	4.2%	50,229	0.8%
	2036	26,708	0.4%	1,924	0.7%	13,879	-0.2%	18,685	1.1%	275	0.4%	68.0	0.6%	2,508	1.5%	583	0.0%	48,484	0.7%	2,112	4.2%	50,596	0.7%
	2037	26,796	0.3%	1,936	0.6%	13,840	-0.3%	18,880	1.0%	276	0.4%	68.4	0.6%	2,544	1.4%	583	0.0%	48,803	0.7%	2,126	4.2%	50,929	0.7%
	2038	26,899	0.4%	1,948	0.6%	13,812	-0.2%	19,068	1.0%	277	0.4%	68.8	0.6%	2,577	1.3%	583	0.0%	49,128	0.7%	2,141	4.2%	51,268	0.7%
CAGR	2009-2018		2.8%		3.1%		-0.2%		0.6%		0.7%		-0.1%		0.3%				1.9%		4.7%		1.7%
	2019-2028		1.3%		1.2%		0.0%		1.6%		0.6%		1.0%		2.2%		0.0%		1.4%		4.2%		1.4%
	2029-2038		0.6%		0.7%		-0.1%		1.1%		0.5%		0.7%		1.6%		0.0%		0.8%		4.2%		0.8%

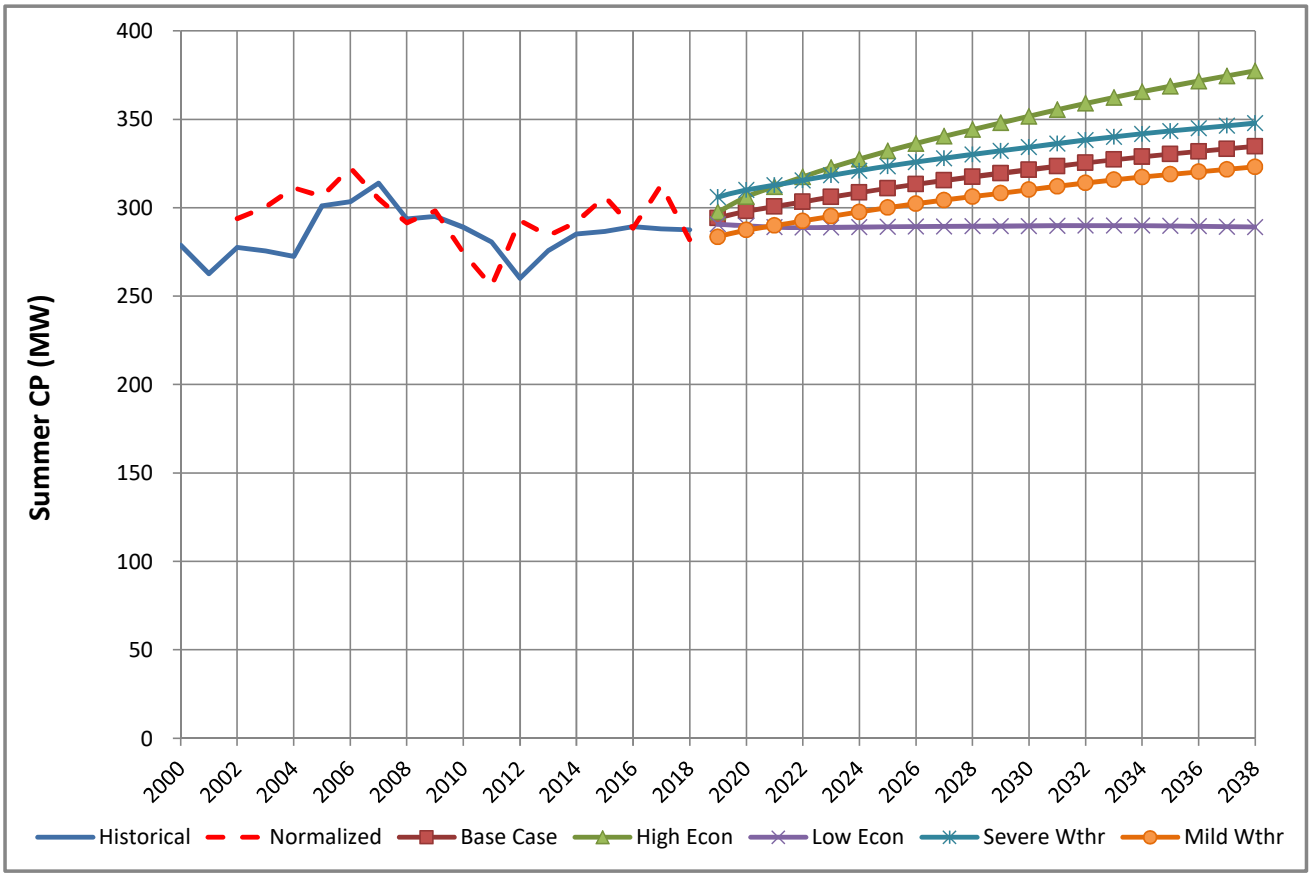
CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast

Ocala

Historical and Projected NEL and Annual Coincident Peak Demand





FMPA 2019 Load Forecast - Low Economic Case

Ocala

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	1,299,969	-	1,304,622	-	0.4%	283.1	-	277.6	-	-2.0%	295.2	-	298.2		1.0%
	2010	1,337,900	2.9%	1,274,117	-2.3%	-4.8%	320.3	13.1%	283.8	2.2%	-11.4%	289.0	-2.1%	274.5	-8.0%	-5.0%
	2011	1,302,274	-2.7%	1,250,512	-1.9%	-4.0%	277.2	-13.5%	275.8	-2.8%	-0.5%	280.7	-2.9%	255.7	-6.8%	-8.9%
	2012	1,230,559	-5.5%	1,237,446	-1.0%	0.6%	260.9	-5.9%	248.4	-9.9%	-4.8%	260.1	-7.3%	292.8	14.5%	12.6%
	2013	1,238,467	0.6%	1,241,672	0.3%	0.3%	234.4	-10.1%	238.0	-4.2%	1.5%	275.8	6.0%	284.3	-2.9%	3.1%
	2014	1,263,334	2.0%	1,267,594	2.1%	0.3%	253.2	8.0%	268.6	12.8%	6.1%	285.1	3.4%	291.8	2.6%	2.3%
	2015	1,294,771	2.5%	1,269,653	0.2%	-1.9%	275.5	8.8%	265.1	-1.3%	-3.8%	286.6	0.5%	306.4	5.0%	6.9%
	2016	1,336,499	3.2%	1,300,032	2.4%	-2.7%	236.1	-14.3%	272.9	2.9%	15.6%	289.3	0.9%	288.4	-5.9%	-0.3%
	2017	1,296,410	-3.0%	1,301,611	0.1%	0.4%	209.9	-11.1%	232.8	-14.7%	10.9%	288.1	-0.4%	312.8	8.5%	8.6%
	2018	1,328,133	2.4%	1,280,757	-1.6%	-3.6%	291.6	38.9%	295.7	27.0%	1.4%	287.6	-0.2%	281.9	-9.9%	-2.0%
Projected	2019	1,331,262	0.2%	1,331,262	3.9%		274.5	-5.9%	274.5	-7.2%		290.6	1.1%	290.6	3.1%	
	2020			1,321,933	-0.7%				273.7	-0.3%				289.8	-0.3%	
	2021			1,318,751	-0.2%				273.0	-0.3%				289.0	-0.3%	
	2022			1,317,209	-0.1%				272.8	-0.1%				288.8	-0.1%	
	2023			1,317,654	0.0%				272.9	0.0%				288.9	0.0%	
	2024			1,318,327	0.1%				273.0	0.1%				289.0	0.1%	
	2025			1,319,250	0.1%				273.2	0.1%				289.2	0.1%	
	2026			1,320,052	0.1%				273.4	0.1%				289.4	0.1%	
	2027			1,320,397	0.0%				273.4	0.0%				289.5	0.0%	
	2028			1,320,636	0.0%				273.5	0.0%				289.5	0.0%	
	2029			1,320,839	0.0%				273.5	0.0%				289.6	0.0%	
	2030			1,321,226	0.0%				273.6	0.0%				289.7	0.0%	
	2031			1,321,897	0.1%				273.8	0.1%				289.8	0.1%	
	2032			1,322,576	0.1%				273.9	0.1%				290.0	0.1%	
	2033			1,322,829	0.0%				273.9	0.0%				290.0	0.0%	
	2034			1,322,355	0.0%				273.8	0.0%				289.8	0.0%	
	2035			1,321,745	0.0%				273.7	0.0%				289.7	0.0%	
	2036			1,320,945	-0.1%				273.5	-0.1%				289.5	-0.1%	
	2037			1,319,834	-0.1%				273.2	-0.1%				289.3	-0.1%	
	2038			1,318,898	-0.1%				273.1	-0.1%				289.1	-0.1%	
CAGR [3]	2009-2018		0.2%		-0.2%			0.3%		0.7%			-0.3%		-0.6%	
	2019-2028				-0.1%					0.0%					0.0%	
	2029-2038				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 2019 Load Forecast - Low Economic Case

Ocala

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	1,299,969	-	1,304,622	-	0.4%	297.3	-	49.9%	295.2	-	50.3%
	2010	1,337,900	2.9%	1,274,117	-2.3%	-4.8%	320.3	7.7%	47.7%	289.0	-2.1%	52.8%
	2011	1,302,274	-2.7%	1,250,512	-1.9%	-4.0%	279.6	-12.7%	53.2%	282.8	-2.2%	52.6%
	2012	1,230,559	-5.5%	1,237,446	-1.0%	0.6%	260.9	-6.7%	53.9%	264.6	-6.4%	53.1%
	2013	1,238,467	0.6%	1,241,672	0.3%	0.3%	236.1	-9.5%	59.9%	275.8	4.2%	51.3%
	2014	1,263,334	2.0%	1,267,594	2.1%	0.3%	253.2	7.2%	57.0%	285.1	3.4%	50.6%
	2015	1,294,771	2.5%	1,269,653	0.2%	-1.9%	275.5	8.8%	53.7%	286.6	0.5%	51.6%
	2016	1,336,499	3.2%	1,300,032	2.4%	-2.7%	257.3	-6.6%	59.3%	295.3	3.0%	51.7%
	2017	1,296,410	-3.0%	1,301,611	0.1%	0.4%	232.6	-9.6%	63.6%	290.6	-1.6%	50.9%
	2018	1,328,133	2.4%	1,280,757	-1.6%	-3.6%	297.0	27.7%	51.0%	287.6	-1.1%	52.7%
Projected	2019	1,331,262	0.2%	1,331,262	3.9%		275.5	-7.2%	55.2%	292.3	1.6%	52.0%
	2020	1,321,933	-0.7%	1,321,933	-0.7%		274.7	-0.3%	54.9%	291.4	-0.3%	51.8%
	2021	1,318,751	-0.2%	1,318,751	-0.2%		273.9	-0.3%	55.0%	290.7	-0.3%	51.8%
	2022	1,317,209	-0.1%	1,317,209	-0.1%		273.7	-0.1%	54.9%	290.4	-0.1%	51.8%
	2023	1,317,654	0.0%	1,317,654	0.0%		273.8	0.0%	54.9%	290.6	0.0%	51.8%
	2024	1,318,327	0.1%	1,318,327	0.1%		274.0	0.1%	54.9%	290.7	0.1%	51.8%
	2025	1,319,250	0.1%	1,319,250	0.1%		274.2	0.1%	54.9%	290.9	0.1%	51.8%
	2026	1,320,052	0.1%	1,320,052	0.1%		274.3	0.1%	54.9%	291.1	0.1%	51.8%
	2027	1,320,397	0.0%	1,320,397	0.0%		274.4	0.0%	54.9%	291.1	0.0%	51.8%
	2028	1,320,636	0.0%	1,320,636	0.0%		274.4	0.0%	54.9%	291.2	0.0%	51.8%
	2029	1,320,839	0.0%	1,320,839	0.0%		274.5	0.0%	54.9%	291.2	0.0%	51.8%
	2030	1,321,226	0.0%	1,321,226	0.0%		274.6	0.0%	54.9%	291.4	0.0%	51.8%
	2031	1,321,897	0.1%	1,321,897	0.1%		274.7	0.1%	54.9%	291.5	0.1%	51.8%
	2032	1,322,576	0.1%	1,322,576	0.1%		274.9	0.1%	54.9%	291.6	0.1%	51.8%
	2033	1,322,829	0.0%	1,322,829	0.0%		274.9	0.0%	54.9%	291.7	0.0%	51.8%
	2034	1,322,355	0.0%	1,322,355	0.0%		274.8	0.0%	54.9%	291.5	0.0%	51.8%
	2035	1,321,745	0.0%	1,321,745	0.0%		274.6	0.0%	54.9%	291.4	0.0%	51.8%
	2036	1,320,945	-0.1%	1,320,945	-0.1%		274.4	-0.1%	54.9%	291.2	-0.1%	51.8%
	2037	1,319,834	-0.1%	1,319,834	-0.1%		274.2	-0.1%	54.9%	291.0	-0.1%	51.8%
	2038	1,318,898	-0.1%	1,318,898	-0.1%		274.0	-0.1%	54.9%	290.8	-0.1%	51.8%
CAGR [1]	2009-2018		0.2%		-0.2%			0.0%	54.9%		-0.3%	51.8%
	2019-2028		-0.1%		-0.1%			0.0%	55.0%		0.0%	51.8%
	2029-2038		0.0%		0.0%			0.0%	54.9%		0.0%	51.8%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Low Economic Case

Ocala

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	104,698	93,243	94,823	93,855	111,100	129,116	126,841	127,880	121,124	112,551	87,286	97,362	1,299,880	1,299,969
	2010	117,159	98,914	93,085	90,457	118,666	131,862	135,600	133,919	121,041	99,022	87,205	117,645	1,344,574	1,337,900
	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	112,063	95,529	101,848	1,339,215	1,328,133
Projected	2019	103,854	88,635	96,817	101,050	118,646	125,970	128,316	138,394	120,140	107,461	95,109	101,294	1,325,685	1,331,262
	2020	103,493	88,799	96,363	100,672	118,060	125,281	127,702	137,908	119,792	107,254	95,174	101,302	1,321,799	1,321,933
	2021	103,084	88,458	95,984	100,350	117,709	124,923	127,390	137,605	119,517	107,065	95,025	101,138	1,318,249	1,318,751
	2022	102,932	88,331	95,850	100,226	117,573	124,781	127,285	137,524	119,479	107,062	95,050	101,170	1,317,262	1,317,209
	2023	102,957	88,361	95,889	100,275	117,626	124,828	127,335	137,576	119,526	107,109	95,100	101,215	1,317,796	1,317,654
	2024	102,996	88,400	95,938	100,331	117,692	124,893	127,405	137,652	119,597	107,177	95,167	101,283	1,318,530	1,318,327
	2025	103,061	88,460	96,006	100,406	117,779	124,982	127,495	137,750	119,684	107,260	95,248	101,364	1,319,495	1,319,250
	2026	103,131	88,520	96,072	100,474	117,851	125,045	127,553	137,805	119,728	107,300	95,289	101,395	1,320,165	1,320,052
	2027	103,151	88,542	96,101	100,508	117,886	125,070	127,577	137,827	119,749	107,324	95,321	101,419	1,320,475	1,320,397
	2028	103,163	88,558	96,123	100,534	117,913	125,086	127,592	137,841	119,763	107,341	95,346	101,436	1,320,696	1,320,636
Projected	2029	103,169	88,569	96,142	100,558	117,938	125,101	127,607	137,855	119,778	107,361	95,377	101,459	1,320,913	1,320,839
	2030	103,181	88,589	96,171	100,596	117,981	125,139	127,648	137,901	119,823	107,410	95,432	101,512	1,321,383	1,321,226
	2031	103,226	88,632	96,224	100,655	118,047	125,200	127,710	137,967	119,883	107,469	95,494	101,569	1,322,075	1,321,897
	2032	103,273	88,677	96,277	100,714	118,112	125,259	127,768	138,027	119,936	107,522	95,550	101,619	1,322,736	1,322,576
	2033	103,306	88,705	96,307	100,743	118,134	125,261	127,761	138,007	119,914	107,501	95,539	101,590	1,322,768	1,322,829
	2034	103,260	88,672	96,277	100,715	118,096	125,206	127,702	137,940	119,857	107,456	95,511	101,549	1,322,241	1,322,355
	2035	103,204	88,630	96,237	100,677	118,047	125,141	127,634	137,864	119,793	107,405	95,477	101,502	1,321,613	1,321,745
	2036	103,141	88,580	96,186	100,626	117,979	125,053	127,540	137,756	119,699	107,324	95,414	101,423	1,320,722	1,320,945
	2037	103,047	88,505	96,110	100,549	117,885	124,941	127,423	137,627	119,587	107,228	95,339	101,333	1,319,573	1,319,834
	2038	102,951	88,432	96,040	100,483	117,810	124,860	127,346	137,550	119,527	107,183	95,307	101,300	1,318,788	1,318,898

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.1%	7.2%	7.3%	7.2%	8.5%	9.9%	9.8%	9.8%	9.3%	8.7%	6.7%	7.5%	100.0%
	2010	8.7%	7.4%	6.9%	6.7%	8.8%	9.8%	10.1%	10.0%	9.0%	7.4%	6.5%	8.7%	100.0%
	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%	8.4%	7.1%	7.6%	100.0%
Projected	2019	7.8%	6.7%	7.3%	7.6%	8.9%	9.5%	9.7%	10.4%	9.1%	8.1%	7.2%	7.6%	100.0%
	2020	7.8%	6.7%	7.3%	7.6%	8.9%	9.5%	9.7%	10.4%	9.1%	8.1%	7.2%	7.7%	100.0%
	2021	7.8%	6.7%	7.3%	7.6%	8.9%	9.5%	9.7%	10.4%	9.1%	8.1%	7.2%	7.7%	100.0%
	2022	7.8%	6.7%	7.3%	7.6%	8.9%	9.5%	9.7%	10.4%	9.1%	8.1%	7.2%	7.7%	100.0%
	2023	7.8%	6.7%	7.3%	7.6%	8.9%	9.5%	9.7%	10.4%	9.1%	8.1%	7.2%	7.7%	100.0%
	2024	7.8%	6.7%	7.3%	7.6%	8.9%	9.5%	9.7%	10.4%	9.1%	8.1%	7.2%	7.7%	100.0%
	2025	7.8%	6.7%	7.3%	7.6%	8.9%	9.5%	9.7%	10.4%	9.1%	8.1%	7.2%	7.7%	100.0%
	2026	7.8%	6.7%	7.3%	7.6%	8.9%	9.5%	9.7%	10.4%	9.1%	8.1%	7.2%	7.7%	100.0%
	2027	7.8%	6.7%	7.3%	7.6%	8.9%	9.5%	9.7%	10.4%	9.1%	8.1%	7.2%	7.7%	100.0%
	2028	7.8%	6.7%	7.3%	7.6%	8.9%	9.5%	9.7%	10.4%	9.1%	8.1%	7.2%	7.7%	100.0%
Avg.	2009-2018	8.0%	6.8%	7.2%	7.4%	8.8%	9.6%	10.0%	10.3%	9.3%	8.1%	6.9%	7.5%	100.0%
	2019-2028	7.8%	6.7%	7.3%	7.6%	8.9%	9.5%	9.7%	10.4%	9.1%	8.1%	7.2%	7.7%	100.0%

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FMPA 2019 Load Forecast - Low Economic Case

Ocala

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	290.2	297.3	226.0	203.6	254.4	295.2	268.9	282.0	255.7	260.5	178.1	213.4	297.3	295.2
	2010	320.3	254.6	228.5	189.3	250.4	289.0	282.9	282.5	266.7	230.6	185.7	279.6	320.3	289.0
	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	241.6	222.1	205.5	297.0	287.6
Projected	2019	275.5	251.9	198.3	226.5	259.6	282.3	286.6	292.3	272.5	245.5	221.4	204.9	275.5	292.3
	2020	274.7	251.1	197.7	225.8	258.9	281.5	285.8	291.4	271.7	244.8	220.8	204.3	274.7	291.4
	2021	273.9	250.5	197.2	225.2	258.2	280.7	285.0	290.7	271.0	244.2	220.7	204.2	273.9	290.7
	2022	273.7	250.3	197.0	225.0	258.0	280.5	284.8	290.4	270.8	244.0	220.7	204.3	273.7	290.4
	2023	273.8	250.4	197.1	225.1	258.1	280.6	284.9	290.6	270.9	244.1	220.9	204.4	273.8	290.6
	2024	274.0	250.5	197.2	225.3	258.2	280.8	285.1	290.7	271.1	244.2	221.0	204.5	274.0	290.7
	2025	274.2	250.7	197.4	225.4	258.4	281.0	285.3	290.9	271.3	244.4	221.1	204.6	274.2	290.9
	2026	274.3	250.8	197.5	225.5	258.5	281.1	285.4	291.1	271.4	244.5	221.2	204.7	274.3	291.1
	2027	274.4	250.9	197.5	225.6	258.6	281.2	285.5	291.1	271.5	244.6	221.2	204.7	274.4	291.1
	2028	274.4	250.9	197.6	225.6	258.6	281.2	285.5	291.2	271.5	244.6	221.3	204.7	274.4	291.2
Projected	2029	274.5	251.0	197.6	225.7	258.7	281.3	285.6	291.2	271.6	244.6	221.3	204.8	274.5	291.2
	2030	274.6	251.1	197.7	225.7	258.8	281.4	285.7	291.4	271.7	244.7	221.5	204.9	274.6	291.4
	2031	274.7	251.2	197.8	225.9	258.9	281.5	285.8	291.5	271.8	244.9	221.6	205.0	274.7	291.5
	2032	274.9	251.3	197.9	226.0	259.0	281.7	286.0	291.6	271.9	245.0	221.6	205.0	274.9	291.6
	2033	274.9	251.3	197.9	226.0	259.1	281.7	286.0	291.7	271.9	245.0	221.5	204.9	274.9	291.7
	2034	274.8	251.2	197.8	225.9	259.0	281.6	285.9	291.5	271.8	244.9	221.4	204.8	274.8	291.5
	2035	274.6	251.1	197.7	225.8	258.8	281.4	285.7	291.4	271.7	244.8	221.2	204.7	274.6	291.4
	2036	274.4	250.9	197.6	225.6	258.7	281.2	285.5	291.2	271.5	244.6	221.0	204.5	274.4	291.2
	2037	274.2	250.7	197.4	225.4	258.4	281.0	285.3	291.0	271.3	244.4	220.9	204.4	274.2	291.0
	2038	274.0	250.6	197.3	225.3	258.3	280.8	285.1	290.8	271.1	244.3	220.8	204.3	274.0	290.8

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	48.5%	46.7%	56.4%	62.0%	65.0%	58.8%	65.5%	61.0%	65.8%	58.1%	65.9%	63.4%	49.9%	50.3%
	2010	49.2%	57.8%	54.7%	64.2%	70.5%	61.3%	66.6%	63.7%	63.0%	57.7%	63.1%	58.4%	47.9%	53.1%
	2011	50.8%	55.7%	67.2%	56.1%	65.8%	59.4%	64.5%	65.6%	65.7%	60.2%	62.8%	68.6%	51.7%	51.2%
	2012	49.2%	48.5%	65.2%	58.0%	67.5%	57.9%	65.7%	63.5%	62.7%	59.1%	59.6%	66.0%	54.4%	53.7%
	2013	61.7%	53.6%	53.1%	60.4%	67.0%	60.4%	63.0%	63.2%	62.3%	60.9%	61.8%	66.3%	60.0%	51.3%
	2014	57.5%	56.8%	65.7%	53.6%	66.8%	60.3%	64.4%	62.3%	58.9%	58.1%	52.1%	63.4%	57.1%	50.7%
	2015	57.5%	49.3%	65.2%	61.7%	67.1%	59.4%	65.1%	61.9%	61.6%	60.6%	55.4%	70.3%	54.1%	52.0%
	2016	53.0%	52.9%	62.2%	55.6%	66.2%	62.0%	66.8%	63.3%	66.0%	61.5%	61.6%	70.7%	58.9%	51.3%
	2017	55.5%	64.7%	61.2%	53.5%	66.7%	58.6%	65.4%	64.4%	60.5%	56.9%	61.7%	57.3%	64.1%	51.3%
	2018	52.9%	62.6%	64.8%	62.7%	67.9%	61.3%	64.9%	64.6%	64.4%	62.4%	57.8%	68.8%	51.5%	53.2%
Projected	2019	50.7%	52.4%	65.6%	60.0%	68.0%	60.0%	62.2%	63.6%	61.2%	58.8%	57.7%	68.7%	54.9%	51.8%
	2020	50.6%	50.8%	65.5%	59.9%	67.9%	59.8%	62.1%	63.6%	61.2%	58.9%	57.9%	68.9%	54.9%	51.8%
	2021	50.6%	52.6%	65.4%	59.9%	67.8%	59.8%	62.1%	63.6%	61.3%	58.9%	57.9%	68.8%	54.9%	51.8%
	2022	50.5%	52.5%	65.4%	59.9%	67.8%	59.8%	62.1%	63.6%	61.3%	59.0%	57.9%	68.8%	54.9%	51.8%
	2023	50.5%	52.5%	65.4%	59.9%	67.8%	59.8%	62.1%	63.6%	61.3%	59.0%	57.9%	68.8%	54.9%	51.8%
	2024	50.5%	50.7%	65.4%	59.9%	67.8%	59.8%	62.1%	63.6%	61.3%	59.0%	57.9%	68.8%	54.9%	51.8%
	2025	50.5%	52.5%	65.4%	59.9%	67.8%	59.8%	62.1%	63.6%	61.3%	59.0%	57.9%	68.8%	54.9%	51.8%
	2026	50.5%	52.5%	65.4%	59.9%	67.8%	59.8%	62.1%	63.6%	61.3%	59.0%	57.9%	68.8%	54.9%	51.8%
	2027	50.5%	52.5%	65.4%	59.9%	67.8%	59.8%	62.1%	63.6%	61.3%	59.0%	57.9%	68.8%	54.9%	51.8%
	2028	50.5%	50.7%	65.4%	59.9%	67.8%	59.8%	62.1%	63.6%	61.3%	59.0%	57.9%	68.8%	54.9%	51.8%
Avg.	2009-2018	53.6%	54.9%	61.6%	58.8%	67.0%	59.9%	65.2%	63.3%	63.1%	59.5%	60.2%	65.3%	55.0%	51.8%
	2019-2028	50.6%	52.0%	65.4%	59.9%	67.9%	59.8%	62.1%	63.6%	61.3%	59.0%	57.9%	68.8%	54.9%	51.8%

FMPA 2019 Load Forecast - Low Economic Case

Ocala

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	290.2	283.1	226.0	203.6	254.4	295.2	261.6	279.7	255.7	253.0	148.0	213.4	283.1	295.2
	2010	320.3	254.6	228.5	189.3	249.8	289.0	280.3	282.5	266.7	226.3	177.5	277.2	320.3	289.0
	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	238.5	213.6	199.0	291.6	287.6
Projected	2019	274.5	251.8	190.6	222.6	254.6	278.6	281.1	290.6	267.7	242.4	213.0	198.4	274.5	290.6
	2020	273.7	251.1	190.0	221.9	253.9	277.8	280.3	289.8	266.9	241.7	212.4	197.9	273.7	289.8
	2021	273.0	250.4	189.5	221.3	253.2	277.0	279.5	289.0	266.2	241.1	212.3	197.7	273.0	289.0
	2022	272.8	250.2	189.4	221.1	253.0	276.8	279.3	288.8	266.0	240.9	212.3	197.8	272.8	288.8
	2023	272.9	250.3	189.5	221.2	253.1	276.9	279.4	288.9	266.1	241.0	212.5	197.9	272.9	288.9
	2024	273.0	250.4	189.6	221.4	253.2	277.1	279.6	289.0	266.2	241.1	212.6	198.0	273.0	289.0
	2025	273.2	250.6	189.7	221.5	253.4	277.3	279.8	289.2	266.4	241.3	212.7	198.1	273.2	289.2
	2026	273.4	250.8	189.8	221.6	253.5	277.4	279.9	289.4	266.6	241.4	212.8	198.2	273.4	289.4
	2027	273.4	250.8	189.8	221.7	253.6	277.5	280.0	289.5	266.6	241.5	212.8	198.2	273.4	289.5
	2028	273.5	250.9	189.9	221.7	253.6	277.5	280.0	289.5	266.7	241.5	212.8	198.2	273.5	289.5
Projected	2029	273.5	250.9	189.9	221.8	253.7	277.6	280.1	289.6	266.7	241.5	212.9	198.3	273.5	289.6
	2030	273.6	251.0	190.0	221.8	253.8	277.7	280.2	289.7	266.8	241.6	213.0	198.4	273.6	289.7
	2031	273.8	251.1	190.1	221.9	253.9	277.8	280.3	289.8	266.9	241.8	213.1	198.5	273.8	289.8
	2032	273.9	251.2	190.2	222.1	254.0	277.9	280.5	290.0	267.1	241.9	213.1	198.5	273.9	290.0
	2033	273.9	251.2	190.2	222.1	254.0	278.0	280.5	290.0	267.1	241.9	213.1	198.4	273.9	290.0
	2034	273.8	251.1	190.1	222.0	253.9	277.8	280.3	289.8	267.0	241.8	213.0	198.4	273.8	289.8
	2035	273.7	251.0	190.0	221.9	253.8	277.7	280.2	289.7	266.8	241.7	212.8	198.2	273.7	289.7
	2036	273.5	250.9	189.9	221.7	253.7	277.5	280.0	289.5	266.7	241.5	212.6	198.0	273.5	289.5
	2037	273.2	250.6	189.7	221.5	253.4	277.3	279.8	289.3	266.4	241.3	212.5	197.9	273.2	289.3
	2038	273.1	250.5	189.6	221.4	253.3	277.1	279.6	289.1	266.3	241.2	212.4	197.9	273.1	289.1

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	100.0%	95.2%	100.0%	100.0%	100.0%	100.0%	97.3%	99.2%	100.0%	97.1%	83.1%	100.0%	95.2%	100.0%
	2010	100.0%	100.0%	100.0%	100.0%	99.8%	100.0%	99.1%	100.0%	100.0%	98.1%	95.6%	99.1%	100.0%	100.0%
	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%	98.7%	96.2%	96.8%	98.2%	100.0%
Projected	2019	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2020	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2021	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2022	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2023	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2024	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2025	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2026	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2027	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2028	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2009-2018	99.7%	99.5%	96.1%	98.3%	98.1%	98.7%	98.4%	99.7%	98.2%	98.4%	95.0%	96.9%	97.4%	99.5%
	2019-2028	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%

FMPA 2019 Load Forecast - Low Economic Case - Ocala

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	505,880		40,119		12,609		169,056		7,188		23.5		549,768		971		566		12,525		14,641		1,251,870		48,099	3.7%	1,299,969	
	2010	535,768	5.9%	39,082	-2.6%	13,709	8.7%	170,158	0.7%	7,043	-2.0%	24.2	2.7%	546,838	-0.5%	964	-0.7%	567	0.2%	12,628	0.8%	14,923	1.9%	1,280,315	2.3%	57,585	4.3%	1,337,900	2.9%
	2011	523,603	-2.3%	39,663	1.5%	13,201	-3.7%	167,759	-1.4%	7,242	2.8%	23.2	-4.1%	554,408	1.4%	1,009	4.7%	549	-3.2%	12,460	-1.3%	13,122	-12.1%	1,271,352	-0.7%	30,922	2.4%	1,302,274	-2.7%
	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%
Projected	2019	522,181	0.4%	42,405	1.1%	12,314	-0.7%	163,945	2.3%	7,582	0.7%	21.6	1.6%	563,019	1.1%	1,076	1.5%	523	-0.4%	12,452	0.0%	23,916	0.3%	1,285,512	0.9%	45,750	3.4%	1,331,262	0.2%
	2020	517,089	-1.0%	42,426	0.1%	12,188	-1.0%	161,953	-1.2%	7,549	-0.4%	21.5	-0.8%	561,028	-0.4%	1,078	0.2%	521	-0.5%	12,452	0.0%	23,692	-0.9%	1,276,215	-0.7%	45,718	3.5%	1,321,933	-0.7%
	2021	514,875	-0.4%	42,558	0.3%	12,098	-0.7%	161,479	-0.3%	7,548	0.0%	21.4	-0.3%	560,724	-0.1%	1,081	0.3%	519	-0.3%	12,452	0.0%	23,613	-0.3%	1,273,143	-0.2%	45,608	3.5%	1,318,751	-0.2%
	2022	513,268	-0.3%	42,712	0.4%	12,017	-0.7%	161,602	0.1%	7,559	0.1%	21.4	-0.1%	560,770	0.0%	1,088	0.7%	515	-0.7%	12,452	0.0%	23,562	-0.2%	1,271,654	-0.1%	45,555	3.5%	1,317,209	-0.1%
	2023	512,572	-0.1%	42,860	0.3%	11,959	-0.5%	161,976	0.2%	7,574	0.2%	21.4	0.0%	561,554	0.1%	1,097	0.8%	512	-0.7%	12,452	0.0%	23,524	-0.2%	1,272,078	0.0%	45,576	3.5%	1,317,654	0.0%
	2024	512,245	-0.1%	43,002	0.3%	11,912	-0.4%	162,313	0.2%	7,588	0.2%	21.4	0.0%	562,223	0.1%	1,106	0.8%	508	-0.7%	12,452	0.0%	23,492	-0.1%	1,272,726	0.1%	45,601	3.5%	1,318,327	0.1%
	2025	512,140	0.0%	43,139	0.3%	11,872	-0.3%	162,655	0.2%	7,601	0.2%	21.4	0.0%	562,904	0.1%	1,115	0.8%	505	-0.7%	12,452	0.0%	23,465	-0.1%	1,273,615	0.1%	45,635	3.5%	1,319,250	0.1%
	2026	511,796	-0.1%	43,267	0.3%	11,829	-0.4%	163,027	0.2%	7,615	0.2%	21.4	0.1%	563,675	0.1%	1,125	0.8%	501	-0.7%	12,452	0.0%	23,439	-0.1%	1,274,390	0.1%	45,662	3.5%	1,320,052	0.1%
	2027	511,106	-0.1%	43,382	0.3%	11,781	-0.4%	163,377	0.2%	7,627	0.2%	21.4	0.0%	564,378	0.1%	1,134	0.8%	498	-0.7%	12,452	0.0%	23,410	-0.1%	1,274,722	0.0%	45,675	3.5%	1,320,397	0.0%
	2028	510,364	-0.1%	43,495	0.3%	11,734	-0.4%	163,714	0.2%	7,639	0.2%	21.4	0.0%	565,044	0.1%	1,142	0.8%	495	-0.6%	12,452	0.0%	23,378	-0.1%	1,274,952	0.0%	45,684	3.5%	1,320,636	0.0%
	2029	509,556	-0.2%	43,605	0.3%	11,686	-0.4%	164,060	0.2%	7,651	0.2%	21.4	0.1%	565,733	0.1%	1,151	0.7%	492	-0.6%	12,452	0.0%	23,345	-0.1%	1,275,146	0.0%	45,693	3.5%	1,320,839	0.0%
	2030	508,806	-0.1%	43,709	0.2%	11,641	-0.4%	164,438	0.2%	7,663	0.2%	21.5	0.1%	566,513	0.1%	1,159	0.7%	489	-0.6%	12,452	0.0%	23,309	-0.2%	1,275,518	0.0%	45,709	3.5%	1,321,226	0.0%
	2031	508,343	-0.1%	43,807	0.2%	11,604	-0.3%	164,814	0.2%	7,675	0.2%	21.5	0.1%	567,288	0.1%	1,167	0.7%	486	-0.5%	12,452	0.0%	23,267	-0.2%	1,276,163	0.1%	45,734	3.5%	1,321,897	0.1%
	2032	507,826	-0.1%	43,899	0.2%	11,568	-0.3%	165,208	0.2%	7,686	0.2%	21.5	0.1%	568,114	0.1%	1,174	0.6%	484	-0.4%	12,452	0.0%	23,217	-0.2%	1,276,817	0.1%	45,758	3.5%	1,322,576	0.1%
	2033	507,014	-0.2%	43,987	0.2%	11,527	-0.4%	165,574	0.2%	7,697	0.1%	21.5	0.1%	568,859	0.1%	1,180	0.5%	482	-0.4%	12,452	0.0%	23,164	-0.2%	1,277,063	0.0%	45,766	3.5%	1,322,829	0.0%
	2034	505,817	-0.2%	44,071	0.2%	11,477	-0.4%	165,860	0.2%	7,706	0.1%	21.5	0.1%	569,367	0.1%	1,186	0.5%	480	-0.4%	12,452	0.0%	23,109	-0.2%	1,276,605	0.0%	45,750	3.5%	1,322,355	0.0%
	2035	504,645	-0.2%	44,155	0.2%	11,429	-0.4%	166,105	0.1%	7,714	0.1%	21.5	0.0%	569,757	0.1%	1,192	0.5%	478	-0.4%	12,452	0.0%	23,056	-0.2%	1,276,015	0.0%	45,730	3.5%	1,321,745	0.0%
	2036	503,422	-0.2%	44,233	0.2%	11,381	-0.4%	166,316	0.1%	7,721	0.1%	21.5	0.0%	570,048	0.1%	1,198	0.5%	476	-0.5%	12,452	0.0%	23,004	-0.2%	1,275,242	-0.1%	45,703	3.5%	1,320,945	-0.1%
	2037	502,139	-0.3%	44,302	0.2%	11,335	-0.4%	166,467	0.1%	7,727	0.1%	21.5	0.0%	570,166	0.0%	1,204	0.5%	473	-0.5%	12,452	0.0%	22,945	-0.3%	1,274,169	-0.1%	45,665	3.5%	1,319,834	-0.1%
	2038	501,152	-0.2%	44,379	0.2%	11,293	-0.4%	166,587	0.1%	7,732	0.1%	21.5	0.0%	570,192	0.0%	1,209	0.4%	471	-0.4%	12,452	0.0%	22,879	-0.3%	1,273,263	-0.1%	45,635	3.5%	1,318,898	-0.1%
CAGR	2009-2018		0.3%		0.5%		-0.2%		-0.6%		0.5%		-1.1%		0.1%		1.0%		-0.8%		-0.1%		5.6%		0.2%		3.5%		0.2%
	2019-2028		-0.3%		0.3%		-0.5%		0.0%		0.1%		-0.1%		0.0%		0.7%		-0.6%		0.0%		-0.3%		-0.1%		3.5%		-0.1%
	2029-2038		-0.2%		0.2%		-0.4%		0.2%		0.1%		0.1%		0.1%		0.6%		-0.5%		0.0%		-0.2%		0.0%		3.5%		0.0%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - High Economic Case

Ocala

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	1,299,969	-	1,304,622	-	0.4%	283.1	-	277.6	-	-2.0%	295.2	-	298.2		1.0%
	2010	1,337,900	2.9%	1,274,117	-2.3%	-4.8%	320.3	13.1%	283.8	2.2%	-11.4%	289.0	-2.1%	274.5	-8.0%	-5.0%
	2011	1,302,274	-2.7%	1,250,512	-1.9%	-4.0%	277.2	-13.5%	275.8	-2.8%	-0.5%	280.7	-2.9%	255.7	-6.8%	-8.9%
	2012	1,230,559	-5.5%	1,237,446	-1.0%	0.6%	260.9	-5.9%	248.4	-9.9%	-4.8%	260.1	-7.3%	292.8	14.5%	12.6%
	2013	1,238,467	0.6%	1,241,672	0.3%	0.3%	234.4	-10.1%	238.0	-4.2%	1.5%	275.8	6.0%	284.3	-2.9%	3.1%
	2014	1,263,334	2.0%	1,267,594	2.1%	0.3%	253.2	8.0%	268.6	12.8%	6.1%	285.1	3.4%	291.8	2.6%	2.3%
	2015	1,294,771	2.5%	1,269,653	0.2%	-1.9%	275.5	8.8%	265.1	-1.3%	-3.8%	286.6	0.5%	306.4	5.0%	6.9%
	2016	1,336,499	3.2%	1,300,032	2.4%	-2.7%	236.1	-14.3%	272.9	2.9%	15.6%	289.3	0.9%	288.4	-5.9%	-0.3%
	2017	1,296,410	-3.0%	1,301,611	0.1%	0.4%	209.9	-11.1%	232.8	-14.7%	10.9%	288.1	-0.4%	312.8	8.5%	8.6%
	2018	1,328,133	2.4%	1,280,757	-1.6%	-3.6%	291.6	38.9%	295.7	27.0%	1.4%	287.6	-0.2%	281.9	-9.9%	-2.0%
Projected	2019	1,350,441	1.7%	1,350,441	5.4%		281.0	-3.6%	281.0	-5.0%		297.5	3.4%	297.5	5.5%	
	2020			1,388,759	2.8%				289.2	2.9%				306.1	2.9%	
	2021			1,416,727	2.0%				294.6	1.9%				311.9	1.9%	
	2022			1,442,386	1.8%				299.9	1.8%				317.5	1.8%	
	2023			1,466,661	1.7%				304.8	1.6%				322.7	1.6%	
	2024			1,488,825	1.5%				309.3	1.5%				327.5	1.5%	
	2025			1,509,878	1.4%				313.6	1.4%				332.0	1.4%	
	2026			1,529,758	1.3%				317.7	1.3%				336.3	1.3%	
	2027			1,548,299	1.2%				321.5	1.2%				340.3	1.2%	
	2028			1,566,064	1.1%				325.1	1.1%				344.2	1.1%	
	2029			1,583,257	1.1%				328.7	1.1%				347.9	1.1%	
	2030			1,600,207	1.1%				332.2	1.1%				351.6	1.1%	
	2031			1,617,110	1.1%				335.7	1.1%				355.3	1.1%	
	2032			1,633,713	1.0%				339.1	1.0%				359.0	1.0%	
	2033			1,649,497	1.0%				342.3	0.9%				362.4	0.9%	
	2034			1,664,136	0.9%				345.3	0.9%				365.5	0.9%	
	2035			1,678,342	0.9%				348.2	0.8%				368.6	0.8%	
	2036			1,692,117	0.8%				351.0	0.8%				371.6	0.8%	
	2037			1,705,263	0.8%				353.7	0.8%				374.5	0.8%	
	2038			1,718,443	0.8%				356.5	0.8%				377.4	0.8%	
CAGR [3]	2009-2018		0.2%		-0.2%			0.3%		0.7%			-0.3%		-0.6%	
	2019-2028				1.7%					1.6%					1.6%	
	2029-2038				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 2019 Load Forecast - High Economic Case

Ocala

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	1,299,969	-	1,304,622	-	0.4%	297.3	-	49.9%	295.2	-	50.3%
	2010	1,337,900	2.9%	1,274,117	-2.3%	-4.8%	320.3	7.7%	47.7%	289.0	-2.1%	52.8%
	2011	1,302,274	-2.7%	1,250,512	-1.9%	-4.0%	279.6	-12.7%	53.2%	282.8	-2.2%	52.6%
	2012	1,230,559	-5.5%	1,237,446	-1.0%	0.6%	260.9	-6.7%	53.9%	264.6	-6.4%	53.1%
	2013	1,238,467	0.6%	1,241,672	0.3%	0.3%	236.1	-9.5%	59.9%	275.8	4.2%	51.3%
	2014	1,263,334	2.0%	1,267,594	2.1%	0.3%	253.2	7.2%	57.0%	285.1	3.4%	50.6%
	2015	1,294,771	2.5%	1,269,653	0.2%	-1.9%	275.5	8.8%	53.7%	286.6	0.5%	51.6%
	2016	1,336,499	3.2%	1,300,032	2.4%	-2.7%	257.3	-6.6%	59.3%	295.3	3.0%	51.7%
	2017	1,296,410	-3.0%	1,301,611	0.1%	0.4%	232.6	-9.6%	63.6%	290.6	-1.6%	50.9%
	2018	1,328,133	2.4%	1,280,757	-1.6%	-3.6%	297.0	27.7%	51.0%	287.6	-1.1%	52.7%
Projected	2019	1,350,441	1.7%	1,350,441	5.4%		282.0	-5.0%	54.7%	299.2	4.1%	51.5%
	2020	1,388,759	2.8%	1,388,759	2.8%		290.2	2.9%	54.6%	307.9	2.9%	51.5%
	2021	1,416,727	2.0%	1,416,727	2.0%		295.6	1.9%	54.7%	313.7	1.9%	51.6%
	2022	1,442,386	1.8%	1,442,386	1.8%		300.9	1.8%	54.7%	319.3	1.8%	51.6%
	2023	1,466,661	1.7%	1,466,661	1.7%		305.9	1.6%	54.7%	324.5	1.6%	51.6%
	2024	1,488,825	1.5%	1,488,825	1.5%		310.4	1.5%	54.8%	329.4	1.5%	51.6%
	2025	1,509,878	1.4%	1,509,878	1.4%		314.7	1.4%	54.8%	334.0	1.4%	51.6%
	2026	1,529,758	1.3%	1,529,758	1.3%		318.8	1.3%	54.8%	338.3	1.3%	51.6%
	2027	1,548,299	1.2%	1,548,299	1.2%		322.6	1.2%	54.8%	342.3	1.2%	51.6%
	2028	1,566,064	1.1%	1,566,064	1.1%		326.3	1.1%	54.8%	346.2	1.1%	51.6%
	2029	1,583,257	1.1%	1,583,257	1.1%		329.8	1.1%	54.8%	350.0	1.1%	51.6%
	2030	1,600,207	1.1%	1,600,207	1.1%		333.3	1.1%	54.8%	353.7	1.1%	51.6%
	2031	1,617,110	1.1%	1,617,110	1.1%		336.8	1.1%	54.8%	357.4	1.1%	51.6%
	2032	1,633,713	1.0%	1,633,713	1.0%		340.3	1.0%	54.8%	361.1	1.0%	51.7%
	2033	1,649,497	1.0%	1,649,497	1.0%		343.5	0.9%	54.8%	364.5	0.9%	51.7%
	2034	1,664,136	0.9%	1,664,136	0.9%		346.5	0.9%	54.8%	367.7	0.9%	51.7%
	2035	1,678,342	0.9%	1,678,342	0.9%		349.4	0.8%	54.8%	370.8	0.8%	51.7%
	2036	1,692,117	0.8%	1,692,117	0.8%		352.3	0.8%	54.8%	373.8	0.8%	51.7%
	2037	1,705,263	0.8%	1,705,263	0.8%		355.0	0.8%	54.8%	376.7	0.8%	51.7%
	2038	1,718,443	0.8%	1,718,443	0.8%		357.7	0.8%	54.8%	379.6	0.8%	51.7%
CAGR [1]	2009-2018		0.2%		-0.2%			0.0%	54.9%		-0.3%	51.8%
	2019-2028		1.7%		1.7%			1.6%	54.7%		1.6%	51.6%
	2029-2038		0.9%		0.9%			0.9%	54.8%		0.9%	51.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - High Economic Case

Ocala

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	104,698	93,243	94,823	93,855	111,100	129,116	126,841	127,880	121,124	112,551	87,286	97,362	1,299,880	1,299,969
	2010	117,159	98,914	93,085	90,457	118,666	131,862	135,600	133,919	121,041	99,022	87,205	117,645	1,344,574	1,337,900
	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	112,063	95,529	101,848	1,339,215	1,328,133
Projected	2019	104,211	89,257	97,859	102,514	120,783	128,632	131,481	142,289	123,975	111,338	99,009	105,722	1,357,071	1,350,441
	2020	108,059	92,961	101,147	105,929	124,425	132,147	134,950	145,987	127,086	114,084	101,587	108,185	1,396,545	1,388,759
	2021	110,089	94,709	103,027	107,962	126,796	134,621	137,496	148,736	129,435	116,232	103,505	110,170	1,422,778	1,416,727
	2022	112,092	96,428	104,889	109,918	129,075	137,006	139,946	151,383	131,743	118,311	105,368	112,110	1,448,268	1,442,386
	2023	114,016	98,076	106,676	111,786	131,234	139,246	142,210	153,799	133,829	120,180	107,041	113,844	1,471,938	1,466,661
	2024	115,739	99,564	108,299	113,490	133,214	141,312	144,307	156,051	135,783	121,936	108,619	115,488	1,493,803	1,488,825
	2025	117,376	100,977	109,842	115,110	135,100	143,280	146,306	158,197	137,646	123,614	110,131	117,062	1,514,641	1,509,878
	2026	118,934	102,320	111,306	116,645	136,878	145,125	148,173	160,194	139,376	125,169	111,533	118,511	1,534,164	1,529,758
	2027	120,367	103,562	112,667	118,077	138,542	146,853	149,928	162,077	141,012	126,646	112,870	119,898	1,552,500	1,548,299
	2028	121,738	104,752	113,972	119,452	140,140	148,511	151,613	163,886	142,585	128,068	114,161	121,235	1,570,113	1,566,064
Projected	2029	123,060	105,901	115,235	120,784	141,689	150,119	153,248	165,643	144,116	129,454	115,423	122,542	1,587,213	1,583,257
	2030	124,352	107,028	116,477	122,097	143,219	151,711	154,871	167,391	145,642	130,838	116,682	123,852	1,604,161	1,600,207
	2031	125,649	108,157	117,717	123,406	144,743	153,297	156,485	169,128	147,156	132,209	117,928	125,145	1,621,019	1,617,110
	2032	126,927	109,268	118,936	124,693	146,239	154,850	158,063	170,823	148,632	133,545	119,143	126,403	1,637,522	1,633,713
	2033	128,161	110,336	120,104	125,919	147,655	156,308	159,536	172,395	149,993	134,772	120,259	127,547	1,652,984	1,649,497
	2034	129,282	111,313	121,181	127,057	148,975	157,669	160,918	173,878	151,285	135,945	121,330	128,651	1,667,484	1,664,136
	2035	130,366	112,261	122,226	128,163	150,259	158,996	162,268	175,328	152,550	137,095	122,384	129,738	1,681,632	1,678,342
	2036	131,429	113,186	123,244	129,236	151,501	160,274	163,563	176,713	153,755	138,186	123,381	130,762	1,695,229	1,692,117
	2037	132,432	114,063	124,211	130,260	152,689	161,500	164,808	178,051	154,921	139,245	124,351	131,761	1,708,291	1,705,263
	2038	133,418	114,931	125,174	131,283	153,885	162,747	166,085	179,432	156,132	140,349	125,359	132,812	1,721,606	1,718,443

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.1%	7.2%	7.3%	7.2%	8.5%	9.9%	9.8%	9.8%	9.3%	8.7%	6.7%	7.5%	100.0%
	2010	8.7%	7.4%	6.9%	6.7%	8.8%	9.8%	10.1%	10.0%	9.0%	7.4%	6.5%	8.7%	100.0%
	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%	8.4%	7.1%	7.6%	100.0%
Projected	2019	7.7%	6.6%	7.2%	7.6%	8.9%	9.5%	9.7%	10.5%	9.1%	8.2%	7.3%	7.8%	100.0%
	2020	7.7%	6.7%	7.2%	7.6%	8.9%	9.5%	9.7%	10.5%	9.1%	8.2%	7.3%	7.7%	100.0%
	2021	7.7%	6.7%	7.2%	7.6%	8.9%	9.5%	9.7%	10.5%	9.1%	8.2%	7.3%	7.7%	100.0%
	2022	7.7%	6.7%	7.2%	7.6%	8.9%	9.5%	9.7%	10.5%	9.1%	8.2%	7.3%	7.7%	100.0%
	2023	7.7%	6.7%	7.2%	7.6%	8.9%	9.5%	9.7%	10.4%	9.1%	8.2%	7.3%	7.7%	100.0%
	2024	7.7%	6.7%	7.2%	7.6%	8.9%	9.5%	9.7%	10.4%	9.1%	8.2%	7.3%	7.7%	100.0%
	2025	7.7%	6.7%	7.3%	7.6%	8.9%	9.5%	9.7%	10.4%	9.1%	8.2%	7.3%	7.7%	100.0%
	2026	7.8%	6.7%	7.3%	7.6%	8.9%	9.5%	9.7%	10.4%	9.1%	8.2%	7.3%	7.7%	100.0%
	2027	7.8%	6.7%	7.3%	7.6%	8.9%	9.5%	9.7%	10.4%	9.1%	8.2%	7.3%	7.7%	100.0%
	2028	7.8%	6.7%	7.3%	7.6%	8.9%	9.5%	9.7%	10.4%	9.1%	8.2%	7.3%	7.7%	100.0%
Avg.	2009-2018	8.0%	6.8%	7.2%	7.4%	8.8%	9.6%	10.0%	10.3%	9.3%	8.1%	6.9%	7.5%	100.0%
	2019-2028	7.7%	6.7%	7.2%	7.6%	8.9%	9.5%	9.7%	10.5%	9.1%	8.2%	7.3%	7.7%	100.0%

1	2	3	4	5	6	7	8	9	10	11	12

FMPA 2019 Load Forecast - High Economic Case

Ocala

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	290.2	297.3	226.0	203.6	254.4	295.2	268.9	282.0	255.7	260.5	178.1	213.4	297.3	295.2
	2010	320.3	254.6	228.5	189.3	250.4	289.0	282.9	282.5	266.7	230.6	185.7	279.6	320.3	289.0
	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	241.6	227.3	210.3	297.0	287.6
Projected	2019	282.0	257.8	203.0	231.8	265.8	289.0	293.4	299.2	279.0	251.3	233.9	216.5	282.0	299.2
	2020	290.2	265.3	208.9	238.6	273.5	297.4	301.9	307.9	287.1	258.7	238.3	220.5	290.2	307.9
	2021	295.6	270.3	212.8	243.1	278.6	303.0	307.6	313.7	292.5	263.5	242.6	224.5	295.6	313.7
	2022	300.9	275.2	216.6	247.4	283.6	308.4	313.1	319.3	297.7	268.2	246.6	228.1	300.9	319.3
	2023	305.9	279.7	220.2	251.5	288.3	313.4	318.2	324.5	302.6	272.6	250.2	231.5	305.9	324.5
	2024	310.4	283.8	223.4	255.2	292.6	318.1	323.0	329.4	307.1	276.7	253.7	234.8	310.4	329.4
	2025	314.7	287.8	226.6	258.8	296.6	322.5	327.5	334.0	311.4	280.5	257.0	237.8	314.7	334.0
	2026	318.8	291.5	229.5	262.1	300.5	326.7	331.7	338.3	315.4	284.1	260.1	240.6	318.8	338.3
	2027	322.6	295.0	232.2	265.2	304.0	330.6	335.6	342.3	319.2	287.5	263.0	243.4	322.6	342.3
	2028	326.3	298.3	234.9	268.2	307.5	334.3	339.5	346.2	322.8	290.8	265.9	246.0	326.3	346.2
Projected	2029	329.8	301.6	237.4	271.2	310.8	338.0	343.1	350.0	326.3	294.0	268.7	248.6	329.8	350.0
	2030	333.3	304.8	240.0	274.1	314.2	341.6	346.8	353.7	329.8	297.1	271.5	251.3	333.3	353.7
	2031	336.8	308.0	242.5	276.9	317.5	345.2	350.5	357.4	333.3	300.2	274.3	253.8	336.8	357.4
	2032	340.3	311.1	244.9	279.8	320.7	348.7	354.0	361.1	336.6	303.3	276.9	256.2	340.3	361.1
	2033	343.5	314.1	247.3	282.4	323.7	352.0	357.4	364.5	339.8	306.2	279.3	258.5	343.5	364.5
	2034	346.5	316.8	249.4	284.9	326.6	355.1	360.5	367.7	342.8	308.8	281.7	260.7	346.5	367.7
	2035	349.4	319.5	251.5	287.3	329.3	358.1	363.6	370.8	345.7	311.5	284.0	262.8	349.4	370.8
	2036	352.3	322.1	253.6	289.6	332.0	361.0	366.5	373.8	348.5	314.0	286.2	264.8	352.3	373.8
	2037	355.0	324.6	255.5	291.8	334.6	363.8	369.3	376.7	351.2	316.4	288.4	266.8	355.0	376.7
	2038	357.7	327.1	257.5	294.1	337.2	366.6	372.2	379.6	353.9	318.9	290.7	269.0	357.7	379.6

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	48.5%	46.7%	56.4%	62.0%	65.0%	58.8%	65.5%	61.0%	65.8%	58.1%	65.9%	63.4%	49.9%	50.3%
	2010	49.2%	57.8%	54.7%	64.2%	70.5%	61.3%	66.6%	63.7%	63.0%	57.7%	63.1%	58.4%	47.9%	53.1%
	2011	50.8%	55.7%	67.2%	56.1%	65.8%	59.4%	64.5%	65.6%	65.7%	60.2%	62.8%	68.6%	51.7%	51.2%
	2012	49.2%	48.5%	65.2%	58.0%	67.5%	57.9%	65.7%	63.5%	62.7%	59.1%	59.6%	66.0%	54.4%	53.7%
	2013	61.7%	53.6%	53.1%	60.4%	67.0%	60.4%	63.0%	63.2%	62.3%	60.9%	61.8%	66.3%	60.0%	51.3%
	2014	57.5%	56.8%	65.7%	53.6%	66.8%	60.3%	64.4%	62.3%	58.9%	58.1%	52.1%	63.4%	57.1%	50.7%
	2015	57.5%	49.3%	65.2%	61.7%	67.1%	59.4%	65.1%	61.9%	61.6%	60.6%	55.4%	70.3%	54.1%	52.0%
	2016	53.0%	52.9%	62.2%	55.6%	66.2%	62.0%	66.8%	63.3%	66.0%	61.5%	61.6%	70.7%	58.9%	51.3%
	2017	55.5%	64.7%	61.2%	53.5%	66.7%	58.6%	65.4%	64.4%	60.5%	56.9%	61.7%	57.3%	64.1%	51.3%
	2018	52.9%	62.6%	64.8%	62.7%	67.9%	61.3%	64.9%	64.6%	64.4%	62.4%	56.5%	67.2%	51.5%	53.2%
Projected	2019	49.7%	51.5%	64.8%	59.4%	67.6%	59.8%	62.2%	63.9%	61.7%	59.5%	56.9%	67.8%	54.9%	51.8%
	2020	50.0%	50.3%	65.1%	59.7%	67.7%	59.7%	62.1%	63.7%	61.5%	59.3%	57.3%	68.1%	54.9%	51.8%
	2021	50.0%	52.1%	65.1%	59.7%	67.7%	59.7%	62.1%	63.7%	61.5%	59.3%	57.3%	68.2%	54.9%	51.8%
	2022	50.1%	52.1%	65.1%	59.7%	67.7%	59.7%	62.1%	63.7%	61.5%	59.3%	57.4%	68.2%	54.9%	51.8%
	2023	50.1%	52.2%	65.1%	59.7%	67.7%	59.7%	62.1%	63.7%	61.4%	59.3%	57.5%	68.3%	54.9%	51.8%
	2024	50.1%	50.4%	65.1%	59.8%	67.8%	59.7%	62.1%	63.7%	61.4%	59.2%	57.5%	68.3%	54.9%	51.8%
	2025	50.1%	52.2%	65.2%	59.8%	67.8%	59.7%	62.1%	63.7%	61.4%	59.2%	57.6%	68.4%	54.9%	51.8%
	2026	50.1%	52.2%	65.2%	59.8%	67.8%	59.7%	62.0%	63.7%	61.4%	59.2%	57.6%	68.4%	54.9%	51.8%
	2027	50.1%	52.2%	65.2%	59.8%	67.8%	59.7%	62.0%	63.6%	61.4%	59.2%	57.7%	68.4%	54.9%	51.8%
	2028	50.2%	50.4%	65.2%	59.9%	67.8%	59.7%	62.0%	63.6%	61.4%	59.2%	57.7%	68.4%	54.9%	51.8%
Avg.	2009-2018	53.6%	54.9%	61.6%	58.8%	67.0%	59.9%	65.2%	63.3%	63.1%	59.5%	60.1%	65.2%	55.0%	51.8%
	2019-2028	50.1%	51.6%	65.1%	59.7%	67.7%	59.7%	62.1%	63.7%	61.4%	59.3%	57.5%	68.3%	54.9%	51.8%

FMPA 2019 Load Forecast - High Economic Case

Ocala

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	290.2	283.1	226.0	203.6	254.4	295.2	261.6	279.7	255.7	253.0	148.0	213.4	283.1	295.2
	2010	320.3	254.6	228.5	189.3	249.8	289.0	280.3	282.5	266.7	226.3	177.5	277.2	320.3	289.0
	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	238.5	218.7	203.7	291.6	287.6
Projected	2019	281.0	257.8	195.1	227.8	260.6	285.2	287.7	297.5	274.0	248.2	225.0	209.6	281.0	297.5
	2020	289.2	265.3	200.8	234.4	268.2	293.5	296.1	306.1	282.0	255.4	229.3	213.5	289.2	306.1
	2021	294.6	270.2	204.5	238.9	273.3	299.0	301.7	311.9	287.3	260.2	233.4	217.4	294.6	311.9
	2022	299.9	275.1	208.2	243.1	278.2	304.3	307.1	317.5	292.4	264.8	237.2	220.9	299.9	317.5
	2023	304.8	279.6	211.6	247.1	282.7	309.3	312.1	322.7	297.2	269.2	240.7	224.2	304.8	322.7
	2024	309.3	283.7	214.8	250.8	286.9	313.9	316.7	327.5	301.6	273.2	244.1	227.3	309.3	327.5
	2025	313.6	287.7	217.8	254.3	290.9	318.3	321.1	332.0	305.8	277.0	247.2	230.3	313.6	332.0
	2026	317.7	291.4	220.6	257.6	294.6	322.4	325.3	336.3	309.8	280.5	250.2	233.0	317.7	336.3
	2027	321.5	294.9	223.2	260.6	298.2	326.2	329.2	340.3	313.5	283.9	253.0	235.7	321.5	340.3
	2028	325.1	298.2	225.7	263.6	301.6	329.9	332.9	344.2	317.0	287.1	255.7	238.2	325.1	344.2
Projected	2029	328.7	301.5	228.2	266.5	304.8	333.5	336.5	347.9	320.5	290.2	258.5	240.8	328.7	347.9
	2030	332.2	304.7	230.6	269.3	308.1	337.1	340.1	351.6	323.9	293.3	261.2	243.3	332.2	351.6
	2031	335.7	307.9	233.0	272.1	311.3	340.6	343.7	355.3	327.3	296.4	263.9	245.8	335.7	355.3
	2032	339.1	311.0	235.4	274.9	314.5	344.1	347.2	359.0	330.6	299.4	266.3	248.1	339.1	359.0
	2033	342.3	314.0	237.6	277.5	317.5	347.3	350.5	362.4	333.8	302.3	268.7	250.3	342.3	362.4
	2034	345.3	316.7	239.7	279.9	320.3	350.4	353.6	365.5	336.7	304.9	271.0	252.4	345.3	365.5
	2035	348.2	319.4	241.8	282.3	323.0	353.4	356.5	368.6	339.5	307.5	273.2	254.4	348.2	368.6
	2036	351.0	322.0	243.7	284.6	325.6	356.2	359.4	371.6	342.3	310.0	275.3	256.4	351.0	371.6
	2037	353.7	324.5	245.6	286.8	328.1	359.0	362.2	374.5	344.9	312.4	277.4	258.4	353.7	374.5
	2038	356.5	327.0	247.5	289.0	330.6	361.8	365.0	377.4	347.6	314.8	279.6	260.4	356.5	377.4

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	100.0%	95.2%	100.0%	100.0%	100.0%	100.0%	97.3%	99.2%	100.0%	97.1%	83.1%	100.0%	95.2%	100.0%
	2010	100.0%	100.0%	100.0%	100.0%	99.8%	100.0%	99.1%	100.0%	100.0%	98.1%	95.6%	99.1%	100.0%	100.0%
	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%	98.7%	96.2%	96.8%	98.2%	100.0%
Projected	2019	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2020	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2021	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2022	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2023	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2024	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2025	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2026	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2027	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2028	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2009-2018	99.7%	99.5%	96.1%	98.3%	98.1%	98.7%	98.4%	99.7%	98.2%	98.4%	95.0%	96.9%	97.4%	99.5%
	2019-2028	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%

FMPA 2019 Load Forecast - High Economic Case - Ocala

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	505,880		40,119		12,609		169,056		7,188		23.5		549,768		971		566		12,525		14,641		1,251,870		48,099	3.7%	1,299,969	
	2010	535,768	5.9%	39,082	-2.6%	13,709	8.7%	170,158	0.7%	7,043	-2.0%	24.2	2.7%	546,838	-0.5%	964	-0.7%	567	0.2%	12,628	0.8%	14,923	1.9%	1,280,315	2.3%	57,585	4.3%	1,337,900	2.9%
	2011	523,603	-2.3%	39,663	1.5%	13,201	-3.7%	167,759	-1.4%	7,242	2.8%	23.2	-4.1%	554,408	1.4%	1,009	4.7%	549	-3.2%	12,460	-1.3%	13,122	-12.1%	1,271,352	-0.7%	30,922	2.4%	1,302,274	-2.7%
	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%
Projected	2019	526,240	1.1%	42,682	1.8%	12,329	-0.6%	167,602	4.6%	7,648	1.5%	21.9	3.0%	573,466	3.0%	1,081	2.0%	530	1.0%	12,452	0.0%	24,125	1.2%	1,303,885	2.4%	46,556	3.4%	1,350,441	1.7%
	2020	532,195	1.1%	43,454	1.8%	12,247	-0.7%	174,370	4.0%	7,787	1.8%	22.4	2.2%	597,129	4.1%	1,120	3.6%	533	0.5%	12,452	0.0%	24,408	1.2%	1,340,554	2.8%	48,205	3.5%	1,388,759	2.8%
	2021	539,312	1.3%	44,079	1.4%	12,235	-0.1%	179,155	2.7%	7,886	1.3%	22.7	1.4%	612,084	2.5%	1,155	3.1%	530	-0.6%	12,452	0.0%	24,593	0.8%	1,367,597	2.0%	49,130	3.5%	1,416,727	2.0%
	2022	546,702	1.4%	44,654	1.3%	12,243	0.1%	183,677	2.5%	7,979	1.2%	23.0	1.3%	624,797	2.1%	1,184	2.5%	528	-0.4%	12,452	0.0%	24,749	0.6%	1,392,377	1.8%	50,010	3.5%	1,442,386	1.8%
	2023	553,496	1.2%	45,184	1.2%	12,250	0.1%	188,027	2.4%	8,067	1.1%	23.3	1.2%	636,953	1.9%	1,210	2.3%	526	-0.3%	12,452	0.0%	24,890	0.6%	1,415,818	1.7%	50,843	3.5%	1,466,661	1.7%
	2024	559,583	1.1%	45,682	1.1%	12,249	0.0%	192,050	2.1%	8,148	1.0%	23.6	1.1%	648,114	1.8%	1,236	2.1%	524	-0.4%	12,452	0.0%	25,019	0.5%	1,437,218	1.5%	51,607	3.5%	1,488,825	1.5%
	2025	565,377	1.0%	46,158	1.0%	12,249	0.0%	195,885	2.0%	8,224	0.9%	23.8	1.1%	658,690	1.6%	1,261	2.0%	522	-0.4%	12,452	0.0%	25,139	0.5%	1,457,543	1.4%	52,335	3.5%	1,509,878	1.4%
	2026	570,519	0.9%	46,610	1.0%	12,240	-0.1%	199,609	1.9%	8,297	0.9%	24.1	1.0%	668,907	1.6%	1,285	1.9%	521	-0.4%	12,452	0.0%	25,251	0.4%	1,476,737	1.3%	53,021	3.5%	1,529,758	1.3%
	2027	574,988	0.8%	47,037	0.9%	12,224	-0.1%	203,184	1.8%	8,366	0.8%	24.3	1.0%	678,662	1.5%	1,308	1.8%	519	-0.3%	12,452	0.0%	25,350	0.4%	1,494,637	1.2%	53,662	3.5%	1,548,299	1.2%
	2028	579,154	0.7%	47,453	0.9%	12,205	-0.2%	206,655	1.7%	8,432	0.8%	24.5	0.9%	688,085	1.4%	1,331	1.7%	517	-0.3%	12,452	0.0%	25,440	0.4%	1,511,786	1.1%	54,278	3.5%	1,566,064	1.1%
	2029	583,033	0.7%	47,856	0.9%	12,183	-0.2%	210,067	1.7%	8,496	0.8%	24.7	0.9%	697,307	1.3%	1,352	1.6%	516	-0.3%	12,452	0.0%	25,523	0.3%	1,528,382	1.1%	54,875	3.5%	1,583,257	1.1%
	2030	586,811	0.6%	48,248	0.8%	12,162	-0.2%	213,454	1.6%	8,559	0.7%	24.9	0.9%	706,426	1.3%	1,373	1.6%	514	-0.3%	12,452	0.0%	25,599	0.3%	1,544,742	1.1%	55,465	3.5%	1,600,207	1.1%
	2031	590,767	0.7%	48,627	0.8%	12,149	-0.1%	216,794	1.6%	8,621	0.7%	25.1	0.8%	715,381	1.3%	1,394	1.5%	513	-0.2%	12,452	0.0%	25,663	0.3%	1,561,057	1.1%	56,053	3.5%	1,617,110	1.1%
	2032	594,547	0.6%	48,996	0.8%	12,135	-0.1%	220,116	1.5%	8,681	0.7%	25.4	0.8%	724,254	1.2%	1,413	1.4%	513	-0.1%	12,452	0.0%	25,714	0.2%	1,577,083	1.0%	56,630	3.5%	1,633,713	1.0%
	2033	597,859	0.6%	49,355	0.7%	12,114	-0.2%	223,362	1.5%	8,739	0.7%	25.6	0.8%	732,889	1.2%	1,431	1.3%	512	-0.1%	12,452	0.0%	25,758	0.2%	1,592,321	1.0%	57,176	3.5%	1,649,497	1.0%
	2034	600,609	0.5%	49,706	0.7%	12,083	-0.3%	226,473	1.4%	8,795	0.6%	25.8	0.8%	741,120	1.1%	1,449	1.3%	511	-0.1%	12,452	0.0%	25,798	0.2%	1,606,452	0.9%	57,684	3.5%	1,664,136	0.9%
	2035	603,285	0.4%	50,053	0.7%	12,053	-0.3%	229,501	1.3%	8,848	0.6%	25.9	0.7%	749,090	1.1%	1,467	1.2%	511	-0.2%	12,452	0.0%	25,837	0.1%	1,620,164	0.9%	58,178	3.5%	1,678,342	0.9%
	2036	605,809	0.4%	50,390	0.7%	12,022	-0.3%	232,464	1.3%	8,900	0.6%	26.1	0.7%	756,861	1.0%	1,485	1.2%	510	-0.2%	12,452	0.0%	25,874	0.1%	1,633,460	0.8%	58,657	3.5%	1,692,117	0.8%
	2037	608,178	0.4%	50,716	0.6%	11,992	-0.3%	235,317	1.2%	8,949	0.6%	26.3	0.7%	764,302	1.0%	1,503	1.2%	509	-0.2%	12,452	0.0%	25,900	0.1%	1,646,149	0.8%	59,114	3.5%	1,705,263	0.8%
	2038	610,830	0.4%	51,048	0.7%	11,966	-0.2%	238,111	1.2%	8,997	0.5%	26.5	0.6%	771,558	0.9%	1,519	1.1%	508	-0.1%	12,452	0.0%	25,917	0.1%	1,658,868	0.8%	59,575	3.5%	1,718,443	0.8%
CAGR	2009-2018		0.3%		0.5%		-0.2%		-0.6%		0.5%		-1.1%		0.1%		1.0%		-0.8%		-0.1%		5.6%		0.2%		3.5%		0.2%
	2019-2028		1.1%		1.2%		-0.1%		2.4%		1.1%		1.3%		2.0%		2.3%		-0.3%		0.0%		0.6%		1.7%		3.5%		1.7%
	2029-2038		0.5%		0.7%		-0.2%		1.4%		0.6%		0.8%		1.1%		1.3%		-0.2%		0.0%		0.2%		0.9%		3.5%		0.9%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - Mild Weather Case

Ocala

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	1,299,969	-	1,304,622	-	0.4%	283.1	-	277.6	-	-2.0%	295.2	-	298.2		1.0%
	2010	1,337,900	2.9%	1,274,117	-2.3%	-4.8%	320.3	13.1%	283.8	2.2%	-11.4%	289.0	-2.1%	274.5	-8.0%	-5.0%
	2011	1,302,274	-2.7%	1,250,512	-1.9%	-4.0%	277.2	-13.5%	275.8	-2.8%	-0.5%	280.7	-2.9%	255.7	-6.8%	-8.9%
	2012	1,230,559	-5.5%	1,237,446	-1.0%	0.6%	260.9	-5.9%	248.4	-9.9%	-4.8%	260.1	-7.3%	292.8	14.5%	12.6%
	2013	1,238,467	0.6%	1,241,672	0.3%	0.3%	234.4	-10.1%	238.0	-4.2%	1.5%	275.8	6.0%	284.3	-2.9%	3.1%
	2014	1,263,334	2.0%	1,267,594	2.1%	0.3%	253.2	8.0%	268.6	12.8%	6.1%	285.1	3.4%	291.8	2.6%	2.3%
	2015	1,294,771	2.5%	1,269,653	0.2%	-1.9%	275.5	8.8%	265.1	-1.3%	-3.8%	286.6	0.5%	306.4	5.0%	6.9%
	2016	1,336,499	3.2%	1,300,032	2.4%	-2.7%	236.1	-14.3%	272.9	2.9%	15.6%	289.3	0.9%	288.4	-5.9%	-0.3%
	2017	1,296,410	-3.0%	1,301,611	0.1%	0.4%	209.9	-11.1%	232.8	-14.7%	10.9%	288.1	-0.4%	312.8	8.5%	8.6%
	2018	1,328,133	2.4%	1,280,757	-1.6%	-3.6%	291.6	38.9%	295.7	27.0%	1.4%	287.6	-0.2%	281.9	-9.9%	-2.0%
Projected	2019	1,294,693	-2.5%	1,294,693	1.1%		267.8	-8.2%	267.8	-9.4%		283.5	-1.4%	283.5	0.6%	
	2020			1,306,639	0.9%				271.5	1.4%				287.4	1.4%	
	2021			1,318,966	0.9%				273.8	0.9%				289.8	0.9%	
	2022			1,330,943	0.9%				276.3	0.9%				292.5	0.9%	
	2023			1,343,208	0.9%				278.8	0.9%				295.1	0.9%	
	2024			1,354,570	0.8%				281.1	0.8%				297.6	0.8%	
	2025			1,365,534	0.8%				283.4	0.8%				300.0	0.8%	
	2026			1,375,890	0.8%				285.5	0.7%				302.2	0.7%	
	2027			1,385,392	0.7%				287.4	0.7%				304.3	0.7%	
	2028			1,394,484	0.7%				289.3	0.6%				306.3	0.6%	
	2029			1,403,306	0.6%				291.1	0.6%				308.2	0.6%	
	2030			1,412,104	0.6%				292.9	0.6%				310.1	0.6%	
	2031			1,421,004	0.6%				294.8	0.6%				312.1	0.6%	
	2032			1,429,783	0.6%				296.6	0.6%				314.0	0.6%	
	2033			1,437,975	0.6%				298.2	0.6%				315.7	0.6%	
	2034			1,445,298	0.5%				299.7	0.5%				317.3	0.5%	
	2035			1,452,328	0.5%				301.2	0.5%				318.8	0.5%	
	2036			1,459,067	0.5%				302.5	0.5%				320.3	0.5%	
	2037			1,465,362	0.4%				303.8	0.4%				321.7	0.4%	
	2038			1,471,754	0.4%				305.2	0.4%				323.1	0.4%	
CAGR [3]	2009-2018		0.2%		-0.2%			0.3%		0.7%			-0.3%		-0.6%	
	2019-2028				0.8%					0.9%					0.9%	
	2029-2038				0.5%					0.5%					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 2019 Load Forecast - Mild Weather Case

Ocala

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	1,299,969	-	1,304,622	-	0.4%	297.3	-	49.9%	295.2	-	50.3%
	2010	1,337,900	2.9%	1,274,117	-2.3%	-4.8%	320.3	7.7%	47.7%	289.0	-2.1%	52.8%
	2011	1,302,274	-2.7%	1,250,512	-1.9%	-4.0%	279.6	-12.7%	53.2%	282.8	-2.2%	52.6%
	2012	1,230,559	-5.5%	1,237,446	-1.0%	0.6%	260.9	-6.7%	53.9%	264.6	-6.4%	53.1%
	2013	1,238,467	0.6%	1,241,672	0.3%	0.3%	236.1	-9.5%	59.9%	275.8	4.2%	51.3%
	2014	1,263,334	2.0%	1,267,594	2.1%	0.3%	253.2	7.2%	57.0%	285.1	3.4%	50.6%
	2015	1,294,771	2.5%	1,269,653	0.2%	-1.9%	275.5	8.8%	53.7%	286.6	0.5%	51.6%
	2016	1,336,499	3.2%	1,300,032	2.4%	-2.7%	257.3	-6.6%	59.3%	295.3	3.0%	51.7%
	2017	1,296,410	-3.0%	1,301,611	0.1%	0.4%	232.6	-9.6%	63.6%	290.6	-1.6%	50.9%
	2018	1,328,133	2.4%	1,280,757	-1.6%	-3.6%	297.0	27.7%	51.0%	287.6	-1.1%	52.7%
Projected	2019	1,294,693	-2.5%	1,294,693	1.1%		268.7	-9.5%	55.0%	285.2	-0.8%	51.8%
	2020	1,306,639	0.9%	1,306,639	0.9%		272.4	1.4%	54.8%	289.1	1.4%	51.6%
	2021	1,318,966	0.9%	1,318,966	0.9%		274.7	0.9%	54.8%	291.5	0.9%	51.6%
	2022	1,330,943	0.9%	1,330,943	0.9%		277.3	0.9%	54.8%	294.2	0.9%	51.6%
	2023	1,343,208	0.9%	1,343,208	0.9%		279.8	0.9%	54.8%	296.9	0.9%	51.7%
	2024	1,354,570	0.8%	1,354,570	0.8%		282.1	0.8%	54.8%	299.4	0.8%	51.7%
	2025	1,365,534	0.8%	1,365,534	0.8%		284.4	0.8%	54.8%	301.8	0.8%	51.7%
	2026	1,375,890	0.8%	1,375,890	0.8%		286.5	0.7%	54.8%	304.0	0.7%	51.7%
	2027	1,385,392	0.7%	1,385,392	0.7%		288.4	0.7%	54.8%	306.1	0.7%	51.7%
	2028	1,394,484	0.7%	1,394,484	0.7%		290.3	0.6%	54.8%	308.0	0.6%	51.7%
	2029	1,403,306	0.6%	1,403,306	0.6%		292.1	0.6%	54.8%	310.0	0.6%	51.7%
	2030	1,412,104	0.6%	1,412,104	0.6%		294.0	0.6%	54.8%	311.9	0.6%	51.7%
	2031	1,421,004	0.6%	1,421,004	0.6%		295.8	0.6%	54.8%	313.9	0.6%	51.7%
	2032	1,429,783	0.6%	1,429,783	0.6%		297.6	0.6%	54.8%	315.8	0.6%	51.7%
	2033	1,437,975	0.6%	1,437,975	0.6%		299.3	0.6%	54.8%	317.6	0.6%	51.7%
	2034	1,445,298	0.5%	1,445,298	0.5%		300.8	0.5%	54.9%	319.2	0.5%	51.7%
	2035	1,452,328	0.5%	1,452,328	0.5%		302.2	0.5%	54.9%	320.7	0.5%	51.7%
	2036	1,459,067	0.5%	1,459,067	0.5%		303.6	0.5%	54.9%	322.2	0.5%	51.7%
	2037	1,465,362	0.4%	1,465,362	0.4%		304.9	0.4%	54.9%	323.5	0.4%	51.7%
	2038	1,471,754	0.4%	1,471,754	0.4%		306.3	0.4%	54.9%	325.0	0.4%	51.7%
CAGR [1]	2009-2018		0.2%		-0.2%			0.0%	54.9%		-0.3%	51.8%
	2019-2028		0.8%		0.8%			0.9%	54.8%		0.9%	51.7%
	2029-2038		0.5%		0.5%			0.5%	54.8%		0.5%	51.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Mild Weather Case

Ocala

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	104,698	93,243	94,823	93,855	111,100	129,116	126,841	127,880	121,124	112,551	87,286	97,362	1,299,880	1,299,969
	2010	117,159	98,914	93,085	90,457	118,666	131,862	135,600	133,919	121,041	99,022	87,205	117,645	1,344,574	1,337,900
	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	112,063	95,529	97,105	1,334,472	1,328,133
Projected	2019	92,848	80,386	93,775	101,783	119,717	125,247	124,750	134,368	117,122	107,049	97,069	98,727	1,292,841	1,294,693
	2020	94,501	82,252	95,172	103,317	121,263	126,669	126,168	135,960	118,492	108,321	98,406	99,958	1,310,479	1,306,639
	2021	95,274	82,925	95,919	104,191	122,296	127,734	127,268	137,161	119,513	109,302	99,312	100,858	1,321,752	1,318,966
	2022	96,145	83,682	96,779	105,129	123,392	128,866	128,425	138,422	120,631	110,341	100,276	101,832	1,333,920	1,330,943
	2023	97,061	84,477	97,687	106,108	124,523	130,019	129,566	139,636	121,682	111,303	101,158	102,712	1,345,931	1,343,208
	2024	97,891	85,203	98,520	107,011	125,572	131,097	130,637	140,784	122,683	112,221	102,003	103,561	1,357,183	1,354,570
	2025	98,692	85,904	99,325	107,883	126,587	132,140	131,674	141,895	123,650	113,109	102,824	104,385	1,368,067	1,365,534
	2026	99,464	86,576	100,092	108,710	127,542	133,110	132,632	142,914	124,533	113,916	103,569	105,127	1,378,185	1,375,890
	2027	100,162	87,188	100,793	109,467	128,420	134,005	133,521	143,864	125,361	114,678	104,278	105,836	1,387,572	1,385,392
	2028	100,828	87,774	101,464	110,194	129,263	134,863	134,373	144,776	126,156	115,412	104,962	106,521	1,396,587	1,394,484
Projected	2029	101,473	88,341	102,115	110,900	130,083	135,697	135,204	145,665	126,934	116,131	105,636	107,196	1,405,373	1,403,306
	2030	102,109	88,904	102,762	111,603	130,902	136,534	136,040	146,564	127,723	116,861	106,319	107,883	1,414,205	1,412,104
	2031	102,757	89,474	103,418	112,315	131,729	137,381	136,883	147,469	128,514	117,592	107,001	108,568	1,423,101	1,421,004
	2032	103,401	90,040	104,066	113,017	132,544	138,210	137,708	148,351	129,284	118,303	107,664	109,232	1,431,820	1,429,783
	2033	104,019	90,579	104,679	113,674	133,298	138,967	138,454	149,140	129,966	118,928	108,247	109,809	1,439,760	1,437,975
	2034	104,558	91,055	105,222	114,261	133,975	139,650	139,132	149,863	130,598	119,513	108,798	110,358	1,446,983	1,445,298
	2035	105,073	91,510	105,743	114,826	134,629	140,310	139,789	150,566	131,214	120,084	109,338	110,898	1,453,978	1,452,328
	2036	105,575	91,953	106,247	115,368	135,252	140,935	140,408	151,224	131,786	120,612	109,835	111,392	1,460,587	1,459,067
	2037	106,037	92,362	106,714	115,874	135,836	141,524	140,993	151,849	132,333	121,120	110,314	111,870	1,466,826	1,465,362
	2038	106,490	92,766	107,182	116,385	136,435	142,138	141,611	152,518	132,924	121,671	110,833	112,394	1,473,349	1,471,754

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.1%	7.2%	7.3%	7.2%	8.5%	9.9%	9.8%	9.8%	9.3%	8.7%	6.7%	7.5%	100.0%
	2010	8.7%	7.4%	6.9%	6.7%	8.8%	9.8%	10.1%	10.0%	9.0%	7.4%	6.5%	8.7%	100.0%
	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	8.8%	6.5%	6.9%	7.0%	8.4%	9.5%	9.7%	10.4%	9.9%	8.4%	7.2%	7.3%	100.0%
Projected	2019	7.2%	6.2%	7.3%	7.9%	9.3%	9.7%	9.6%	10.4%	9.1%	8.3%	7.5%	7.6%	100.0%
	2020	7.2%	6.3%	7.3%	7.9%	9.3%	9.7%	9.6%	10.4%	9.0%	8.3%	7.5%	7.6%	100.0%
	2021	7.2%	6.3%	7.3%	7.9%	9.3%	9.7%	9.6%	10.4%	9.0%	8.3%	7.5%	7.6%	100.0%
	2022	7.2%	6.3%	7.3%	7.9%	9.3%	9.7%	9.6%	10.4%	9.0%	8.3%	7.5%	7.6%	100.0%
	2023	7.2%	6.3%	7.3%	7.9%	9.3%	9.7%	9.6%	10.4%	9.0%	8.3%	7.5%	7.6%	100.0%
	2024	7.2%	6.3%	7.3%	7.9%	9.3%	9.7%	9.6%	10.4%	9.0%	8.3%	7.5%	7.6%	100.0%
	2025	7.2%	6.3%	7.3%	7.9%	9.3%	9.7%	9.6%	10.4%	9.0%	8.3%	7.5%	7.6%	100.0%
	2026	7.2%	6.3%	7.3%	7.9%	9.3%	9.7%	9.6%	10.4%	9.0%	8.3%	7.5%	7.6%	100.0%
	2027	7.2%	6.3%	7.3%	7.9%	9.3%	9.7%	9.6%	10.4%	9.0%	8.3%	7.5%	7.6%	100.0%
	2028	7.2%	6.3%	7.3%	7.9%	9.3%	9.7%	9.6%	10.4%	9.0%	8.3%	7.5%	7.6%	100.0%
Avg.	2009-2018	8.0%	6.9%	7.2%	7.5%	8.8%	9.6%	10.0%	10.3%	9.3%	8.1%	6.9%	7.5%	100.0%
	2019-2028	7.2%	6.3%	7.3%	7.9%	9.3%	9.7%	9.6%	10.4%	9.0%	8.3%	7.5%	7.6%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Mild Weather Case

Ocala

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	290.2	297.3	226.0	203.6	254.4	295.2	268.9	282.0	255.7	260.5	178.1	213.4	297.3	295.2
	2010	320.3	254.6	228.5	189.3	250.4	289.0	282.9	282.5	266.7	230.6	185.7	279.6	320.3	289.0
	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	241.6	216.6	200.5	297.0	287.6
Projected	2019	268.7	245.7	193.5	220.9	253.3	275.4	279.6	285.2	265.9	239.5	219.6	203.2	268.7	285.2
	2020	272.4	249.1	196.1	224.0	256.7	279.2	283.4	289.1	269.5	242.8	221.5	204.9	272.4	289.1
	2021	274.7	251.2	197.8	225.9	258.9	281.6	285.9	291.5	271.8	244.9	223.5	206.8	274.7	291.5
	2022	277.3	253.5	199.6	228.0	261.3	284.2	288.5	294.2	274.3	247.1	225.5	208.7	277.3	294.2
	2023	279.8	255.8	201.4	230.0	263.7	286.7	291.1	296.9	276.8	249.4	227.4	210.4	279.8	296.9
	2024	282.1	258.0	203.1	231.9	265.9	289.1	293.5	299.4	279.1	251.5	229.2	212.1	282.1	299.4
	2025	284.4	260.0	204.7	233.8	268.0	291.4	295.9	301.8	281.4	253.5	230.9	213.7	284.4	301.8
	2026	286.5	261.9	206.2	235.5	270.0	293.6	298.1	304.0	283.4	255.3	232.5	215.1	286.5	304.0
	2027	288.4	263.7	207.6	237.1	271.8	295.6	300.1	306.1	285.4	257.1	234.0	216.5	288.4	306.1
	2028	290.3	265.4	209.0	238.7	273.6	297.5	302.0	308.0	287.2	258.8	235.5	217.9	290.3	308.0
Projected	2029	292.1	267.1	210.3	240.2	275.3	299.4	303.9	310.0	289.0	260.4	237.0	219.3	292.1	310.0
	2030	294.0	268.8	211.6	241.7	277.1	301.3	305.9	311.9	290.8	262.0	238.5	220.7	294.0	311.9
	2031	295.8	270.5	212.9	243.2	278.8	303.2	307.8	313.9	292.7	263.7	239.9	222.0	295.8	313.9
	2032	297.6	272.1	214.2	244.7	280.5	305.0	309.7	315.8	294.5	265.3	241.3	223.2	297.6	315.8
	2033	299.3	273.7	215.4	246.1	282.1	306.7	311.4	317.6	296.1	266.8	242.5	224.4	299.3	317.6
	2034	300.8	275.0	216.5	247.3	283.5	308.2	312.9	319.2	297.6	268.1	243.6	225.4	300.8	319.2
	2035	302.2	276.4	217.6	248.5	284.9	309.7	314.5	320.7	299.0	269.4	244.7	226.5	302.2	320.7
	2036	303.6	277.6	218.6	249.6	286.1	311.1	315.9	322.2	300.4	270.6	245.8	227.4	303.6	322.2
	2037	304.9	278.8	219.5	250.7	287.4	312.5	317.2	323.5	301.7	271.8	246.9	228.4	304.9	323.5
	2038	306.3	280.0	220.5	251.8	288.6	313.9	318.6	325.0	303.0	273.0	248.0	229.5	306.3	325.0

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	48.5%	46.7%	56.4%	62.0%	65.0%	58.8%	65.5%	61.0%	65.8%	58.1%	65.9%	63.4%	49.9%	50.3%
	2010	49.2%	57.8%	54.7%	64.2%	70.5%	61.3%	66.6%	63.7%	63.0%	57.7%	63.1%	58.4%	47.9%	53.1%
	2011	50.8%	55.7%	67.2%	56.1%	65.8%	59.4%	64.5%	65.6%	65.7%	60.2%	62.8%	68.6%	51.7%	51.2%
	2012	49.2%	48.5%	65.2%	58.0%	67.5%	57.9%	65.7%	63.5%	62.7%	59.1%	59.6%	66.0%	54.4%	53.7%
	2013	61.7%	53.6%	53.1%	60.4%	67.0%	60.4%	63.0%	63.2%	62.3%	60.9%	61.8%	66.3%	60.0%	51.3%
	2014	57.5%	56.8%	65.7%	53.6%	66.8%	60.3%	64.4%	62.3%	58.9%	58.1%	52.1%	63.4%	57.1%	50.7%
	2015	57.5%	49.3%	65.2%	61.7%	67.1%	59.4%	65.1%	61.9%	61.6%	60.6%	55.4%	70.3%	54.1%	52.0%
	2016	53.0%	52.9%	62.2%	55.6%	66.2%	62.0%	66.8%	63.3%	66.0%	61.5%	61.6%	70.7%	58.9%	51.3%
	2017	55.5%	64.7%	61.2%	53.5%	66.7%	58.6%	65.4%	64.4%	60.5%	56.9%	61.7%	57.3%	64.1%	51.3%
	2018	52.9%	62.6%	64.8%	62.7%	67.9%	61.3%	64.9%	64.6%	64.4%	62.4%	59.3%	67.3%	51.3%	53.0%
Projected	2019	46.4%	48.7%	65.2%	61.9%	70.3%	61.1%	62.0%	63.3%	61.2%	60.1%	59.4%	67.5%	54.9%	51.8%
	2020	46.6%	47.4%	65.2%	62.0%	70.3%	61.0%	61.8%	63.2%	61.1%	60.0%	59.7%	67.7%	54.9%	51.8%
	2021	46.6%	49.1%	65.2%	62.0%	70.3%	61.0%	61.8%	63.2%	61.1%	60.0%	59.7%	67.7%	54.9%	51.8%
	2022	46.6%	49.1%	65.2%	62.0%	70.3%	61.0%	61.8%	63.2%	61.1%	60.0%	59.8%	67.8%	54.9%	51.8%
	2023	46.6%	49.1%	65.2%	62.0%	70.3%	61.0%	61.8%	63.2%	61.1%	60.0%	59.8%	67.8%	54.9%	51.8%
	2024	46.6%	47.5%	65.2%	62.0%	70.3%	60.9%	61.8%	63.2%	61.0%	60.0%	59.8%	67.8%	54.9%	51.8%
	2025	46.6%	49.2%	65.2%	62.0%	70.3%	60.9%	61.8%	63.2%	61.0%	60.0%	59.8%	67.8%	54.9%	51.8%
	2026	46.7%	49.2%	65.2%	62.0%	70.3%	60.9%	61.8%	63.2%	61.0%	60.0%	59.9%	67.9%	54.9%	51.8%
	2027	46.7%	49.2%	65.2%	62.0%	70.3%	60.9%	61.8%	63.2%	61.0%	60.0%	59.9%	67.9%	54.9%	51.8%
	2028	46.7%	47.5%	65.3%	62.1%	70.3%	60.9%	61.8%	63.2%	61.0%	59.9%	59.9%	67.9%	54.9%	51.8%
Avg.	2009-2018	53.6%	54.9%	61.6%	58.8%	67.0%	59.9%	65.2%	63.3%	63.1%	59.5%	60.3%	65.2%	54.9%	51.8%
	2019-2028	46.6%	48.6%	65.2%	62.0%	70.3%	61.0%	61.8%	63.2%	61.1%	60.0%	59.8%	67.8%	54.9%	51.8%

FMPA 2019 Load Forecast - Mild Weather Case

Ocala

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	290.2	283.1	226.0	203.6	254.4	295.2	261.6	279.7	255.7	253.0	148.0	213.4	283.1	295.2
	2010	320.3	254.6	228.5	189.3	249.8	289.0	280.3	282.5	266.7	226.3	177.5	277.2	320.3	289.0
	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	238.5	208.4	194.1	291.6	287.6
Projected	2019	267.8	245.6	185.9	217.1	248.4	271.8	274.2	283.5	261.1	236.5	211.2	196.7	267.8	283.5
	2020	271.5	249.0	188.5	220.1	251.8	275.5	278.0	287.4	264.7	239.7	213.0	198.4	271.5	287.4
	2021	273.8	251.1	190.1	222.0	253.9	277.8	280.3	289.8	267.0	241.8	215.0	200.3	273.8	289.8
	2022	276.3	253.5	191.8	224.0	256.3	280.4	282.9	292.5	269.4	244.0	216.9	202.1	276.3	292.5
	2023	278.8	255.7	193.6	226.0	258.6	282.9	285.5	295.1	271.9	246.2	218.8	203.8	278.8	295.1
	2024	281.1	257.9	195.2	227.9	260.8	285.3	287.9	297.6	274.1	248.3	220.5	205.4	281.1	297.6
	2025	283.4	259.9	196.7	229.8	262.8	287.6	290.2	300.0	276.3	250.3	222.1	206.9	283.4	300.0
	2026	285.5	261.9	198.2	231.5	264.8	289.7	292.3	302.2	278.4	252.1	223.7	208.3	285.5	302.2
	2027	287.4	263.6	199.5	233.0	266.6	291.7	294.3	304.3	280.3	253.8	225.1	209.7	287.4	304.3
	2028	289.3	265.4	200.8	234.5	268.3	293.6	296.2	306.3	282.1	255.5	226.5	211.0	289.3	306.3
Projected	2029	291.1	267.0	202.1	236.0	270.0	295.4	298.1	308.2	283.9	257.1	227.9	212.3	291.1	308.2
	2030	292.9	268.7	203.4	237.5	271.7	297.3	300.0	310.1	285.6	258.7	229.4	213.7	292.9	310.1
	2031	294.8	270.4	204.7	239.0	273.4	299.1	301.8	312.1	287.4	260.3	230.8	215.0	294.8	312.1
	2032	296.6	272.1	205.9	240.5	275.1	301.0	303.7	314.0	289.2	261.9	232.1	216.2	296.6	314.0
	2033	298.2	273.6	207.1	241.8	276.6	302.6	305.4	315.7	290.8	263.4	233.2	217.2	298.2	315.7
	2034	299.7	274.9	208.1	243.0	278.0	304.2	306.9	317.3	292.3	264.7	234.4	218.3	299.7	317.3
	2035	301.2	276.3	209.1	244.2	279.3	305.6	308.4	318.8	293.7	266.0	235.4	219.3	301.2	318.8
	2036	302.5	277.5	210.0	245.3	280.6	307.0	309.8	320.3	295.0	267.2	236.4	220.2	302.5	320.3
	2037	303.8	278.7	210.9	246.3	281.8	308.3	311.1	321.7	296.3	268.3	237.5	221.2	303.8	321.7
	2038	305.2	279.9	211.9	247.4	283.1	309.7	312.5	323.1	297.6	269.5	238.6	222.2	305.2	323.1

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	100.0%	95.2%	100.0%	100.0%	100.0%	100.0%	97.3%	99.2%	100.0%	97.1%	83.1%	100.0%	95.2%	100.0%
	2010	100.0%	100.0%	100.0%	100.0%	99.8%	100.0%	99.1%	100.0%	100.0%	98.1%	95.6%	99.1%	100.0%	100.0%
	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%	98.7%	96.2%	96.8%	98.2%	100.0%
Projected	2019	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2020	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2021	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2022	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2023	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2024	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2025	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2026	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2027	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2028	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2009-2018	99.7%	99.5%	96.1%	98.3%	98.1%	98.7%	98.4%	99.7%	98.2%	98.4%	95.0%	96.9%	97.4%	99.5%
	2019-2028	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%

FMPA 2019 Load Forecast - Mild Weather Case - Ocala

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	505,880		40,119		12,609		169,056		7,188		23.5		549,768		971		566		12,525		14,641		1,251,870		48,099	3.7%	1,299,969	
	2010	535,768	5.9%	39,082	-2.6%	13,709	8.7%	170,158	0.7%	7,043	-2.0%	24.2	2.7%	546,838	-0.5%	964	-0.7%	567	0.2%	12,628	0.8%	14,923	1.9%	1,280,315	2.3%	57,585	4.3%	1,337,900	2.9%
	2011	523,603	-2.3%	39,663	1.5%	13,201	-3.7%	167,759	-1.4%	7,242	2.8%	23.2	-4.1%	554,408	1.4%	1,009	4.7%	549	-3.2%	12,460	-1.3%	13,122	-12.1%	1,271,352	-0.7%	30,922	2.4%	1,302,274	-2.7%
	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%
Projected	2019	488,847	-6.0%	42,544	1.4%	11,490	-7.4%	160,087	-0.1%	7,615	1.1%	21.0	-1.2%	564,063	1.3%	1,079	1.7%	523	-0.4%	12,452	0.0%	23,678	-0.7%	1,249,126	-1.9%	45,566	3.5%	1,294,693	-2.5%
	2020	487,669	-0.2%	42,944	0.9%	11,356	-1.2%	162,097	1.3%	7,670	0.7%	21.1	0.5%	574,202	1.8%	1,099	1.9%	522	-0.1%	12,452	0.0%	23,714	0.2%	1,260,133	0.9%	46,506	3.6%	1,306,639	0.9%
	2021	489,997	0.5%	43,325	0.9%	11,310	-0.4%	164,207	1.3%	7,721	0.7%	21.3	0.6%	581,618	1.3%	1,118	1.8%	520	-0.5%	12,452	0.0%	23,773	0.3%	1,272,048	0.9%	46,918	3.6%	1,318,966	0.9%
	2022	492,741	0.6%	43,695	0.9%	11,277	-0.3%	166,481	1.4%	7,775	0.7%	21.4	0.7%	588,099	1.1%	1,137	1.7%	517	-0.5%	12,452	0.0%	23,832	0.2%	1,283,605	0.9%	47,338	3.6%	1,330,943	0.9%
	2023	495,632	0.6%	44,038	0.8%	11,255	-0.2%	168,792	1.4%	7,828	0.7%	21.6	0.7%	594,670	1.1%	1,155	1.6%	515	-0.5%	12,452	0.0%	23,890	0.2%	1,295,436	0.9%	47,772	3.6%	1,343,208	0.9%
	2024	498,371	0.6%	44,363	0.7%	11,234	-0.2%	170,929	1.3%	7,878	0.6%	21.7	0.6%	600,699	1.0%	1,173	1.6%	512	-0.5%	12,452	0.0%	23,946	0.2%	1,306,397	0.8%	48,173	3.6%	1,354,570	0.8%
	2025	501,076	0.5%	44,674	0.7%	11,216	-0.2%	172,985	1.2%	7,925	0.6%	21.8	0.6%	606,462	1.0%	1,191	1.5%	509	-0.5%	12,452	0.0%	23,999	0.2%	1,316,973	0.8%	48,562	3.6%	1,365,534	0.8%
	2026	503,376	0.5%	44,971	0.7%	11,193	-0.2%	174,999	1.2%	7,970	0.6%	22.0	0.6%	612,088	0.9%	1,208	1.5%	507	-0.5%	12,452	0.0%	24,049	0.2%	1,326,964	0.8%	48,927	3.6%	1,375,890	0.8%
	2027	505,202	0.4%	45,248	0.6%	11,165	-0.3%	176,931	1.1%	8,014	0.5%	22.1	0.6%	617,454	0.9%	1,225	1.4%	504	-0.5%	12,452	0.0%	24,091	0.2%	1,336,129	0.7%	49,262	3.6%	1,385,392	0.7%
	2028	506,855	0.3%	45,518	0.6%	11,135	-0.3%	178,812	1.1%	8,055	0.5%	22.2	0.5%	622,655	0.8%	1,241	1.3%	502	-0.5%	12,452	0.0%	24,127	0.2%	1,344,900	0.7%	49,584	3.6%	1,394,484	0.7%
	2029	508,349	0.3%	45,782	0.6%	11,104	-0.3%	180,672	1.0%	8,096	0.5%	22.3	0.5%	627,777	0.8%	1,257	1.3%	500	-0.4%	12,452	0.0%	24,159	0.1%	1,353,408	0.6%	49,898	3.6%	1,403,306	0.6%
	2030	509,834	0.3%	46,037	0.6%	11,075	-0.3%	182,532	1.0%	8,136	0.5%	22.4	0.5%	632,888	0.8%	1,272	1.2%	498	-0.4%	12,452	0.0%	24,186	0.1%	1,361,893	0.6%	50,211	3.6%	1,412,104	0.6%
	2031	511,527	0.3%	46,282	0.5%	11,052	-0.2%	184,371	1.0%	8,175	0.5%	22.6	0.5%	637,921	0.8%	1,286	1.2%	496	-0.4%	12,452	0.0%	24,205	0.1%	1,370,476	0.6%	50,528	3.6%	1,421,004	0.6%
	2032	513,113	0.3%	46,519	0.5%	11,030	-0.2%	186,214	1.0%	8,214	0.5%	22.7	0.5%	642,951	0.8%	1,300	1.1%	495	-0.3%	12,452	0.0%	24,214	0.0%	1,378,944	0.6%	50,839	3.6%	1,429,783	0.6%
	2033	514,350	0.2%	46,750	0.5%	11,002	-0.3%	188,005	1.0%	8,252	0.5%	22.8	0.5%	647,823	0.8%	1,313	1.0%	493	-0.2%	12,452	0.0%	24,217	0.0%	1,386,847	0.6%	51,128	3.6%	1,437,975	0.6%
	2034	515,155	0.2%	46,977	0.5%	10,966	-0.3%	189,698	0.9%	8,287	0.4%	22.9	0.5%	652,390	0.7%	1,326	1.0%	492	-0.3%	12,452	0.0%	24,217	0.0%	1,393,912	0.5%	51,386	3.6%	1,445,298	0.5%
	2035	515,925	0.1%	47,200	0.5%	10,931	-0.3%	191,329	0.9%	8,320	0.4%	23.0	0.5%	656,768	0.7%	1,338	1.0%	491	-0.3%	12,452	0.0%	24,218	0.0%	1,400,692	0.5%	51,635	3.6%	1,452,328	0.5%
	2036	516,605	0.1%	47,415	0.5%	10,895	-0.3%	192,914	0.8%	8,353	0.4%	23.1	0.4%	661,002	0.6%	1,351	1.0%	489	-0.3%	12,452	0.0%	24,219	0.0%	1,407,193	0.5%	51,874	3.6%	1,459,067	0.5%
	2037	517,189	0.1%	47,621	0.4%	10,861	-0.3%	194,419	0.8%	8,383	0.4%	23.2	0.4%	664,994	0.6%	1,364	0.9%	488	-0.3%	12,452	0.0%	24,211	0.0%	1,413,265	0.4%	52,097	3.6%	1,465,362	0.4%
	2038	518,046	0.2%	47,834	0.4%	10,830	-0.3%	195,883	0.8%	8,412	0.4%	23.3	0.4%	668,853	0.6%	1,375	0.8%	486	-0.3%	12,452	0.0%	24,194	-0.1%	1,419,428	0.4%	52,326	3.6%	1,471,754	0.4%
CAGR	2009-2018		0.3%		0.5%		-0.2%		-0.6%		0.5%		-1.1%		0.1%		1.0%		-0.8%		-0.1%		5.6%		0.2%		3.5%		0.2%
	2019-2028		0.4%		0.8%		-0.3%		1.2%		0.6%		0.6%		1.1%		1.6%		-0.5%		0.0%		0.2%		0.8%		3.6%		0.8%
	2029-2038		0.2%		0.5%		-0.3%		0.9%		0.4%		0.5%		0.7%		1.0%		-0.3%		0.0%		0.0%		0.5%		3.6%		0.5%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - Severe Weather Case

Ocala

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

	Year	Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		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	2009	1,299,969	-	1,304,622	-	0.4%	283.1	-	277.6	-	-2.0%	295.2	-	298.2		1.0%
	2010	1,337,900	2.9%	1,274,117	-2.3%	-4.8%	320.3	13.1%	283.8	2.2%	-11.4%	289.0	-2.1%	274.5	-8.0%	-5.0%
	2011	1,302,274	-2.7%	1,250,512	-1.9%	-4.0%	277.2	-13.5%	275.8	-2.8%	-0.5%	280.7	-2.9%	255.7	-6.8%	-8.9%
	2012	1,230,559	-5.5%	1,237,446	-1.0%	0.6%	260.9	-5.9%	248.4	-9.9%	-4.8%	260.1	-7.3%	292.8	14.5%	12.6%
	2013	1,238,467	0.6%	1,241,672	0.3%	0.3%	234.4	-10.1%	238.0	-4.2%	1.5%	275.8	6.0%	284.3	-2.9%	3.1%
	2014	1,263,334	2.0%	1,267,594	2.1%	0.3%	253.2	8.0%	268.6	12.8%	6.1%	285.1	3.4%	291.8	2.6%	2.3%
	2015	1,294,771	2.5%	1,269,653	0.2%	-1.9%	275.5	8.8%	265.1	-1.3%	-3.8%	286.6	0.5%	306.4	5.0%	6.9%
	2016	1,336,499	3.2%	1,300,032	2.4%	-2.7%	236.1	-14.3%	272.9	2.9%	15.6%	289.3	0.9%	288.4	-5.9%	-0.3%
	2017	1,296,410	-3.0%	1,301,611	0.1%	0.4%	209.9	-11.1%	232.8	-14.7%	10.9%	288.1	-0.4%	312.8	8.5%	8.6%
	2018	1,328,133	2.4%	1,280,757	-1.6%	-3.6%	291.6	38.9%	295.7	27.0%	1.4%	287.6	-0.2%	281.9	-9.9%	-2.0%
Projected	2019	1,393,585	4.9%	1,393,585	8.8%		289.1	-0.9%	289.1	-2.2%		306.0	6.4%	306.0	8.5%	
	2020			1,411,112	1.3%				292.9	1.3%				310.1	1.3%	
	2021			1,424,074	0.9%				295.4	0.8%				312.7	0.8%	
	2022			1,436,811	0.9%				298.1	0.9%				315.5	0.9%	
	2023			1,449,859	0.9%				300.7	0.9%				318.3	0.9%	
	2024			1,461,949	0.8%				303.2	0.8%				320.9	0.8%	
	2025			1,473,632	0.8%				305.6	0.8%				323.5	0.8%	
	2026			1,484,638	0.7%				307.8	0.7%				325.8	0.7%	
	2027			1,494,691	0.7%				309.9	0.7%				328.0	0.7%	
	2028			1,504,300	0.6%				311.8	0.6%				330.1	0.6%	
	2029			1,513,611	0.6%				313.8	0.6%				332.1	0.6%	
	2030			1,522,888	0.6%				315.7	0.6%				334.2	0.6%	
	2031			1,532,306	0.6%				317.6	0.6%				336.2	0.6%	
	2032			1,541,585	0.6%				319.5	0.6%				338.3	0.6%	
	2033			1,550,219	0.6%				321.3	0.5%				340.1	0.5%	
	2034			1,557,887	0.5%				322.8	0.5%				341.7	0.5%	
	2035			1,565,251	0.5%				324.4	0.5%				343.4	0.5%	
	2036			1,572,306	0.5%				325.8	0.4%				344.9	0.4%	
	2037			1,578,885	0.4%				327.1	0.4%				346.3	0.4%	
	2038			1,585,592	0.4%				328.6	0.4%				347.8	0.4%	
CAGR [3]	2009-2018		0.2%		-0.2%			0.3%		0.7%			-0.3%		-0.6%	
	2019-2028				0.9%					0.8%					0.8%	
	2029-2038				0.5%					0.5%					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 2019 Load Forecast - Severe Weather Case

Ocala

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	1,299,969	-	1,304,622	-	0.4%	297.3	-	49.9%	295.2	-	50.3%
	2010	1,337,900	2.9%	1,274,117	-2.3%	-4.8%	320.3	7.7%	47.7%	289.0	-2.1%	52.8%
	2011	1,302,274	-2.7%	1,250,512	-1.9%	-4.0%	279.6	-12.7%	53.2%	282.8	-2.2%	52.6%
	2012	1,230,559	-5.5%	1,237,446	-1.0%	0.6%	260.9	-6.7%	53.9%	264.6	-6.4%	53.1%
	2013	1,238,467	0.6%	1,241,672	0.3%	0.3%	236.1	-9.5%	59.9%	275.8	4.2%	51.3%
	2014	1,263,334	2.0%	1,267,594	2.1%	0.3%	253.2	7.2%	57.0%	285.1	3.4%	50.6%
	2015	1,294,771	2.5%	1,269,653	0.2%	-1.9%	275.5	8.8%	53.7%	286.6	0.5%	51.6%
	2016	1,336,499	3.2%	1,300,032	2.4%	-2.7%	257.3	-6.6%	59.3%	295.3	3.0%	51.7%
	2017	1,296,410	-3.0%	1,301,611	0.1%	0.4%	232.6	-9.6%	63.6%	290.6	-1.6%	50.9%
	2018	1,328,133	2.4%	1,280,757	-1.6%	-3.6%	297.0	27.7%	51.0%	287.6	-1.1%	52.7%
Projected	2019	1,393,585	4.9%	1,393,585	8.8%		290.1	-2.3%	54.8%	307.8	7.0%	51.7%
	2020	1,411,112	1.3%	1,411,112	1.3%		293.9	1.3%	54.8%	311.9	1.3%	51.7%
	2021	1,424,074	0.9%	1,424,074	0.9%		296.4	0.8%	54.8%	314.5	0.8%	51.7%
	2022	1,436,811	0.9%	1,436,811	0.9%		299.1	0.9%	54.8%	317.4	0.9%	51.7%
	2023	1,449,859	0.9%	1,449,859	0.9%		301.8	0.9%	54.8%	320.2	0.9%	51.7%
	2024	1,461,949	0.8%	1,461,949	0.8%		304.2	0.8%	54.9%	322.8	0.8%	51.7%
	2025	1,473,632	0.8%	1,473,632	0.8%		306.7	0.8%	54.9%	325.4	0.8%	51.7%
	2026	1,484,638	0.7%	1,484,638	0.7%		308.9	0.7%	54.9%	327.7	0.7%	51.7%
	2027	1,494,691	0.7%	1,494,691	0.7%		310.9	0.7%	54.9%	329.9	0.7%	51.7%
	2028	1,504,300	0.6%	1,504,300	0.6%		312.9	0.6%	54.9%	332.0	0.6%	51.7%
	2029	1,513,611	0.6%	1,513,611	0.6%		314.9	0.6%	54.9%	334.1	0.6%	51.7%
	2030	1,522,888	0.6%	1,522,888	0.6%		316.8	0.6%	54.9%	336.1	0.6%	51.7%
	2031	1,532,306	0.6%	1,532,306	0.6%		318.7	0.6%	54.9%	338.2	0.6%	51.7%
	2032	1,541,585	0.6%	1,541,585	0.6%		320.7	0.6%	54.9%	340.2	0.6%	51.7%
	2033	1,550,219	0.6%	1,550,219	0.6%		322.4	0.5%	54.9%	342.1	0.5%	51.7%
	2034	1,557,887	0.5%	1,557,887	0.5%		324.0	0.5%	54.9%	343.7	0.5%	51.7%
	2035	1,565,251	0.5%	1,565,251	0.5%		325.5	0.5%	54.9%	345.4	0.5%	51.7%
	2036	1,572,306	0.5%	1,572,306	0.5%		326.9	0.4%	54.9%	346.9	0.4%	51.7%
	2037	1,578,885	0.4%	1,578,885	0.4%		328.3	0.4%	54.9%	348.3	0.4%	51.7%
	2038	1,585,592	0.4%	1,585,592	0.4%		329.7	0.4%	54.9%	349.8	0.4%	51.7%
CAGR [1]	2009-2018		0.2%		-0.2%			0.0%	54.9%		-0.3%	51.8%
	2019-2028		0.9%		0.9%			0.8%	54.9%		0.8%	51.7%
	2029-2038		0.5%		0.5%			0.5%	54.9%		0.5%	51.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Severe Weather Case

Ocala

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	104,698	93,243	94,823	93,855	111,100	129,116	126,841	127,880	121,124	112,551	87,286	97,362	1,299,880	1,299,969
	2010	117,159	98,914	93,085	90,457	118,666	131,862	135,600	133,919	121,041	99,022	87,205	117,645	1,344,574	1,337,900
	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	112,063	95,529	107,100	1,344,467	1,328,133
Projected	2019	118,095	99,511	101,195	101,783	119,717	129,400	135,299	146,637	127,257	111,826	97,069	108,826	1,396,615	1,393,585
	2020	119,979	101,554	102,662	103,317	121,263	130,844	136,777	148,304	128,690	113,129	98,406	110,101	1,415,028	1,411,112
	2021	120,872	102,328	103,453	104,191	122,296	131,940	137,961	149,604	129,791	114,151	99,312	111,068	1,426,968	1,424,074
	2022	121,912	103,213	104,363	105,129	123,392	133,104	139,205	150,968	130,996	115,233	100,276	112,113	1,439,902	1,436,811
	2023	123,006	104,145	105,324	106,108	124,523	134,290	140,432	152,281	132,129	116,234	101,158	113,057	1,452,686	1,449,859
	2024	123,998	104,996	106,207	107,011	125,572	135,399	141,585	153,524	133,208	117,191	102,003	113,972	1,464,665	1,461,949
	2025	124,964	105,822	107,062	107,883	126,587	136,472	142,701	154,725	134,251	118,116	102,824	114,855	1,476,262	1,473,632
	2026	125,885	106,607	107,873	108,710	127,542	137,470	143,730	155,826	135,200	118,955	103,569	115,645	1,487,012	1,484,638
	2027	126,702	107,311	108,611	109,467	128,420	138,389	144,682	156,849	136,089	119,748	104,278	116,398	1,496,945	1,494,691
	2028	127,479	107,983	109,317	110,194	129,263	139,270	145,596	157,832	136,944	120,510	104,962	117,124	1,506,473	1,504,300
Projected	2029	128,227	108,630	110,000	110,900	130,083	140,125	146,485	158,788	137,777	121,257	105,636	117,837	1,515,744	1,513,611
	2030	128,959	109,269	110,679	111,603	130,902	140,985	147,381	159,757	138,624	122,017	106,319	118,568	1,525,062	1,522,888
	2031	129,718	109,926	111,369	112,315	131,729	141,854	148,285	160,732	139,474	122,777	107,001	119,295	1,534,475	1,532,306
	2032	130,468	110,574	112,051	113,017	132,544	142,706	149,169	161,683	140,301	123,515	107,664	119,998	1,543,690	1,541,585
	2033	131,183	111,187	112,692	113,674	133,298	143,482	149,965	162,529	141,030	124,164	108,247	120,601	1,552,054	1,550,219
	2034	131,788	111,715	113,257	114,261	133,975	144,181	150,688	163,304	141,705	124,771	108,798	121,176	1,559,620	1,557,887
	2035	132,367	112,221	113,799	114,826	134,629	144,857	151,388	164,057	142,362	125,364	109,338	121,740	1,566,947	1,565,251
	2036	132,931	112,712	114,323	115,368	135,252	145,497	152,048	164,761	142,974	125,912	109,835	122,255	1,573,866	1,572,306
	2037	133,444	113,163	114,808	115,874	135,836	146,100	152,671	165,430	143,557	126,438	110,314	122,753	1,580,389	1,578,885
	2038	133,952	113,613	115,295	116,385	136,435	146,730	153,333	166,151	144,192	127,011	110,833	123,311	1,587,243	1,585,592

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.1%	7.2%	7.3%	7.2%	8.5%	9.9%	9.8%	9.8%	9.3%	8.7%	6.7%	7.5%	100.0%
	2010	8.7%	7.4%	6.9%	6.7%	8.8%	9.8%	10.1%	10.0%	9.0%	7.4%	6.5%	8.7%	100.0%
	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%	9.6%	10.3%	9.9%	8.3%	7.1%	8.0%	100.0%
Projected	2019	8.5%	7.1%	7.2%	7.3%	8.6%	9.3%	9.7%	10.5%	9.1%	8.0%	7.0%	7.8%	100.0%
	2020	8.5%	7.2%	7.3%	7.3%	8.6%	9.2%	9.7%	10.5%	9.1%	8.0%	7.0%	7.8%	100.0%
	2021	8.5%	7.2%	7.2%	7.3%	8.6%	9.2%	9.7%	10.5%	9.1%	8.0%	7.0%	7.8%	100.0%
	2022	8.5%	7.2%	7.2%	7.3%	8.6%	9.2%	9.7%	10.5%	9.1%	8.0%	7.0%	7.8%	100.0%
	2023	8.5%	7.2%	7.3%	7.3%	8.6%	9.2%	9.7%	10.5%	9.1%	8.0%	7.0%	7.8%	100.0%
	2024	8.5%	7.2%	7.3%	7.3%	8.6%	9.2%	9.7%	10.5%	9.1%	8.0%	7.0%	7.8%	100.0%
	2025	8.5%	7.2%	7.3%	7.3%	8.6%	9.2%	9.7%	10.5%	9.1%	8.0%	7.0%	7.8%	100.0%
	2026	8.5%	7.2%	7.3%	7.3%	8.6%	9.2%	9.7%	10.5%	9.1%	8.0%	7.0%	7.8%	100.0%
	2027	8.5%	7.2%	7.3%	7.3%	8.6%	9.2%	9.7%	10.5%	9.1%	8.0%	7.0%	7.8%	100.0%
	2028	8.5%	7.2%	7.3%	7.3%	8.6%	9.2%	9.7%	10.5%	9.1%	8.0%	7.0%	7.8%	100.0%
Avg.	2009-2018	8.0%	6.8%	7.2%	7.4%	8.8%	9.6%	10.0%	10.3%	9.3%	8.1%	6.9%	7.5%	100.0%
	2019-2028	8.5%	7.2%	7.3%	7.3%	8.6%	9.2%	9.7%	10.5%	9.1%	8.0%	7.0%	7.8%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Severe Weather Case

Ocala

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	290.2	297.3	226.0	203.6	254.4	295.2	268.9	282.0	255.7	260.5	178.1	213.4	297.3	295.2
	2010	320.3	254.6	228.5	189.3	250.4	289.0	282.9	282.5	266.7	230.6	185.7	279.6	320.3	289.0
	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	241.6	233.9	216.4	297.0	287.6
Projected	2019	290.1	265.3	208.8	238.5	273.4	297.3	301.8	307.8	287.0	258.6	236.9	219.2	290.1	307.8
	2020	293.9	268.8	211.6	241.6	277.0	301.2	305.8	311.9	290.8	262.0	238.9	221.1	293.9	311.9
	2021	296.4	271.0	213.4	243.7	279.3	303.7	308.4	314.5	293.2	264.2	241.1	223.1	296.4	314.5
	2022	299.1	273.5	215.3	245.9	281.9	306.5	311.2	317.4	295.9	266.6	243.2	225.1	299.1	317.4
	2023	301.8	275.9	217.2	248.1	284.4	309.2	313.9	320.2	298.5	268.9	245.3	226.9	301.8	320.2
	2024	304.2	278.2	219.0	250.1	286.7	311.8	316.5	322.8	301.0	271.2	247.2	228.7	304.2	322.8
	2025	306.7	280.4	220.7	252.1	289.0	314.2	319.0	325.4	303.4	273.3	249.0	230.4	306.7	325.4
	2026	308.9	282.4	222.3	253.9	291.1	316.5	321.4	327.7	305.6	275.3	250.7	231.9	308.9	327.7
	2027	310.9	284.3	223.8	255.6	293.0	318.6	323.5	329.9	307.6	277.1	252.3	233.4	310.9	329.9
	2028	312.9	286.1	225.3	257.3	294.9	320.7	325.6	332.0	309.6	278.9	253.8	234.9	312.9	332.0
Projected	2029	314.9	287.9	226.6	258.8	296.7	322.6	327.6	334.1	311.5	280.6	255.4	236.3	314.9	334.1
	2030	316.8	289.7	228.0	260.4	298.6	324.6	329.6	336.1	313.4	282.3	256.9	237.8	316.8	336.1
	2031	318.7	291.5	229.4	262.0	300.4	326.6	331.6	338.2	315.3	284.1	258.5	239.2	318.7	338.2
	2032	320.7	293.2	230.8	263.6	302.2	328.6	333.6	340.2	317.2	285.8	259.9	240.5	320.7	340.2
	2033	322.4	294.8	232.1	265.0	303.8	330.4	335.4	342.1	318.9	287.3	261.2	241.6	322.4	342.1
	2034	324.0	296.2	233.2	266.3	305.3	332.0	337.0	343.7	320.5	288.7	262.4	242.8	324.0	343.7
	2035	325.5	297.6	234.3	267.6	306.8	333.5	338.6	345.4	322.0	290.1	263.5	243.9	325.5	345.4
	2036	326.9	298.9	235.3	268.8	308.1	335.0	340.1	346.9	323.4	291.4	264.6	244.9	326.9	346.9
	2037	328.3	300.2	236.3	269.9	309.4	336.4	341.5	348.3	324.8	292.6	265.8	245.9	328.3	348.3
	2038	329.7	301.5	237.3	271.1	310.7	337.9	343.0	349.8	326.2	293.9	267.0	247.0	329.7	349.8

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	48.5%	46.7%	56.4%	62.0%	65.0%	58.8%	65.5%	61.0%	65.8%	58.1%	65.9%	63.4%	49.9%	50.3%
	2010	49.2%	57.8%	54.7%	64.2%	70.5%	61.3%	66.6%	63.7%	63.0%	57.7%	63.1%	58.4%	47.9%	53.1%
	2011	50.8%	55.7%	67.2%	56.1%	65.8%	59.4%	64.5%	65.6%	65.7%	60.2%	62.8%	68.6%	51.7%	51.2%
	2012	49.2%	48.5%	65.2%	58.0%	67.5%	57.9%	65.7%	63.5%	62.7%	59.1%	59.6%	66.0%	54.4%	53.7%
	2013	61.7%	53.6%	53.1%	60.4%	67.0%	60.4%	63.0%	63.2%	62.3%	60.9%	61.8%	66.3%	60.0%	51.3%
	2014	57.5%	56.8%	65.7%	53.6%	66.8%	60.3%	64.4%	62.3%	58.9%	58.1%	52.1%	63.4%	57.1%	50.7%
	2015	57.5%	49.3%	65.2%	61.7%	67.1%	59.4%	65.1%	61.9%	61.6%	60.6%	55.4%	70.3%	54.1%	52.0%
	2016	53.0%	52.9%	62.2%	55.6%	66.2%	62.0%	66.8%	63.3%	66.0%	61.5%	61.6%	70.7%	58.9%	51.3%
	2017	55.5%	64.7%	61.2%	53.5%	66.7%	58.6%	65.4%	64.4%	60.5%	56.9%	61.7%	57.3%	64.1%	51.3%
	2018	52.9%	62.6%	64.8%	62.7%	67.9%	61.3%	64.9%	64.6%	64.4%	62.4%	54.9%	68.7%	51.7%	53.4%
Projected	2019	54.7%	55.8%	65.1%	57.4%	65.2%	58.5%	62.3%	64.0%	61.6%	58.1%	55.1%	68.9%	55.0%	51.8%
	2020	54.9%	54.3%	65.2%	57.5%	65.1%	58.4%	62.1%	63.9%	61.5%	58.0%	55.4%	69.2%	55.0%	51.8%
	2021	54.8%	56.2%	65.2%	57.5%	65.1%	58.4%	62.1%	63.9%	61.5%	58.1%	55.4%	69.1%	55.0%	51.8%
	2022	54.8%	56.2%	65.2%	57.5%	65.1%	58.4%	62.1%	63.9%	61.5%	58.1%	55.4%	69.2%	55.0%	51.8%
	2023	54.8%	56.2%	65.2%	57.5%	65.2%	58.4%	62.1%	63.9%	61.5%	58.1%	55.4%	69.2%	55.0%	51.8%
	2024	54.8%	54.2%	65.2%	57.5%	65.2%	58.4%	62.1%	63.9%	61.5%	58.1%	55.5%	69.2%	55.0%	51.8%
	2025	54.8%	56.2%	65.2%	57.5%	65.2%	58.4%	62.1%	63.9%	61.5%	58.1%	55.5%	69.2%	55.0%	51.8%
	2026	54.8%	56.2%	65.2%	57.5%	65.2%	58.4%	62.1%	63.9%	61.5%	58.1%	55.5%	69.3%	55.0%	51.8%
	2027	54.8%	56.2%	65.2%	57.6%	65.2%	58.4%	62.1%	63.9%	61.4%	58.1%	55.6%	69.3%	55.0%	51.8%
	2028	54.8%	54.2%	65.2%	57.6%	65.2%	58.4%	62.1%	63.9%	61.4%	58.1%	55.6%	69.3%	55.0%	51.8%
Avg.	2009-2018	53.6%	54.9%	61.6%	58.8%	67.0%	59.9%	65.2%	63.3%	63.1%	59.5%	59.9%	65.3%	55.0%	51.8%
	2019-2028	54.8%	55.6%	65.2%	57.5%	65.2%	58.4%	62.1%	63.9%	61.5%	58.1%	55.4%	69.2%	55.0%	51.8%

FMPA 2019 Load Forecast - Severe Weather Case

Ocala

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	290.2	283.1	226.0	203.6	254.4	295.2	261.6	279.7	255.7	253.0	148.0	213.4	283.1	295.2
	2010	320.3	254.6	228.5	189.3	249.8	289.0	280.3	282.5	266.7	226.3	177.5	277.2	320.3	289.0
	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	238.5	225.0	209.5	291.6	287.6
Projected	2019	289.1	265.2	200.7	234.4	268.1	293.4	296.0	306.0	281.9	255.3	227.9	212.3	289.1	306.0
	2020	292.9	268.7	203.4	237.5	271.7	297.2	299.9	310.1	285.6	258.7	229.8	214.1	292.9	310.1
	2021	295.4	270.9	205.1	239.5	273.9	299.7	302.4	312.7	288.0	260.8	231.9	216.0	295.4	312.7
	2022	298.1	273.4	206.9	241.6	276.4	302.4	305.2	315.5	290.6	263.2	234.0	217.9	298.1	315.5
	2023	300.7	275.8	208.8	243.8	278.9	305.1	307.9	318.3	293.2	265.5	235.9	219.7	300.7	318.3
	2024	303.2	278.1	210.5	245.8	281.2	307.6	310.4	320.9	295.6	267.7	237.8	221.5	303.2	320.9
	2025	305.6	280.3	212.2	247.7	283.4	310.1	312.9	323.5	298.0	269.8	239.5	223.1	305.6	323.5
	2026	307.8	282.3	213.7	249.5	285.5	312.3	315.2	325.8	300.1	271.8	241.1	224.6	307.8	325.8
	2027	309.9	284.2	215.1	251.2	287.4	314.4	317.3	328.0	302.1	273.6	242.6	226.0	309.9	328.0
	2028	311.8	286.0	216.5	252.8	289.2	316.4	319.3	330.1	304.1	275.4	244.1	227.4	311.8	330.1
Projected	2029	313.8	287.8	217.8	254.4	291.0	318.4	321.2	332.1	305.9	277.1	245.6	228.8	313.8	332.1
	2030	315.7	289.6	219.2	255.9	292.8	320.3	323.2	334.2	307.8	278.8	247.2	230.2	315.7	334.2
	2031	317.6	291.4	220.5	257.5	294.6	322.3	325.2	336.2	309.7	280.5	248.6	231.6	317.6	336.2
	2032	319.5	293.1	221.8	259.0	296.4	324.2	327.2	338.3	311.6	282.2	250.0	232.9	319.5	338.3
	2033	321.3	294.7	223.0	260.4	298.0	326.0	328.9	340.1	313.3	283.7	251.2	234.0	321.3	340.1
	2034	322.8	296.1	224.1	261.7	299.4	327.6	330.5	341.7	314.8	285.1	252.4	235.1	322.8	341.7
	2035	324.4	297.5	225.2	262.9	300.8	329.1	332.1	343.4	316.3	286.4	253.5	236.1	324.4	343.4
	2036	325.8	298.8	226.2	264.1	302.2	330.6	333.6	344.9	317.7	287.7	254.6	237.1	325.8	344.9
	2037	327.1	300.1	227.1	265.2	303.4	332.0	334.9	346.3	319.0	288.9	255.7	238.1	327.1	346.3
	2038	328.6	301.4	228.1	266.4	304.7	333.4	336.4	347.8	320.4	290.1	256.8	239.2	328.6	347.8

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	100.0%	95.2%	100.0%	100.0%	100.0%	100.0%	97.3%	99.2%	100.0%	97.1%	83.1%	100.0%	95.2%	100.0%
	2010	100.0%	100.0%	100.0%	100.0%	99.8%	100.0%	99.1%	100.0%	100.0%	98.1%	95.6%	99.1%	100.0%	100.0%
	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%	98.7%	96.2%	96.8%	98.2%	100.0%
Projected	2019	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2020	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2021	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2022	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2023	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2024	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2025	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2026	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2027	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2028	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%
	2009-2018	99.7%	99.5%	96.1%	98.3%	98.1%	98.7%	98.4%	99.7%	98.2%	98.4%	95.0%	96.9%	97.4%	99.5%
	2019-2028	99.7%	100.0%	96.1%	98.3%	98.1%	98.7%	98.1%	99.4%	98.2%	98.7%	96.2%	96.8%	99.7%	99.4%

FMPA 2019 Load Forecast - Severe Weather Case - Ocala

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

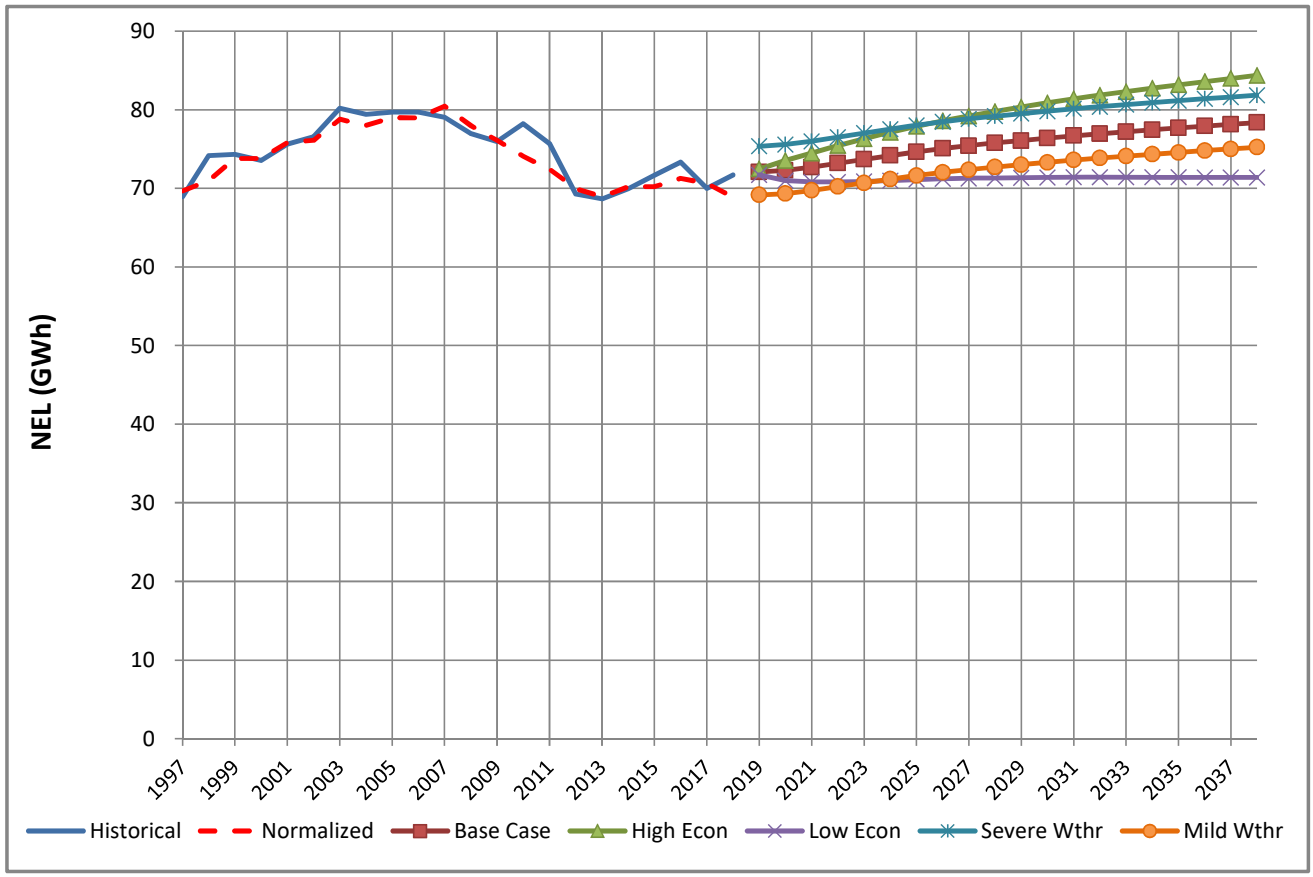
		Residential						General Service Non-Demand						Industrial						Lights		City		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
	Fiscal Year	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2009	505,880		40,119		12,609		169,056		7,188		23.5		549,768		971		566		12,525		14,641		1,251,870		48,099	3.7%	1,299,969	
	2010	535,768	5.9%	39,082	-2.6%	13,709	8.7%	170,158	0.7%	7,043	-2.0%	24.2	2.7%	546,838	-0.5%	964	-0.7%	567	0.2%	12,628	0.8%	14,923	1.9%	1,280,315	2.3%	57,585	4.3%	1,337,900	2.9%
	2011	523,603	-2.3%	39,663	1.5%	13,201	-3.7%	167,759	-1.4%	7,242	2.8%	23.2	-4.1%	554,408	1.4%	1,009	4.7%	549	-3.2%	12,460	-1.3%	13,122	-12.1%	1,271,352	-0.7%	30,922	2.4%	1,302,274	-2.7%
	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%
Projected	2019	565,645	8.7%	42,544	1.4%	13,296	7.2%	171,861	7.3%	7,615	1.1%	22.6	6.1%	572,543	2.8%	1,079	1.7%	531	1.1%	12,452	0.0%	24,376	2.2%	1,346,877	5.7%	46,709	3.4%	1,393,585	4.9%
	2020	567,833	0.4%	42,944	0.9%	13,223	-0.5%	174,692	1.6%	7,670	0.7%	22.8	0.9%	584,322	2.1%	1,099	1.9%	532	0.1%	12,452	0.0%	24,414	0.2%	1,363,714	1.3%	47,398	3.4%	1,411,112	1.3%
	2021	570,518	0.5%	43,325	0.9%	13,168	-0.4%	176,965	1.3%	7,721	0.7%	22.9	0.6%	591,846	1.3%	1,118	1.8%	529	-0.5%	12,452	0.0%	24,475	0.3%	1,376,257	0.9%	47,817	3.4%	1,424,074	0.9%
	2022	573,720	0.6%	43,695	0.9%	13,130	-0.3%	179,416	1.4%	7,775	0.7%	23.1	0.7%	598,445	1.1%	1,137	1.7%	526	-0.5%	12,452	0.0%	24,535	0.2%	1,388,568	0.9%	48,243	3.4%	1,436,811	0.9%
	2023	577,091	0.6%	44,038	0.8%	13,104	-0.2%	181,907	1.4%	7,828	0.7%	23.2	0.7%	605,130	1.1%	1,155	1.6%	524	-0.5%	12,452	0.0%	24,595	0.2%	1,401,176	0.9%	48,684	3.4%	1,449,859	0.9%
	2024	580,278	0.6%	44,363	0.7%	13,080	-0.2%	184,211	1.3%	7,878	0.6%	23.4	0.6%	611,265	1.0%	1,173	1.6%	521	-0.5%	12,452	0.0%	24,652	0.2%	1,412,858	0.8%	49,091	3.4%	1,461,949	0.8%
	2025	583,432	0.5%	44,674	0.7%	13,060	-0.2%	186,426	1.2%	7,925	0.6%	23.5	0.6%	617,130	1.0%	1,191	1.5%	518	-0.5%	12,452	0.0%	24,707	0.2%	1,424,147	0.8%	49,486	3.4%	1,473,632	0.8%
	2026	586,119	0.5%	44,971	0.7%	13,033	-0.2%	188,597	1.2%	7,970	0.6%	23.7	0.6%	622,855	0.9%	1,208	1.5%	515	-0.5%	12,452	0.0%	24,758	0.2%	1,434,781	0.7%	49,857	3.4%	1,484,638	0.7%
	2027	588,246	0.4%	45,248	0.6%	13,000	-0.3%	190,679	1.1%	8,014	0.5%	23.8	0.6%	628,316	0.9%	1,225	1.4%	513	-0.5%	12,452	0.0%	24,801	0.2%	1,444,494	0.7%	50,197	3.4%	1,494,691	0.7%
	2028	590,172	0.3%	45,518	0.6%	12,966	-0.3%	192,706	1.1%	8,055	0.5%	23.9	0.5%	633,608	0.8%	1,241	1.3%	511	-0.5%	12,452	0.0%	24,839	0.2%	1,453,777	0.6%	50,524	3.4%	1,504,300	0.6%
	2029	591,914	0.3%	45,782	0.6%	12,929	-0.3%	194,711	1.0%	8,096	0.5%	24.1	0.5%	638,822	0.8%	1,257	1.3%	508	-0.4%	12,452	0.0%	24,872	0.1%	1,462,770	0.6%	50,841	3.4%	1,513,611	0.6%
	2030	593,638	0.3%	46,037	0.6%	12,895	-0.3%	196,716	1.0%	8,136	0.5%	24.2	0.5%	644,023	0.8%	1,272	1.2%	506	-0.4%	12,452	0.0%	24,900	0.1%	1,471,729	0.6%	51,159	3.4%	1,522,888	0.6%
	2031	595,611	0.3%	46,282	0.5%	12,869	-0.2%	198,698	1.0%	8,175	0.5%	24.3	0.5%	649,146	0.8%	1,286	1.2%	505	-0.4%	12,452	0.0%	24,919	0.1%	1,480,826	0.6%	51,480	3.4%	1,532,306	0.6%
	2032	597,460	0.3%	46,519	0.5%	12,843	-0.2%	200,683	1.0%	8,214	0.5%	24.4	0.5%	654,265	0.8%	1,300	1.1%	503	-0.3%	12,452	0.0%	24,928	0.0%	1,489,789	0.6%	51,796	3.4%	1,541,585	0.6%
	2033	598,911	0.2%	46,750	0.5%	12,811	-0.3%	202,614	1.0%	8,252	0.5%	24.6	0.5%	659,222	0.8%	1,313	1.0%	502	-0.2%	12,452	0.0%	24,931	0.0%	1,498,131	0.6%	52,088	3.4%	1,550,219	0.6%
	2034	599,846	0.2%	46,977	0.5%	12,769	-0.3%	204,438	0.9%	8,287	0.4%	24.7	0.5%	663,870	0.7%	1,326	1.0%	501	-0.3%	12,452	0.0%	24,932	0.0%	1,505,537	0.5%	52,349	3.4%	1,557,887	0.5%
	2035	600,743	0.1%	47,200	0.5%	12,728	-0.3%	206,196	0.9%	8,320	0.4%	24.8	0.5%	668,325	0.7%	1,338	1.0%	499	-0.3%	12,452	0.0%	24,933	0.0%	1,512,650	0.5%	52,602	3.4%	1,565,251	0.5%
	2036	601,538	0.1%	47,415	0.5%	12,687	-0.3%	207,905	0.8%	8,353	0.4%	24.9	0.4%	672,634	0.6%	1,351	1.0%	498	-0.3%	12,452	0.0%	24,934	0.0%	1,519,463	0.5%	52,843	3.4%	1,572,306	0.5%
	2037	602,216	0.1%	47,621	0.4%	12,646	-0.3%	209,527	0.8%	8,383	0.4%	25.0	0.4%	676,696	0.6%	1,364	0.9%	496	-0.3%	12,452	0.0%	24,925	0.0%	1,525,816	0.4%	53,069	3.4%	1,578,885	0.4%
	2038	603,204	0.2%	47,834	0.4%	12,610	-0.3%	211,104	0.8%	8,412	0.4%	25.1	0.4%	680,623	0.6%	1,375	0.8%	495	-0.3%	12,452	0.0%	24,908	-0.1%	1,532,292	0.4%	53,300	3.4%	1,585,592	0.4%
CAGR	2009-2018		0.3%		0.5%		-0.2%		-0.6%		0.5%		-1.1%		0.1%		1.0%		-0.8%		-0.1%		5.6%		0.2%		3.5%		0.2%
	2019-2028		0.5%		0.8%		-0.3%		1.3%		0.6%		0.7%		1.1%		1.6%		-0.4%		0.0%		0.2%		0.9%		3.4%		0.9%
	2029-2038		0.2%		0.5%		-0.3%		0.9%		0.4%		0.5%		0.7%		1.0%		-0.3%		0.0%		0.0%		0.5%		3.4%		0.5%

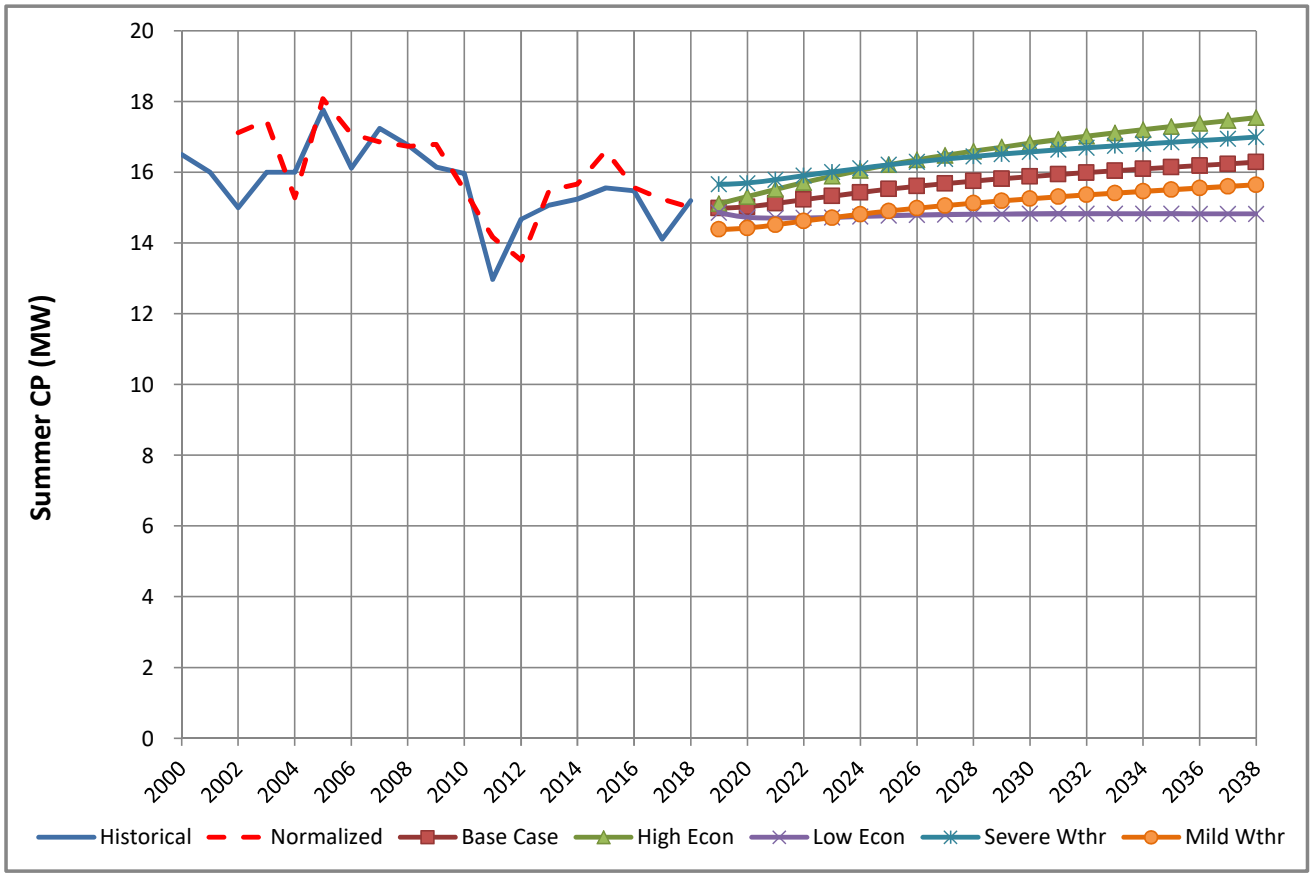
CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast

Starke

Historical and Projected NEL and Annual Coincident Peak Demand





FMPA 2019 Load Forecast - Low Economic Case

Starke

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

	Year	Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP [1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		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	2009	75,961	-	76,124	-	0.2%	16.4	-	16.1	-	-1.9%	16.1	-	16.8		4.0%
	2010	78,225	3.0%	74,068	-2.7%	-5.3%	18.3	11.6%	16.4	1.8%	-10.5%	16.0	-1.1%	15.5	-7.7%	-2.9%
	2011	75,725	-3.2%	72,433	-2.2%	-4.3%	16.1	-12.1%	16.7	1.8%	3.6%	13.0	-18.7%	11.9	-22.9%	-7.9%
	2012	69,269	-8.5%	69,970	-3.4%	1.0%	15.1	-5.9%	14.5	-13.1%	-4.3%	14.7	13.1%	13.5	13.2%	-7.9%
	2013	68,678	-0.9%	68,959	-1.4%	0.4%	12.7	-16.2%	13.6	-6.3%	6.9%	15.1	2.7%	15.5	14.6%	2.8%
	2014	69,954	1.9%	70,208	1.8%	0.4%	13.7	7.9%	15.0	10.2%	9.2%	15.2	1.1%	15.7	1.1%	2.8%
	2015	71,692	2.5%	70,207	0.0%	-2.1%	15.2	10.7%	15.9	6.6%	5.2%	15.6	2.0%	16.6	6.0%	6.8%
	2016	73,334	2.3%	71,290	1.5%	-2.8%	12.5	-17.9%	15.2	-4.7%	22.0%	15.5	-0.5%	15.6	-6.3%	0.6%
	2017	70,003	-4.5%	70,659	-0.9%	0.9%	11.4	-8.4%	14.2	-6.6%	24.4%	14.1	-8.9%	15.2	-2.1%	8.1%
	2018	71,738	2.5%	68,912	-2.5%	-3.9%	16.4	44.1%	16.4	15.8%	0.0%	15.2	7.7%	15.0	-1.5%	-1.2%
Projected	2019	71,722	0.0%	71,722	4.1%		15.0	-8.5%	15.0	-8.5%		14.9	-2.2%	14.9	-1.0%	
	2020			70,991	-1.0%				14.9	-0.9%				14.7	-0.9%	
	2021			70,822	-0.2%				14.9	-0.1%				14.7	-0.1%	
	2022			70,824	0.0%				14.9	0.0%				14.7	0.0%	
	2023			70,875	0.1%				14.9	0.1%				14.7	0.1%	
	2024			70,992	0.2%				14.9	0.2%				14.7	0.2%	
	2025			71,123	0.2%				15.0	0.2%				14.8	0.2%	
	2026			71,219	0.1%				15.0	0.1%				14.8	0.1%	
	2027			71,271	0.1%				15.0	0.1%				14.8	0.1%	
	2028			71,316	0.1%				15.0	0.1%				14.8	0.1%	
	2029			71,351	0.0%				15.0	0.0%				14.8	0.0%	
	2030			71,390	0.1%				15.0	0.1%				14.8	0.1%	
	2031			71,419	0.0%				15.0	0.0%				14.8	0.0%	
	2032			71,409	0.0%				15.0	0.0%				14.8	0.0%	
	2033			71,416	0.0%				15.0	0.0%				14.8	0.0%	
	2034			71,407	0.0%				15.0	0.0%				14.8	0.0%	
	2035			71,403	0.0%				15.0	0.0%				14.8	0.0%	
	2036			71,399	0.0%				15.0	0.0%				14.8	0.0%	
	2037			71,382	0.0%				15.0	0.0%				14.8	0.0%	
	2038			71,393	0.0%				15.0	0.0%				14.8	0.0%	
CAGR [3]	2009-2018		-0.6%		-1.1%			0.0%		0.2%			-0.7%		-1.2%	
	2019-2028				-0.1%					0.0%					0.0%	
	2029-2038				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 2019 Load Forecast - Low Economic Case

Starke

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	75,961	-	76,124	-	0.2%	16.8	-	51.6%	16.3	-	53.2%
	2010	78,225	3.0%	74,068	-2.7%	-5.3%	18.6	10.5%	48.1%	16.4	0.4%	54.5%
	2011	75,725	-3.2%	72,433	-2.2%	-4.3%	16.8	-9.3%	51.3%	16.0	-2.1%	53.9%
	2012	69,269	-8.5%	69,970	-3.4%	1.0%	15.1	-10.1%	52.2%	14.9	-6.9%	53.0%
	2013	68,678	-0.9%	68,959	-1.4%	0.4%	13.5	-10.8%	58.0%	15.2	2.0%	51.5%
	2014	69,954	1.9%	70,208	1.8%	0.4%	15.0	11.0%	53.3%	15.3	0.5%	52.2%
	2015	71,692	2.5%	70,207	0.0%	-2.1%	15.2	1.1%	54.0%	15.7	2.6%	52.2%
	2016	73,334	2.3%	71,290	1.5%	-2.8%	14.5	-4.4%	57.7%	15.6	-0.4%	53.6%
	2017	70,003	-4.5%	70,659	-0.9%	0.9%	14.4	-0.9%	55.6%	15.3	-2.3%	52.3%
	2018	71,738	2.5%	68,912	-2.5%	-3.9%	16.5	14.9%	49.6%	15.2	-0.5%	53.9%
Projected	2019	71,722	0.0%	71,722	4.1%		15.4	-6.8%	53.2%	15.4	1.5%	53.1%
	2020	70,991	-1.0%	70,991	-1.0%		15.3	-0.9%	53.1%	15.3	-0.9%	53.0%
	2021	70,822	-0.2%	70,822	-0.2%		15.2	-0.1%	53.1%	15.3	-0.1%	52.9%
	2022	70,824	0.0%	70,824	0.0%		15.2	0.0%	53.1%	15.3	0.0%	52.9%
	2023	70,875	0.1%	70,875	0.1%		15.2	0.1%	53.1%	15.3	0.1%	52.9%
	2024	70,992	0.2%	70,992	0.2%		15.3	0.2%	53.1%	15.3	0.2%	52.9%
	2025	71,123	0.2%	71,123	0.2%		15.3	0.2%	53.1%	15.3	0.2%	52.9%
	2026	71,219	0.1%	71,219	0.1%		15.3	0.1%	53.1%	15.4	0.1%	52.9%
	2027	71,271	0.1%	71,271	0.1%		15.3	0.1%	53.1%	15.4	0.1%	52.9%
	2028	71,316	0.1%	71,316	0.1%		15.3	0.1%	53.1%	15.4	0.1%	52.9%
	2029	71,351	0.0%	71,351	0.0%		15.3	0.0%	53.1%	15.4	0.0%	52.9%
	2030	71,390	0.1%	71,390	0.1%		15.4	0.1%	53.1%	15.4	0.1%	52.9%
	2031	71,419	0.0%	71,419	0.0%		15.4	0.0%	53.1%	15.4	0.0%	52.9%
	2032	71,409	0.0%	71,409	0.0%		15.4	0.0%	53.1%	15.4	0.0%	52.9%
	2033	71,416	0.0%	71,416	0.0%		15.4	0.0%	53.1%	15.4	0.0%	52.9%
	2034	71,407	0.0%	71,407	0.0%		15.4	0.0%	53.1%	15.4	0.0%	52.9%
	2035	71,403	0.0%	71,403	0.0%		15.4	0.0%	53.1%	15.4	0.0%	52.9%
	2036	71,399	0.0%	71,399	0.0%		15.4	0.0%	53.1%	15.4	0.0%	53.0%
	2037	71,382	0.0%	71,382	0.0%		15.4	0.0%	53.1%	15.4	0.0%	52.9%
	2038	71,393	0.0%	71,393	0.0%		15.4	0.0%	53.1%	15.4	0.0%	52.9%
CAGR [1]	2009-2018		-0.6%		-1.1%			-0.2%	53.1%		-0.8%	53.0%
	2019-2028		-0.1%		-0.1%			0.0%	53.1%		0.0%	53.0%
	2029-2038		0.0%		0.0%			0.0%	53.1%		0.0%	52.9%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Low Economic Case

Starke

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	6,290	5,545	5,473	5,288	6,450	7,548	7,556	7,546	7,021	6,425	5,072	5,829	76,043	75,961
	2010	7,048	6,013	5,541	5,122	6,812	7,557	7,843	7,935	7,027	5,584	5,036	7,065	78,583	78,225
	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	5,826	5,057	5,643	71,928	71,738
Projected	2019	5,730	4,963	5,167	5,198	6,114	6,813	7,235	7,329	6,647	5,811	4,966	5,590	71,564	71,722
	2020	5,654	4,905	5,106	5,141	6,049	6,743	7,164	7,265	6,596	5,775	4,942	5,567	70,907	70,991
	2021	5,633	4,890	5,094	5,132	6,041	6,736	7,158	7,261	6,594	5,774	4,942	5,567	70,821	70,822
	2022	5,633	4,890	5,094	5,132	6,041	6,736	7,159	7,262	6,596	5,775	4,944	5,570	70,830	70,824
	2023	5,636	4,892	5,097	5,135	6,046	6,742	7,165	7,269	6,603	5,782	4,950	5,578	70,896	70,875
	2024	5,644	4,900	5,106	5,144	6,056	6,754	7,179	7,283	6,615	5,793	4,959	5,588	71,022	70,992
	2025	5,655	4,909	5,115	5,154	6,067	6,766	7,192	7,296	6,627	5,804	4,968	5,598	71,152	71,123
	2026	5,664	4,917	5,123	5,161	6,075	6,774	7,199	7,303	6,633	5,809	4,973	5,602	71,232	71,219
	2027	5,667	4,920	5,126	5,165	6,080	6,779	7,204	7,308	6,638	5,813	4,976	5,606	71,283	71,271
	2028	5,670	4,923	5,130	5,169	6,085	6,783	7,208	7,312	6,642	5,817	4,980	5,609	71,326	71,316
Projected	2029	5,673	4,925	5,133	5,172	6,088	6,786	7,211	7,314	6,645	5,820	4,982	5,611	71,358	71,351
	2030	5,674	4,927	5,136	5,175	6,092	6,790	7,215	7,319	6,649	5,824	4,987	5,615	71,402	71,390
	2031	5,677	4,929	5,139	5,178	6,095	6,792	7,216	7,319	6,649	5,824	4,986	5,613	71,417	71,419
	2032	5,675	4,928	5,138	5,178	6,094	6,791	7,215	7,319	6,649	5,824	4,987	5,614	71,412	71,409
	2033	5,676	4,928	5,139	5,179	6,095	6,792	7,215	7,319	6,649	5,825	4,987	5,614	71,416	71,416
	2034	5,675	4,927	5,138	5,178	6,095	6,790	7,214	7,317	6,648	5,824	4,986	5,612	71,404	71,407
	2035	5,673	4,926	5,138	5,178	6,095	6,791	7,214	7,317	6,649	5,825	4,988	5,613	71,407	71,403
	2036	5,673	4,926	5,138	5,179	6,095	6,789	7,211	7,315	6,646	5,823	4,986	5,610	71,391	71,399
	2037	5,670	4,924	5,137	5,178	6,094	6,788	7,211	7,315	6,647	5,824	4,988	5,612	71,387	71,382
	2038	5,671	4,925	5,138	5,179	6,095	6,789	7,211	7,315	6,647	5,824	4,987	5,611	71,392	71,393

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.3%	7.3%	7.2%	7.0%	8.5%	9.9%	9.9%	9.9%	9.2%	8.4%	6.7%	7.7%	100.0%
	2010	9.0%	7.7%	7.1%	6.5%	8.7%	9.6%	10.0%	10.1%	8.9%	7.1%	6.4%	9.0%	100.0%
	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%	8.1%	7.0%	7.8%	100.0%
Projected	2019	8.0%	6.9%	7.2%	7.3%	8.5%	9.5%	10.1%	10.2%	9.3%	8.1%	6.9%	7.8%	100.0%
	2020	8.0%	6.9%	7.2%	7.3%	8.5%	9.5%	10.1%	10.2%	9.3%	8.1%	7.0%	7.9%	100.0%
	2021	8.0%	6.9%	7.2%	7.2%	8.5%	9.5%	10.1%	10.3%	9.3%	8.2%	7.0%	7.9%	100.0%
	2022	8.0%	6.9%	7.2%	7.2%	8.5%	9.5%	10.1%	10.3%	9.3%	8.2%	7.0%	7.9%	100.0%
	2023	7.9%	6.9%	7.2%	7.2%	8.5%	9.5%	10.1%	10.3%	9.3%	8.2%	7.0%	7.9%	100.0%
	2024	7.9%	6.9%	7.2%	7.2%	8.5%	9.5%	10.1%	10.3%	9.3%	8.2%	7.0%	7.9%	100.0%
	2025	7.9%	6.9%	7.2%	7.2%	8.5%	9.5%	10.1%	10.3%	9.3%	8.2%	7.0%	7.9%	100.0%
	2026	8.0%	6.9%	7.2%	7.2%	8.5%	9.5%	10.1%	10.3%	9.3%	8.2%	7.0%	7.9%	100.0%
	2027	8.0%	6.9%	7.2%	7.2%	8.5%	9.5%	10.1%	10.3%	9.3%	8.2%	7.0%	7.9%	100.0%
	2028	7.9%	6.9%	7.2%	7.2%	8.5%	9.5%	10.1%	10.3%	9.3%	8.2%	7.0%	7.9%	100.0%
Avg.	2009-2018	8.4%	7.0%	7.2%	7.2%	8.6%	9.5%	10.1%	10.2%	9.2%	7.9%	6.9%	7.7%	100.0%
	2019-2028	8.0%	6.9%	7.2%	7.2%	8.5%	9.5%	10.1%	10.3%	9.3%	8.2%	7.0%	7.9%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Low Economic Case

Starke

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	16.7	16.8	13.3	11.4	14.4	16.3	15.2	15.9	14.6	14.8	10.1	12.7	16.8	16.3
	2010	18.6	14.3	12.9	10.6	14.2	16.4	16.4	16.0	15.3	13.2	10.8	16.3	18.6	16.4
	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	12.4	10.3	12.5	16.5	15.2
Projected	2019	15.4	13.6	11.2	12.1	13.5	14.7	15.0	15.4	14.2	12.6	10.2	12.4	15.4	15.4
	2020	15.3	13.5	11.1	12.0	13.4	14.5	14.9	15.3	14.1	12.5	10.2	12.4	15.3	15.3
	2021	15.2	13.5	11.1	12.0	13.4	14.5	14.8	15.3	14.1	12.5	10.2	12.4	15.2	15.3
	2022	15.2	13.5	11.1	12.0	13.4	14.5	14.8	15.3	14.1	12.5	10.2	12.4	15.2	15.3
	2023	15.2	13.5	11.1	12.0	13.4	14.5	14.9	15.3	14.1	12.5	10.2	12.4	15.2	15.3
	2024	15.3	13.5	11.1	12.0	13.4	14.6	14.9	15.3	14.1	12.5	10.3	12.4	15.3	15.3
	2025	15.3	13.6	11.1	12.0	13.4	14.6	14.9	15.3	14.1	12.5	10.3	12.4	15.3	15.3
	2026	15.3	13.6	11.2	12.0	13.5	14.6	14.9	15.4	14.2	12.6	10.3	12.4	15.3	15.4
	2027	15.3	13.6	11.2	12.0	13.5	14.6	14.9	15.4	14.2	12.6	10.3	12.5	15.3	15.4
	2028	15.3	13.6	11.2	12.0	13.5	14.6	15.0	15.4	14.2	12.6	10.3	12.5	15.3	15.4
Projected	2029	15.3	13.6	11.2	12.1	13.5	14.6	15.0	15.4	14.2	12.6	10.3	12.5	15.3	15.4
	2030	15.4	13.6	11.2	12.1	13.5	14.6	15.0	15.4	14.2	12.6	10.3	12.5	15.4	15.4
	2031	15.4	13.6	11.2	12.1	13.5	14.7	15.0	15.4	14.2	12.6	10.3	12.5	15.4	15.4
	2032	15.4	13.6	11.2	12.1	13.5	14.7	15.0	15.4	14.2	12.6	10.3	12.5	15.4	15.4
	2033	15.4	13.6	11.2	12.1	13.5	14.7	15.0	15.4	14.2	12.6	10.3	12.5	15.4	15.4
	2034	15.4	13.6	11.2	12.1	13.5	14.6	15.0	15.4	14.2	12.6	10.3	12.5	15.4	15.4
	2035	15.4	13.6	11.2	12.1	13.5	14.6	15.0	15.4	14.2	12.6	10.3	12.5	15.4	15.4
	2036	15.4	13.6	11.2	12.1	13.5	14.6	15.0	15.4	14.2	12.6	10.3	12.5	15.4	15.4
	2037	15.4	13.6	11.2	12.1	13.5	14.6	15.0	15.4	14.2	12.6	10.3	12.5	15.4	15.4
	2038	15.4	13.6	11.2	12.1	13.5	14.6	15.0	15.4	14.2	12.6	10.3	12.5	15.4	15.4

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	50.5%	49.1%	55.4%	62.3%	66.8%	62.2%	69.1%	64.0%	67.0%	58.5%	67.3%	63.6%	51.7%	53.2%
	2010	51.0%	62.5%	57.7%	64.8%	71.2%	62.1%	66.5%	66.8%	63.7%	56.9%	62.8%	60.2%	48.3%	54.8%
	2011	50.9%	57.3%	71.7%	57.5%	67.1%	61.6%	66.7%	66.8%	66.3%	60.8%	65.2%	67.0%	49.8%	52.3%
	2012	49.2%	46.4%	66.5%	59.3%	68.0%	61.0%	67.2%	65.1%	63.8%	58.5%	59.1%	62.6%	52.5%	53.3%
	2013	60.8%	52.5%	56.0%	61.0%	67.2%	60.3%	65.1%	63.2%	60.9%	61.9%	60.0%	63.2%	57.9%	51.4%
	2014	57.1%	57.6%	66.1%	54.9%	67.0%	60.9%	67.4%	63.0%	61.2%	59.2%	48.2%	62.0%	53.5%	52.4%
	2015	55.2%	52.1%	69.1%	61.1%	67.1%	59.6%	66.1%	63.9%	63.5%	60.8%	56.5%	75.0%	54.2%	52.4%
	2016	55.5%	54.6%	61.5%	55.8%	66.0%	63.4%	69.4%	65.4%	68.4%	61.7%	63.6%	66.1%	57.2%	53.1%
	2017	49.9%	64.9%	53.4%	54.4%	66.8%	61.0%	68.7%	65.3%	61.8%	60.2%	64.3%	59.7%	56.2%	52.8%
	2018	55.1%	67.2%	58.7%	62.8%	70.1%	63.4%	66.1%	64.7%	65.0%	63.0%	65.9%	62.7%	49.7%	54.0%
Projected	2019	50.0%	54.1%	61.9%	57.8%	67.3%	62.4%	67.0%	63.8%	64.9%	61.9%	65.3%	62.7%	53.1%	52.9%
	2020	49.8%	52.1%	61.8%	57.7%	67.2%	62.3%	66.9%	63.9%	65.0%	62.1%	65.1%	62.5%	53.1%	52.9%
	2021	49.7%	53.9%	61.7%	57.7%	67.1%	62.3%	67.0%	63.9%	65.1%	62.2%	65.1%	62.5%	53.1%	52.9%
	2022	49.7%	53.9%	61.7%	57.6%	67.1%	62.3%	67.0%	63.9%	65.1%	62.2%	65.1%	62.5%	53.1%	52.9%
	2023	49.7%	53.9%	61.7%	57.6%	67.1%	62.3%	67.0%	63.9%	65.1%	62.2%	65.0%	62.5%	53.1%	52.9%
	2024	49.7%	52.0%	61.7%	57.6%	67.1%	62.3%	67.0%	63.9%	65.1%	62.2%	65.0%	62.5%	53.1%	52.9%
	2025	49.7%	53.9%	61.7%	57.6%	67.1%	62.3%	67.0%	63.9%	65.1%	62.2%	65.1%	62.5%	53.1%	52.9%
	2026	49.7%	53.9%	61.7%	57.6%	67.1%	62.3%	67.0%	63.9%	65.1%	62.2%	65.1%	62.5%	53.1%	52.9%
	2027	49.7%	53.9%	61.7%	57.7%	67.1%	62.3%	67.0%	63.9%	65.1%	62.2%	65.1%	62.5%	53.1%	52.9%
	2028	49.7%	52.0%	61.7%	57.7%	67.2%	62.3%	67.0%	63.9%	65.1%	62.2%	65.1%	62.5%	53.1%	52.9%
Avg.	2009-2018	53.5%	56.4%	61.6%	59.4%	67.7%	61.6%	67.2%	64.8%	64.2%	60.1%	61.3%	64.2%	53.1%	53.0%
	2019-2028	49.7%	53.4%	61.7%	57.7%	67.2%	62.3%	67.0%	63.9%	65.1%	62.1%	65.1%	62.5%	53.1%	52.9%

FMPA 2019 Load Forecast - Low Economic Case

Starke

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	16.6	16.4	12.5	11.4	14.3	16.1	14.8	15.9	14.2	14.5	7.9	12.7	16.4	16.1
	2010	18.3	14.2	12.9	10.6	13.9	16.0	15.7	15.9	15.3	13.1	9.4	16.1	18.3	16.0
	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	12.1	9.7	11.7	16.4	15.2
Projected	2019	15.0	13.4	10.5	11.8	13.3	14.2	14.5	14.9	13.5	12.2	9.6	11.6	15.0	14.9
	2020	14.9	13.3	10.4	11.7	13.2	14.1	14.4	14.7	13.4	12.1	9.6	11.6	14.9	14.7
	2021	14.9	13.3	10.4	11.7	13.2	14.1	14.3	14.7	13.4	12.1	9.6	11.6	14.9	14.7
	2022	14.9	13.3	10.4	11.7	13.2	14.1	14.4	14.7	13.4	12.1	9.6	11.6	14.9	14.7
	2023	14.9	13.3	10.4	11.7	13.2	14.1	14.4	14.7	13.4	12.1	9.6	11.6	14.9	14.7
	2024	14.9	13.3	10.4	11.7	13.2	14.1	14.4	14.7	13.4	12.1	9.6	11.6	14.9	14.7
	2025	15.0	13.4	10.4	11.8	13.2	14.1	14.4	14.8	13.4	12.2	9.6	11.7	15.0	14.8
	2026	15.0	13.4	10.4	11.8	13.2	14.1	14.4	14.8	13.4	12.2	9.6	11.7	15.0	14.8
	2027	15.0	13.4	10.4	11.8	13.3	14.1	14.4	14.8	13.5	12.2	9.6	11.7	15.0	14.8
	2028	15.0	13.4	10.5	11.8	13.3	14.2	14.5	14.8	13.5	12.2	9.6	11.7	15.0	14.8
Projected	2029	15.0	13.4	10.5	11.8	13.3	14.2	14.5	14.8	13.5	12.2	9.6	11.7	15.0	14.8
	2030	15.0	13.4	10.5	11.8	13.3	14.2	14.5	14.8	13.5	12.2	9.6	11.7	15.0	14.8
	2031	15.0	13.4	10.5	11.8	13.3	14.2	14.5	14.8	13.5	12.2	9.6	11.7	15.0	14.8
	2032	15.0	13.4	10.5	11.8	13.3	14.2	14.5	14.8	13.5	12.2	9.6	11.7	15.0	14.8
	2033	15.0	13.4	10.5	11.8	13.3	14.2	14.5	14.8	13.5	12.2	9.6	11.7	15.0	14.8
	2034	15.0	13.4	10.5	11.8	13.3	14.2	14.5	14.8	13.5	12.2	9.6	11.7	15.0	14.8
	2035	15.0	13.4	10.5	11.8	13.3	14.2	14.5	14.8	13.5	12.2	9.6	11.7	15.0	14.8
	2036	15.0	13.4	10.5	11.8	13.3	14.2	14.5	14.8	13.5	12.2	9.6	11.7	15.0	14.8
	2037	15.0	13.4	10.5	11.8	13.3	14.2	14.5	14.8	13.5	12.2	9.6	11.7	15.0	14.8
	2038	15.0	13.4	10.5	11.8	13.3	14.2	14.5	14.8	13.5	12.2	9.6	11.7	15.0	14.8

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	99.3%	97.6%	94.0%	100.0%	99.3%	99.0%	97.6%	100.0%	97.3%	98.3%	78.0%	100.0%	97.6%	99.0%
	2010	98.5%	98.8%	100.0%	100.0%	97.5%	97.5%	95.8%	99.3%	100.0%	99.0%	86.9%	98.7%	98.5%	97.5%
	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%	97.0%	93.7%	93.7%	99.6%	100.0%
Projected	2019	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2020	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2021	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2022	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2023	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2024	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2025	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2026	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2027	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2028	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2009-2018	97.7%	98.3%	93.6%	97.8%	98.4%	96.8%	96.7%	95.8%	95.0%	96.6%	92.1%	93.3%	94.2%	96.5%
	2019-2028	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%

FMPA 2019 Load Forecast - Low Economic Case - Starke

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	24,125		2,024		11,918		41,452		741		55.9		65,577		10,384	13.7%	75,961	
	2010	25,702	6.5%	1,968	-2.8%	13,057	9.6%	46,163	11.4%	746	0.7%	61.9	10.6%	71,865	9.6%	6,360	8.1%	78,225	3.0%
	2011	25,428	-1.1%	1,969	0.0%	12,915	-1.1%	45,518	-1.4%	735	-1.5%	62.0	0.1%	70,946	-1.3%	4,779	6.3%	75,725	-3.2%
	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%
Projected	2019	23,772	0.0%	2,042	0.8%	11,644	-0.9%	44,158	0.5%	755	-1.4%	58.5	1.9%	67,930	0.3%	3,792	5.3%	71,722	0.0%
	2020	23,388	-1.6%	2,041	0.0%	11,456	-1.6%	43,636	-1.2%	745	-1.3%	58.6	0.2%	67,024	-1.3%	3,967	5.6%	70,991	-1.0%
	2021	23,263	-0.5%	2,041	0.0%	11,395	-0.5%	43,600	-0.1%	743	-0.2%	58.7	0.1%	66,863	-0.2%	3,959	5.6%	70,822	-0.2%
	2022	23,262	0.0%	2,041	0.0%	11,394	0.0%	43,603	0.0%	743	0.0%	58.7	0.1%	66,865	0.0%	3,959	5.6%	70,824	0.0%
	2023	23,275	0.1%	2,041	0.0%	11,401	0.1%	43,638	0.1%	744	0.1%	58.7	0.0%	66,913	0.1%	3,962	5.6%	70,875	0.1%
	2024	23,324	0.2%	2,041	0.0%	11,425	0.2%	43,698	0.1%	745	0.2%	58.7	0.0%	67,023	0.2%	3,969	5.6%	70,992	0.2%
	2025	23,361	0.2%	2,041	0.0%	11,443	0.2%	43,785	0.2%	747	0.3%	58.6	-0.1%	67,146	0.2%	3,976	5.6%	71,123	0.2%
	2026	23,357	0.0%	2,041	0.0%	11,441	0.0%	43,880	0.2%	749	0.3%	58.6	-0.1%	67,237	0.1%	3,982	5.6%	71,219	0.1%
	2027	23,327	-0.1%	2,041	0.0%	11,427	-0.1%	43,959	0.2%	751	0.2%	58.5	-0.1%	67,286	0.1%	3,985	5.6%	71,271	0.1%
	2028	23,292	-0.2%	2,041	0.0%	11,409	-0.2%	44,037	0.2%	753	0.2%	58.5	-0.1%	67,329	0.1%	3,987	5.6%	71,316	0.1%
	2029	23,247	-0.2%	2,041	0.0%	11,387	-0.2%	44,115	0.2%	755	0.2%	58.4	-0.1%	67,362	0.0%	3,989	5.6%	71,351	0.0%
	2030	23,206	-0.2%	2,041	0.0%	11,367	-0.2%	44,192	0.2%	757	0.2%	58.4	-0.1%	67,398	0.1%	3,991	5.6%	71,390	0.1%
	2031	23,174	-0.1%	2,041	0.0%	11,352	-0.1%	44,252	0.1%	758	0.2%	58.4	-0.1%	67,426	0.0%	3,993	5.6%	71,419	0.0%
	2032	23,129	-0.2%	2,041	0.0%	11,329	-0.2%	44,287	0.1%	759	0.1%	58.4	0.0%	67,416	0.0%	3,992	5.6%	71,409	0.0%
	2033	23,094	-0.2%	2,041	0.0%	11,312	-0.2%	44,330	0.1%	760	0.1%	58.3	0.0%	67,423	0.0%	3,993	5.6%	71,416	0.0%
	2034	23,059	-0.1%	2,041	0.0%	11,295	-0.1%	44,356	0.1%	761	0.1%	58.3	0.0%	67,415	0.0%	3,992	5.6%	71,407	0.0%
	2035	23,012	-0.2%	2,041	0.0%	11,272	-0.2%	44,399	0.1%	762	0.1%	58.3	0.0%	67,411	0.0%	3,992	5.6%	71,403	0.0%
	2036	22,949	-0.3%	2,041	0.0%	11,241	-0.3%	44,457	0.1%	763	0.2%	58.3	-0.1%	67,407	0.0%	3,992	5.6%	71,399	0.0%
	2037	22,899	-0.2%	2,041	0.0%	11,217	-0.2%	44,493	0.1%	764	0.1%	58.3	0.0%	67,391	0.0%	3,991	5.6%	71,382	0.0%
	2038	22,876	-0.1%	2,041	0.0%	11,205	-0.1%	44,526	0.1%	765	0.1%	58.2	0.0%	67,401	0.0%	3,992	5.6%	71,393	0.0%
CAGR	2009-2018		-0.2%		0.0%		-0.2%		0.6%		0.4%		0.3%		0.4%		6.8%		-0.6%
	2019-2028		-0.2%		0.0%		-0.2%		0.0%		0.0%		0.0%		-0.1%		5.6%		-0.1%
	2029-2038		-0.2%		0.0%		-0.2%		0.1%		0.1%		0.0%		0.0%		5.6%		0.0%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - High Economic Case

Starke

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	75,961	-	76,124	-	0.2%	16.4	-	16.1	-	-1.9%	16.1	-	16.8		4.0%
	2010	78,225	3.0%	74,068	-2.7%	-5.3%	18.3	11.6%	16.4	1.8%	-10.5%	16.0	-1.1%	15.5	-7.7%	-2.9%
	2011	75,725	-3.2%	72,433	-2.2%	-4.3%	16.1	-12.1%	16.7	1.8%	3.6%	13.0	-18.7%	11.9	-22.9%	-7.9%
	2012	69,269	-8.5%	69,970	-3.4%	1.0%	15.1	-5.9%	14.5	-13.1%	-4.3%	14.7	13.1%	13.5	13.2%	-7.9%
	2013	68,678	-0.9%	68,959	-1.4%	0.4%	12.7	-16.2%	13.6	-6.3%	6.9%	15.1	2.7%	15.5	14.6%	2.8%
	2014	69,954	1.9%	70,208	1.8%	0.4%	13.7	7.9%	15.0	10.2%	9.2%	15.2	1.1%	15.7	1.1%	2.8%
	2015	71,692	2.5%	70,207	0.0%	-2.1%	15.2	10.7%	15.9	6.6%	5.2%	15.6	2.0%	16.6	6.0%	6.8%
	2016	73,334	2.3%	71,290	1.5%	-2.8%	12.5	-17.9%	15.2	-4.7%	22.0%	15.5	-0.5%	15.6	-6.3%	0.6%
	2017	70,003	-4.5%	70,659	-0.9%	0.9%	11.4	-8.4%	14.2	-6.6%	24.4%	14.1	-8.9%	15.2	-2.1%	8.1%
	2018	71,738	2.5%	68,912	-2.5%	-3.9%	16.4	44.1%	16.4	15.8%	0.0%	15.2	7.7%	15.0	-1.5%	-1.2%
Projected	2019	72,463	1.0%	72,463	5.2%		15.3	-7.0%	15.3	-7.0%		15.1	-0.6%	15.1	0.7%	
	2020			73,534	1.5%				15.5	1.3%				15.3	1.3%	
	2021			74,476	1.3%				15.7	1.3%				15.5	1.3%	
	2022			75,438	1.3%				15.9	1.3%				15.7	1.3%	
	2023			76,300	1.1%				16.1	1.1%				15.9	1.1%	
	2024			77,119	1.1%				16.2	1.1%				16.1	1.1%	
	2025			77,887	1.0%				16.4	1.0%				16.2	1.0%	
	2026			78,588	0.9%				16.5	0.9%				16.4	0.9%	
	2027			79,206	0.8%				16.7	0.8%				16.5	0.8%	
	2028			79,787	0.7%				16.8	0.7%				16.6	0.7%	
	2029			80,343	0.7%				16.9	0.7%				16.7	0.7%	
	2030			80,885	0.7%				17.0	0.7%				16.8	0.7%	
	2031			81,398	0.6%				17.1	0.6%				16.9	0.6%	
	2032			81,851	0.6%				17.2	0.5%				17.0	0.5%	
	2033			82,294	0.5%				17.3	0.5%				17.1	0.5%	
	2034			82,737	0.5%				17.4	0.5%				17.2	0.5%	
	2035			83,172	0.5%				17.5	0.5%				17.3	0.5%	
	2036			83,583	0.5%				17.6	0.5%				17.4	0.5%	
	2037			83,988	0.5%				17.7	0.5%				17.5	0.5%	
	2038			84,386	0.5%				17.8	0.5%				17.5	0.5%	
CAGR [3]	2009-2018		-0.6%		-1.1%			0.0%		0.2%			-0.7%		-1.2%	
	2019-2028				1.1%					1.0%					1.0%	
	2029-2038				0.5%					0.5%					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 2019 Load Forecast - High Economic Case

Starke

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	75,961	-	76,124	-	0.2%	16.8	-	51.6%	16.3	-	53.2%
	2010	78,225	3.0%	74,068	-2.7%	-5.3%	18.6	10.5%	48.1%	16.4	0.4%	54.5%
	2011	75,725	-3.2%	72,433	-2.2%	-4.3%	16.8	-9.3%	51.3%	16.0	-2.1%	53.9%
	2012	69,269	-8.5%	69,970	-3.4%	1.0%	15.1	-10.1%	52.2%	14.9	-6.9%	53.0%
	2013	68,678	-0.9%	68,959	-1.4%	0.4%	13.5	-10.8%	58.0%	15.2	2.0%	51.5%
	2014	69,954	1.9%	70,208	1.8%	0.4%	15.0	11.0%	53.3%	15.3	0.5%	52.2%
	2015	71,692	2.5%	70,207	0.0%	-2.1%	15.2	1.1%	54.0%	15.7	2.6%	52.2%
	2016	73,334	2.3%	71,290	1.5%	-2.8%	14.5	-4.4%	57.7%	15.6	-0.4%	53.6%
	2017	70,003	-4.5%	70,659	-0.9%	0.9%	14.4	-0.9%	55.6%	15.3	-2.3%	52.3%
	2018	71,738	2.5%	68,912	-2.5%	-3.9%	16.5	14.9%	49.6%	15.2	-0.5%	53.9%
Projected	2019	72,463	1.0%	72,463	5.2%		15.7	-5.2%	52.8%	15.7	3.2%	52.7%
	2020	73,534	1.5%	73,534	1.5%		15.9	1.3%	52.9%	15.9	1.3%	52.8%
	2021	74,476	1.3%	74,476	1.3%		16.1	1.3%	52.9%	16.1	1.3%	52.8%
	2022	75,438	1.3%	75,438	1.3%		16.3	1.3%	52.9%	16.3	1.3%	52.8%
	2023	76,300	1.1%	76,300	1.1%		16.5	1.1%	52.9%	16.5	1.1%	52.8%
	2024	77,119	1.1%	77,119	1.1%		16.6	1.1%	53.0%	16.7	1.1%	52.8%
	2025	77,887	1.0%	77,887	1.0%		16.8	1.0%	53.0%	16.8	1.0%	52.8%
	2026	78,588	0.9%	78,588	0.9%		16.9	0.9%	53.0%	17.0	0.9%	52.8%
	2027	79,206	0.8%	79,206	0.8%		17.1	0.8%	53.0%	17.1	0.8%	52.9%
	2028	79,787	0.7%	79,787	0.7%		17.2	0.7%	53.0%	17.2	0.7%	52.9%
	2029	80,343	0.7%	80,343	0.7%		17.3	0.7%	53.0%	17.3	0.7%	52.9%
	2030	80,885	0.7%	80,885	0.7%		17.4	0.7%	53.0%	17.5	0.7%	52.9%
	2031	81,398	0.6%	81,398	0.6%		17.5	0.6%	53.0%	17.6	0.6%	52.9%
	2032	81,851	0.6%	81,851	0.6%		17.6	0.5%	53.0%	17.7	0.5%	52.9%
	2033	82,294	0.5%	82,294	0.5%		17.7	0.5%	53.0%	17.8	0.5%	52.9%
	2034	82,737	0.5%	82,737	0.5%		17.8	0.5%	53.0%	17.9	0.5%	52.9%
	2035	83,172	0.5%	83,172	0.5%		17.9	0.5%	53.0%	18.0	0.5%	52.9%
	2036	83,583	0.5%	83,583	0.5%		18.0	0.5%	53.0%	18.0	0.5%	52.9%
	2037	83,988	0.5%	83,988	0.5%		18.1	0.5%	53.0%	18.1	0.5%	52.9%
	2038	84,386	0.5%	84,386	0.5%		18.2	0.5%	53.0%	18.2	0.5%	52.9%
CAGR [1]	2009-2018		-0.6%		-1.1%			-0.2%	53.1%		-0.8%	53.0%
	2019-2028		1.1%		1.1%			1.0%	52.9%		1.0%	52.8%
	2029-2038		0.5%		0.5%			0.5%	53.0%		0.5%	52.9%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - High Economic Case

Starke

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	6,290	5,545	5,473	5,288	6,450	7,548	7,556	7,546	7,021	6,425	5,072	5,829	76,043	75,961
	2010	7,048	6,013	5,541	5,122	6,812	7,557	7,843	7,935	7,027	5,584	5,036	7,065	78,583	78,225
	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	5,826	5,057	5,643	71,928	71,738
Projected	2019	5,744	4,987	5,206	5,253	6,194	6,917	7,361	7,476	6,800	5,964	5,113	5,762	72,776	72,463
	2020	5,827	5,064	5,288	5,335	6,285	7,006	7,448	7,562	6,880	6,036	5,177	5,828	73,737	73,534
	2021	5,893	5,124	5,356	5,407	6,370	7,100	7,547	7,664	6,974	6,119	5,248	5,906	74,707	74,476
	2022	5,969	5,191	5,426	5,478	6,453	7,189	7,641	7,759	7,059	6,194	5,311	5,975	75,647	75,438
	2023	6,038	5,250	5,489	5,541	6,526	7,270	7,725	7,843	7,137	6,262	5,370	6,040	76,492	76,300
	2024	6,102	5,306	5,549	5,602	6,597	7,347	7,807	7,925	7,211	6,328	5,426	6,101	77,301	77,119
	2025	6,162	5,359	5,605	5,658	6,663	7,419	7,882	8,002	7,281	6,390	5,480	6,159	78,061	77,887
	2026	6,218	5,407	5,656	5,711	6,724	7,484	7,949	8,068	7,342	6,443	5,526	6,208	78,736	78,588
	2027	6,266	5,449	5,702	5,757	6,778	7,542	8,009	8,129	7,397	6,492	5,568	6,254	79,344	79,206
	2028	6,310	5,488	5,744	5,800	6,829	7,597	8,066	8,187	7,450	6,540	5,610	6,298	79,919	79,787
Projected	2029	6,353	5,525	5,785	5,842	6,877	7,649	8,121	8,242	7,501	6,585	5,649	6,341	80,470	80,343
	2030	6,393	5,561	5,825	5,883	6,925	7,700	8,174	8,296	7,551	6,630	5,688	6,383	81,011	80,885
	2031	6,433	5,596	5,863	5,922	6,970	7,748	8,223	8,345	7,596	6,670	5,722	6,418	81,507	81,398
	2032	6,468	5,627	5,896	5,956	7,010	7,790	8,267	8,389	7,637	6,706	5,754	6,453	81,955	81,851
	2033	6,501	5,656	5,929	5,990	7,049	7,832	8,311	8,434	7,678	6,743	5,786	6,487	82,397	82,294
	2034	6,534	5,686	5,961	6,023	7,088	7,874	8,355	8,479	7,720	6,780	5,819	6,522	82,841	82,737
	2035	6,568	5,715	5,993	6,056	7,126	7,915	8,397	8,521	7,759	6,816	5,850	6,554	83,270	83,172
	2036	6,598	5,742	6,024	6,087	7,163	7,954	8,438	8,562	7,797	6,850	5,879	6,586	83,679	83,583
	2037	6,628	5,769	6,054	6,118	7,199	7,992	8,477	8,602	7,834	6,883	5,908	6,617	84,081	83,988
	2038	6,658	5,795	6,083	6,148	7,234	8,030	8,517	8,642	7,871	6,916	5,937	6,648	84,478	84,386

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.3%	7.3%	7.2%	7.0%	8.5%	9.9%	9.9%	9.9%	9.2%	8.4%	6.7%	7.7%	100.0%
	2010	9.0%	7.7%	7.1%	6.5%	8.7%	9.6%	10.0%	10.1%	8.9%	7.1%	6.4%	9.0%	100.0%
	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%	8.1%	7.0%	7.8%	100.0%
Projected	2019	7.9%	6.9%	7.2%	7.2%	8.5%	9.5%	10.1%	10.3%	9.3%	8.2%	7.0%	7.9%	100.0%
	2020	7.9%	6.9%	7.2%	7.2%	8.5%	9.5%	10.1%	10.3%	9.3%	8.2%	7.0%	7.9%	100.0%
	2021	7.9%	6.9%	7.2%	7.2%	8.5%	9.5%	10.1%	10.3%	9.3%	8.2%	7.0%	7.9%	100.0%
	2022	7.9%	6.9%	7.2%	7.2%	8.5%	9.5%	10.1%	10.3%	9.3%	8.2%	7.0%	7.9%	100.0%
	2023	7.9%	6.9%	7.2%	7.2%	8.5%	9.5%	10.1%	10.3%	9.3%	8.2%	7.0%	7.9%	100.0%
	2024	7.9%	6.9%	7.2%	7.2%	8.5%	9.5%	10.1%	10.3%	9.3%	8.2%	7.0%	7.9%	100.0%
	2025	7.9%	6.9%	7.2%	7.2%	8.5%	9.5%	10.1%	10.3%	9.3%	8.2%	7.0%	7.9%	100.0%
	2026	7.9%	6.9%	7.2%	7.3%	8.5%	9.5%	10.1%	10.2%	9.3%	8.2%	7.0%	7.9%	100.0%
	2027	7.9%	6.9%	7.2%	7.3%	8.5%	9.5%	10.1%	10.2%	9.3%	8.2%	7.0%	7.9%	100.0%
	2028	7.9%	6.9%	7.2%	7.3%	8.5%	9.5%	10.1%	10.2%	9.3%	8.2%	7.0%	7.9%	100.0%
Avg.	2009-2018	8.4%	7.0%	7.2%	7.2%	8.6%	9.5%	10.1%	10.2%	9.2%	7.9%	6.9%	7.7%	100.0%
	2019-2028	7.9%	6.9%	7.2%	7.2%	8.5%	9.5%	10.1%	10.3%	9.3%	8.2%	7.0%	7.9%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - High Economic Case

Starke

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	16.7	16.8	13.3	11.4	14.4	16.3	15.2	15.9	14.6	14.8	10.1	12.7	16.8	16.3
	2010	18.6	14.3	12.9	10.6	14.2	16.4	16.4	16.0	15.3	13.2	10.8	16.3	18.6	16.4
	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	12.4	10.5	12.7	16.5	15.2
Projected	2019	15.7	13.9	11.4	12.3	13.8	14.9	15.3	15.7	14.5	12.8	10.6	12.9	15.7	15.7
	2020	15.9	14.1	11.6	12.5	13.9	15.1	15.5	15.9	14.7	13.0	10.8	13.0	15.9	15.9
	2021	16.1	14.2	11.7	12.6	14.1	15.3	15.7	16.1	14.8	13.2	10.9	13.2	16.1	16.1
	2022	16.3	14.4	11.9	12.8	14.3	15.5	15.9	16.3	15.0	13.3	11.0	13.4	16.3	16.3
	2023	16.5	14.6	12.0	12.9	14.5	15.7	16.0	16.5	15.2	13.5	11.1	13.5	16.5	16.5
	2024	16.6	14.7	12.1	13.1	14.6	15.9	16.2	16.7	15.4	13.6	11.2	13.6	16.6	16.7
	2025	16.8	14.9	12.2	13.2	14.8	16.0	16.4	16.8	15.5	13.8	11.3	13.7	16.8	16.8
	2026	16.9	15.0	12.3	13.3	14.9	16.2	16.5	17.0	15.6	13.9	11.4	13.9	16.9	17.0
	2027	17.1	15.1	12.4	13.4	15.0	16.3	16.6	17.1	15.8	14.0	11.5	14.0	17.1	17.1
	2028	17.2	15.2	12.5	13.5	15.1	16.4	16.8	17.2	15.9	14.1	11.6	14.1	17.2	17.2
Projected	2029	17.3	15.3	12.6	13.6	15.2	16.5	16.9	17.3	16.0	14.2	11.7	14.1	17.3	17.3
	2030	17.4	15.4	12.7	13.7	15.3	16.6	17.0	17.5	16.1	14.3	11.7	14.2	17.4	17.5
	2031	17.5	15.5	12.8	13.8	15.4	16.7	17.1	17.6	16.2	14.4	11.8	14.3	17.5	17.6
	2032	17.6	15.6	12.8	13.8	15.5	16.8	17.2	17.7	16.3	14.4	11.9	14.4	17.6	17.7
	2033	17.7	15.7	12.9	13.9	15.6	16.9	17.3	17.8	16.4	14.5	11.9	14.5	17.7	17.8
	2034	17.8	15.8	13.0	14.0	15.7	17.0	17.4	17.9	16.5	14.6	12.0	14.5	17.8	17.9
	2035	17.9	15.9	13.0	14.1	15.7	17.1	17.5	18.0	16.5	14.7	12.1	14.6	17.9	18.0
	2036	18.0	16.0	13.1	14.1	15.8	17.2	17.5	18.0	16.6	14.8	12.1	14.7	18.0	18.0
	2037	18.1	16.0	13.2	14.2	15.9	17.3	17.6	18.1	16.7	14.8	12.2	14.8	18.1	18.1
	2038	18.2	16.1	13.2	14.3	16.0	17.3	17.7	18.2	16.8	14.9	12.2	14.8	18.2	18.2

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	50.5%	49.1%	55.4%	62.3%	66.8%	62.2%	69.1%	64.0%	67.0%	58.5%	67.3%	63.6%	51.7%	53.2%
	2010	51.0%	62.5%	57.7%	64.8%	71.2%	62.1%	66.5%	66.8%	63.7%	56.9%	62.8%	60.2%	48.3%	54.8%
	2011	50.9%	57.3%	71.7%	57.5%	67.1%	61.6%	66.7%	66.8%	66.3%	60.8%	65.2%	67.0%	49.8%	52.3%
	2012	49.2%	46.4%	66.5%	59.3%	68.0%	61.0%	67.2%	65.1%	63.8%	58.5%	59.1%	62.6%	52.5%	53.3%
	2013	60.8%	52.5%	56.0%	61.0%	67.2%	60.3%	65.1%	63.2%	60.9%	61.9%	60.0%	63.2%	57.9%	51.4%
	2014	57.1%	57.6%	66.1%	54.9%	67.0%	60.9%	67.4%	63.0%	61.2%	59.2%	48.2%	62.0%	53.5%	52.4%
	2015	55.2%	52.1%	69.1%	61.1%	67.1%	59.6%	66.1%	63.9%	63.5%	60.8%	56.5%	75.0%	54.2%	52.4%
	2016	55.5%	54.6%	61.5%	55.8%	66.0%	63.4%	69.4%	65.4%	68.4%	61.7%	63.6%	66.1%	57.2%	53.1%
	2017	49.9%	64.9%	53.4%	54.4%	66.8%	61.0%	68.7%	65.3%	61.8%	60.2%	64.3%	59.7%	56.2%	52.8%
	2018	55.1%	67.2%	58.7%	62.8%	70.1%	63.4%	66.1%	64.7%	65.0%	63.0%	64.8%	61.7%	49.7%	54.0%
Projected	2019	49.3%	53.5%	61.4%	57.4%	67.0%	62.3%	67.0%	64.0%	65.3%	62.5%	64.7%	62.2%	53.1%	52.9%
	2020	49.4%	51.8%	61.5%	57.6%	67.1%	62.2%	66.9%	63.9%	65.2%	62.4%	64.6%	62.1%	53.1%	52.9%
	2021	49.3%	53.5%	61.5%	57.6%	67.1%	62.3%	66.9%	64.0%	65.3%	62.4%	64.7%	62.1%	53.1%	52.9%
	2022	49.3%	53.6%	61.5%	57.6%	67.1%	62.3%	66.9%	63.9%	65.2%	62.4%	64.8%	62.1%	53.1%	52.9%
	2023	49.3%	53.6%	61.6%	57.6%	67.2%	62.3%	66.9%	63.9%	65.2%	62.4%	64.8%	62.2%	53.1%	52.9%
	2024	49.3%	51.7%	61.6%	57.7%	67.2%	62.3%	66.9%	63.9%	65.2%	62.4%	64.9%	62.2%	53.1%	52.9%
	2025	49.3%	53.6%	61.6%	57.7%	67.2%	62.3%	66.9%	63.9%	65.2%	62.4%	64.9%	62.2%	53.1%	52.9%
	2026	49.4%	53.6%	61.6%	57.7%	67.2%	62.3%	66.9%	63.9%	65.2%	62.4%	65.0%	62.2%	53.1%	52.9%
	2027	49.3%	53.6%	61.6%	57.7%	67.2%	62.3%	66.9%	63.9%	65.2%	62.4%	65.0%	62.2%	53.1%	52.9%
	2028	49.3%	51.8%	61.7%	57.7%	67.3%	62.3%	66.9%	63.9%	65.2%	62.4%	65.0%	62.3%	53.1%	52.9%
Avg.	2009-2018	53.5%	56.4%	61.6%	59.4%	67.7%	61.6%	67.2%	64.8%	64.2%	60.1%	61.2%	64.1%	53.1%	53.0%
	2019-2028	49.3%	53.0%	61.6%	57.6%	67.2%	62.3%	66.9%	63.9%	65.2%	62.4%	64.8%	62.2%	53.1%	52.9%

FMPA 2019 Load Forecast - High Economic Case

Starke

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	16.6	16.4	12.5	11.4	14.3	16.1	14.8	15.9	14.2	14.5	7.9	12.7	16.4	16.1
	2010	18.3	14.2	12.9	10.6	13.9	16.0	15.7	15.9	15.3	13.1	9.4	16.1	18.3	16.0
	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	12.1	9.8	11.9	16.4	15.2
Projected	2019	15.3	13.7	10.7	12.0	13.5	14.4	14.7	15.1	13.7	12.4	9.9	12.1	15.3	15.1
	2020	15.5	13.8	10.8	12.2	13.7	14.6	14.9	15.3	13.9	12.6	10.1	12.2	15.5	15.3
	2021	15.7	14.0	11.0	12.3	13.9	14.8	15.1	15.5	14.1	12.8	10.2	12.4	15.7	15.5
	2022	15.9	14.2	11.1	12.5	14.1	15.0	15.3	15.7	14.3	12.9	10.3	12.5	15.9	15.7
	2023	16.1	14.4	11.2	12.6	14.2	15.2	15.5	15.9	14.4	13.1	10.4	12.6	16.1	15.9
	2024	16.2	14.5	11.3	12.8	14.4	15.3	15.7	16.1	14.6	13.2	10.5	12.8	16.2	16.1
	2025	16.4	14.7	11.4	12.9	14.5	15.5	15.8	16.2	14.7	13.3	10.6	12.9	16.4	16.2
	2026	16.5	14.8	11.5	13.0	14.6	15.6	16.0	16.4	14.9	13.5	10.7	13.0	16.5	16.4
	2027	16.7	14.9	11.6	13.1	14.8	15.7	16.1	16.5	15.0	13.6	10.8	13.1	16.7	16.5
	2028	16.8	15.0	11.7	13.2	14.9	15.9	16.2	16.6	15.1	13.7	10.9	13.2	16.8	16.6
Projected	2029	16.9	15.1	11.8	13.3	15.0	16.0	16.3	16.7	15.2	13.8	10.9	13.2	16.9	16.7
	2030	17.0	15.2	11.9	13.4	15.1	16.1	16.4	16.8	15.3	13.8	11.0	13.3	17.0	16.8
	2031	17.1	15.3	11.9	13.5	15.2	16.2	16.5	16.9	15.4	13.9	11.1	13.4	17.1	16.9
	2032	17.2	15.4	12.0	13.5	15.2	16.3	16.6	17.0	15.5	14.0	11.1	13.5	17.2	17.0
	2033	17.3	15.5	12.1	13.6	15.3	16.4	16.7	17.1	15.6	14.1	11.2	13.5	17.3	17.1
	2034	17.4	15.6	12.1	13.7	15.4	16.4	16.8	17.2	15.6	14.2	11.2	13.6	17.4	17.2
	2035	17.5	15.6	12.2	13.8	15.5	16.5	16.9	17.3	15.7	14.2	11.3	13.7	17.5	17.3
	2036	17.6	15.7	12.3	13.8	15.6	16.6	17.0	17.4	15.8	14.3	11.3	13.8	17.6	17.4
	2037	17.7	15.8	12.3	13.9	15.6	16.7	17.0	17.5	15.9	14.4	11.4	13.8	17.7	17.5
	2038	17.8	15.9	12.4	14.0	15.7	16.8	17.1	17.5	15.9	14.4	11.5	13.9	17.8	17.5

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	99.3%	97.6%	94.0%	100.0%	99.3%	99.0%	97.6%	100.0%	97.3%	98.3%	78.0%	100.0%	97.6%	99.0%
	2010	98.5%	98.8%	100.0%	100.0%	97.5%	97.5%	95.8%	99.3%	100.0%	99.0%	86.9%	98.7%	98.5%	97.5%
	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%	97.0%	93.7%	93.7%	99.6%	100.0%
Projected	2019	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2020	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2021	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2022	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2023	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2024	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2025	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2026	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2027	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2028	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2009-2018	97.7%	98.3%	93.6%	97.8%	98.4%	96.8%	96.7%	95.8%	95.0%	96.6%	92.1%	93.3%	94.2%	96.5%
	2019-2028	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%

FMPA 2019 Load Forecast - High Economic Case - Starke

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	24,125		2,024		11,918		41,452		741		55.9		65,577		10,384	13.7%	75,961	
	2010	25,702	6.5%	1,968	-2.8%	13,057	9.6%	46,163	11.4%	746	0.7%	61.9	10.6%	71,865	9.6%	6,360	8.1%	78,225	3.0%
	2011	25,428	-1.1%	1,969	0.0%	12,915	-1.1%	45,518	-1.4%	735	-1.5%	62.0	0.1%	70,946	-1.3%	4,779	6.3%	75,725	-3.2%
	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%
Projected	2019	23,787	0.0%	2,042	0.8%	11,651	-0.8%	44,842	2.1%	770	0.6%	58.2	1.5%	68,629	1.4%	3,834	5.3%	72,463	1.0%
	2020	23,516	-1.1%	2,041	0.0%	11,519	-1.1%	45,906	2.4%	798	3.7%	57.5	-1.3%	69,422	1.2%	4,113	5.6%	73,534	1.5%
	2021	23,578	0.3%	2,041	0.0%	11,550	0.3%	46,732	1.8%	818	2.4%	57.1	-0.6%	70,310	1.3%	4,166	5.6%	74,476	1.3%
	2022	23,795	0.9%	2,041	0.0%	11,656	0.9%	47,423	1.5%	834	2.0%	56.9	-0.5%	71,219	1.3%	4,220	5.6%	75,438	1.3%
	2023	23,969	0.7%	2,041	0.0%	11,741	0.7%	48,063	1.3%	850	1.9%	56.6	-0.5%	72,032	1.1%	4,268	5.6%	76,300	1.1%
	2024	24,137	0.7%	2,041	0.0%	11,823	0.7%	48,668	1.3%	865	1.7%	56.3	-0.5%	72,805	1.1%	4,314	5.6%	77,119	1.1%
	2025	24,275	0.6%	2,041	0.0%	11,891	0.6%	49,255	1.2%	879	1.7%	56.0	-0.5%	73,531	1.0%	4,357	5.6%	77,887	1.0%
	2026	24,360	0.4%	2,041	0.0%	11,933	0.4%	49,831	1.2%	893	1.6%	55.8	-0.5%	74,192	0.9%	4,396	5.6%	78,588	0.9%
	2027	24,411	0.2%	2,041	0.0%	11,958	0.2%	50,364	1.1%	907	1.5%	55.5	-0.4%	74,775	0.8%	4,431	5.6%	79,206	0.8%
	2028	24,449	0.2%	2,041	0.0%	11,976	0.2%	50,874	1.0%	919	1.4%	55.3	-0.4%	75,323	0.7%	4,463	5.6%	79,787	0.7%
	2029	24,472	0.1%	2,041	0.0%	11,987	0.1%	51,377	1.0%	932	1.4%	55.1	-0.4%	75,849	0.7%	4,494	5.6%	80,343	0.7%
	2030	24,495	0.1%	2,041	0.0%	11,999	0.1%	51,865	1.0%	944	1.3%	54.9	-0.4%	76,360	0.7%	4,525	5.6%	80,885	0.7%
	2031	24,524	0.1%	2,041	0.0%	12,013	0.1%	52,321	0.9%	956	1.2%	54.7	-0.3%	76,844	0.6%	4,554	5.6%	81,398	0.6%
	2032	24,534	0.0%	2,041	0.0%	12,018	0.0%	52,738	0.8%	967	1.1%	54.6	-0.3%	77,272	0.6%	4,579	5.6%	81,851	0.6%
	2033	24,553	0.1%	2,041	0.0%	12,027	0.1%	53,136	0.8%	977	1.1%	54.4	-0.3%	77,690	0.5%	4,604	5.6%	82,294	0.5%
	2034	24,571	0.1%	2,041	0.0%	12,036	0.1%	53,537	0.8%	987	1.0%	54.2	-0.3%	78,108	0.5%	4,629	5.6%	82,737	0.5%
	2035	24,573	0.0%	2,041	0.0%	12,037	0.0%	53,946	0.8%	997	1.1%	54.1	-0.3%	78,519	0.5%	4,653	5.6%	83,172	0.5%
	2036	24,556	-0.1%	2,041	0.0%	12,028	-0.1%	54,351	0.8%	1,008	1.0%	53.9	-0.3%	78,907	0.5%	4,676	5.6%	83,583	0.5%
	2037	24,550	0.0%	2,041	0.0%	12,026	0.0%	54,739	0.7%	1,018	1.0%	53.8	-0.3%	79,289	0.5%	4,699	5.6%	83,988	0.5%
	2038	24,572	0.1%	2,041	0.0%	12,036	0.1%	55,092	0.6%	1,027	0.9%	53.6	-0.3%	79,664	0.5%	4,722	5.6%	84,386	0.5%
CAGR	2009-2018		-0.2%		0.0%		-0.2%		0.6%		0.4%		0.3%		0.4%		6.8%		-0.6%
	2019-2028		0.3%		0.0%		0.3%		1.4%		2.0%		-0.6%		1.0%		5.6%		1.1%
	2029-2038		0.0%		0.0%		0.0%		0.8%		1.1%		-0.3%		0.5%		5.6%		0.5%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - Mild Weather Case

Starke

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	75,961	-	76,124	-	0.2%	16.4	-	16.1	-	-1.9%	16.1	-	16.8		4.0%
	2010	78,225	3.0%	74,068	-2.7%	-5.3%	18.3	11.6%	16.4	1.8%	-10.5%	16.0	-1.1%	15.5	-7.7%	-2.9%
	2011	75,725	-3.2%	72,433	-2.2%	-4.3%	16.1	-12.1%	16.7	1.8%	3.6%	13.0	-18.7%	11.9	-22.9%	-7.9%
	2012	69,269	-8.5%	69,970	-3.4%	1.0%	15.1	-5.9%	14.5	-13.1%	-4.3%	14.7	13.1%	13.5	13.2%	-7.9%
	2013	68,678	-0.9%	68,959	-1.4%	0.4%	12.7	-16.2%	13.6	-6.3%	6.9%	15.1	2.7%	15.5	14.6%	2.8%
	2014	69,954	1.9%	70,208	1.8%	0.4%	13.7	7.9%	15.0	10.2%	9.2%	15.2	1.1%	15.7	1.1%	2.8%
	2015	71,692	2.5%	70,207	0.0%	-2.1%	15.2	10.7%	15.9	6.6%	5.2%	15.6	2.0%	16.6	6.0%	6.8%
	2016	73,334	2.3%	71,290	1.5%	-2.8%	12.5	-17.9%	15.2	-4.7%	22.0%	15.5	-0.5%	15.6	-6.3%	0.6%
	2017	70,003	-4.5%	70,659	-0.9%	0.9%	11.4	-8.4%	14.2	-6.6%	24.4%	14.1	-8.9%	15.2	-2.1%	8.1%
	2018	71,738	2.5%	68,912	-2.5%	-3.9%	16.4	44.1%	16.4	15.8%	0.0%	15.2	7.7%	15.0	-1.5%	-1.2%
Projected	2019	69,175	-3.6%	69,175	0.4%		14.6	-11.5%	14.6	-11.5%		14.4	-5.4%	14.4	-4.2%	
	2020			69,330	0.2%				14.6	0.3%				14.4	0.3%	
	2021			69,736	0.6%				14.7	0.7%				14.5	0.7%	
	2022			70,228	0.7%				14.8	0.7%				14.6	0.7%	
	2023			70,695	0.7%				14.9	0.7%				14.7	0.7%	
	2024			71,164	0.7%				15.0	0.7%				14.8	0.7%	
	2025			71,625	0.6%				15.1	0.6%				14.9	0.6%	
	2026			72,026	0.6%				15.2	0.5%				15.0	0.5%	
	2027			72,379	0.5%				15.2	0.5%				15.1	0.5%	
	2028			72,712	0.5%				15.3	0.4%				15.1	0.4%	
	2029			73,013	0.4%				15.4	0.4%				15.2	0.4%	
	2030			73,313	0.4%				15.4	0.4%				15.3	0.4%	
	2031			73,610	0.4%				15.5	0.4%				15.3	0.4%	
	2032			73,859	0.3%				15.5	0.3%				15.4	0.3%	
	2033			74,092	0.3%				15.6	0.3%				15.4	0.3%	
	2034			74,337	0.3%				15.6	0.3%				15.5	0.3%	
	2035			74,575	0.3%				15.7	0.3%				15.5	0.3%	
	2036			74,800	0.3%				15.7	0.3%				15.6	0.3%	
	2037			75,014	0.3%				15.8	0.3%				15.6	0.3%	
	2038			75,239	0.3%				15.8	0.3%				15.6	0.3%	
CAGR [3]	2009-2018		-0.6%		-1.1%			0.0%		0.2%			-0.7%		-1.2%	
	2019-2028				0.6%					0.6%					0.6%	
	2029-2038				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 2019 Load Forecast - Mild Weather Case

Starke

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	75,961	-	76,124	-	0.2%	16.8	-	51.6%	16.3	-	53.2%
	2010	78,225	3.0%	74,068	-2.7%	-5.3%	18.6	10.5%	48.1%	16.4	0.4%	54.5%
	2011	75,725	-3.2%	72,433	-2.2%	-4.3%	16.8	-9.3%	51.3%	16.0	-2.1%	53.9%
	2012	69,269	-8.5%	69,970	-3.4%	1.0%	15.1	-10.1%	52.2%	14.9	-6.9%	53.0%
	2013	68,678	-0.9%	68,959	-1.4%	0.4%	13.5	-10.8%	58.0%	15.2	2.0%	51.5%
	2014	69,954	1.9%	70,208	1.8%	0.4%	15.0	11.0%	53.3%	15.3	0.5%	52.2%
	2015	71,692	2.5%	70,207	0.0%	-2.1%	15.2	1.1%	54.0%	15.7	2.6%	52.2%
	2016	73,334	2.3%	71,290	1.5%	-2.8%	14.5	-4.4%	57.7%	15.6	-0.4%	53.6%
	2017	70,003	-4.5%	70,659	-0.9%	0.9%	14.4	-0.9%	55.6%	15.3	-2.3%	52.3%
	2018	71,738	2.5%	68,912	-2.5%	-3.9%	16.5	14.9%	49.6%	15.2	-0.5%	53.9%
Projected	2019	69,175	-3.6%	69,175	0.4%		14.9	-9.8%	53.0%	14.9	-1.7%	52.9%
	2020	69,330	0.2%	69,330	0.2%		14.9	0.3%	53.0%	15.0	0.3%	52.9%
	2021	69,736	0.6%	69,736	0.6%		15.0	0.7%	52.9%	15.1	0.7%	52.8%
	2022	70,228	0.7%	70,228	0.7%		15.1	0.7%	53.0%	15.2	0.7%	52.8%
	2023	70,695	0.7%	70,695	0.7%		15.2	0.7%	53.0%	15.3	0.7%	52.8%
	2024	71,164	0.7%	71,164	0.7%		15.3	0.7%	53.0%	15.4	0.7%	52.8%
	2025	71,625	0.6%	71,625	0.6%		15.4	0.6%	53.0%	15.5	0.6%	52.8%
	2026	72,026	0.6%	72,026	0.6%		15.5	0.5%	53.0%	15.6	0.5%	52.8%
	2027	72,379	0.5%	72,379	0.5%		15.6	0.5%	53.0%	15.6	0.5%	52.8%
	2028	72,712	0.5%	72,712	0.5%		15.7	0.4%	53.0%	15.7	0.4%	52.9%
	2029	73,013	0.4%	73,013	0.4%		15.7	0.4%	53.0%	15.8	0.4%	52.9%
	2030	73,313	0.4%	73,313	0.4%		15.8	0.4%	53.0%	15.8	0.4%	52.9%
	2031	73,610	0.4%	73,610	0.4%		15.9	0.4%	53.0%	15.9	0.4%	52.9%
	2032	73,859	0.3%	73,859	0.3%		15.9	0.3%	53.0%	15.9	0.3%	52.9%
	2033	74,092	0.3%	74,092	0.3%		16.0	0.3%	53.0%	16.0	0.3%	52.9%
	2034	74,337	0.3%	74,337	0.3%		16.0	0.3%	53.0%	16.1	0.3%	52.9%
	2035	74,575	0.3%	74,575	0.3%		16.1	0.3%	53.0%	16.1	0.3%	52.9%
	2036	74,800	0.3%	74,800	0.3%		16.1	0.3%	53.0%	16.2	0.3%	52.9%
	2037	75,014	0.3%	75,014	0.3%		16.2	0.3%	53.0%	16.2	0.3%	52.9%
	2038	75,239	0.3%	75,239	0.3%		16.2	0.3%	53.0%	16.2	0.3%	52.9%
CAGR [1]	2009-2018		-0.6%		-1.1%			-0.2%	53.1%		-0.8%	53.0%
	2019-2028		0.6%		0.6%			0.6%	53.0%		0.6%	52.8%
	2029-2038		0.3%		0.3%			0.3%	53.0%		0.3%	52.9%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Mild Weather Case

Starke

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	6,290	5,545	5,473	5,288	6,450	7,548	7,556	7,546	7,021	6,425	5,072	5,829	76,043	75,961
	2010	7,048	6,013	5,541	5,122	6,812	7,557	7,843	7,935	7,027	5,584	5,036	7,065	78,583	78,225
	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	5,826	5,057	5,111	71,397	71,738
Projected	2019	5,009	4,545	5,194	5,225	6,154	6,610	6,957	7,049	6,437	5,853	5,040	5,143	69,216	69,175
	2020	5,016	4,557	5,206	5,239	6,168	6,622	6,968	7,064	6,454	5,873	5,062	5,167	69,396	69,330
	2021	5,040	4,581	5,237	5,273	6,209	6,666	7,015	7,113	6,500	5,916	5,099	5,204	69,853	69,736
	2022	5,076	4,614	5,274	5,310	6,253	6,713	7,064	7,161	6,545	5,956	5,134	5,239	70,340	70,228
	2023	5,110	4,645	5,310	5,346	6,295	6,756	7,109	7,207	6,587	5,995	5,168	5,273	70,801	70,695
	2024	5,143	4,675	5,345	5,382	6,337	6,802	7,157	7,256	6,631	6,036	5,203	5,309	71,275	71,164
	2025	5,177	4,706	5,380	5,417	6,378	6,845	7,201	7,300	6,672	6,073	5,235	5,341	71,726	71,625
	2026	5,207	4,733	5,411	5,448	6,414	6,882	7,239	7,338	6,706	6,104	5,262	5,367	72,110	72,026
	2027	5,232	4,756	5,438	5,475	6,446	6,915	7,273	7,372	6,738	6,134	5,288	5,393	72,461	72,379
	2028	5,256	4,778	5,464	5,501	6,476	6,946	7,305	7,404	6,768	6,160	5,311	5,416	72,785	72,712
Projected	2029	5,278	4,797	5,487	5,525	6,503	6,974	7,333	7,433	6,795	6,185	5,333	5,438	73,082	73,013
	2030	5,299	4,817	5,510	5,548	6,531	7,003	7,363	7,464	6,823	6,212	5,357	5,461	73,386	73,313
	2031	5,321	4,837	5,533	5,572	6,558	7,030	7,391	7,491	6,849	6,235	5,377	5,481	73,674	73,610
	2032	5,339	4,853	5,552	5,591	6,580	7,053	7,414	7,514	6,870	6,255	5,394	5,498	73,912	73,859
	2033	5,355	4,868	5,569	5,609	6,602	7,075	7,438	7,538	6,892	6,276	5,413	5,516	74,151	74,092
	2034	5,372	4,884	5,588	5,628	6,624	7,098	7,461	7,562	6,914	6,296	5,431	5,534	74,394	74,337
	2035	5,389	4,899	5,607	5,647	6,646	7,121	7,484	7,585	6,936	6,316	5,449	5,552	74,631	74,575
	2036	5,405	4,914	5,624	5,665	6,666	7,142	7,505	7,606	6,956	6,335	5,465	5,567	74,850	74,800
	2037	5,420	4,928	5,640	5,682	6,686	7,162	7,526	7,628	6,976	6,353	5,481	5,584	75,065	75,014
	2038	5,436	4,942	5,657	5,699	6,707	7,184	7,549	7,651	6,997	6,373	5,499	5,601	75,294	75,239

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.3%	7.3%	7.2%	7.0%	8.5%	9.9%	9.9%	9.9%	9.2%	8.4%	6.7%	7.7%	100.0%
	2010	9.0%	7.7%	7.1%	6.5%	8.7%	9.6%	10.0%	10.1%	8.9%	7.1%	6.4%	9.0%	100.0%
	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	9.5%	6.5%	7.0%	6.9%	8.4%	9.6%	9.6%	10.2%	9.9%	8.2%	7.1%	7.2%	100.0%
Projected	2019	7.2%	6.6%	7.5%	7.5%	8.9%	9.5%	10.1%	10.2%	9.3%	8.5%	7.3%	7.4%	100.0%
	2020	7.2%	6.6%	7.5%	7.5%	8.9%	9.5%	10.0%	10.2%	9.3%	8.5%	7.3%	7.4%	100.0%
	2021	7.2%	6.6%	7.5%	7.5%	8.9%	9.5%	10.0%	10.2%	9.3%	8.5%	7.3%	7.4%	100.0%
	2022	7.2%	6.6%	7.5%	7.5%	8.9%	9.5%	10.0%	10.2%	9.3%	8.5%	7.3%	7.4%	100.0%
	2023	7.2%	6.6%	7.5%	7.6%	8.9%	9.5%	10.0%	10.2%	9.3%	8.5%	7.3%	7.4%	100.0%
	2024	7.2%	6.6%	7.5%	7.6%	8.9%	9.5%	10.0%	10.2%	9.3%	8.5%	7.3%	7.4%	100.0%
	2025	7.2%	6.6%	7.5%	7.6%	8.9%	9.5%	10.0%	10.2%	9.3%	8.5%	7.3%	7.4%	100.0%
	2026	7.2%	6.6%	7.5%	7.6%	8.9%	9.5%	10.0%	10.2%	9.3%	8.5%	7.3%	7.4%	100.0%
	2027	7.2%	6.6%	7.5%	7.6%	8.9%	9.5%	10.0%	10.2%	9.3%	8.5%	7.3%	7.4%	100.0%
	2028	7.2%	6.6%	7.5%	7.6%	8.9%	9.5%	10.0%	10.2%	9.3%	8.5%	7.3%	7.4%	100.0%
Avg.	2009-2018	8.4%	7.0%	7.2%	7.2%	8.6%	9.6%	10.1%	10.3%	9.2%	7.9%	6.9%	7.6%	100.0%
	2019-2028	7.2%	6.6%	7.5%	7.6%	8.9%	9.5%	10.0%	10.2%	9.3%	8.5%	7.3%	7.4%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Mild Weather Case

Starke

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	16.7	16.8	13.3	11.4	14.4	16.3	15.2	15.9	14.6	14.8	10.1	12.7	16.8	16.3
	2010	18.6	14.3	12.9	10.6	14.2	16.4	16.4	16.0	15.3	13.2	10.8	16.3	18.6	16.4
	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	12.4	10.0	12.1	16.5	15.2
Projected	2019	14.9	13.2	10.9	11.7	13.1	14.2	14.5	14.9	13.8	12.2	10.0	12.1	14.9	14.9
	2020	14.9	13.2	10.9	11.7	13.1	14.2	14.6	15.0	13.8	12.2	10.1	12.2	14.9	15.0
	2021	15.0	13.3	11.0	11.8	13.2	14.3	14.7	15.1	13.9	12.3	10.1	12.3	15.0	15.1
	2022	15.1	13.4	11.0	11.9	13.3	14.4	14.8	15.2	14.0	12.4	10.2	12.4	15.1	15.2
	2023	15.2	13.5	11.1	12.0	13.4	14.5	14.9	15.3	14.1	12.5	10.3	12.5	15.2	15.3
	2024	15.3	13.6	11.2	12.0	13.5	14.6	15.0	15.4	14.2	12.6	10.3	12.5	15.3	15.4
	2025	15.4	13.7	11.2	12.1	13.6	14.7	15.0	15.5	14.3	12.7	10.4	12.6	15.4	15.5
	2026	15.5	13.8	11.3	12.2	13.6	14.8	15.1	15.6	14.3	12.7	10.4	12.7	15.5	15.6
	2027	15.6	13.8	11.4	12.3	13.7	14.9	15.2	15.6	14.4	12.8	10.5	12.7	15.6	15.6
	2028	15.7	13.9	11.4	12.3	13.8	14.9	15.3	15.7	14.5	12.8	10.5	12.8	15.7	15.7
Projected	2029	15.7	13.9	11.5	12.4	13.8	15.0	15.3	15.8	14.5	12.9	10.6	12.8	15.7	15.8
	2030	15.8	14.0	11.5	12.4	13.9	15.1	15.4	15.8	14.6	12.9	10.6	12.9	15.8	15.8
	2031	15.9	14.1	11.6	12.5	13.9	15.1	15.5	15.9	14.6	13.0	10.7	12.9	15.9	15.9
	2032	15.9	14.1	11.6	12.5	14.0	15.2	15.5	15.9	14.7	13.0	10.7	13.0	15.9	15.9
	2033	16.0	14.1	11.6	12.5	14.0	15.2	15.6	16.0	14.7	13.1	10.7	13.0	16.0	16.0
	2034	16.0	14.2	11.7	12.6	14.1	15.3	15.6	16.1	14.8	13.1	10.8	13.0	16.0	16.1
	2035	16.1	14.2	11.7	12.6	14.1	15.3	15.7	16.1	14.8	13.2	10.8	13.1	16.1	16.1
	2036	16.1	14.3	11.7	12.7	14.2	15.4	15.7	16.2	14.9	13.2	10.8	13.1	16.1	16.2
	2037	16.2	14.3	11.8	12.7	14.2	15.4	15.7	16.2	14.9	13.2	10.9	13.2	16.2	16.2
	2038	16.2	14.4	11.8	12.7	14.2	15.5	15.8	16.2	15.0	13.3	10.9	13.2	16.2	16.2

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	50.5%	49.1%	55.4%	62.3%	66.8%	62.2%	69.1%	64.0%	67.0%	58.5%	67.3%	63.6%	51.7%	53.2%
	2010	51.0%	62.5%	57.7%	64.8%	71.2%	62.1%	66.5%	66.8%	63.7%	56.9%	62.8%	60.2%	48.3%	54.8%
	2011	50.9%	57.3%	71.7%	57.5%	67.1%	61.6%	66.7%	66.8%	66.3%	60.8%	65.2%	67.0%	49.8%	52.3%
	2012	49.2%	46.4%	66.5%	59.3%	68.0%	61.0%	67.2%	65.1%	63.8%	58.5%	59.1%	62.6%	52.5%	53.3%
	2013	60.8%	52.5%	56.0%	61.0%	67.2%	60.3%	65.1%	63.2%	60.9%	61.9%	60.0%	63.2%	57.9%	51.4%
	2014	57.1%	57.6%	66.1%	54.9%	67.0%	60.9%	67.4%	63.0%	61.2%	59.2%	48.2%	62.0%	53.5%	52.4%
	2015	55.2%	52.1%	69.1%	61.1%	67.1%	59.6%	66.1%	63.9%	63.5%	60.8%	56.5%	75.0%	54.2%	52.4%
	2016	55.5%	54.6%	61.5%	55.8%	66.0%	63.4%	69.4%	65.4%	68.4%	61.7%	63.6%	66.1%	57.2%	53.1%
	2017	49.9%	64.9%	53.4%	54.4%	66.8%	61.0%	68.7%	65.3%	61.8%	60.2%	64.3%	59.7%	56.2%	52.8%
	2018	55.1%	67.2%	58.7%	62.8%	70.1%	63.4%	66.1%	64.7%	65.0%	63.0%	68.1%	58.7%	49.4%	53.6%
Projected	2019	45.2%	51.2%	64.3%	60.0%	69.9%	62.5%	66.6%	63.4%	65.0%	64.4%	67.7%	58.9%	53.0%	52.9%
	2020	45.1%	49.5%	64.3%	60.0%	69.9%	62.5%	66.5%	63.4%	65.0%	64.5%	67.6%	58.8%	53.0%	52.9%
	2021	45.1%	51.2%	64.3%	60.0%	69.9%	62.5%	66.5%	63.4%	65.0%	64.5%	67.6%	58.8%	53.0%	52.9%
	2022	45.1%	51.2%	64.3%	60.0%	69.9%	62.5%	66.5%	63.4%	65.0%	64.5%	67.6%	58.8%	53.0%	52.9%
	2023	45.1%	51.2%	64.3%	60.0%	69.9%	62.5%	66.5%	63.4%	65.0%	64.5%	67.6%	58.8%	53.0%	52.9%
	2024	45.1%	49.4%	64.3%	60.0%	69.9%	62.5%	66.5%	63.4%	65.0%	64.5%	67.6%	58.8%	53.0%	52.9%
	2025	45.1%	51.2%	64.3%	60.0%	70.0%	62.5%	66.5%	63.4%	65.0%	64.5%	67.7%	58.9%	53.0%	52.9%
	2026	45.1%	51.2%	64.3%	60.1%	70.0%	62.5%	66.5%	63.4%	65.0%	64.5%	67.7%	58.9%	53.0%	52.9%
	2027	45.1%	51.2%	64.3%	60.1%	70.0%	62.5%	66.5%	63.4%	65.0%	64.5%	67.7%	58.9%	53.0%	52.9%
	2028	45.1%	49.4%	64.3%	60.1%	70.0%	62.5%	66.4%	63.4%	64.9%	64.5%	67.8%	58.9%	53.0%	52.9%
Avg.	2009-2018	53.5%	56.4%	61.6%	59.4%	67.7%	61.6%	67.2%	64.8%	64.2%	60.1%	61.5%	63.8%	53.1%	52.9%
	2019-2028	45.1%	50.7%	64.3%	60.0%	69.9%	62.5%	66.5%	63.4%	65.0%	64.5%	67.7%	58.8%	53.0%	52.9%

FMPA 2019 Load Forecast - Mild Weather Case

Starke

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	16.6	16.4	12.5	11.4	14.3	16.1	14.8	15.9	14.2	14.5	7.9	12.7	16.4	16.1
	2010	18.3	14.2	12.9	10.6	13.9	16.0	15.7	15.9	15.3	13.1	9.4	16.1	18.3	16.0
	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	12.1	9.3	11.3	16.4	15.2
Projected	2019	14.6	13.0	10.2	11.4	12.9	13.7	14.0	14.4	13.1	11.8	9.4	11.4	14.6	14.4
	2020	14.6	13.0	10.2	11.5	12.9	13.8	14.1	14.4	13.1	11.9	9.4	11.4	14.6	14.4
	2021	14.7	13.1	10.2	11.5	13.0	13.9	14.2	14.5	13.2	12.0	9.5	11.5	14.7	14.5
	2022	14.8	13.2	10.3	11.6	13.1	14.0	14.3	14.6	13.3	12.0	9.6	11.6	14.8	14.6
	2023	14.9	13.3	10.4	11.7	13.2	14.1	14.4	14.7	13.4	12.1	9.6	11.7	14.9	14.7
	2024	15.0	13.4	10.5	11.8	13.3	14.2	14.5	14.8	13.5	12.2	9.7	11.7	15.0	14.8
	2025	15.1	13.5	10.5	11.9	13.3	14.2	14.5	14.9	13.6	12.3	9.7	11.8	15.1	14.9
	2026	15.2	13.6	10.6	11.9	13.4	14.3	14.6	15.0	13.6	12.3	9.8	11.9	15.2	15.0
	2027	15.2	13.6	10.6	12.0	13.5	14.4	14.7	15.1	13.7	12.4	9.8	11.9	15.2	15.1
	2028	15.3	13.7	10.7	12.0	13.5	14.5	14.8	15.1	13.8	12.5	9.9	12.0	15.3	15.1
Projected	2029	15.4	13.7	10.7	12.1	13.6	14.5	14.8	15.2	13.8	12.5	9.9	12.0	15.4	15.2
	2030	15.4	13.8	10.8	12.1	13.7	14.6	14.9	15.3	13.9	12.6	9.9	12.1	15.4	15.3
	2031	15.5	13.8	10.8	12.2	13.7	14.6	14.9	15.3	13.9	12.6	10.0	12.1	15.5	15.3
	2032	15.5	13.9	10.8	12.2	13.8	14.7	15.0	15.4	14.0	12.6	10.0	12.1	15.5	15.4
	2033	15.6	13.9	10.9	12.3	13.8	14.7	15.0	15.4	14.0	12.7	10.0	12.2	15.6	15.4
	2034	15.6	14.0	10.9	12.3	13.8	14.8	15.1	15.5	14.1	12.7	10.1	12.2	15.6	15.5
	2035	15.7	14.0	10.9	12.3	13.9	14.8	15.1	15.5	14.1	12.8	10.1	12.3	15.7	15.5
	2036	15.7	14.1	11.0	12.4	13.9	14.9	15.2	15.6	14.1	12.8	10.1	12.3	15.7	15.6
	2037	15.8	14.1	11.0	12.4	14.0	14.9	15.2	15.6	14.2	12.8	10.2	12.3	15.8	15.6
	2038	15.8	14.1	11.0	12.4	14.0	15.0	15.3	15.6	14.2	12.9	10.2	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	2009	99.3%	97.6%	94.0%	100.0%	99.3%	99.0%	97.6%	100.0%	97.3%	98.3%	78.0%	100.0%	97.6%	99.0%
	2010	98.5%	98.8%	100.0%	100.0%	97.5%	97.5%	95.8%	99.3%	100.0%	99.0%	86.9%	98.7%	98.5%	97.5%
	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%	97.0%	93.7%	93.7%	99.6%	100.0%
Projected	2019	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2020	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2021	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2022	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2023	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2024	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2025	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2026	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2027	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2028	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2009-2018	97.7%	98.3%	93.6%	97.8%	98.4%	96.8%	96.7%	95.8%	95.0%	96.6%	92.1%	93.3%	94.2%	96.5%
	2019-2028	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%

FMPA 2019 Load Forecast - Mild Weather Case - Starke

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	24,125		2,024		11,918		41,452		741		55.9		65,577		10,384	13.7%	75,961	
	2010	25,702	6.5%	1,968	-2.8%	13,057	9.6%	46,163	11.4%	746	0.7%	61.9	10.6%	71,865	9.6%	6,360	8.1%	78,225	3.0%
	2011	25,428	-1.1%	1,969	0.0%	12,915	-1.1%	45,518	-1.4%	735	-1.5%	62.0	0.1%	70,946	-1.3%	4,779	6.3%	75,725	-3.2%
	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%
Projected	2019	22,178	-6.7%	2,042	0.8%	10,863	-7.5%	43,224	-1.6%	762	-0.4%	56.7	-1.2%	65,402	-3.4%	3,772	5.5%	69,175	-3.6%
	2020	21,834	-1.5%	2,041	0.0%	10,695	-1.5%	43,420	0.5%	772	1.2%	56.3	-0.8%	65,254	-0.2%	4,076	5.9%	69,330	0.2%
	2021	21,808	-0.1%	2,041	0.0%	10,682	-0.1%	43,827	0.9%	781	1.2%	56.1	-0.3%	65,635	0.6%	4,101	5.9%	69,736	0.6%
	2022	21,911	0.5%	2,041	0.0%	10,733	0.5%	44,187	0.8%	790	1.1%	56.0	-0.3%	66,098	0.7%	4,130	5.9%	70,228	0.7%
	2023	22,002	0.4%	2,041	0.0%	10,777	0.4%	44,536	0.8%	798	1.1%	55.8	-0.3%	66,538	0.7%	4,157	5.9%	70,695	0.7%
	2024	22,106	0.5%	2,041	0.0%	10,828	0.5%	44,874	0.8%	807	1.0%	55.6	-0.3%	66,979	0.7%	4,185	5.9%	71,164	0.7%
	2025	22,190	0.4%	2,041	0.0%	10,870	0.4%	45,222	0.8%	815	1.1%	55.5	-0.3%	67,413	0.6%	4,212	5.9%	71,625	0.6%
	2026	22,231	0.2%	2,041	0.0%	10,889	0.2%	45,560	0.7%	824	1.0%	55.3	-0.3%	67,791	0.6%	4,236	5.9%	72,026	0.6%
	2027	22,244	0.1%	2,041	0.0%	10,896	0.1%	45,880	0.7%	832	1.0%	55.2	-0.3%	68,123	0.5%	4,256	5.9%	72,379	0.5%
	2028	22,248	0.0%	2,041	0.0%	10,898	0.0%	46,188	0.7%	840	0.9%	55.0	-0.3%	68,436	0.5%	4,276	5.9%	72,712	0.5%
	2029	22,240	0.0%	2,041	0.0%	10,894	0.0%	46,479	0.6%	847	0.9%	54.9	-0.2%	68,719	0.4%	4,294	5.9%	73,013	0.4%
	2030	22,235	0.0%	2,041	0.0%	10,891	0.0%	46,767	0.6%	854	0.9%	54.8	-0.2%	69,002	0.4%	4,311	5.9%	73,313	0.4%
	2031	22,236	0.0%	2,041	0.0%	10,892	0.0%	47,045	0.6%	861	0.8%	54.6	-0.2%	69,281	0.4%	4,329	5.9%	73,610	0.4%
	2032	22,223	-0.1%	2,041	0.0%	10,885	-0.1%	47,293	0.5%	868	0.7%	54.5	-0.2%	69,515	0.3%	4,344	5.9%	73,859	0.3%
	2033	22,218	0.0%	2,041	0.0%	10,883	0.0%	47,517	0.5%	873	0.7%	54.4	-0.2%	69,735	0.3%	4,357	5.9%	74,092	0.3%
	2034	22,212	0.0%	2,041	0.0%	10,881	0.0%	47,753	0.5%	879	0.7%	54.3	-0.2%	69,966	0.3%	4,372	5.9%	74,337	0.3%
	2035	22,194	-0.1%	2,041	0.0%	10,871	-0.1%	47,995	0.5%	885	0.7%	54.2	-0.2%	70,189	0.3%	4,386	5.9%	74,575	0.3%
	2036	22,159	-0.2%	2,041	0.0%	10,855	-0.2%	48,242	0.5%	892	0.7%	54.1	-0.2%	70,401	0.3%	4,399	5.9%	74,800	0.3%
	2037	22,136	-0.1%	2,041	0.0%	10,843	-0.1%	48,466	0.5%	898	0.6%	54.0	-0.2%	70,602	0.3%	4,412	5.9%	75,014	0.3%
	2038	22,138	0.0%	2,041	0.0%	10,844	0.0%	48,676	0.4%	903	0.6%	53.9	-0.2%	70,814	0.3%	4,425	5.9%	75,239	0.3%
CAGR	2009-2018		-0.2%		0.0%		-0.2%		0.6%		0.4%		0.3%		0.4%		6.8%		-0.6%
	2019-2028		0.0%		0.0%		0.0%		0.7%		1.1%		-0.3%		0.5%		5.8%		0.6%
	2029-2038		-0.1%		0.0%		-0.1%		0.5%		0.7%		-0.2%		0.3%		5.9%		0.3%

CAGR - Compound Average Growth Rate.

FMPA 2019 Load Forecast - Severe Weather Case

Starke

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand

		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	2009	75,961	-	76,124	-	0.2%	16.4	-	16.1	-	-1.9%	16.1	-	16.8		4.0%
	2010	78,225	3.0%	74,068	-2.7%	-5.3%	18.3	11.6%	16.4	1.8%	-10.5%	16.0	-1.1%	15.5	-7.7%	-2.9%
	2011	75,725	-3.2%	72,433	-2.2%	-4.3%	16.1	-12.1%	16.7	1.8%	3.6%	13.0	-18.7%	11.9	-22.9%	-7.9%
	2012	69,269	-8.5%	69,970	-3.4%	1.0%	15.1	-5.9%	14.5	-13.1%	-4.3%	14.7	13.1%	13.5	13.2%	-7.9%
	2013	68,678	-0.9%	68,959	-1.4%	0.4%	12.7	-16.2%	13.6	-6.3%	6.9%	15.1	2.7%	15.5	14.6%	2.8%
	2014	69,954	1.9%	70,208	1.8%	0.4%	13.7	7.9%	15.0	10.2%	9.2%	15.2	1.1%	15.7	1.1%	2.8%
	2015	71,692	2.5%	70,207	0.0%	-2.1%	15.2	10.7%	15.9	6.6%	5.2%	15.6	2.0%	16.6	6.0%	6.8%
	2016	73,334	2.3%	71,290	1.5%	-2.8%	12.5	-17.9%	15.2	-4.7%	22.0%	15.5	-0.5%	15.6	-6.3%	0.6%
	2017	70,003	-4.5%	70,659	-0.9%	0.9%	11.4	-8.4%	14.2	-6.6%	24.4%	14.1	-8.9%	15.2	-2.1%	8.1%
	2018	71,738	2.5%	68,912	-2.5%	-3.9%	16.4	44.1%	16.4	15.8%	0.0%	15.2	7.7%	15.0	-1.5%	-1.2%
Projected	2019	75,353	5.0%	75,353	9.3%		15.8	-3.6%	15.8	-3.6%		15.7	3.0%	15.7	4.3%	
	2020			75,568	0.3%				15.9	0.2%				15.7	0.2%	
	2021			75,993	0.6%				16.0	0.6%				15.8	0.6%	
	2022			76,524	0.7%				16.1	0.7%				15.9	0.7%	
	2023			77,027	0.7%				16.2	0.6%				16.0	0.6%	
	2024			77,535	0.7%				16.3	0.7%				16.1	0.7%	
	2025			78,031	0.6%				16.4	0.6%				16.2	0.6%	
	2026			78,460	0.6%				16.5	0.5%				16.3	0.5%	
	2027			78,836	0.5%				16.6	0.5%				16.4	0.5%	
	2028			79,188	0.4%				16.6	0.4%				16.4	0.4%	
	2029			79,506	0.4%				16.7	0.4%				16.5	0.4%	
	2030			79,823	0.4%				16.8	0.4%				16.6	0.4%	
	2031			80,138	0.4%				16.8	0.4%				16.6	0.4%	
	2032			80,399	0.3%				16.9	0.3%				16.7	0.3%	
	2033			80,646	0.3%				16.9	0.3%				16.7	0.3%	
	2034			80,905	0.3%				17.0	0.3%				16.8	0.3%	
	2035			81,155	0.3%				17.1	0.3%				16.9	0.3%	
	2036			81,390	0.3%				17.1	0.3%				16.9	0.3%	
	2037			81,614	0.3%				17.1	0.3%				16.9	0.3%	
	2038			81,852	0.3%				17.2	0.3%				17.0	0.3%	
CAGR [3]	2009-2018		-0.6%		-1.1%			0.0%		0.2%			-0.7%		-1.2%	
	2019-2028				0.6%					0.5%					0.5%	
	2029-2038				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 2019 Load Forecast - Severe Weather Case

Starke

Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2009	75,961	-	76,124	-	0.2%	16.8	-	51.6%	16.3	-	53.2%
	2010	78,225	3.0%	74,068	-2.7%	-5.3%	18.6	10.5%	48.1%	16.4	0.4%	54.5%
	2011	75,725	-3.2%	72,433	-2.2%	-4.3%	16.8	-9.3%	51.3%	16.0	-2.1%	53.9%
	2012	69,269	-8.5%	69,970	-3.4%	1.0%	15.1	-10.1%	52.2%	14.9	-6.9%	53.0%
	2013	68,678	-0.9%	68,959	-1.4%	0.4%	13.5	-10.8%	58.0%	15.2	2.0%	51.5%
	2014	69,954	1.9%	70,208	1.8%	0.4%	15.0	11.0%	53.3%	15.3	0.5%	52.2%
	2015	71,692	2.5%	70,207	0.0%	-2.1%	15.2	1.1%	54.0%	15.7	2.6%	52.2%
	2016	73,334	2.3%	71,290	1.5%	-2.8%	14.5	-4.4%	57.7%	15.6	-0.4%	53.6%
	2017	70,003	-4.5%	70,659	-0.9%	0.9%	14.4	-0.9%	55.6%	15.3	-2.3%	52.3%
	2018	71,738	2.5%	68,912	-2.5%	-3.9%	16.5	14.9%	49.6%	15.2	-0.5%	53.9%
Projected	2019	75,353	5.0%	75,353	9.3%		16.2	-1.7%	53.0%	16.3	7.0%	52.9%
	2020	75,568	0.3%	75,568	0.3%		16.3	0.2%	53.1%	16.3	0.2%	52.9%
	2021	75,993	0.6%	75,993	0.6%		16.4	0.6%	53.0%	16.4	0.6%	52.9%
	2022	76,524	0.7%	76,524	0.7%		16.5	0.7%	53.0%	16.5	0.7%	52.9%
	2023	77,027	0.7%	77,027	0.7%		16.6	0.6%	53.0%	16.6	0.6%	52.9%
	2024	77,535	0.7%	77,535	0.7%		16.7	0.7%	53.0%	16.7	0.7%	52.9%
	2025	78,031	0.6%	78,031	0.6%		16.8	0.6%	53.0%	16.8	0.6%	52.9%
	2026	78,460	0.6%	78,460	0.6%		16.9	0.5%	53.1%	16.9	0.5%	52.9%
	2027	78,836	0.5%	78,836	0.5%		17.0	0.5%	53.1%	17.0	0.5%	52.9%
	2028	79,188	0.4%	79,188	0.4%		17.0	0.4%	53.1%	17.1	0.4%	52.9%
	2029	79,506	0.4%	79,506	0.4%		17.1	0.4%	53.1%	17.1	0.4%	52.9%
	2030	79,823	0.4%	79,823	0.4%		17.2	0.4%	53.1%	17.2	0.4%	52.9%
	2031	80,138	0.4%	80,138	0.4%		17.2	0.4%	53.1%	17.3	0.4%	52.9%
	2032	80,399	0.3%	80,399	0.3%		17.3	0.3%	53.1%	17.3	0.3%	53.0%
	2033	80,646	0.3%	80,646	0.3%		17.3	0.3%	53.1%	17.4	0.3%	53.0%
	2034	80,905	0.3%	80,905	0.3%		17.4	0.3%	53.1%	17.4	0.3%	53.0%
	2035	81,155	0.3%	81,155	0.3%		17.5	0.3%	53.1%	17.5	0.3%	53.0%
	2036	81,390	0.3%	81,390	0.3%		17.5	0.3%	53.1%	17.5	0.3%	53.0%
	2037	81,614	0.3%	81,614	0.3%		17.6	0.3%	53.1%	17.6	0.3%	53.0%
	2038	81,852	0.3%	81,852	0.3%		17.6	0.3%	53.1%	17.6	0.3%	53.0%
CAGR [1]	2009-2018		-0.6%		-1.1%			-0.2%	53.1%		-0.8%	53.0%
	2019-2028		0.6%		0.6%			0.5%	53.0%		0.5%	52.9%
	2029-2038		0.3%		0.3%			0.3%	53.1%		0.3%	53.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2019 Load Forecast - Severe Weather Case

Starke

Monthly Net Energy for Load (MWh) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2009	6,290	5,545	5,473	5,288	6,450	7,548	7,556	7,546	7,021	6,425	5,072	5,829	76,043	75,961
	2010	7,048	6,013	5,541	5,122	6,812	7,557	7,843	7,935	7,027	5,584	5,036	7,065	78,583	78,225
	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	5,826	5,057	6,248	72,533	71,738
Projected	2019	6,604	5,467	5,187	5,225	6,154	7,131	7,655	7,774	7,024	5,924	5,040	6,283	75,469	75,353
	2020	6,604	5,475	5,198	5,239	6,168	7,142	7,665	7,787	7,041	5,945	5,062	6,308	75,635	75,568
	2021	6,629	5,500	5,228	5,273	6,209	7,189	7,717	7,841	7,092	5,988	5,099	6,353	76,117	75,993
	2022	6,675	5,538	5,265	5,310	6,253	7,239	7,769	7,895	7,140	6,029	5,134	6,395	76,643	76,524
	2023	6,718	5,574	5,300	5,346	6,295	7,286	7,819	7,945	7,186	6,068	5,168	6,436	77,141	77,027
	2024	6,760	5,610	5,335	5,382	6,337	7,335	7,871	7,998	7,234	6,109	5,203	6,478	77,653	77,535
	2025	6,803	5,645	5,370	5,417	6,378	7,381	7,920	8,047	7,278	6,147	5,235	6,516	78,138	78,031
	2026	6,840	5,676	5,401	5,448	6,414	7,420	7,960	8,087	7,315	6,178	5,262	6,547	78,549	78,460
	2027	6,870	5,702	5,427	5,475	6,446	7,456	7,998	8,125	7,350	6,209	5,288	6,576	78,921	78,836
	2028	6,899	5,726	5,452	5,501	6,476	7,488	8,032	8,159	7,381	6,236	5,311	6,603	79,265	79,188
Projected	2029	6,924	5,748	5,475	5,525	6,503	7,518	8,063	8,191	7,410	6,261	5,333	6,628	79,578	79,506
	2030	6,948	5,769	5,497	5,548	6,531	7,549	8,095	8,224	7,441	6,288	5,357	6,655	79,900	79,823
	2031	6,974	5,791	5,520	5,572	6,558	7,578	8,125	8,254	7,468	6,311	5,377	6,677	80,204	80,138
	2032	6,995	5,808	5,539	5,591	6,580	7,602	8,150	8,278	7,491	6,331	5,394	6,696	80,455	80,399
	2033	7,014	5,825	5,556	5,609	6,602	7,626	8,175	8,304	7,515	6,352	5,413	6,717	80,707	80,646
	2034	7,034	5,842	5,575	5,628	6,624	7,650	8,201	8,330	7,539	6,373	5,431	6,738	80,964	80,905
	2035	7,053	5,859	5,592	5,647	6,646	7,674	8,225	8,355	7,562	6,394	5,449	6,757	81,213	81,155
	2036	7,072	5,875	5,609	5,665	6,666	7,696	8,248	8,378	7,583	6,412	5,465	6,775	81,442	81,390
	2037	7,088	5,889	5,625	5,682	6,686	7,717	8,270	8,400	7,604	6,431	5,481	6,793	81,667	81,614
	2038	7,106	5,905	5,642	5,699	6,707	7,740	8,295	8,426	7,627	6,451	5,499	6,814	81,910	81,852

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2009	8.3%	7.3%	7.2%	7.0%	8.5%	9.9%	9.9%	9.9%	9.2%	8.4%	6.7%	7.7%	100.0%
	2010	9.0%	7.7%	7.1%	6.5%	8.7%	9.6%	10.0%	10.1%	8.9%	7.1%	6.4%	9.0%	100.0%
	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	9.3%	6.4%	6.9%	6.7%	8.3%	9.4%	9.5%	10.1%	9.8%	8.0%	7.0%	8.6%	100.0%
Projected	2019	8.8%	7.2%	6.9%	6.9%	8.2%	9.4%	10.1%	10.3%	9.3%	7.8%	6.7%	8.3%	100.0%
	2020	8.7%	7.2%	6.9%	6.9%	8.2%	9.4%	10.1%	10.3%	9.3%	7.9%	6.7%	8.3%	100.0%
	2021	8.7%	7.2%	6.9%	6.9%	8.2%	9.4%	10.1%	10.3%	9.3%	7.9%	6.7%	8.3%	100.0%
	2022	8.7%	7.2%	6.9%	6.9%	8.2%	9.4%	10.1%	10.3%	9.3%	7.9%	6.7%	8.3%	100.0%
	2023	8.7%	7.2%	6.9%	6.9%	8.2%	9.4%	10.1%	10.3%	9.3%	7.9%	6.7%	8.3%	100.0%
	2024	8.7%	7.2%	6.9%	6.9%	8.2%	9.4%	10.1%	10.3%	9.3%	7.9%	6.7%	8.3%	100.0%
	2025	8.7%	7.2%	6.9%	6.9%	8.2%	9.4%	10.1%	10.3%	9.3%	7.9%	6.7%	8.3%	100.0%
	2026	8.7%	7.2%	6.9%	6.9%	8.2%	9.4%	10.1%	10.3%	9.3%	7.9%	6.7%	8.3%	100.0%
	2027	8.7%	7.2%	6.9%	6.9%	8.2%	9.4%	10.1%	10.3%	9.3%	7.9%	6.7%	8.3%	100.0%
	2028	8.7%	7.2%	6.9%	6.9%	8.2%	9.4%	10.1%	10.3%	9.3%	7.9%	6.7%	8.3%	100.0%
Avg.	2009-2018	8.3%	7.0%	7.2%	7.2%	8.6%	9.5%	10.1%	10.2%	9.2%	7.9%	6.9%	7.7%	100.0%
	2019-2028	8.7%	7.2%	6.9%	6.9%	8.2%	9.4%	10.1%	10.3%	9.3%	7.9%	6.7%	8.3%	100.0%
		1	2	3	4	5	6	7	8	9	10	11	12	

FMPA 2019 Load Forecast - Severe Weather Case

Starke

Monthly Non-Coincident Peak Demand (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	16.7	16.8	13.3	11.4	14.4	16.3	15.2	15.9	14.6	14.8	10.1	12.7	16.8	16.3
	2010	18.6	14.3	12.9	10.6	14.2	16.4	16.4	16.0	15.3	13.2	10.8	16.3	18.6	16.4
	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	12.4	10.9	13.2	16.5	15.2
Projected	2019	16.2	14.4	11.8	12.7	14.3	15.5	15.8	16.3	15.0	13.3	10.9	13.2	16.2	16.3
	2020	16.3	14.4	11.8	12.8	14.3	15.5	15.8	16.3	15.0	13.3	11.0	13.3	16.3	16.3
	2021	16.4	14.5	11.9	12.8	14.4	15.6	15.9	16.4	15.1	13.4	11.0	13.4	16.4	16.4
	2022	16.5	14.6	12.0	12.9	14.5	15.7	16.1	16.5	15.2	13.5	11.1	13.5	16.5	16.5
	2023	16.6	14.7	12.1	13.0	14.6	15.8	16.2	16.6	15.3	13.6	11.2	13.5	16.6	16.6
	2024	16.7	14.8	12.2	13.1	14.7	15.9	16.3	16.7	15.4	13.7	11.2	13.6	16.7	16.7
	2025	16.8	14.9	12.2	13.2	14.8	16.0	16.4	16.8	15.5	13.8	11.3	13.7	16.8	16.8
	2026	16.9	15.0	12.3	13.3	14.8	16.1	16.5	16.9	15.6	13.8	11.4	13.8	16.9	16.9
	2027	17.0	15.0	12.4	13.3	14.9	16.2	16.5	17.0	15.7	13.9	11.4	13.8	17.0	17.0
	2028	17.0	15.1	12.4	13.4	15.0	16.2	16.6	17.1	15.7	14.0	11.5	13.9	17.0	17.1
Projected	2029	17.1	15.2	12.5	13.4	15.0	16.3	16.7	17.1	15.8	14.0	11.5	13.9	17.1	17.1
	2030	17.2	15.2	12.5	13.5	15.1	16.4	16.7	17.2	15.9	14.1	11.5	14.0	17.2	17.2
	2031	17.2	15.3	12.6	13.5	15.1	16.4	16.8	17.3	15.9	14.1	11.6	14.0	17.2	17.3
	2032	17.3	15.3	12.6	13.6	15.2	16.5	16.8	17.3	16.0	14.2	11.6	14.1	17.3	17.3
	2033	17.3	15.4	12.6	13.6	15.2	16.5	16.9	17.4	16.0	14.2	11.7	14.1	17.3	17.4
	2034	17.4	15.4	12.7	13.7	15.3	16.6	17.0	17.4	16.1	14.3	11.7	14.2	17.4	17.4
	2035	17.5	15.5	12.7	13.7	15.3	16.6	17.0	17.5	16.1	14.3	11.7	14.2	17.5	17.5
	2036	17.5	15.5	12.8	13.7	15.4	16.7	17.1	17.5	16.2	14.3	11.8	14.2	17.5	17.5
	2037	17.6	15.6	12.8	13.8	15.4	16.7	17.1	17.6	16.2	14.4	11.8	14.3	17.6	17.6
	2038	17.6	15.6	12.8	13.8	15.5	16.8	17.2	17.6	16.3	14.4	11.8	14.3	17.6	17.6

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	50.5%	49.1%	55.4%	62.3%	66.8%	62.2%	69.1%	64.0%	67.0%	58.5%	67.3%	63.6%	51.7%	53.2%
	2010	51.0%	62.5%	57.7%	64.8%	71.2%	62.1%	66.5%	66.8%	63.7%	56.9%	62.8%	60.2%	48.3%	54.8%
	2011	50.9%	57.3%	71.7%	57.5%	67.1%	61.6%	66.7%	66.8%	66.3%	60.8%	65.2%	67.0%	49.8%	52.3%
	2012	49.2%	46.4%	66.5%	59.3%	68.0%	61.0%	67.2%	65.1%	63.8%	58.5%	59.1%	62.6%	52.5%	53.3%
	2013	60.8%	52.5%	56.0%	61.0%	67.2%	60.3%	65.1%	63.2%	60.9%	61.9%	60.0%	63.2%	57.9%	51.4%
	2014	57.1%	57.6%	66.1%	54.9%	67.0%	60.9%	67.4%	63.0%	61.2%	59.2%	48.2%	62.0%	53.5%	52.4%
	2015	55.2%	52.1%	69.1%	61.1%	67.1%	59.6%	66.1%	63.9%	63.5%	60.8%	56.5%	75.0%	54.2%	52.4%
	2016	55.5%	54.6%	61.5%	55.8%	66.0%	63.4%	69.4%	65.4%	68.4%	61.7%	63.6%	66.1%	57.2%	53.1%
	2017	49.9%	64.9%	53.4%	54.4%	66.8%	61.0%	68.7%	65.3%	61.8%	60.2%	64.3%	59.7%	56.2%	52.8%
	2018	55.1%	67.2%	58.7%	62.8%	70.1%	63.4%	66.1%	64.7%	65.0%	63.0%	62.6%	65.9%	50.2%	54.5%
Projected	2019	54.7%	56.6%	59.0%	55.1%	64.2%	62.0%	67.3%	64.3%	65.1%	59.9%	62.2%	66.1%	53.1%	53.0%
	2020	54.6%	54.6%	59.0%	55.2%	64.3%	61.9%	67.2%	64.2%	65.1%	60.0%	62.1%	66.0%	53.1%	53.0%
	2021	54.5%	56.5%	59.0%	55.2%	64.3%	61.9%	67.2%	64.3%	65.2%	60.0%	62.1%	66.0%	53.1%	53.0%
	2022	54.5%	56.5%	59.0%	55.2%	64.3%	61.9%	67.2%	64.3%	65.2%	60.0%	62.1%	66.0%	53.1%	53.0%
	2023	54.5%	56.5%	59.0%	55.2%	64.3%	61.9%	67.2%	64.3%	65.2%	60.0%	62.1%	66.0%	53.1%	53.0%
	2024	54.4%	54.5%	59.0%	55.2%	64.3%	61.9%	67.2%	64.3%	65.2%	60.0%	62.2%	66.0%	53.1%	53.0%
	2025	54.4%	56.4%	59.0%	55.2%	64.3%	61.9%	67.2%	64.3%	65.2%	60.0%	62.2%	66.0%	53.1%	53.0%
	2026	54.5%	56.5%	59.0%	55.2%	64.3%	61.9%	67.2%	64.2%	65.2%	60.0%	62.3%	66.0%	53.1%	53.0%
	2027	54.4%	56.4%	59.0%	55.2%	64.4%	61.9%	67.2%	64.2%	65.2%	60.0%	62.3%	66.0%	53.1%	53.0%
	2028	54.4%	54.5%	59.1%	55.3%	64.4%	61.9%	67.2%	64.2%	65.1%	60.0%	62.3%	66.0%	53.1%	53.0%
Avg.	2009-2018	53.5%	56.4%	61.6%	59.4%	67.7%	61.6%	67.2%	64.8%	64.2%	60.1%	60.9%	64.5%	53.1%	53.0%
	2019-2028	54.5%	55.9%	59.0%	55.2%	64.3%	61.9%	67.2%	64.3%	65.2%	60.0%	62.2%	66.0%	53.1%	53.0%

FMPA 2019 Load Forecast - Severe Weather Case

Starke

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	16.6	16.4	12.5	11.4	14.3	16.1	14.8	15.9	14.2	14.5	7.9	12.7	16.4	16.1
	2010	18.3	14.2	12.9	10.6	13.9	16.0	15.7	15.9	15.3	13.1	9.4	16.1	18.3	16.0
	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	12.1	10.2	12.3	16.4	15.2
Projected	2019	15.8	14.2	11.1	12.5	14.0	15.0	15.3	15.7	14.2	12.9	10.2	12.4	15.8	15.7
	2020	15.9	14.2	11.1	12.5	14.1	15.0	15.3	15.7	14.3	12.9	10.3	12.4	15.9	15.7
	2021	16.0	14.3	11.1	12.6	14.1	15.1	15.4	15.8	14.4	13.0	10.3	12.5	16.0	15.8
	2022	16.1	14.4	11.2	12.6	14.2	15.2	15.5	15.9	14.5	13.1	10.4	12.6	16.1	15.9
	2023	16.2	14.5	11.3	12.7	14.3	15.3	15.6	16.0	14.5	13.2	10.5	12.7	16.2	16.0
	2024	16.3	14.6	11.4	12.8	14.4	15.4	15.7	16.1	14.6	13.3	10.5	12.8	16.3	16.1
	2025	16.4	14.7	11.4	12.9	14.5	15.5	15.8	16.2	14.7	13.3	10.6	12.8	16.4	16.2
	2026	16.5	14.7	11.5	13.0	14.6	15.6	15.9	16.3	14.8	13.4	10.6	12.9	16.5	16.3
	2027	16.6	14.8	11.6	13.0	14.7	15.7	16.0	16.4	14.9	13.5	10.7	13.0	16.6	16.4
	2028	16.6	14.9	11.6	13.1	14.7	15.7	16.0	16.4	15.0	13.5	10.7	13.0	16.6	16.4
Projected	2029	16.7	14.9	11.7	13.1	14.8	15.8	16.1	16.5	15.0	13.6	10.8	13.1	16.7	16.5
	2030	16.8	15.0	11.7	13.2	14.8	15.8	16.2	16.6	15.1	13.6	10.8	13.1	16.8	16.6
	2031	16.8	15.0	11.7	13.2	14.9	15.9	16.2	16.6	15.1	13.7	10.8	13.1	16.8	16.6
	2032	16.9	15.1	11.8	13.3	14.9	16.0	16.3	16.7	15.2	13.7	10.9	13.2	16.9	16.7
	2033	16.9	15.1	11.8	13.3	15.0	16.0	16.3	16.7	15.2	13.8	10.9	13.2	16.9	16.7
	2034	17.0	15.2	11.9	13.4	15.0	16.1	16.4	16.8	15.3	13.8	10.9	13.3	17.0	16.8
	2035	17.1	15.2	11.9	13.4	15.1	16.1	16.4	16.9	15.3	13.9	11.0	13.3	17.1	16.9
	2036	17.1	15.3	11.9	13.4	15.1	16.2	16.5	16.9	15.4	13.9	11.0	13.3	17.1	16.9
	2037	17.1	15.3	12.0	13.5	15.2	16.2	16.5	16.9	15.4	13.9	11.0	13.4	17.1	16.9
	2038	17.2	15.4	12.0	13.5	15.2	16.2	16.6	17.0	15.4	14.0	11.1	13.4	17.2	17.0

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2009	99.3%	97.6%	94.0%	100.0%	99.3%	99.0%	97.6%	100.0%	97.3%	98.3%	78.0%	100.0%	97.6%	99.0%
	2010	98.5%	98.8%	100.0%	100.0%	97.5%	97.5%	95.8%	99.3%	100.0%	99.0%	86.9%	98.7%	98.5%	97.5%
	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%	97.0%	93.7%	93.7%	99.6%	100.0%
Projected	2019	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2020	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2021	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2022	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2023	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2024	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2025	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2026	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2027	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2028	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%
	2009-2018	97.7%	98.3%	93.6%	97.8%	98.4%	96.8%	96.7%	95.8%	95.0%	96.6%	92.1%	93.3%	94.2%	96.5%
	2019-2028	97.7%	98.5%	93.6%	97.8%	98.4%	96.8%	96.7%	96.3%	95.0%	97.0%	93.7%	93.7%	97.7%	96.3%

FMPA 2019 Load Forecast - Severe Weather Case - Starke

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2009-2038)

		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	2009	24,125		2,024		11,918		41,452		741		55.9		65,577		10,384	13.7%	75,961	
	2010	25,702	6.5%	1,968	-2.8%	13,057	9.6%	46,163	11.4%	746	0.7%	61.9	10.6%	71,865	9.6%	6,360	8.1%	78,225	3.0%
	2011	25,428	-1.1%	1,969	0.0%	12,915	-1.1%	45,518	-1.4%	735	-1.5%	62.0	0.1%	70,946	-1.3%	4,779	6.3%	75,725	-3.2%
	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%
Projected	2019	25,631	7.8%	2,042	0.8%	12,555	6.9%	45,842	4.4%	762	-0.4%	60.1	4.8%	71,474	5.6%	3,879	5.1%	75,353	5.0%
	2020	25,319	-1.2%	2,041	0.0%	12,402	-1.2%	46,220	0.8%	772	1.2%	59.9	-0.4%	71,538	0.1%	4,030	5.3%	75,568	0.3%
	2021	25,285	-0.1%	2,041	0.0%	12,386	-0.1%	46,654	0.9%	781	1.2%	59.7	-0.3%	71,939	0.6%	4,054	5.3%	75,993	0.6%
	2022	25,405	0.5%	2,041	0.0%	12,445	0.5%	47,036	0.8%	790	1.1%	59.6	-0.3%	72,442	0.7%	4,082	5.3%	76,524	0.7%
	2023	25,511	0.4%	2,041	0.0%	12,496	0.4%	47,408	0.8%	798	1.1%	59.4	-0.3%	72,918	0.7%	4,109	5.3%	77,027	0.7%
	2024	25,631	0.5%	2,041	0.0%	12,555	0.5%	47,768	0.8%	807	1.0%	59.2	-0.3%	73,399	0.7%	4,136	5.3%	77,535	0.7%
	2025	25,729	0.4%	2,041	0.0%	12,603	0.4%	48,139	0.8%	815	1.1%	59.0	-0.3%	73,868	0.6%	4,163	5.3%	78,031	0.6%
	2026	25,777	0.2%	2,041	0.0%	12,626	0.2%	48,498	0.7%	824	1.0%	58.9	-0.3%	74,275	0.6%	4,185	5.3%	78,460	0.6%
	2027	25,792	0.1%	2,041	0.0%	12,634	0.1%	48,838	0.7%	832	1.0%	58.7	-0.3%	74,630	0.5%	4,206	5.3%	78,836	0.5%
	2028	25,797	0.0%	2,041	0.0%	12,636	0.0%	49,167	0.7%	840	0.9%	58.6	-0.3%	74,963	0.4%	4,224	5.3%	79,188	0.4%
	2029	25,788	0.0%	2,041	0.0%	12,632	0.0%	49,477	0.6%	847	0.9%	58.4	-0.2%	75,265	0.4%	4,242	5.3%	79,506	0.4%
	2030	25,781	0.0%	2,041	0.0%	12,629	0.0%	49,783	0.6%	854	0.9%	58.3	-0.2%	75,565	0.4%	4,259	5.3%	79,823	0.4%
	2031	25,783	0.0%	2,041	0.0%	12,630	0.0%	50,079	0.6%	861	0.8%	58.1	-0.2%	75,862	0.4%	4,276	5.3%	80,138	0.4%
	2032	25,767	-0.1%	2,041	0.0%	12,622	-0.1%	50,343	0.5%	868	0.7%	58.0	-0.2%	76,110	0.3%	4,290	5.3%	80,399	0.3%
	2033	25,762	0.0%	2,041	0.0%	12,619	0.0%	50,582	0.5%	873	0.7%	57.9	-0.2%	76,343	0.3%	4,303	5.3%	80,646	0.3%
	2034	25,756	0.0%	2,041	0.0%	12,616	0.0%	50,833	0.5%	879	0.7%	57.8	-0.2%	76,588	0.3%	4,317	5.3%	80,905	0.3%
	2035	25,734	-0.1%	2,041	0.0%	12,606	-0.1%	51,090	0.5%	885	0.7%	57.7	-0.2%	76,825	0.3%	4,330	5.3%	81,155	0.3%
	2036	25,695	-0.2%	2,041	0.0%	12,586	-0.2%	51,353	0.5%	892	0.7%	57.6	-0.2%	77,047	0.3%	4,343	5.3%	81,390	0.3%
	2037	25,667	-0.1%	2,041	0.0%	12,573	-0.1%	51,592	0.5%	898	0.6%	57.5	-0.2%	77,259	0.3%	4,355	5.3%	81,614	0.3%
	2038	25,669	0.0%	2,041	0.0%	12,574	0.0%	51,815	0.4%	903	0.6%	57.4	-0.2%	77,484	0.3%	4,368	5.3%	81,852	0.3%
CAGR	2009-2018		-0.2%		0.0%		-0.2%		0.6%		0.4%		0.3%		0.4%		6.8%		-0.6%
	2019-2028		0.1%		0.0%		0.1%		0.8%		1.1%		-0.3%		0.5%		5.3%		0.6%
	2029-2038		-0.1%		0.0%		-0.1%		0.5%		0.7%		-0.2%		0.3%		5.3%		0.3%

CAGR - Compound Average Growth Rate.