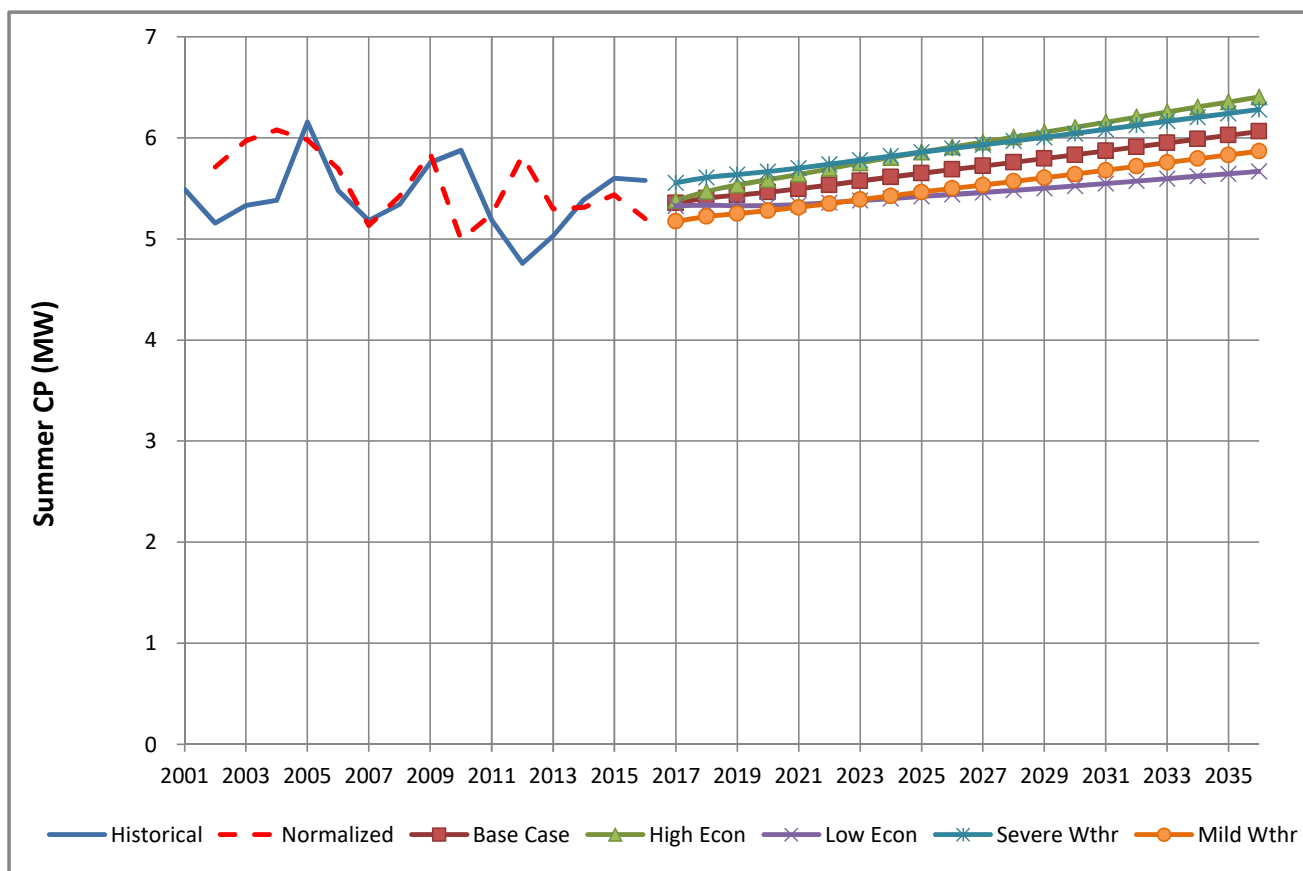
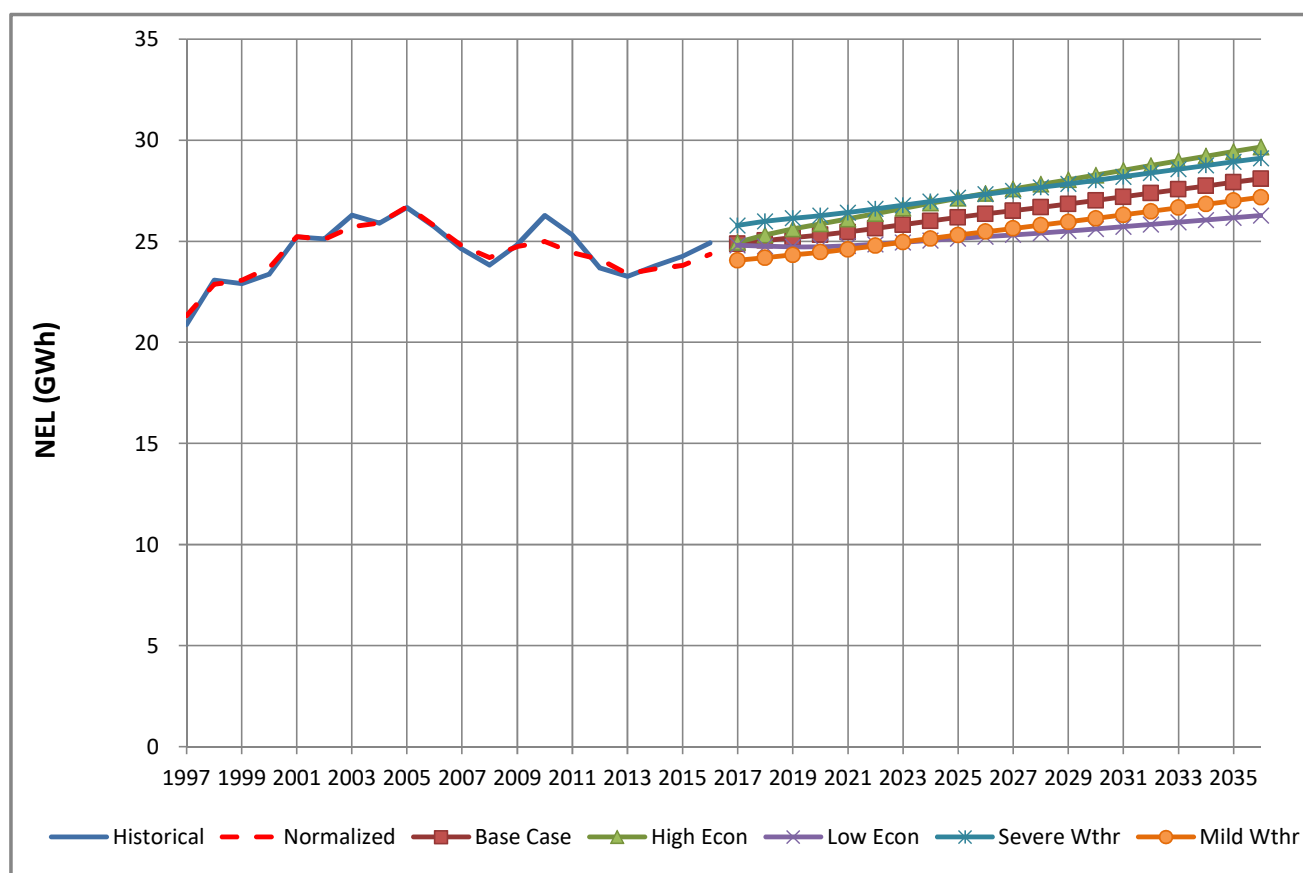


Appendix H
SCENARIO RESULTS BY MEMBER

FMPA 2017 Load Forecast **Bushnell** Historical and Projected NEL and Annual Coincident Peak Demand



FMPA 2017 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)				
		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	2007	24,619	-	24,748	-	0.5%	5.5	-	5.9	-	6.8%	5.2	-	5.1	-	-1.0%
	2008	23,822	-3.2%	24,181	-2.3%	1.5%	5.4	-1.5%	5.8	-1.1%	7.3%	5.3	3.0%	5.4	5.7%	1.5%
	2009	24,837	4.3%	24,722	2.2%	-0.5%	6.7	24.2%	5.9	1.8%	-12.0%	5.8	7.8%	5.8	7.7%	1.5%
	2010	26,279	5.8%	25,000	1.1%	-4.9%	7.9	18.2%	6.4	8.5%	-19.2%	5.9	2.1%	5.0	-14.5%	-15.0%
	2011	25,311	-3.7%	24,521	-1.9%	-3.1%	7.0	-12.1%	7.1	11.0%	2.0%	5.2	-11.8%	5.1	3.0%	-0.8%
	2012	23,675	-6.5%	24,011	-2.1%	1.4%	5.5	-20.8%	5.6	-20.8%	2.1%	4.8	-8.3%	5.8	13.1%	22.3%
	2013	23,262	-1.7%	23,416	-2.5%	0.7%	5.8	4.2%	5.6	-0.9%	-2.8%	5.0	5.8%	5.3	-9.0%	5.3%
	2014	23,792	2.3%	23,642	1.0%	-0.6%	6.3	10.1%	6.8	22.1%	7.7%	5.4	7.1%	5.3	0.3%	-1.4%
	2015	24,259	2.0%	23,806	0.7%	-1.9%	6.7	5.7%	7.2	6.0%	8.0%	5.6	4.0%	5.4	2.3%	-3.0%
	2016	24,927	2.8%	24,351	2.3%	-2.3%	5.7	-15.1%	5.9	-19.0%	3.1%	5.6	-0.4%	5.2	-4.3%	-6.8%
Projected	2017	24,800	-0.5%	24,800	1.8%		6.3	11.2%	6.3	7.9%		5.3	-4.5%	5.3	2.5%	
	2018			24,747	-0.2%				6.3	0.1%				5.3	0.1%	
	2019			24,728	-0.1%				6.3	-0.1%				5.3	-0.1%	
	2020			24,729	0.0%				6.3	0.0%				5.3	0.0%	
	2021			24,763	0.1%				6.3	0.2%				5.3	0.2%	
	2022			24,847	0.3%				6.4	0.4%				5.4	0.4%	
	2023			24,940	0.4%				6.4	0.4%				5.4	0.4%	
	2024			25,034	0.4%				6.4	0.4%				5.4	0.4%	
	2025			25,131	0.4%				6.4	0.4%				5.4	0.4%	
	2026			25,226	0.4%				6.5	0.4%				5.4	0.4%	
	2027			25,314	0.3%				6.5	0.3%				5.5	0.3%	
	2028			25,406	0.4%				6.5	0.4%				5.5	0.4%	
	2029			25,506	0.4%				6.5	0.4%				5.5	0.4%	
	2030			25,604	0.4%				6.5	0.4%				5.5	0.4%	
	2031			25,716	0.4%				6.6	0.4%				5.5	0.4%	
	2032			25,830	0.4%				6.6	0.5%				5.6	0.5%	
	2033			25,946	0.4%				6.6	0.4%				5.6	0.4%	
	2034			26,057	0.4%				6.7	0.4%				5.6	0.4%	
	2035			26,167	0.4%				6.7	0.4%				5.6	0.4%	
	2036			26,277	0.4%				6.7	0.4%				5.7	0.4%	
CAGR ^[3]	2007-2016		0.1%		-0.2%			0.4%		0.0%			0.8%		0.1%	
	2017-2026				0.2%					0.2%					0.2%	
	2027-2036				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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	24,619	-	24,748	-	0.5%	5.7	-	49.4%	5.8	-	48.0%
	2008	23,822	-3.2%	24,181	-2.3%	1.5%	5.4	-4.9%	50.3%	5.7	-2.6%	47.7%
	2009	24,837	4.3%	24,722	2.2%	-0.5%	7.1	31.5%	39.9%	5.8	2.7%	48.5%
	2010	26,279	5.8%	25,000	1.1%	-4.9%	8.0	12.9%	37.4%	6.0	3.0%	49.8%
	2011	25,311	-3.7%	24,521	-1.9%	-3.1%	7.2	-10.9%	40.4%	5.9	-2.1%	49.0%
	2012	23,675	-6.5%	24,011	-2.1%	1.4%	6.3	-12.1%	43.0%	5.6	-5.8%	48.7%
	2013	23,262	-1.7%	23,416	-2.5%	0.7%	5.8	-8.6%	46.2%	5.9	5.5%	45.3%
	2014	23,792	2.3%	23,642	1.0%	-0.6%	6.3	10.1%	42.9%	5.8	-1.5%	47.0%
	2015	24,259	2.0%	23,806	0.7%	-1.9%	6.7	5.7%	41.4%	5.8	0.4%	47.8%
	2016	24,927	2.8%	24,351	2.3%	-2.3%	6.0	-10.6%	47.5%	6.1	4.5%	47.0%
Projected	2017	24,800	-0.5%	24,800	1.8%		6.4	7.6%	44.0%	5.9	-2.7%	48.0%
	2018	24,747	-0.2%	24,747	-0.2%		6.4	0.1%	43.8%	5.9	0.1%	47.9%
	2019	24,728	-0.1%	24,728	-0.1%		6.4	-0.1%	43.8%	5.9	-0.1%	47.9%
	2020	24,729	0.0%	24,729	0.0%		6.4	0.0%	43.8%	5.9	0.0%	47.9%
	2021	24,763	0.1%	24,763	0.1%		6.5	0.2%	43.8%	5.9	0.2%	47.8%
	2022	24,847	0.3%	24,847	0.3%		6.5	0.4%	43.8%	5.9	0.4%	47.8%
	2023	24,940	0.4%	24,940	0.4%		6.5	0.4%	43.8%	6.0	0.4%	47.8%
	2024	25,034	0.4%	25,034	0.4%		6.5	0.4%	43.8%	6.0	0.4%	47.8%
	2025	25,131	0.4%	25,131	0.4%		6.6	0.4%	43.8%	6.0	0.4%	47.8%
	2026	25,226	0.4%	25,226	0.4%		6.6	0.4%	43.8%	6.0	0.4%	47.8%
	2027	25,314	0.3%	25,314	0.3%		6.6	0.3%	43.8%	6.0	0.3%	47.8%
	2028	25,406	0.4%	25,406	0.4%		6.6	0.4%	43.8%	6.1	0.4%	47.8%
	2029	25,506	0.4%	25,506	0.4%		6.7	0.4%	43.8%	6.1	0.4%	47.8%
	2030	25,604	0.4%	25,604	0.4%		6.7	0.4%	43.8%	6.1	0.4%	47.8%
	2031	25,716	0.4%	25,716	0.4%		6.7	0.4%	43.8%	6.1	0.4%	47.8%
	2032	25,830	0.4%	25,830	0.4%		6.7	0.5%	43.8%	6.2	0.5%	47.8%
	2033	25,946	0.4%	25,946	0.4%		6.8	0.4%	43.8%	6.2	0.4%	47.8%
	2034	26,057	0.4%	26,057	0.4%		6.8	0.4%	43.8%	6.2	0.4%	47.8%
	2035	26,167	0.4%	26,167	0.4%		6.8	0.4%	43.8%	6.2	0.4%	47.8%
	2036	26,277	0.4%	26,277	0.4%		6.9	0.4%	43.8%	6.3	0.4%	47.8%
CAGR ^[1]	2007-2016		0.1%		-0.2%			0.6%	43.8%		0.4%	47.9%
	2017-2026		0.2%		0.2%			0.2%	43.8%		0.2%	47.9%
	2027-2036		0.4%		0.4%			0.4%	43.8%		0.4%	47.8%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Low Economic Case
Bushnell
Monthly Net Energy for Load (MWh)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2007	1,920	1,870	1,862	1,841	2,115	2,195	2,298	2,593	2,282	2,122	1,633	1,717	24,449	24,619
	2008	1,868	1,668	1,723	1,746	2,121	2,194	2,256	2,397	2,378	1,971	1,743	1,763	23,828	23,822
	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	2,098	1,778	1,903	25,145	24,927
Projected	2017	2,126	1,819	1,869	1,797	2,071	2,248	2,382	2,454	2,258	2,032	1,782	1,884	24,720	24,800
	2018	2,130	1,823	1,872	1,800	2,074	2,250	2,384	2,456	2,259	2,033	1,783	1,884	24,748	24,747
	2019	2,127	1,820	1,871	1,799	2,073	2,248	2,381	2,453	2,257	2,032	1,783	1,883	24,726	24,728
	2020	2,125	1,819	1,871	1,800	2,074	2,249	2,382	2,454	2,259	2,034	1,784	1,884	24,733	24,729
	2021	2,124	1,820	1,874	1,803	2,078	2,253	2,386	2,459	2,265	2,040	1,790	1,890	24,782	24,763
	2022	2,130	1,825	1,880	1,810	2,085	2,261	2,395	2,468	2,273	2,048	1,797	1,897	24,869	24,847
	2023	2,137	1,832	1,887	1,817	2,093	2,270	2,403	2,477	2,282	2,056	1,804	1,905	24,962	24,940
	2024	2,144	1,838	1,895	1,825	2,102	2,278	2,413	2,486	2,291	2,064	1,811	1,912	25,057	25,034
	2025	2,151	1,845	1,902	1,832	2,110	2,287	2,422	2,496	2,300	2,072	1,819	1,919	25,154	25,131
Projected	2026	2,159	1,851	1,909	1,839	2,118	2,296	2,430	2,505	2,308	2,080	1,825	1,926	25,247	25,226
	2027	2,165	1,857	1,916	1,846	2,126	2,304	2,439	2,513	2,316	2,087	1,832	1,933	25,335	25,314
	2028	2,171	1,863	1,923	1,854	2,134	2,312	2,448	2,523	2,325	2,096	1,840	1,941	25,431	25,406
	2029	2,179	1,870	1,931	1,861	2,143	2,321	2,457	2,532	2,334	2,104	1,847	1,948	25,528	25,506
	2030	2,186	1,877	1,938	1,869	2,152	2,331	2,467	2,543	2,344	2,113	1,855	1,956	25,630	25,604
	2031	2,195	1,884	1,947	1,878	2,161	2,341	2,477	2,554	2,355	2,122	1,863	1,965	25,742	25,716
	2032	2,204	1,892	1,956	1,886	2,171	2,351	2,488	2,565	2,365	2,132	1,872	1,974	25,858	25,830
	2033	2,213	1,901	1,965	1,895	2,181	2,362	2,499	2,576	2,376	2,142	1,881	1,982	25,972	25,946
	2034	2,222	1,908	1,973	1,903	2,191	2,372	2,510	2,587	2,386	2,151	1,889	1,991	26,083	26,057
Projected	2035	2,231	1,916	1,982	1,912	2,200	2,382	2,520	2,598	2,396	2,160	1,897	1,999	26,193	26,167
	2036	2,239	1,924	1,990	1,920	2,210	2,392	2,531	2,609	2,406	2,170	1,905	2,008	26,304	26,277

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2007	7.9%	7.7%	7.6%	7.5%	8.7%	9.0%	9.4%	10.6%	9.3%	8.7%	6.7%	7.0%	100.0%
	2008	7.8%	7.0%	7.2%	7.3%	8.9%	9.2%	9.5%	10.1%	10.0%	8.3%	7.3%	7.4%	100.0%
	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	7.7%	7.1%	7.1%	7.2%	8.5%	9.4%	10.4%	10.1%	9.4%	8.3%	7.1%	7.6%	100.0%
Projected	2017	8.6%	7.4%	7.6%	7.3%	8.4%	9.1%	9.6%	9.9%	9.1%	8.2%	7.2%	7.6%	100.0%
	2018	8.6%	7.4%	7.6%	7.3%	8.4%	9.1%	9.6%	9.9%	9.1%	8.2%	7.2%	7.6%	100.0%
	2019	8.6%	7.4%	7.6%	7.3%	8.4%	9.1%	9.6%	9.9%	9.1%	8.2%	7.2%	7.6%	100.0%
	2020	8.6%	7.4%	7.6%	7.3%	8.4%	9.1%	9.6%	9.9%	9.1%	8.2%	7.2%	7.6%	100.0%
	2021	8.6%	7.3%	7.6%	7.3%	8.4%	9.1%	9.6%	9.9%	9.1%	8.2%	7.2%	7.6%	100.0%
	2022	8.6%	7.3%	7.6%	7.3%	8.4%	9.1%	9.6%	9.9%	9.1%	8.2%	7.2%	7.6%	100.0%
	2023	8.6%	7.3%	7.6%	7.3%	8.4%	9.1%	9.6%	9.9%	9.1%	8.2%	7.2%	7.6%	100.0%
	2024	8.6%	7.3%	7.6%	7.3%	8.4%	9.1%	9.6%	9.9%	9.1%	8.2%	7.2%	7.6%	100.0%
	2025	8.6%	7.3%	7.6%	7.3%	8.4%	9.1%	9.6%	9.9%	9.1%	8.2%	7.2%	7.6%	100.0%
Avg.	2007-2016	8.2%	7.3%	7.4%	7.5%	8.8%	9.1%	9.5%	10.2%	9.4%	8.2%	6.9%	7.6%	100.0%
	2017-2026	8.6%	7.3%	7.6%	7.3%	8.4%	9.1%	9.6%	9.9%	9.1%	8.2%	7.2%	7.6%	100.0%

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

FMPA 2017 Load Forecast - Low Economic Case

Bushnell

Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	5.7	5.5	4.7	4.5	5.1	5.1	5.4	5.8	5.5	5.5	3.9	4.5	5.7	5.8
	2008	5.4	5.1	4.0	4.5	5.1	5.5	5.4	5.5	5.7	4.9	4.9	5.3	5.4	5.7
	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	5.2	4.0	4.9	6.0	6.1
Projected	2017	6.4	5.8	4.4	4.7	5.2	5.6	5.4	5.9	5.7	5.1	4.0	4.9	6.4	5.9
	2018	6.4	5.8	4.4	4.7	5.2	5.6	5.4	5.9	5.7	5.1	4.0	4.9	6.4	5.9
	2019	6.4	5.8	4.4	4.7	5.2	5.6	5.4	5.9	5.7	5.1	4.0	4.9	6.4	5.9
	2020	6.4	5.8	4.4	4.7	5.2	5.6	5.4	5.9	5.7	5.1	4.1	4.9	6.4	5.9
	2021	6.5	5.8	4.4	4.7	5.2	5.6	5.5	5.9	5.7	5.1	4.1	4.9	6.5	5.9
	2022	6.5	5.8	4.4	4.7	5.3	5.6	5.5	5.9	5.7	5.1	4.1	5.0	6.5	5.9
	2023	6.5	5.8	4.4	4.7	5.3	5.6	5.5	6.0	5.8	5.2	4.1	5.0	6.5	6.0
	2024	6.5	5.9	4.4	4.7	5.3	5.7	5.5	6.0	5.8	5.2	4.1	5.0	6.5	6.0
	2025	6.6	5.9	4.4	4.7	5.3	5.7	5.5	6.0	5.8	5.2	4.1	5.0	6.6	6.0
	2026	6.6	5.9	4.5	4.8	5.3	5.7	5.6	6.0	5.8	5.2	4.1	5.0	6.6	6.0
Projected	2027	6.6	5.9	4.5	4.8	5.4	5.7	5.6	6.0	5.8	5.2	4.2	5.0	6.6	6.0
	2028	6.6	6.0	4.5	4.8	5.4	5.8	5.6	6.1	5.9	5.3	4.2	5.1	6.6	6.1
	2029	6.7	6.0	4.5	4.8	5.4	5.8	5.6	6.1	5.9	5.3	4.2	5.1	6.7	6.1
	2030	6.7	6.0	4.5	4.8	5.4	5.8	5.6	6.1	5.9	5.3	4.2	5.1	6.7	6.1
	2031	6.7	6.0	4.5	4.9	5.4	5.8	5.7	6.1	5.9	5.3	4.2	5.1	6.7	6.1
	2032	6.7	6.1	4.6	4.9	5.5	5.8	5.7	6.2	6.0	5.3	4.3	5.2	6.7	6.2
	2033	6.8	6.1	4.6	4.9	5.5	5.9	5.7	6.2	6.0	5.4	4.3	5.2	6.8	6.2
	2034	6.8	6.1	4.6	4.9	5.5	5.9	5.7	6.2	6.0	5.4	4.3	5.2	6.8	6.2
	2035	6.8	6.1	4.6	4.9	5.5	5.9	5.8	6.2	6.0	5.4	4.3	5.2	6.8	6.2
	2036	6.9	6.2	4.6	5.0	5.6	5.9	5.8	6.3	6.1	5.4	4.3	5.2	6.9	6.3

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	45.4%	50.7%	53.3%	55.0%	62.3%	57.9%	59.5%	59.6%	57.8%	51.7%	56.3%	52.6%	49.1%	47.7%
	2008	46.4%	47.2%	57.8%	52.1%	62.5%	54.0%	57.9%	58.6%	58.0%	53.8%	47.3%	46.4%	50.3%	47.7%
	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%	53.7%	59.1%	53.9%	48.0%	47.4%
Projected	2017	44.4%	46.8%	57.6%	51.8%	59.0%	54.0%	60.8%	56.0%	55.0%	53.5%	59.2%	53.3%	43.8%	47.9%
	2018	44.4%	46.8%	57.7%	51.8%	59.0%	54.1%	60.8%	55.9%	55.0%	53.5%	59.2%	53.3%	43.8%	47.9%
	2019	44.4%	46.8%	57.7%	51.8%	59.0%	54.0%	60.8%	55.9%	55.0%	53.5%	59.2%	53.3%	43.8%	47.9%
	2020	44.3%	45.2%	57.7%	51.8%	59.0%	54.0%	60.8%	55.9%	55.0%	53.5%	59.1%	53.2%	43.8%	47.9%
	2021	44.2%	46.7%	57.6%	51.8%	59.0%	54.0%	60.8%	55.9%	55.1%	53.6%	59.1%	53.2%	43.8%	47.9%
	2022	44.2%	46.7%	57.6%	51.8%	59.0%	54.0%	60.8%	55.9%	55.1%	53.6%	59.1%	53.2%	43.8%	47.9%
	2023	44.2%	46.7%	57.6%	51.8%	59.0%	54.0%	60.8%	55.9%	55.1%	53.6%	59.1%	53.2%	43.8%	47.9%
	2024	44.1%	45.0%	57.6%	51.9%	59.0%	54.0%	60.8%	55.9%	55.1%	53.6%	59.1%	53.2%	43.8%	47.9%
	2025	44.1%	46.6%	57.6%	51.9%	59.0%	54.0%	60.8%	55.9%	55.1%	53.6%	59.2%	53.2%	43.8%	47.9%
	2026	44.1%	46.6%	57.6%	51.9%	59.0%	54.1%	60.8%	55.9%	55.1%	53.6%	59.2%	53.2%	43.8%	47.9%
Avg.	2007-2016	44.7%	44.9%	53.0%	52.9%	61.0%	55.3%	60.5%	57.7%	57.0%	52.7%	52.6%	54.4%	43.9%	47.9%
	2017-2026	44.2%	46.4%	57.6%	51.8%	59.0%	54.0%	60.8%	55.9%	55.0%	53.5%	59.2%	53.3%	43.8%	47.9%

FMPA 2017 Load Forecast - Low Economic Case
Bushnell
Monthly Coincident-Peak Demand with ARP (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	5.6	5.5	3.6	4.2	4.3	4.2	5.4	5.2	5.3	5.2	3.7	3.0	5.5	5.2
	2008	5.4	5.0	3.5	3.8	4.2	4.9	5.3	5.3	5.3	4.6	4.2	5.3	5.4	5.3
	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	5.1	3.9	4.1	5.7	5.6
Projected	2017	6.3	5.8	3.9	4.4	4.8	5.3	5.1	5.3	5.4	5.0	3.9	4.1	6.3	5.3
	2018	6.3	5.8	3.9	4.4	4.8	5.3	5.1	5.3	5.4	5.0	3.9	4.1	6.3	5.3
	2019	6.3	5.8	3.9	4.4	4.8	5.3	5.1	5.3	5.4	5.0	3.9	4.1	6.3	5.3
	2020	6.3	5.8	3.9	4.4	4.8	5.3	5.1	5.3	5.4	5.0	3.9	4.1	6.3	5.3
	2021	6.3	5.8	3.9	4.4	4.8	5.3	5.1	5.3	5.4	5.0	4.0	4.1	6.3	5.3
	2022	6.4	5.8	3.9	4.4	4.8	5.3	5.1	5.4	5.4	5.0	4.0	4.1	6.4	5.4
	2023	6.4	5.8	3.9	4.4	4.8	5.3	5.2	5.4	5.4	5.0	4.0	4.1	6.4	5.4
	2024	6.4	5.9	4.0	4.5	4.8	5.4	5.2	5.4	5.4	5.0	4.0	4.1	6.4	5.4
	2025	6.4	5.9	4.0	4.5	4.9	5.4	5.2	5.4	5.4	5.1	4.0	4.1	6.4	5.4
Projected	2026	6.5	5.9	4.0	4.5	4.9	5.4	5.2	5.4	5.5	5.1	4.0	4.2	6.5	5.4
	2027	6.5	5.9	4.0	4.5	4.9	5.4	5.2	5.5	5.5	5.1	4.0	4.2	6.5	5.5
	2028	6.5	6.0	4.0	4.5	4.9	5.4	5.2	5.5	5.5	5.1	4.1	4.2	6.5	5.5
	2029	6.5	6.0	4.0	4.5	4.9	5.5	5.3	5.5	5.5	5.1	4.1	4.2	6.5	5.5
	2030	6.5	6.0	4.0	4.6	5.0	5.5	5.3	5.5	5.6	5.2	4.1	4.2	6.5	5.5
	2031	6.6	6.0	4.1	4.6	5.0	5.5	5.3	5.5	5.6	5.2	4.1	4.2	6.6	5.5
	2032	6.6	6.1	4.1	4.6	5.0	5.5	5.3	5.6	5.6	5.2	4.1	4.3	6.6	5.6
	2033	6.6	6.1	4.1	4.6	5.0	5.6	5.4	5.6	5.6	5.2	4.2	4.3	6.6	5.6
	2034	6.7	6.1	4.1	4.6	5.0	5.6	5.4	5.6	5.6	5.3	4.2	4.3	6.7	5.6
Projected	2035	6.7	6.1	4.1	4.7	5.1	5.6	5.4	5.6	5.7	5.3	4.2	4.3	6.7	5.6
	2036	6.7	6.2	4.1	4.7	5.1	5.6	5.4	5.7	5.7	5.3	4.2	4.3	6.7	5.7

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	99.3%	100.0%	76.3%	93.3%	85.4%	82.8%	100.0%	88.6%	96.2%	95.0%	95.0%	65.8%	96.6%	88.6%
	2008	100.0%	99.0%	88.3%	84.1%	83.7%	89.7%	97.5%	97.2%	92.2%	93.8%	85.4%	100.0%	100.0%	93.8%
	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%	97.5%	97.3%	82.7%	94.9%	92.1%
Projected	2017	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2018	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2019	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2020	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2021	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2022	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2023	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2024	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2025	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
Projected	2026	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2007-2016	98.2%	99.0%	88.7%	92.0%	89.1%	94.3%	95.3%	91.1%	94.7%	94.4%	89.3%	85.4%	97.0%	92.0%
	2017-2026	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%

FMPA 2017 Load Forecast - Low Economic Case - Bushnell

Historical and Projected - Energy Sales by Customer Class (Fiscal Year 2007-2036)

		Residential						General Service						TOTAL SALES		DISTR.	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	LOSSES	(MWh)	% Chg
																	(MWh)		
Historical	2007	8,696		756		11,498		14,901		291		51.3		23,597		1,022	24,619		
	2008	8,428	-3.1%	749	-1.0%	11,260	-2.1%	14,453	-3.0%	285	-1.9%	50.7	-1.1%	22,881	-3.0%	941	23,822	-3.2%	
	2009	8,512	1.0%	743	-0.7%	11,454	1.7%	14,810	2.5%	283	-0.8%	52.4	3.3%	23,322	1.9%	1,515	24,837	4.3%	
	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	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	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	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	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	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	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	24,927	2.8%	
Projected	2017	8,772	1.4%	765	1.3%	11,467	0.2%	15,055	-2.1%	285	1.6%	52.8	-3.6%	23,828	-0.8%	973	24,800	-0.5%	
	2018	8,768	0.0%	767	0.3%	11,432	-0.3%	15,005	-0.3%	286	0.4%	52.4	-0.7%	23,773	-0.2%	974	24,747	-0.2%	
	2019	8,674	-1.1%	769	0.2%	11,287	-1.3%	15,081	0.5%	288	0.5%	52.4	0.0%	23,755	-0.1%	973	24,728	-0.1%	
	2020	8,587	-1.0%	771	0.3%	11,143	-1.3%	15,169	0.6%	289	0.5%	52.5	0.1%	23,756	0.0%	973	24,729	0.0%	
	2021	8,527	-0.7%	773	0.3%	11,036	-1.0%	15,262	0.6%	290	0.4%	52.6	0.2%	23,789	0.1%	974	24,763	0.1%	
	2022	8,512	-0.2%	774	0.2%	10,991	-0.4%	15,358	0.6%	291	0.4%	52.7	0.2%	23,870	0.3%	978	24,847	0.3%	
	2023	8,502	-0.1%	776	0.2%	10,952	-0.4%	15,457	0.6%	293	0.4%	52.8	0.3%	23,959	0.4%	981	24,940	0.4%	
	2024	8,492	-0.1%	778	0.2%	10,913	-0.4%	15,557	0.6%	294	0.4%	53.0	0.3%	24,049	0.4%	985	25,034	0.4%	
	2025	8,484	-0.1%	780	0.2%	10,878	-0.3%	15,658	0.6%	295	0.4%	53.1	0.3%	24,142	0.4%	989	25,131	0.4%	
	2026	8,474	-0.1%	782	0.2%	10,841	-0.3%	15,759	0.6%	296	0.3%	53.3	0.3%	24,233	0.4%	992	25,226	0.4%	
	2027	8,457	-0.2%	783	0.2%	10,794	-0.4%	15,862	0.6%	297	0.3%	53.5	0.3%	24,318	0.3%	996	25,314	0.3%	
	2028	8,442	-0.2%	785	0.2%	10,752	-0.4%	15,965	0.6%	298	0.3%	53.7	0.3%	24,407	0.4%	999	25,406	0.4%	
	2029	8,434	-0.1%	787	0.2%	10,718	-0.3%	16,068	0.6%	298	0.3%	53.8	0.3%	24,502	0.4%	1,003	25,506	0.4%	
	2030	8,425	-0.1%	789	0.2%	10,683	-0.3%	16,172	0.6%	299	0.3%	54.0	0.4%	24,597	0.4%	1,007	25,604	0.4%	
	2031	8,430	0.1%	790	0.2%	10,667	-0.2%	16,274	0.6%	300	0.3%	54.2	0.4%	24,704	0.4%	1,012	25,716	0.4%	
	2032	8,439	0.1%	792	0.2%	10,655	-0.1%	16,376	0.6%	301	0.3%	54.4	0.4%	24,814	0.4%	1,016	25,830	0.4%	
	2033	8,448	0.1%	794	0.2%	10,645	-0.1%	16,477	0.6%	302	0.3%	54.6	0.4%	24,926	0.4%	1,021	25,946	0.4%	
	2034	8,452	0.0%	795	0.2%	10,628	-0.2%	16,580	0.6%	302	0.3%	54.8	0.4%	25,032	0.4%	1,025	26,057	0.4%	
	2035	8,455	0.0%	797	0.2%	10,609	-0.2%	16,683	0.6%	303	0.3%	55.0	0.4%	25,138	0.4%	1,029	26,167	0.4%	
	2036	8,455	0.0%	799	0.2%	10,587	-0.2%	16,789	0.6%	304	0.2%	55.2	0.4%	25,243	0.4%	1,033	26,277	0.4%	
CAGR	2007-2016		-0.1%		0.0%		0.0%		0.3%		-0.4%		0.7%		0.2%			0.1%	
	2017-2026		-0.4%		0.2%		-0.6%		0.5%		0.4%		0.1%		0.2%			0.2%	
	2027-2036		0.0%		0.2%		-0.2%		0.6%		0.3%		0.4%		0.4%			0.4%	

CAGR - Compound Average Growth Rate

FMPA 2017 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)				
		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	2007	24,619	-	24,748	-	0.5%	5.5	-	5.9	-	6.8%	5.2	-	5.1	-	-1.0%
	2008	23,822	-3.2%	24,181	-2.3%	1.5%	5.4	-1.5%	5.8	-1.1%	7.3%	5.3	3.0%	5.4	5.7%	1.5%
	2009	24,837	4.3%	24,722	2.2%	-0.5%	6.7	24.2%	5.9	1.8%	-12.0%	5.8	7.8%	5.8	7.7%	1.5%
	2010	26,279	5.8%	25,000	1.1%	-4.9%	7.9	18.2%	6.4	8.5%	-19.2%	5.9	2.1%	5.0	-14.5%	-15.0%
	2011	25,311	-3.7%	24,521	-1.9%	-3.1%	7.0	-12.1%	7.1	11.0%	2.0%	5.2	-11.8%	5.1	3.0%	-0.8%
	2012	23,675	-6.5%	24,011	-2.1%	1.4%	5.5	-20.8%	5.6	-20.8%	2.1%	4.8	-8.3%	5.8	13.1%	22.3%
	2013	23,262	-1.7%	23,416	-2.5%	0.7%	5.8	4.2%	5.6	-0.9%	-2.8%	5.0	5.8%	5.3	-9.0%	5.3%
	2014	23,792	2.3%	23,642	1.0%	-0.6%	6.3	10.1%	6.8	22.1%	7.7%	5.4	7.1%	5.3	0.3%	-1.4%
	2015	24,259	2.0%	23,806	0.7%	-1.9%	6.7	5.7%	7.2	6.0%	8.0%	5.6	4.0%	5.4	2.3%	-3.0%
	2016	24,927	2.8%	24,351	2.3%	-2.3%	5.7	-15.1%	5.9	-19.0%	3.1%	5.6	-0.4%	5.2	-4.3%	-6.8%
Projected	2017	24,946	0.1%	24,946	2.4%		6.4	12.3%	6.4	8.9%		5.4	-3.6%	5.4	3.5%	
	2018			25,304	1.4%				6.5	1.7%				5.5	1.7%	
	2019			25,614	1.2%				6.6	1.2%				5.5	1.2%	
	2020			25,866	1.0%				6.6	0.9%				5.6	0.9%	
	2021			26,103	0.9%				6.7	0.9%				5.6	0.9%	
	2022			26,370	1.0%				6.8	1.0%				5.7	1.0%	
	2023			26,631	1.0%				6.8	1.0%				5.8	1.0%	
	2024			26,883	0.9%				6.9	0.9%				5.8	0.9%	
	2025			27,128	0.9%				6.9	0.9%				5.9	0.9%	
	2026			27,366	0.9%				7.0	0.9%				5.9	0.9%	
	2027			27,591	0.8%				7.1	0.8%				6.0	0.8%	
	2028			27,816	0.8%				7.1	0.8%				6.0	0.8%	
	2029			28,044	0.8%				7.2	0.8%				6.1	0.8%	
	2030			28,268	0.8%				7.2	0.8%				6.1	0.8%	
	2031			28,506	0.8%				7.3	0.8%				6.2	0.8%	
	2032			28,742	0.8%				7.4	0.8%				6.2	0.8%	
	2033			28,980	0.8%				7.4	0.8%				6.3	0.8%	
	2034			29,208	0.8%				7.5	0.8%				6.3	0.8%	
	2035			29,436	0.8%				7.5	0.8%				6.4	0.8%	
	2036			29,661	0.8%				7.6	0.8%				6.4	0.8%	
CAGR ^[3]	2007-2016		0.1%		-0.2%			0.4%		0.0%			0.8%		0.1%	
	2017-2026				1.0%					1.0%					1.0%	
	2027-2036				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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	24,619	-	24,748	-	0.5%	5.7	-	49.4%	5.8	-	48.0%
	2008	23,822	-3.2%	24,181	-2.3%	1.5%	5.4	-4.9%	50.3%	5.7	-2.6%	47.7%
	2009	24,837	4.3%	24,722	2.2%	-0.5%	7.1	31.5%	39.9%	5.8	2.7%	48.5%
	2010	26,279	5.8%	25,000	1.1%	-4.9%	8.0	12.9%	37.4%	6.0	3.0%	49.8%
	2011	25,311	-3.7%	24,521	-1.9%	-3.1%	7.2	-10.9%	40.4%	5.9	-2.1%	49.0%
	2012	23,675	-6.5%	24,011	-2.1%	1.4%	6.3	-12.1%	43.0%	5.6	-5.8%	48.7%
	2013	23,262	-1.7%	23,416	-2.5%	0.7%	5.8	-8.6%	46.2%	5.9	5.5%	45.3%
	2014	23,792	2.3%	23,642	1.0%	-0.6%	6.3	10.1%	42.9%	5.8	-1.5%	47.0%
	2015	24,259	2.0%	23,806	0.7%	-1.9%	6.7	5.7%	41.4%	5.8	0.4%	47.8%
	2016	24,927	2.8%	24,351	2.3%	-2.3%	6.0	-10.6%	47.5%	6.1	4.5%	47.0%
Projected	2017	24,946	0.1%	24,946	2.4%		6.5	8.7%	43.8%	6.0	-1.7%	47.8%
	2018	25,304	1.4%	25,304	1.4%		6.6	1.7%	43.7%	6.1	1.7%	47.7%
	2019	25,614	1.2%	25,614	1.2%		6.7	1.2%	43.7%	6.1	1.2%	47.8%
	2020	25,866	1.0%	25,866	1.0%		6.8	0.9%	43.7%	6.2	0.9%	47.8%
	2021	26,103	0.9%	26,103	0.9%		6.8	0.9%	43.7%	6.2	0.9%	47.8%
	2022	26,370	1.0%	26,370	1.0%		6.9	1.0%	43.7%	6.3	1.0%	47.8%
	2023	26,631	1.0%	26,631	1.0%		7.0	1.0%	43.7%	6.4	1.0%	47.8%
	2024	26,883	0.9%	26,883	0.9%		7.0	0.9%	43.7%	6.4	0.9%	47.8%
	2025	27,128	0.9%	27,128	0.9%		7.1	0.9%	43.7%	6.5	0.9%	47.8%
	2026	27,366	0.9%	27,366	0.9%		7.1	0.9%	43.7%	6.5	0.9%	47.8%
	2027	27,591	0.8%	27,591	0.8%		7.2	0.8%	43.7%	6.6	0.8%	47.8%
	2028	27,816	0.8%	27,816	0.8%		7.3	0.8%	43.7%	6.6	0.8%	47.8%
	2029	28,044	0.8%	28,044	0.8%		7.3	0.8%	43.7%	6.7	0.8%	47.8%
	2030	28,268	0.8%	28,268	0.8%		7.4	0.8%	43.7%	6.8	0.8%	47.8%
	2031	28,506	0.8%	28,506	0.8%		7.4	0.8%	43.7%	6.8	0.8%	47.8%
	2032	28,742	0.8%	28,742	0.8%		7.5	0.8%	43.7%	6.9	0.8%	47.8%
	2033	28,980	0.8%	28,980	0.8%		7.6	0.8%	43.7%	6.9	0.8%	47.8%
	2034	29,208	0.8%	29,208	0.8%		7.6	0.8%	43.7%	7.0	0.8%	47.8%
	2035	29,436	0.8%	29,436	0.8%		7.7	0.8%	43.7%	7.0	0.8%	47.8%
	2036	29,661	0.8%	29,661	0.8%		7.7	0.8%	43.7%	7.1	0.8%	47.8%
CAGR ^[1]	2007-2016		0.1%		-0.2%			0.6%	43.8%		0.4%	47.9%
	2017-2026		1.0%		1.0%			1.0%	43.7%		1.0%	47.8%
	2027-2036		0.8%		0.8%			0.8%	43.7%		0.8%	47.8%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - High Economic Case
Bushnell
Monthly Net Energy for Load (MWh)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2007	1,920	1,870	1,862	1,841	2,115	2,195	2,298	2,593	2,282	2,122	1,633	1,717	24,449	24,619
	2008	1,868	1,668	1,723	1,746	2,121	2,194	2,256	2,397	2,378	1,971	1,743	1,763	23,828	23,822
	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	2,098	1,778	1,903	25,145	24,927
Projected	2017	2,128	1,824	1,877	1,807	2,086	2,267	2,406	2,483	2,288	2,063	1,813	1,919	24,962	24,946
	2018	2,171	1,860	1,913	1,841	2,124	2,307	2,447	2,523	2,323	2,094	1,838	1,944	25,385	25,304
	2019	2,198	1,883	1,937	1,864	2,149	2,334	2,474	2,551	2,349	2,116	1,858	1,965	25,678	25,614
	2020	2,219	1,901	1,956	1,882	2,170	2,356	2,497	2,574	2,371	2,136	1,875	1,982	25,919	25,866
	2021	2,237	1,917	1,974	1,900	2,191	2,378	2,521	2,599	2,394	2,157	1,894	2,002	26,165	26,103
	2022	2,259	1,937	1,994	1,920	2,214	2,402	2,546	2,625	2,419	2,179	1,913	2,022	26,431	26,370
	2023	2,282	1,956	2,014	1,939	2,236	2,426	2,571	2,651	2,442	2,201	1,932	2,042	26,690	26,631
	2024	2,302	1,974	2,033	1,958	2,257	2,449	2,595	2,675	2,465	2,221	1,950	2,060	26,940	26,883
	2025	2,323	1,992	2,052	1,976	2,278	2,471	2,618	2,699	2,487	2,241	1,968	2,079	27,184	27,128
	2026	2,343	2,009	2,070	1,994	2,298	2,492	2,641	2,722	2,509	2,261	1,985	2,096	27,419	27,366
Projected	2027	2,361	2,025	2,087	2,011	2,317	2,513	2,662	2,744	2,529	2,279	2,001	2,113	27,643	27,591
	2028	2,379	2,041	2,105	2,028	2,336	2,534	2,684	2,767	2,550	2,298	2,018	2,131	27,870	27,816
	2029	2,398	2,057	2,122	2,045	2,356	2,554	2,705	2,789	2,570	2,317	2,034	2,147	28,094	28,044
	2030	2,416	2,073	2,139	2,061	2,375	2,575	2,727	2,812	2,592	2,336	2,052	2,166	28,323	28,268
	2031	2,436	2,090	2,157	2,079	2,395	2,596	2,750	2,835	2,614	2,356	2,069	2,183	28,560	28,506
	2032	2,455	2,107	2,175	2,097	2,415	2,618	2,773	2,859	2,636	2,376	2,086	2,202	28,799	28,742
	2033	2,475	2,125	2,193	2,114	2,435	2,640	2,795	2,882	2,657	2,395	2,103	2,219	29,033	28,980
	2034	2,494	2,141	2,211	2,131	2,455	2,660	2,817	2,904	2,678	2,414	2,120	2,237	29,262	29,208
	2035	2,513	2,157	2,228	2,148	2,474	2,681	2,839	2,927	2,699	2,433	2,136	2,254	29,488	29,436
	2036	2,531	2,173	2,245	2,165	2,493	2,702	2,860	2,949	2,720	2,452	2,153	2,271	29,715	29,661

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2007	7.9%	7.7%	7.6%	7.5%	8.7%	9.0%	9.4%	10.6%	9.3%	8.7%	6.7%	7.0%	100.0%
	2008	7.8%	7.0%	7.2%	7.3%	8.9%	9.2%	9.5%	10.1%	10.0%	8.3%	7.3%	7.4%	100.0%
	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	7.7%	7.1%	7.1%	7.2%	8.5%	9.4%	10.4%	10.1%	9.4%	8.3%	7.1%	7.6%	100.0%
Projected	2017	8.5%	7.3%	7.5%	7.2%	8.4%	9.1%	9.6%	9.9%	9.2%	8.3%	7.3%	7.7%	100.0%
	2018	8.6%	7.3%	7.5%	7.3%	8.4%	9.1%	9.6%	9.9%	9.2%	8.2%	7.2%	7.7%	100.0%
	2019	8.6%	7.3%	7.5%	7.3%	8.4%	9.1%	9.6%	9.9%	9.1%	8.2%	7.2%	7.7%	100.0%
	2020	8.6%	7.3%	7.5%	7.3%	8.4%	9.1%	9.6%	9.9%	9.1%	8.2%	7.2%	7.6%	100.0%
	2021	8.6%	7.3%	7.5%	7.3%	8.4%	9.1%	9.6%	9.9%	9.2%	8.2%	7.2%	7.7%	100.0%
	2022	8.5%	7.3%	7.5%	7.3%	8.4%	9.1%	9.6%	9.9%	9.2%	8.2%	7.2%	7.7%	100.0%
	2023	8.5%	7.3%	7.5%	7.3%	8.4%	9.1%	9.6%	9.9%	9.1%	8.2%	7.2%	7.6%	100.0%
	2024	8.5%	7.3%	7.5%	7.3%	8.4%	9.1%	9.6%	9.9%	9.1%	8.2%	7.2%	7.6%	100.0%
	2025	8.5%	7.3%	7.5%	7.3%	8.4%	9.1%	9.6%	9.9%	9.1%	8.2%	7.2%	7.6%	100.0%
	2026	8.5%	7.3%	7.6%	7.3%	8.4%	9.1%	9.6%	9.9%	9.1%	8.2%	7.2%	7.6%	100.0%
Avg.	2007-2016	8.2%	7.3%	7.4%	7.5%	8.8%	9.1%	9.5%	10.2%	9.4%	8.2%	6.9%	7.6%	100.0%
	2017-2026	8.5%	7.3%	7.5%	7.3%	8.4%	9.1%	9.6%	9.9%	9.2%	8.2%	7.2%	7.7%	100.0%

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

FMPA 2017 Load Forecast - High Economic Case

Bushnell

Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	5.7	5.5	4.7	4.5	5.1	5.1	5.4	5.8	5.5	5.5	3.9	4.5	5.7	5.8
	2008	5.4	5.1	4.0	4.5	5.1	5.5	5.4	5.5	5.7	4.9	4.9	5.3	5.4	5.7
	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	5.2	4.1	5.0	6.0	6.1
Projected	2017	6.5	5.8	4.4	4.7	5.3	5.6	5.5	6.0	5.8	5.2	4.2	5.0	6.5	6.0
	2018	6.6	5.9	4.5	4.8	5.4	5.7	5.6	6.1	5.9	5.2	4.2	5.1	6.6	6.1
	2019	6.7	6.0	4.5	4.8	5.4	5.8	5.6	6.1	5.9	5.3	4.2	5.1	6.7	6.1
	2020	6.8	6.1	4.6	4.9	5.5	5.9	5.7	6.2	6.0	5.4	4.3	5.2	6.8	6.2
	2021	6.8	6.1	4.6	4.9	5.5	5.9	5.8	6.2	6.0	5.4	4.3	5.2	6.8	6.2
	2022	6.9	6.2	4.7	5.0	5.6	6.0	5.8	6.3	6.1	5.5	4.4	5.3	6.9	6.3
	2023	7.0	6.2	4.7	5.0	5.6	6.0	5.9	6.4	6.2	5.5	4.4	5.3	7.0	6.4
	2024	7.0	6.3	4.8	5.1	5.7	6.1	5.9	6.4	6.2	5.6	4.4	5.4	7.0	6.4
	2025	7.1	6.4	4.8	5.1	5.7	6.1	6.0	6.5	6.3	5.6	4.5	5.4	7.1	6.5
Projected	2027	7.2	6.5	4.9	5.2	5.8	6.3	6.1	6.6	6.4	5.7	4.6	5.5	7.2	6.6
	2028	7.3	6.5	4.9	5.3	5.9	6.3	6.1	6.6	6.4	5.8	4.6	5.6	7.3	6.6
	2029	7.3	6.6	5.0	5.3	5.9	6.4	6.2	6.7	6.5	5.8	4.6	5.6	7.3	6.7
	2030	7.4	6.6	5.0	5.3	6.0	6.4	6.2	6.8	6.5	5.8	4.7	5.7	7.4	6.8
	2031	7.4	6.7	5.0	5.4	6.0	6.5	6.3	6.8	6.6	5.9	4.7	5.7	7.4	6.8
	2032	7.5	6.7	5.1	5.4	6.1	6.5	6.3	6.9	6.6	5.9	4.8	5.8	7.5	6.9
	2033	7.6	6.8	5.1	5.5	6.1	6.6	6.4	6.9	6.7	6.0	4.8	5.8	7.6	6.9
	2034	7.6	6.8	5.2	5.5	6.2	6.6	6.4	7.0	6.7	6.0	4.8	5.8	7.6	7.0
	2035	7.7	6.9	5.2	5.6	6.2	6.7	6.5	7.0	6.8	6.1	4.9	5.9	7.7	7.0
	2036	7.7	7.0	5.2	5.6	6.3	6.7	6.5	7.1	6.9	6.1	4.9	5.9	7.7	7.1

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	45.4%	50.7%	53.3%	55.0%	62.3%	57.9%	59.5%	59.6%	57.8%	51.7%	56.3%	52.6%	49.1%	47.7%
	2008	46.4%	47.2%	57.8%	52.1%	62.5%	54.0%	57.9%	58.6%	58.0%	53.8%	47.3%	46.4%	50.3%	47.7%
	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%
Projected	2016	43.3%	45.5%	54.7%	50.0%	61.1%	57.8%	61.0%	56.6%	58.1%	53.7%	58.5%	53.4%	48.0%	47.4%
	2017	44.0%	46.5%	57.3%	51.6%	58.8%	54.0%	60.9%	56.1%	55.2%	53.8%	58.7%	52.9%	43.8%	47.9%
	2018	44.1%	46.6%	57.4%	51.7%	58.9%	54.0%	60.9%	56.0%	55.1%	53.7%	58.8%	53.0%	43.8%	47.9%
	2019	44.2%	46.6%	57.5%	51.7%	58.9%	54.0%	60.9%	56.0%	55.1%	53.6%	58.9%	53.1%	43.8%	47.9%
	2020	44.2%	45.0%	57.5%	51.7%	58.9%	54.0%	60.8%	56.0%	55.1%	53.6%	58.8%	53.0%	43.8%	47.9%
	2021	44.1%	46.6%	57.5%	51.7%	58.9%	54.0%	60.8%	56.0%	55.1%	53.7%	58.9%	53.0%	43.8%	47.9%
	2022	44.1%	46.6%	57.5%	51.7%	58.9%	54.0%	60.8%	56.0%	55.1%	53.7%	58.9%	53.1%	43.8%	47.9%
	2023	44.1%	46.6%	57.5%	51.7%	58.9%	54.0%	60.8%	56.0%	55.1%	53.7%	58.9%	53.1%	43.8%	47.9%
	2024	44.1%	45.0%	57.5%	51.8%	59.0%	54.0%	60.8%	56.0%	55.1%	53.7%	58.9%	53.1%	43.8%	47.9%
Avg.	2007-2016	44.7%	44.9%	53.0%	52.9%	61.0%	55.3%	60.5%	57.7%	57.0%	52.7%	52.6%	54.4%	43.9%	47.9%
	2017-2026	44.1%	46.3%	57.5%	51.7%	58.9%	54.0%	60.8%	56.0%	55.1%	53.7%	58.9%	53.0%	43.8%	47.9%

FMPA 2017 Load Forecast - High Economic Case
Bushnell
Monthly Coincident-Peak Demand with ARP (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	5.6	5.5	3.6	4.2	4.3	4.2	5.4	5.2	5.3	5.2	3.7	3.0	5.5	5.2
	2008	5.4	5.0	3.5	3.8	4.2	4.9	5.3	5.3	5.3	4.6	4.2	5.3	5.4	5.3
	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	5.1	4.0	4.1	5.7	5.6
Projected	2017	6.4	5.8	3.9	4.4	4.8	5.3	5.2	5.4	5.4	5.0	4.0	4.2	6.4	5.4
	2018	6.5	5.9	4.0	4.5	4.9	5.4	5.2	5.5	5.5	5.1	4.1	4.2	6.5	5.5
	2019	6.6	6.0	4.0	4.6	5.0	5.5	5.3	5.5	5.6	5.2	4.1	4.3	6.6	5.5
	2020	6.6	6.1	4.1	4.6	5.0	5.6	5.3	5.6	5.6	5.2	4.2	4.3	6.6	5.6
	2021	6.7	6.1	4.1	4.7	5.1	5.6	5.4	5.6	5.7	5.3	4.2	4.3	6.7	5.6
	2022	6.8	6.2	4.2	4.7	5.1	5.7	5.5	5.7	5.7	5.3	4.2	4.4	6.8	5.7
	2023	6.8	6.2	4.2	4.7	5.2	5.7	5.5	5.8	5.8	5.4	4.3	4.4	6.8	5.8
	2024	6.9	6.3	4.2	4.8	5.2	5.8	5.6	5.8	5.8	5.4	4.3	4.5	6.9	5.8
	2025	6.9	6.4	4.3	4.8	5.3	5.8	5.6	5.9	5.9	5.5	4.4	4.5	6.9	5.9
Projected	2026	7.0	6.4	4.3	4.9	5.3	5.9	5.7	5.9	5.9	5.5	4.4	4.5	7.0	5.9
	2027	7.1	6.5	4.4	4.9	5.3	5.9	5.7	6.0	6.0	5.6	4.4	4.6	7.1	6.0
	2028	7.1	6.5	4.4	5.0	5.4	6.0	5.8	6.0	6.0	5.6	4.5	4.6	7.1	6.0
	2029	7.2	6.6	4.4	5.0	5.4	6.0	5.8	6.1	6.1	5.7	4.5	4.6	7.2	6.1
	2030	7.2	6.6	4.5	5.0	5.5	6.1	5.8	6.1	6.1	5.7	4.5	4.7	7.2	6.1
	2031	7.3	6.7	4.5	5.1	5.5	6.1	5.9	6.2	6.2	5.8	4.6	4.7	7.3	6.2
	2032	7.4	6.7	4.5	5.1	5.6	6.2	5.9	6.2	6.2	5.8	4.6	4.8	7.4	6.2
	2033	7.4	6.8	4.6	5.2	5.6	6.2	6.0	6.3	6.3	5.8	4.7	4.8	7.4	6.3
	2034	7.5	6.8	4.6	5.2	5.7	6.3	6.0	6.3	6.3	5.9	4.7	4.8	7.5	6.3
Projected	2035	7.5	6.9	4.6	5.2	5.7	6.3	6.1	6.4	6.4	5.9	4.7	4.9	7.5	6.4
	2036	7.6	7.0	4.7	5.3	5.7	6.4	6.1	6.4	6.4	6.0	4.8	4.9	7.6	6.4

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	99.3%	100.0%	76.3%	93.3%	85.4%	82.8%	100.0%	88.6%	96.2%	95.0%	95.0%	65.8%	96.6%	88.6%
	2008	100.0%	99.0%	88.3%	84.1%	83.7%	89.7%	97.5%	97.2%	92.2%	93.8%	85.4%	100.0%	100.0%	93.8%
	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%	97.5%	97.3%	82.7%	94.9%	92.1%
Projected	2017	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2018	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2019	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2020	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2021	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2022	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2023	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2024	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2025	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2026	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2007-2016	98.2%	99.0%	88.7%	92.0%	89.1%	94.3%	95.3%	91.1%	94.7%	94.4%	89.3%	85.4%	97.0%	92.0%
	2017-2026	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%

FMPA 2017 Load Forecast - High Economic Case - Bushnell

Historical and Projected - Energy Sales by Customer Class (Fiscal Year 2007-2036)

		Residential						General Service						TOTAL SALES		DISTR.	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	LOSSES	(MWh)	% Chg
																	(MWh)		
Historical	2007	8,696		756		11,498		14,901		291		51.3		23,597		1,022	24,619		
	2008	8,428	-3.1%	749	-1.0%	11,260	-2.1%	14,453	-3.0%	285	-1.9%	50.7	-1.1%	22,881	-3.0%	941	23,822	-3.2%	
	2009	8,512	1.0%	743	-0.7%	11,454	1.7%	14,810	2.5%	283	-0.8%	52.4	3.3%	23,322	1.9%	1,515	24,837	4.3%	
	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	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	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	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	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	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	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	24,927	2.8%	
Projected	2017	8,799	1.7%	766	1.4%	11,485	0.3%	15,168	-1.4%	286	1.8%	53.0	-3.1%	23,967	-0.2%	979	24,946	0.1%	
	2018	8,925	1.4%	771	0.7%	11,572	0.8%	15,382	1.4%	289	1.0%	53.3	0.4%	24,307	1.4%	997	25,304	1.4%	
	2019	9,001	0.8%	775	0.5%	11,618	0.4%	15,604	1.4%	291	0.8%	53.6	0.6%	24,605	1.2%	1,009	25,614	1.2%	
	2020	9,037	0.4%	779	0.5%	11,608	-0.1%	15,810	1.3%	293	0.7%	53.9	0.6%	24,848	1.0%	1,019	25,866	1.0%	
	2021	9,067	0.3%	782	0.5%	11,593	-0.1%	16,008	1.3%	295	0.7%	54.2	0.6%	25,075	0.9%	1,028	26,103	0.9%	
	2022	9,130	0.7%	785	0.4%	11,627	0.3%	16,201	1.2%	297	0.6%	54.5	0.6%	25,331	1.0%	1,038	26,370	1.0%	
	2023	9,191	0.7%	788	0.4%	11,658	0.3%	16,391	1.2%	299	0.6%	54.9	0.6%	25,582	1.0%	1,049	26,631	1.0%	
	2024	9,247	0.6%	792	0.4%	11,681	0.2%	16,577	1.1%	300	0.5%	55.2	0.6%	25,824	0.9%	1,058	26,883	0.9%	
	2025	9,299	0.6%	795	0.4%	11,704	0.2%	16,761	1.1%	302	0.5%	55.5	0.6%	26,060	0.9%	1,068	27,128	0.9%	
	2026	9,346	0.5%	797	0.4%	11,720	0.1%	16,943	1.1%	303	0.5%	55.8	0.6%	26,289	0.9%	1,077	27,366	0.9%	
	2027	9,382	0.4%	800	0.4%	11,722	0.0%	17,123	1.1%	305	0.5%	56.2	0.6%	26,505	0.8%	1,086	27,591	0.8%	
	2028	9,419	0.4%	803	0.4%	11,726	0.0%	17,303	1.1%	306	0.5%	56.5	0.6%	26,721	0.8%	1,095	27,816	0.8%	
	2029	9,459	0.4%	806	0.3%	11,736	0.1%	17,481	1.0%	308	0.4%	56.8	0.6%	26,940	0.8%	1,104	28,044	0.8%	
	2030	9,497	0.4%	809	0.3%	11,743	0.1%	17,659	1.0%	309	0.4%	57.2	0.6%	27,155	0.8%	1,113	28,268	0.8%	
	2031	9,550	0.6%	811	0.3%	11,769	0.2%	17,834	1.0%	310	0.4%	57.5	0.6%	27,384	0.8%	1,122	28,506	0.8%	
	2032	9,604	0.6%	814	0.3%	11,797	0.2%	18,007	1.0%	311	0.4%	57.8	0.6%	27,611	0.8%	1,131	28,742	0.8%	
	2033	9,659	0.6%	817	0.3%	11,826	0.2%	18,180	1.0%	312	0.4%	58.2	0.6%	27,839	0.8%	1,140	28,980	0.8%	
	2034	9,706	0.5%	819	0.3%	11,846	0.2%	18,353	1.0%	314	0.4%	58.5	0.6%	28,059	0.8%	1,149	29,208	0.8%	
	2035	9,751	0.5%	822	0.3%	11,862	0.1%	18,527	0.9%	315	0.4%	58.9	0.6%	28,278	0.8%	1,158	29,436	0.8%	
	2036	9,791	0.4%	825	0.3%	11,874	0.1%	18,703	0.9%	316	0.4%	59.2	0.6%	28,494	0.8%	1,167	29,661	0.8%	
CAGR	2007-2016		-0.1%		0.0%		0.0%		0.3%		-0.4%		0.7%		0.2%			0.1%	
	2017-2026		0.7%		0.4%		0.2%		1.2%		0.7%		1.0%		1.0%			1.0%	
	2027-2036		0.5%		0.3%		0.1%		1.0%		0.4%		0.6%		0.8%			0.8%	

CAGR - Compound Average Growth Rate

FMPA 2017 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)				
		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	2007	24,619	-	24,748	-	0.5%	5.5	-	5.9	-	6.8%	5.2	-	5.1	-	-1.0%
	2008	23,822	-3.2%	24,181	-2.3%	1.5%	5.4	-1.5%	5.8	-1.1%	7.3%	5.3	3.0%	5.4	5.7%	1.5%
	2009	24,837	4.3%	24,722	2.2%	-0.5%	6.7	24.2%	5.9	1.8%	-12.0%	5.8	7.8%	5.8	7.7%	1.5%
	2010	26,279	5.8%	25,000	1.1%	-4.9%	7.9	18.2%	6.4	8.5%	-19.2%	5.9	2.1%	5.0	-14.5%	-15.0%
	2011	25,311	-3.7%	24,521	-1.9%	-3.1%	7.0	-12.1%	7.1	11.0%	2.0%	5.2	-11.8%	5.1	3.0%	-0.8%
	2012	23,675	-6.5%	24,011	-2.1%	1.4%	5.5	-20.8%	5.6	-20.8%	2.1%	4.8	-8.3%	5.8	13.1%	22.3%
	2013	23,262	-1.7%	23,416	-2.5%	0.7%	5.8	4.2%	5.6	-0.9%	-2.8%	5.0	5.8%	5.3	-9.0%	5.3%
	2014	23,792	2.3%	23,642	1.0%	-0.6%	6.3	10.1%	6.8	22.1%	7.7%	5.4	7.1%	5.3	0.3%	-1.4%
	2015	24,259	2.0%	23,806	0.7%	-1.9%	6.7	5.7%	7.2	6.0%	8.0%	5.6	4.0%	5.4	2.3%	-3.0%
	2016	24,927	2.8%	24,351	2.3%	-2.3%	5.7	-15.1%	5.9	-19.0%	3.1%	5.6	-0.4%	5.2	-4.3%	-6.8%
Projected	2017	24,061	-3.5%	24,061	-1.2%		6.1	8.0%	6.1	4.7%		5.2	-7.2%	5.2	-0.5%	
	2018			24,179	0.5%				6.2	0.9%				5.2	0.9%	
	2019			24,328	0.6%				6.2	0.6%				5.3	0.6%	
	2020			24,459	0.5%				6.3	0.5%				5.3	0.5%	
	2021			24,600	0.6%				6.3	0.6%				5.3	0.6%	
	2022			24,777	0.7%				6.3	0.7%				5.4	0.7%	
	2023			24,955	0.7%				6.4	0.7%				5.4	0.7%	
	2024			25,131	0.7%				6.4	0.7%				5.4	0.7%	
	2025			25,304	0.7%				6.5	0.7%				5.5	0.7%	
	2026			25,474	0.7%				6.5	0.7%				5.5	0.7%	
	2027			25,634	0.6%				6.6	0.6%				5.5	0.6%	
	2028			25,796	0.6%				6.6	0.6%				5.6	0.6%	
	2029			25,963	0.6%				6.6	0.6%				5.6	0.6%	
	2030			26,127	0.6%				6.7	0.6%				5.6	0.6%	
	2031			26,305	0.7%				6.7	0.7%				5.7	0.7%	
	2032			26,483	0.7%				6.8	0.7%				5.7	0.7%	
	2033			26,663	0.7%				6.8	0.7%				5.8	0.7%	
	2034			26,835	0.6%				6.9	0.6%				5.8	0.6%	
	2035			27,008	0.6%				6.9	0.6%				5.8	0.6%	
	2036			27,180	0.6%				7.0	0.6%				5.9	0.6%	
CAGR ^[3]	2007-2016		0.1%		-0.2%			0.4%		0.0%			0.8%		0.1%	
	2017-2026				0.6%					0.7%					0.7%	
	2027-2036				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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	24,619	-	24,748	-	0.5%	5.7	-	49.4%	5.8	-	48.0%
	2008	23,822	-3.2%	24,181	-2.3%	1.5%	5.4	-4.9%	50.3%	5.7	-2.6%	47.7%
	2009	24,837	4.3%	24,722	2.2%	-0.5%	7.1	31.5%	39.9%	5.8	2.7%	48.5%
	2010	26,279	5.8%	25,000	1.1%	-4.9%	8.0	12.9%	37.4%	6.0	3.0%	49.8%
	2011	25,311	-3.7%	24,521	-1.9%	-3.1%	7.2	-10.9%	40.4%	5.9	-2.1%	49.0%
	2012	23,675	-6.5%	24,011	-2.1%	1.4%	6.3	-12.1%	43.0%	5.6	-5.8%	48.7%
	2013	23,262	-1.7%	23,416	-2.5%	0.7%	5.8	-8.6%	46.2%	5.9	5.5%	45.3%
	2014	23,792	2.3%	23,642	1.0%	-0.6%	6.3	10.1%	42.9%	5.8	-1.5%	47.0%
	2015	24,259	2.0%	23,806	0.7%	-1.9%	6.7	5.7%	41.4%	5.8	0.4%	47.8%
	2016	24,927	2.8%	24,351	2.3%	-2.3%	6.0	-10.6%	47.5%	6.1	4.5%	47.0%
Projected	2017	24,061	-3.5%	24,061	-1.2%		6.3	4.5%	43.9%	5.7	-5.5%	48.0%
	2018	24,179	0.5%	24,179	0.5%		6.3	0.9%	43.7%	5.8	0.9%	47.8%
	2019	24,328	0.6%	24,328	0.6%		6.3	0.6%	43.7%	5.8	0.6%	47.8%
	2020	24,459	0.5%	24,459	0.5%		6.4	0.5%	43.7%	5.8	0.5%	47.8%
	2021	24,600	0.6%	24,600	0.6%		6.4	0.6%	43.7%	5.9	0.6%	47.8%
	2022	24,777	0.7%	24,777	0.7%		6.5	0.7%	43.7%	5.9	0.7%	47.8%
	2023	24,955	0.7%	24,955	0.7%		6.5	0.7%	43.7%	6.0	0.7%	47.8%
	2024	25,131	0.7%	25,131	0.7%		6.6	0.7%	43.7%	6.0	0.7%	47.8%
	2025	25,304	0.7%	25,304	0.7%		6.6	0.7%	43.7%	6.0	0.7%	47.8%
	2026	25,474	0.7%	25,474	0.7%		6.6	0.7%	43.7%	6.1	0.7%	47.8%
	2027	25,634	0.6%	25,634	0.6%		6.7	0.6%	43.7%	6.1	0.6%	47.8%
	2028	25,796	0.6%	25,796	0.6%		6.7	0.6%	43.7%	6.2	0.6%	47.8%
	2029	25,963	0.6%	25,963	0.6%		6.8	0.6%	43.7%	6.2	0.6%	47.8%
	2030	26,127	0.6%	26,127	0.6%		6.8	0.6%	43.7%	6.2	0.6%	47.8%
	2031	26,305	0.7%	26,305	0.7%		6.9	0.7%	43.7%	6.3	0.7%	47.8%
	2032	26,483	0.7%	26,483	0.7%		6.9	0.7%	43.7%	6.3	0.7%	47.8%
	2033	26,663	0.7%	26,663	0.7%		7.0	0.7%	43.7%	6.4	0.7%	47.8%
	2034	26,835	0.6%	26,835	0.6%		7.0	0.6%	43.7%	6.4	0.6%	47.8%
	2035	27,008	0.6%	27,008	0.6%		7.0	0.6%	43.7%	6.5	0.6%	47.8%
	2036	27,180	0.6%	27,180	0.6%		7.1	0.6%	43.7%	6.5	0.6%	47.8%
CAGR ^[1]	2007-2016		0.1%		-0.2%			0.6%	43.8%		0.4%	47.9%
	2017-2026		0.6%		0.6%			0.7%	43.7%		0.7%	47.8%
	2027-2036		0.7%		0.7%			0.7%	43.7%		0.7%	47.8%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Mild Weather Case
Bushnell
Monthly Net Energy for Load (MWh)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2007	1,920	1,870	1,862	1,841	2,115	2,195	2,298	2,593	2,282	2,122	1,633	1,717	24,449	24,619
	2008	1,868	1,668	1,723	1,746	2,121	2,194	2,256	2,397	2,378	1,971	1,743	1,763	23,828	23,822
	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	2,098	1,778	1,832	25,074	24,927
Projected	2017	1,905	1,648	1,802	1,802	2,079	2,222	2,315	2,382	2,200	2,017	1,798	1,830	23,999	24,061
	2018	1,926	1,666	1,822	1,821	2,100	2,243	2,336	2,403	2,218	2,033	1,811	1,843	24,221	24,179
	2019	1,938	1,676	1,833	1,832	2,112	2,256	2,349	2,416	2,230	2,045	1,821	1,853	24,360	24,328
	2020	1,948	1,685	1,843	1,842	2,123	2,267	2,361	2,428	2,242	2,055	1,831	1,863	24,489	24,459
	2021	1,958	1,694	1,853	1,853	2,136	2,281	2,375	2,444	2,257	2,070	1,844	1,876	24,640	24,600
	2022	1,971	1,706	1,867	1,867	2,152	2,298	2,392	2,461	2,273	2,085	1,857	1,890	24,819	24,777
	2023	1,985	1,718	1,880	1,881	2,167	2,314	2,409	2,479	2,290	2,100	1,871	1,904	24,997	24,955
	2024	1,999	1,730	1,894	1,894	2,183	2,330	2,426	2,496	2,306	2,115	1,884	1,917	25,172	25,131
	2025	2,013	1,742	1,907	1,908	2,198	2,346	2,442	2,513	2,321	2,129	1,897	1,930	25,345	25,304
Projected	2026	2,026	1,754	1,920	1,921	2,213	2,362	2,458	2,529	2,337	2,143	1,909	1,943	25,512	25,474
	2027	2,038	1,764	1,932	1,933	2,227	2,376	2,473	2,544	2,351	2,156	1,921	1,955	25,671	25,634
	2028	2,050	1,775	1,944	1,945	2,241	2,391	2,488	2,561	2,367	2,171	1,934	1,968	25,836	25,796
	2029	2,064	1,787	1,957	1,958	2,256	2,407	2,504	2,577	2,381	2,184	1,946	1,980	26,000	25,963
	2030	2,076	1,798	1,969	1,971	2,270	2,422	2,520	2,593	2,397	2,199	1,959	1,994	26,169	26,127
	2031	2,090	1,810	1,983	1,985	2,286	2,438	2,537	2,611	2,413	2,214	1,973	2,008	26,347	26,305
	2032	2,104	1,822	1,996	1,998	2,301	2,455	2,554	2,629	2,430	2,229	1,986	2,022	26,527	26,483
	2033	2,118	1,834	2,010	2,012	2,317	2,471	2,571	2,646	2,446	2,244	1,999	2,035	26,703	26,663
	2034	2,131	1,846	2,023	2,025	2,332	2,487	2,587	2,663	2,462	2,259	2,013	2,048	26,877	26,835
	2035	2,145	1,858	2,036	2,039	2,347	2,503	2,604	2,680	2,478	2,273	2,025	2,061	27,048	27,008
	2036	2,158	1,869	2,049	2,052	2,362	2,519	2,620	2,697	2,494	2,288	2,039	2,075	27,221	27,180

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2007	7.9%	7.7%	7.6%	7.5%	8.7%	9.0%	9.4%	10.6%	9.3%	8.7%	6.7%	7.0%	100.0%
	2008	7.8%	7.0%	7.2%	7.3%	8.9%	9.2%	9.5%	10.1%	10.0%	8.3%	7.3%	7.4%	100.0%
	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	7.7%	7.2%	7.1%	7.2%	8.6%	9.5%	10.4%	10.2%	9.4%	8.4%	7.1%	7.3%	100.0%
Projected	2017	7.9%	6.9%	7.5%	7.5%	8.7%	9.3%	9.6%	9.9%	9.2%	8.4%	7.5%	7.6%	100.0%
	2018	8.0%	6.9%	7.5%	7.5%	8.7%	9.3%	9.6%	9.9%	9.2%	8.4%	7.5%	7.6%	100.0%
	2019	8.0%	6.9%	7.5%	7.5%	8.7%	9.3%	9.6%	9.9%	9.2%	8.4%	7.5%	7.6%	100.0%
	2020	8.0%	6.9%	7.5%	7.5%	8.7%	9.3%	9.6%	9.9%	9.2%	8.4%	7.5%	7.6%	100.0%
	2021	7.9%	6.9%	7.5%	7.5%	8.7%	9.3%	9.6%	9.9%	9.2%	8.4%	7.5%	7.6%	100.0%
	2022	7.9%	6.9%	7.5%	7.5%	8.7%	9.3%	9.6%	9.9%	9.2%	8.4%	7.5%	7.6%	100.0%
	2023	7.9%	6.9%	7.5%	7.5%	8.7%	9.3%	9.6%	9.9%	9.2%	8.4%	7.5%	7.6%	100.0%
	2024	7.9%	6.9%	7.5%	7.5%	8.7%	9.3%	9.6%	9.9%	9.2%	8.4%	7.5%	7.6%	100.0%
	2025	7.9%	6.9%	7.5%	7.5%	8.7%	9.3%	9.6%	9.9%	9.2%	8.4%	7.5%	7.6%	100.0%
Avg.	2007-2016	8.2%	7.3%	7.4%	7.5%	8.8%	9.1%	9.5%	10.2%	9.4%	8.2%	6.9%	7.6%	100.0%
	2017-2026	7.9%	6.9%	7.5%	7.5%	8.7%	9.3%	9.6%	9.9%	9.2%	8.4%	7.5%	7.6%	100.0%

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FMPA 2017 Load Forecast - Mild Weather Case
Bushnell
Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	5.7	5.5	4.7	4.5	5.1	5.1	5.4	5.8	5.5	5.5	3.9	4.5	5.7	5.8
	2008	5.4	5.1	4.0	4.5	5.1	5.5	5.4	5.5	5.7	4.9	4.9	5.3	5.4	5.7
	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	5.2	3.9	4.8	6.0	6.1
Projected	2017	6.3	5.6	4.2	4.5	5.1	5.4	5.3	5.7	5.5	5.0	4.0	4.8	6.3	5.7
	2018	6.3	5.7	4.3	4.6	5.1	5.5	5.3	5.8	5.6	5.0	4.0	4.8	6.3	5.8
	2019	6.3	5.7	4.3	4.6	5.2	5.5	5.4	5.8	5.6	5.0	4.0	4.9	6.3	5.8
	2020	6.4	5.7	4.3	4.6	5.2	5.5	5.4	5.8	5.6	5.1	4.0	4.9	6.4	5.8
	2021	6.4	5.8	4.3	4.7	5.2	5.6	5.4	5.9	5.7	5.1	4.1	4.9	6.4	5.9
	2022	6.5	5.8	4.4	4.7	5.2	5.6	5.5	5.9	5.7	5.1	4.1	5.0	6.5	5.9
	2023	6.5	5.9	4.4	4.7	5.3	5.7	5.5	6.0	5.8	5.2	4.1	5.0	6.5	6.0
	2024	6.6	5.9	4.4	4.8	5.3	5.7	5.5	6.0	5.8	5.2	4.1	5.0	6.6	6.0
	2025	6.6	5.9	4.5	4.8	5.4	5.7	5.6	6.0	5.8	5.2	4.2	5.1	6.6	6.0
Projected	2027	6.7	6.0	4.5	4.8	5.4	5.8	5.6	6.1	5.9	5.3	4.2	5.1	6.7	6.1
	2028	6.7	6.0	4.6	4.9	5.5	5.8	5.7	6.2	6.0	5.3	4.3	5.2	6.7	6.2
	2029	6.8	6.1	4.6	4.9	5.5	5.9	5.7	6.2	6.0	5.4	4.3	5.2	6.8	6.2
	2030	6.8	6.1	4.6	4.9	5.5	5.9	5.8	6.2	6.0	5.4	4.3	5.2	6.8	6.2
	2031	6.9	6.2	4.6	5.0	5.6	6.0	5.8	6.3	6.1	5.4	4.3	5.3	6.9	6.3
	2032	6.9	6.2	4.7	5.0	5.6	6.0	5.8	6.3	6.1	5.5	4.4	5.3	6.9	6.3
	2033	7.0	6.3	4.7	5.0	5.6	6.0	5.9	6.4	6.2	5.5	4.4	5.3	7.0	6.4
	2034	7.0	6.3	4.7	5.1	5.7	6.1	5.9	6.4	6.2	5.6	4.4	5.4	7.0	6.4
	2035	7.0	6.3	4.8	5.1	5.7	6.1	6.0	6.5	6.2	5.6	4.5	5.4	7.0	6.5
	2036	7.1	6.4	4.8	5.1	5.8	6.2	6.0	6.5	6.3	5.6	4.5	5.4	7.1	6.5

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	45.4%	50.7%	53.3%	55.0%	62.3%	57.9%	59.5%	59.6%	57.8%	51.7%	56.3%	52.6%	49.1%	47.7%
	2008	46.4%	47.2%	57.8%	52.1%	62.5%	54.0%	57.9%	58.6%	58.0%	53.8%	47.3%	46.4%	50.3%	47.7%
	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%
Projected	2016	43.3%	45.5%	54.7%	50.0%	61.1%	57.8%	61.0%	56.6%	58.1%	53.7%	60.8%	53.4%	47.8%	47.3%
	2017	40.9%	43.6%	57.2%	53.5%	60.9%	55.0%	60.9%	55.9%	55.2%	54.7%	60.9%	52.9%	43.8%	47.9%
	2018	41.0%	43.7%	57.3%	53.5%	61.0%	55.0%	60.9%	55.9%	55.1%	54.6%	61.0%	52.9%	43.8%	47.9%
	2019	41.0%	43.7%	57.3%	53.5%	61.0%	55.0%	60.9%	55.9%	55.1%	54.6%	61.1%	53.0%	43.8%	47.9%
	2020	41.0%	42.2%	57.3%	53.6%	61.0%	55.0%	60.9%	55.9%	55.1%	54.6%	61.0%	52.9%	43.8%	47.9%
	2021	41.0%	43.7%	57.3%	53.5%	61.0%	55.0%	60.8%	55.9%	55.2%	54.6%	61.0%	52.9%	43.8%	47.9%
	2022	41.0%	43.7%	57.3%	53.6%	61.0%	55.0%	60.8%	55.9%	55.2%	54.6%	61.0%	52.9%	43.8%	47.9%
	2023	41.0%	43.7%	57.3%	53.6%	61.0%	55.0%	60.8%	55.9%	55.2%	54.6%	61.0%	52.9%	43.8%	47.9%
	2024	41.0%	42.2%	57.3%	53.6%	61.0%	55.0%	60.8%	55.9%	55.2%	54.6%	61.0%	52.9%	43.8%	47.9%
Avg.	2007-2016	44.7%	44.9%	53.0%	52.9%	61.0%	55.3%	60.5%	57.7%	57.0%	52.7%	52.8%	54.4%	43.8%	47.9%
	2017-2026	41.0%	43.4%	57.3%	53.6%	61.0%	55.0%	60.8%	55.9%	55.2%	54.6%	61.0%	52.9%	43.8%	47.9%

FMPA 2017 Load Forecast - Mild Weather Case
Bushnell
Monthly Coincident-Peak Demand with ARP (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	5.6	5.5	3.6	4.2	4.3	4.2	5.4	5.2	5.3	5.2	3.7	3.0	5.5	5.2
	2008	5.4	5.0	3.5	3.8	4.2	4.9	5.3	5.3	5.3	4.6	4.2	5.3	5.4	5.3
	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	5.1	3.8	3.9	5.7	5.6
Projected	2017	6.1	5.6	3.8	4.3	4.6	5.1	5.0	5.2	5.2	4.8	3.9	4.0	6.1	5.2
	2018	6.2	5.7	3.8	4.3	4.7	5.2	5.0	5.2	5.2	4.9	3.9	4.0	6.2	5.2
	2019	6.2	5.7	3.8	4.3	4.7	5.2	5.0	5.3	5.3	4.9	3.9	4.0	6.2	5.3
	2020	6.3	5.7	3.9	4.4	4.7	5.2	5.1	5.3	5.3	4.9	3.9	4.0	6.3	5.3
	2021	6.3	5.8	3.9	4.4	4.8	5.3	5.1	5.3	5.3	5.0	4.0	4.1	6.3	5.3
	2022	6.3	5.8	3.9	4.4	4.8	5.3	5.1	5.4	5.4	5.0	4.0	4.1	6.3	5.4
	2023	6.4	5.9	3.9	4.4	4.8	5.4	5.2	5.4	5.4	5.0	4.0	4.1	6.4	5.4
	2024	6.4	5.9	4.0	4.5	4.9	5.4	5.2	5.4	5.5	5.1	4.0	4.2	6.4	5.4
	2025	6.5	5.9	4.0	4.5	4.9	5.4	5.2	5.5	5.5	5.1	4.1	4.2	6.5	5.5
Projected	2026	6.5	6.0	4.0	4.5	4.9	5.5	5.3	5.5	5.5	5.1	4.1	4.2	6.5	5.5
	2027	6.6	6.0	4.0	4.6	5.0	5.5	5.3	5.5	5.6	5.2	4.1	4.2	6.6	5.5
	2028	6.6	6.0	4.1	4.6	5.0	5.5	5.3	5.6	5.6	5.2	4.1	4.3	6.6	5.6
	2029	6.6	6.1	4.1	4.6	5.0	5.6	5.4	5.6	5.6	5.2	4.2	4.3	6.6	5.6
	2030	6.7	6.1	4.1	4.7	5.1	5.6	5.4	5.6	5.7	5.3	4.2	4.3	6.7	5.6
	2031	6.7	6.2	4.2	4.7	5.1	5.6	5.4	5.7	5.7	5.3	4.2	4.4	6.7	5.7
	2032	6.8	6.2	4.2	4.7	5.1	5.7	5.5	5.7	5.7	5.3	4.3	4.4	6.8	5.7
	2033	6.8	6.3	4.2	4.8	5.2	5.7	5.5	5.8	5.8	5.4	4.3	4.4	6.8	5.8
	2034	6.9	6.3	4.2	4.8	5.2	5.8	5.5	5.8	5.8	5.4	4.3	4.4	6.9	5.8
Projected	2035	6.9	6.3	4.3	4.8	5.2	5.8	5.6	5.8	5.9	5.4	4.3	4.5	6.9	5.8
	2036	7.0	6.4	4.3	4.8	5.3	5.8	5.6	5.9	5.9	5.5	4.4	4.5	7.0	5.9

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	99.3%	100.0%	76.3%	93.3%	85.4%	82.8%	100.0%	88.6%	96.2%	95.0%	95.0%	65.8%	96.6%	88.6%
	2008	100.0%	99.0%	88.3%	84.1%	83.7%	89.7%	97.5%	97.2%	92.2%	93.8%	85.4%	100.0%	100.0%	93.8%
	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%
Projected	2016	100.0%	100.0%	94.5%	96.4%	98.1%	94.6%	93.9%	87.3%	92.0%	97.5%	97.3%	82.7%	94.9%	92.1%
	2017	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2018	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2019	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2020	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2021	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2022	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2023	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2024	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
Projected	2025	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2026	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
2007-2016		98.2%	99.0%	88.7%	92.0%	89.1%	94.3%	95.3%	91.1%	94.7%	94.4%	89.3%	85.4%	97.0%	92.0%
2017-2026		98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%

FMPA 2017 Load Forecast - Mild Weather Case - Bushnell

Historical and Projected - Energy Sales by Customer Class (Fiscal Year 2007-2036)

		Residential						General Service						TOTAL SALES		DISTR.	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	LOSSES	(MWh)	% Chg
																	(MWh)		
Historical	2007	8,696		756		11,498		14,901		291		51.3		23,597		1,022	24,619		
	2008	8,428	-3.1%	749	-1.0%	11,260	-2.1%	14,453	-3.0%	285	-1.9%	50.7	-1.1%	22,881	-3.0%	941	23,822	-3.2%	
	2009	8,512	1.0%	743	-0.7%	11,454	1.7%	14,810	2.5%	283	-0.8%	52.4	3.3%	23,322	1.9%	1,515	24,837	4.3%	
	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	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	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	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	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	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	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	24,927	2.8%	
Projected	2017	8,213	-5.0%	766	1.3%	10,727	-6.3%	14,907	-3.1%	286	1.7%	52.2	-4.7%	23,120	-3.8%	942	24,061	-3.5%	
	2018	8,251	0.5%	769	0.5%	10,726	0.0%	14,976	0.5%	288	0.7%	52.1	-0.2%	23,227	0.5%	952	24,179	0.5%	
	2019	8,243	-0.1%	772	0.3%	10,681	-0.4%	15,127	1.0%	289	0.7%	52.3	0.4%	23,370	0.6%	958	24,328	0.6%	
	2020	8,221	-0.3%	775	0.4%	10,612	-0.7%	15,276	1.0%	291	0.6%	52.5	0.4%	23,497	0.5%	963	24,459	0.5%	
	2021	8,208	-0.2%	778	0.4%	10,557	-0.5%	15,423	1.0%	293	0.6%	52.7	0.4%	23,631	0.6%	968	24,600	0.6%	
	2022	8,232	0.3%	780	0.3%	10,553	0.0%	15,570	0.9%	294	0.5%	52.9	0.4%	23,801	0.7%	975	24,777	0.7%	
	2023	8,257	0.3%	783	0.3%	10,551	0.0%	15,716	0.9%	296	0.5%	53.1	0.4%	23,973	0.7%	982	24,955	0.7%	
	2024	8,279	0.3%	785	0.3%	10,546	-0.1%	15,862	0.9%	297	0.5%	53.4	0.5%	24,142	0.7%	989	25,131	0.7%	
	2025	8,302	0.3%	788	0.3%	10,541	0.0%	16,007	0.9%	299	0.4%	53.6	0.5%	24,308	0.7%	996	25,304	0.7%	
	2026	8,320	0.2%	790	0.3%	10,533	-0.1%	16,151	0.9%	300	0.4%	53.9	0.5%	24,471	0.7%	1,002	25,474	0.7%	
	2027	8,330	0.1%	792	0.3%	10,514	-0.2%	16,295	0.9%	301	0.4%	54.1	0.5%	24,625	0.6%	1,009	25,634	0.6%	
	2028	8,342	0.1%	795	0.3%	10,498	-0.2%	16,439	0.9%	302	0.4%	54.4	0.5%	24,781	0.6%	1,015	25,796	0.6%	
	2029	8,358	0.2%	797	0.3%	10,488	-0.1%	16,583	0.9%	303	0.4%	54.7	0.5%	24,941	0.6%	1,022	25,963	0.6%	
	2030	8,373	0.2%	799	0.3%	10,477	-0.1%	16,726	0.9%	305	0.4%	54.9	0.5%	25,099	0.6%	1,028	26,127	0.6%	
	2031	8,401	0.3%	801	0.3%	10,483	0.1%	16,869	0.9%	306	0.4%	55.2	0.5%	25,270	0.7%	1,035	26,305	0.7%	
	2032	8,432	0.4%	804	0.3%	10,492	0.1%	17,010	0.8%	307	0.3%	55.5	0.5%	25,441	0.7%	1,042	26,483	0.7%	
	2033	8,463	0.4%	806	0.3%	10,503	0.1%	17,150	0.8%	308	0.3%	55.7	0.5%	25,614	0.7%	1,049	26,663	0.7%	
	2034	8,488	0.3%	808	0.3%	10,505	0.0%	17,291	0.8%	309	0.3%	56.0	0.5%	25,779	0.6%	1,056	26,835	0.6%	
	2035	8,512	0.3%	810	0.3%	10,505	0.0%	17,434	0.8%	310	0.3%	56.3	0.5%	25,946	0.6%	1,063	27,008	0.6%	
	2036	8,532	0.2%	812	0.3%	10,502	0.0%	17,578	0.8%	311	0.3%	56.6	0.5%	26,110	0.6%	1,069	27,180	0.6%	
CAGR	2007-2016		-0.1%		0.0%		0.0%		0.3%		-0.4%		0.7%		0.2%			0.1%	
	2017-2026		0.1%		0.3%		-0.2%		0.9%		0.5%		0.3%		0.6%			0.6%	
	2027-2036		0.3%		0.3%		0.0%		0.8%		0.3%		0.5%		0.7%			0.7%	

CAGR - Compound Average Growth Rate

FMPA 2017 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)				
		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	2007	24,619	-	24,748	-	0.5%	5.5	-	5.9	-	6.8%	5.2	-	5.1	-	-1.0%
	2008	23,822	-3.2%	24,181	-2.3%	1.5%	5.4	-1.5%	5.8	-1.1%	7.3%	5.3	3.0%	5.4	5.7%	1.5%
	2009	24,837	4.3%	24,722	2.2%	-0.5%	6.7	24.2%	5.9	1.8%	-12.0%	5.8	7.8%	5.8	7.7%	1.5%
	2010	26,279	5.8%	25,000	1.1%	-4.9%	7.9	18.2%	6.4	8.5%	-19.2%	5.9	2.1%	5.0	-14.5%	-15.0%
	2011	25,311	-3.7%	24,521	-1.9%	-3.1%	7.0	-12.1%	7.1	11.0%	2.0%	5.2	-11.8%	5.1	3.0%	-0.8%
	2012	23,675	-6.5%	24,011	-2.1%	1.4%	5.5	-20.8%	5.6	-20.8%	2.1%	4.8	-8.3%	5.8	13.1%	22.3%
	2013	23,262	-1.7%	23,416	-2.5%	0.7%	5.8	4.2%	5.6	-0.9%	-2.8%	5.0	5.8%	5.3	-9.0%	5.3%
	2014	23,792	2.3%	23,642	1.0%	-0.6%	6.3	10.1%	6.8	22.1%	7.7%	5.4	7.1%	5.3	0.3%	-1.4%
	2015	24,259	2.0%	23,806	0.7%	-1.9%	6.7	5.7%	7.2	6.0%	8.0%	5.6	4.0%	5.4	2.3%	-3.0%
	2016	24,927	2.8%	24,351	2.3%	-2.3%	5.7	-15.1%	5.9	-19.0%	3.1%	5.6	-0.4%	5.2	-4.3%	-6.8%
Projected	2017	25,789	3.5%	25,789	5.9%		6.6	16.0%	6.6	12.5%		5.6	-0.4%	5.6	6.9%	
	2018			25,986	0.8%				6.6	0.9%				5.6	0.9%	
	2019			26,139	0.6%				6.7	0.5%				5.6	0.5%	
	2020			26,271	0.5%				6.7	0.5%				5.7	0.5%	
	2021			26,413	0.5%				6.8	0.6%				5.7	0.6%	
	2022			26,598	0.7%				6.8	0.7%				5.7	0.7%	
	2023			26,786	0.7%				6.9	0.7%				5.8	0.7%	
	2024			26,970	0.7%				6.9	0.7%				5.8	0.7%	
	2025			27,151	0.7%				6.9	0.7%				5.9	0.7%	
	2026			27,328	0.7%				7.0	0.6%				5.9	0.6%	
	2027			27,495	0.6%				7.0	0.6%				5.9	0.6%	
	2028			27,663	0.6%				7.1	0.6%				6.0	0.6%	
	2029			27,837	0.6%				7.1	0.6%				6.0	0.6%	
	2030			28,008	0.6%				7.2	0.6%				6.0	0.6%	
	2031			28,195	0.7%				7.2	0.7%				6.1	0.7%	
	2032			28,382	0.7%				7.3	0.7%				6.1	0.7%	
	2033			28,571	0.7%				7.3	0.7%				6.2	0.7%	
	2034			28,752	0.6%				7.4	0.6%				6.2	0.6%	
	2035			28,933	0.6%				7.4	0.6%				6.2	0.6%	
	2036			29,113	0.6%				7.4	0.6%				6.3	0.6%	
CAGR ^[3]	2007-2016		0.1%		-0.2%			0.4%		0.0%			0.8%		0.1%	
	2017-2026				0.6%					0.7%					0.7%	
	2027-2036				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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	24,619	-	24,748	-	0.5%	5.7	-	49.4%	5.8	-	48.0%
	2008	23,822	-3.2%	24,181	-2.3%	1.5%	5.4	-4.9%	50.3%	5.7	-2.6%	47.7%
	2009	24,837	4.3%	24,722	2.2%	-0.5%	7.1	31.5%	39.9%	5.8	2.7%	48.5%
	2010	26,279	5.8%	25,000	1.1%	-4.9%	8.0	12.9%	37.4%	6.0	3.0%	49.8%
	2011	25,311	-3.7%	24,521	-1.9%	-3.1%	7.2	-10.9%	40.4%	5.9	-2.1%	49.0%
	2012	23,675	-6.5%	24,011	-2.1%	1.4%	6.3	-12.1%	43.0%	5.6	-5.8%	48.7%
	2013	23,262	-1.7%	23,416	-2.5%	0.7%	5.8	-8.6%	46.2%	5.9	5.5%	45.3%
	2014	23,792	2.3%	23,642	1.0%	-0.6%	6.3	10.1%	42.9%	5.8	-1.5%	47.0%
	2015	24,259	2.0%	23,806	0.7%	-1.9%	6.7	5.7%	41.4%	5.8	0.4%	47.8%
	2016	24,927	2.8%	24,351	2.3%	-2.3%	6.0	-10.6%	47.5%	6.1	4.5%	47.0%
Projected	2017	25,789	3.5%	25,789	5.9%		6.7	12.2%	43.8%	6.1	1.5%	47.9%
	2018	25,986	0.8%	25,986	0.8%		6.8	0.9%	43.8%	6.2	0.9%	47.8%
	2019	26,139	0.6%	26,139	0.6%		6.8	0.5%	43.8%	6.2	0.5%	47.8%
	2020	26,271	0.5%	26,271	0.5%		6.9	0.5%	43.8%	6.3	0.5%	47.8%
	2021	26,413	0.5%	26,413	0.5%		6.9	0.6%	43.8%	6.3	0.6%	47.8%
	2022	26,598	0.7%	26,598	0.7%		6.9	0.7%	43.8%	6.4	0.7%	47.8%
	2023	26,786	0.7%	26,786	0.7%		7.0	0.7%	43.8%	6.4	0.7%	47.8%
	2024	26,970	0.7%	26,970	0.7%		7.0	0.7%	43.8%	6.4	0.7%	47.8%
	2025	27,151	0.7%	27,151	0.7%		7.1	0.7%	43.8%	6.5	0.7%	47.8%
	2026	27,328	0.7%	27,328	0.7%		7.1	0.6%	43.8%	6.5	0.6%	47.8%
	2027	27,495	0.6%	27,495	0.6%		7.2	0.6%	43.8%	6.6	0.6%	47.8%
	2028	27,663	0.6%	27,663	0.6%		7.2	0.6%	43.8%	6.6	0.6%	47.8%
	2029	27,837	0.6%	27,837	0.6%		7.3	0.6%	43.8%	6.6	0.6%	47.8%
	2030	28,008	0.6%	28,008	0.6%		7.3	0.6%	43.8%	6.7	0.6%	47.8%
	2031	28,195	0.7%	28,195	0.7%		7.4	0.7%	43.8%	6.7	0.7%	47.8%
	2032	28,382	0.7%	28,382	0.7%		7.4	0.7%	43.8%	6.8	0.7%	47.8%
	2033	28,571	0.7%	28,571	0.7%		7.5	0.7%	43.8%	6.8	0.7%	47.8%
	2034	28,752	0.6%	28,752	0.6%		7.5	0.6%	43.8%	6.9	0.6%	47.8%
	2035	28,933	0.6%	28,933	0.6%		7.5	0.6%	43.8%	6.9	0.6%	47.8%
	2036	29,113	0.6%	29,113	0.6%		7.6	0.6%	43.8%	6.9	0.6%	47.8%
CAGR ^[1]	2007-2016		0.1%		-0.2%			0.6%	43.8%		0.4%	47.9%
	2017-2026		0.6%		0.6%			0.7%	43.8%		0.7%	47.8%
	2027-2036		0.6%		0.6%			0.6%	43.8%		0.6%	47.8%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Severe Weather Case

Bushnell

Monthly Net Energy for Load (MWh)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2007	1,920	1,870	1,862	1,841	2,115	2,195	2,298	2,593	2,282	2,122	1,633	1,717	24,449	24,619
	2008	1,868	1,668	1,723	1,746	2,121	2,194	2,256	2,397	2,378	1,971	1,743	1,763	23,828	23,822
	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	2,098	1,778	1,982	25,224	24,927
Projected	2017	2,397	2,025	1,947	1,802	2,079	2,294	2,477	2,559	2,350	2,079	1,798	1,982	25,790	25,789
	2018	2,425	2,048	1,968	1,821	2,100	2,316	2,500	2,581	2,369	2,095	1,811	1,995	26,028	25,986
	2019	2,437	2,059	1,980	1,832	2,112	2,329	2,513	2,594	2,382	2,107	1,821	2,005	26,171	26,139
	2020	2,447	2,068	1,990	1,842	2,123	2,341	2,525	2,607	2,394	2,118	1,831	2,014	26,301	26,271
	2021	2,456	2,077	2,001	1,853	2,136	2,355	2,540	2,623	2,410	2,132	1,844	2,028	26,455	26,413
	2022	2,472	2,091	2,015	1,867	2,152	2,372	2,558	2,642	2,427	2,148	1,857	2,043	26,642	26,598
	2023	2,488	2,105	2,030	1,881	2,167	2,388	2,576	2,660	2,444	2,163	1,871	2,056	26,828	26,786
	2024	2,503	2,118	2,044	1,894	2,183	2,405	2,593	2,678	2,461	2,178	1,884	2,070	27,012	26,970
	2025	2,518	2,132	2,058	1,908	2,198	2,421	2,611	2,696	2,478	2,193	1,897	2,084	27,193	27,151
	2026	2,534	2,145	2,071	1,921	2,213	2,437	2,627	2,713	2,493	2,207	1,909	2,097	27,367	27,328
Projected	2027	2,547	2,157	2,084	1,933	2,227	2,452	2,643	2,729	2,509	2,221	1,921	2,109	27,532	27,495
	2028	2,560	2,169	2,097	1,945	2,241	2,468	2,660	2,747	2,525	2,236	1,934	2,122	27,704	27,663
	2029	2,576	2,182	2,111	1,958	2,256	2,483	2,676	2,763	2,540	2,249	1,946	2,135	27,875	27,837
	2030	2,589	2,194	2,124	1,971	2,270	2,499	2,693	2,781	2,557	2,265	1,959	2,149	28,051	28,008
	2031	2,605	2,208	2,138	1,985	2,286	2,516	2,710	2,800	2,574	2,280	1,973	2,163	28,237	28,195
	2032	2,621	2,222	2,152	1,998	2,301	2,533	2,729	2,818	2,592	2,296	1,986	2,178	28,427	28,382
	2033	2,638	2,237	2,167	2,012	2,317	2,549	2,746	2,837	2,609	2,311	1,999	2,191	28,613	28,571
	2034	2,653	2,250	2,181	2,025	2,332	2,566	2,764	2,855	2,625	2,326	2,013	2,205	28,794	28,752
	2035	2,668	2,264	2,195	2,039	2,347	2,582	2,781	2,872	2,642	2,341	2,025	2,218	28,974	28,933
	2036	2,683	2,277	2,208	2,052	2,362	2,598	2,798	2,890	2,659	2,356	2,039	2,232	29,155	29,113

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2007	7.9%	7.7%	7.6%	7.5%	8.7%	9.0%	9.4%	10.6%	9.3%	8.7%	6.7%	7.0%	100.0%
	2008	7.8%	7.0%	7.2%	7.3%	8.9%	9.2%	9.5%	10.1%	10.0%	8.3%	7.3%	7.4%	100.0%
	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	7.6%	7.1%	7.1%	7.1%	8.5%	9.4%	10.3%	10.1%	9.4%	8.3%	7.0%	7.9%	100.0%
Projected	2017	9.3%	7.9%	7.6%	7.0%	8.1%	8.9%	9.6%	9.9%	9.1%	8.1%	7.0%	7.7%	100.0%
	2018	9.3%	7.9%	7.6%	7.0%	8.1%	8.9%	9.6%	9.9%	9.1%	8.0%	7.0%	7.7%	100.0%
	2019	9.3%	7.9%	7.6%	7.0%	8.1%	8.9%	9.6%	9.9%	9.1%	8.1%	7.0%	7.7%	100.0%
	2020	9.3%	7.9%	7.6%	7.0%	8.1%	8.9%	9.6%	9.9%	9.1%	8.1%	7.0%	7.7%	100.0%
	2021	9.3%	7.9%	7.6%	7.0%	8.1%	8.9%	9.6%	9.9%	9.1%	8.1%	7.0%	7.7%	100.0%
	2022	9.3%	7.8%	7.6%	7.0%	8.1%	8.9%	9.6%	9.9%	9.1%	8.1%	7.0%	7.7%	100.0%
	2023	9.3%	7.8%	7.6%	7.0%	8.1%	8.9%	9.6%	9.9%	9.1%	8.1%	7.0%	7.7%	100.0%
	2024	9.3%	7.8%	7.6%	7.0%	8.1%	8.9%	9.6%	9.9%	9.1%	8.1%	7.0%	7.7%	100.0%
	2025	9.3%	7.8%	7.6%	7.0%	8.1%	8.9%	9.6%	9.9%	9.1%	8.1%	7.0%	7.7%	100.0%
	2026	9.3%	7.8%	7.6%	7.0%	8.1%	8.9%	9.6%	9.9%	9.1%	8.1%	7.0%	7.7%	100.0%
Avg.	2007-2016	8.2%	7.3%	7.4%	7.5%	8.8%	9.1%	9.5%	10.2%	9.3%	8.2%	6.9%	7.6%	100.0%
	2017-2026	9.3%	7.9%	7.6%	7.0%	8.1%	8.9%	9.6%	9.9%	9.1%	8.1%	7.0%	7.7%	100.0%

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FMPA 2017 Load Forecast - Severe Weather Case
Bushnell
Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	5.7	5.5	4.7	4.5	5.1	5.1	5.4	5.8	5.5	5.5	3.9	4.5	5.7	5.8
	2008	5.4	5.1	4.0	4.5	5.1	5.5	5.4	5.5	5.7	4.9	4.9	5.3	5.4	5.7
	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	5.2	4.2	5.1	6.0	6.1
Projected	2017	6.7	6.0	4.5	4.9	5.5	5.8	5.7	6.1	5.9	5.3	4.3	5.2	6.7	6.1
	2018	6.8	6.1	4.6	4.9	5.5	5.9	5.7	6.2	6.0	5.4	4.3	5.2	6.8	6.2
	2019	6.8	6.1	4.6	4.9	5.5	5.9	5.8	6.2	6.0	5.4	4.3	5.2	6.8	6.2
	2020	6.9	6.2	4.6	5.0	5.6	5.9	5.8	6.3	6.1	5.4	4.3	5.2	6.9	6.3
	2021	6.9	6.2	4.7	5.0	5.6	6.0	5.8	6.3	6.1	5.5	4.4	5.3	6.9	6.3
	2022	6.9	6.2	4.7	5.0	5.6	6.0	5.9	6.4	6.1	5.5	4.4	5.3	6.9	6.4
	2023	7.0	6.3	4.7	5.1	5.7	6.1	5.9	6.4	6.2	5.5	4.4	5.4	7.0	6.4
	2024	7.0	6.3	4.8	5.1	5.7	6.1	5.9	6.4	6.2	5.6	4.4	5.4	7.0	6.4
	2025	7.1	6.4	4.8	5.1	5.7	6.1	6.0	6.5	6.3	5.6	4.5	5.4	7.1	6.5
Projected	2027	7.2	6.4	4.9	5.2	5.8	6.2	6.1	6.6	6.3	5.7	4.5	5.5	7.2	6.6
	2028	7.2	6.5	4.9	5.2	5.9	6.3	6.1	6.6	6.4	5.7	4.6	5.5	7.2	6.6
	2029	7.3	6.5	4.9	5.3	5.9	6.3	6.1	6.6	6.4	5.8	4.6	5.6	7.3	6.6
	2030	7.3	6.6	4.9	5.3	5.9	6.3	6.2	6.7	6.5	5.8	4.6	5.6	7.3	6.7
	2031	7.4	6.6	5.0	5.3	6.0	6.4	6.2	6.7	6.5	5.8	4.7	5.6	7.4	6.7
	2032	7.4	6.6	5.0	5.4	6.0	6.4	6.3	6.8	6.6	5.9	4.7	5.7	7.4	6.8
	2033	7.5	6.7	5.0	5.4	6.0	6.5	6.3	6.8	6.6	5.9	4.7	5.7	7.5	6.8
	2034	7.5	6.7	5.1	5.4	6.1	6.5	6.3	6.9	6.6	5.9	4.7	5.7	7.5	6.9
	2035	7.5	6.8	5.1	5.5	6.1	6.5	6.4	6.9	6.7	6.0	4.8	5.8	7.5	6.9
	2036	7.6	6.8	5.1	5.5	6.2	6.6	6.4	6.9	6.7	6.0	4.8	5.8	7.6	6.9

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	45.4%	50.7%	53.3%	55.0%	62.3%	57.9%	59.5%	59.6%	57.8%	51.7%	56.3%	52.6%	49.1%	47.7%
	2008	46.4%	47.2%	57.8%	52.1%	62.5%	54.0%	57.9%	58.6%	58.0%	53.8%	47.3%	46.4%	50.3%	47.7%
	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%
Projected	2016	43.3%	45.5%	54.7%	50.0%	61.1%	57.8%	61.0%	56.6%	58.1%	53.7%	56.6%	53.8%	48.1%	47.5%
	2017	48.0%	50.0%	57.6%	49.8%	56.7%	52.9%	60.7%	55.9%	54.9%	52.5%	56.8%	53.3%	43.8%	47.9%
	2018	48.1%	50.1%	57.6%	49.8%	56.8%	52.9%	60.7%	55.9%	54.8%	52.4%	56.9%	53.4%	43.8%	47.9%
	2019	48.1%	50.0%	57.7%	49.9%	56.8%	52.9%	60.7%	55.9%	54.8%	52.4%	56.9%	53.4%	43.8%	47.9%
	2020	48.0%	48.3%	57.7%	49.9%	56.8%	52.9%	60.6%	55.9%	54.8%	52.4%	56.9%	53.3%	43.8%	47.9%
	2021	47.9%	49.9%	57.7%	49.9%	56.8%	52.9%	60.7%	55.9%	54.9%	52.5%	56.9%	53.3%	43.8%	47.9%
	2022	47.9%	49.9%	57.7%	49.9%	56.9%	52.9%	60.6%	55.9%	54.9%	52.5%	56.9%	53.3%	43.8%	47.9%
	2023	47.8%	49.9%	57.7%	49.9%	56.9%	52.9%	60.6%	55.9%	54.9%	52.5%	56.9%	53.3%	43.8%	47.9%
	2024	47.8%	48.2%	57.7%	50.0%	56.9%	52.9%	60.6%	55.9%	54.9%	52.5%	56.9%	53.3%	43.8%	47.9%
Avg.	2007-2016	44.7%	44.9%	53.0%	52.9%	61.0%	55.3%	60.5%	57.7%	57.0%	52.7%	52.4%	54.4%	43.9%	47.9%
	2017-2026	47.9%	49.6%	57.7%	49.9%	56.8%	52.9%	60.7%	55.9%	54.9%	52.5%	56.9%	53.3%	43.8%	47.9%

FMPA 2017 Load Forecast - Severe Weather Case
Bushnell
Monthly Coincident-Peak Demand with ARP (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	5.6	5.5	3.6	4.2	4.3	4.2	5.4	5.2	5.3	5.2	3.7	3.0	5.5	5.2
	2008	5.4	5.0	3.5	3.8	4.2	4.9	5.3	5.3	5.3	4.6	4.2	5.3	5.4	5.3
	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
Projected	2016	6.0	5.7	4.1	4.7	5.1	5.2	5.6	5.3	5.2	5.1	4.1	4.2	5.7	5.6
	2017	6.6	6.0	4.1	4.6	5.0	5.5	5.3	5.6	5.6	5.2	4.1	4.3	6.6	5.6
	2018	6.6	6.1	4.1	4.6	5.0	5.6	5.4	5.6	5.6	5.2	4.2	4.3	6.6	5.6
	2019	6.7	6.1	4.1	4.7	5.1	5.6	5.4	5.6	5.7	5.3	4.2	4.3	6.7	5.6
	2020	6.7	6.2	4.1	4.7	5.1	5.6	5.4	5.7	5.7	5.3	4.2	4.3	6.7	5.7
	2021	6.8	6.2	4.2	4.7	5.1	5.7	5.5	5.7	5.7	5.3	4.2	4.4	6.8	5.7
	2022	6.8	6.2	4.2	4.7	5.2	5.7	5.5	5.7	5.8	5.4	4.3	4.4	6.8	5.7
	2023	6.9	6.3	4.2	4.8	5.2	5.7	5.5	5.8	5.8	5.4	4.3	4.4	6.9	5.8
	2024	6.9	6.3	4.3	4.8	5.2	5.8	5.6	5.8	5.8	5.4	4.3	4.5	6.9	5.8
Projected	2025	6.9	6.4	4.3	4.8	5.3	5.8	5.6	5.9	5.9	5.5	4.4	4.5	6.9	5.9
	2026	7.0	6.4	4.3	4.9	5.3	5.9	5.6	5.9	5.9	5.5	4.4	4.5	7.0	5.9
	2027	7.0	6.4	4.3	4.9	5.3	5.9	5.7	5.9	6.0	5.5	4.4	4.5	7.0	5.9
	2028	7.1	6.5	4.4	4.9	5.4	5.9	5.7	6.0	6.0	5.6	4.4	4.6	7.1	6.0
	2029	7.1	6.5	4.4	5.0	5.4	6.0	5.8	6.0	6.0	5.6	4.5	4.6	7.1	6.0
	2030	7.2	6.6	4.4	5.0	5.4	6.0	5.8	6.0	6.1	5.6	4.5	4.6	7.2	6.0
	2031	7.2	6.6	4.5	5.0	5.5	6.0	5.8	6.1	6.1	5.7	4.5	4.7	7.2	6.1
	2032	7.3	6.6	4.5	5.1	5.5	6.1	5.9	6.1	6.2	5.7	4.6	4.7	7.3	6.1
	2033	7.3	6.7	4.5	5.1	5.5	6.1	5.9	6.2	6.2	5.8	4.6	4.7	7.3	6.2
Projected	2034	7.4	6.7	4.5	5.1	5.6	6.2	5.9	6.2	6.2	5.8	4.6	4.8	7.4	6.2
	2035	7.4	6.8	4.6	5.2	5.6	6.2	6.0	6.2	6.3	5.8	4.6	4.8	7.4	6.2
	2036	7.4	6.8	4.6	5.2	5.6	6.2	6.0	6.3	6.3	5.9	4.7	4.8	7.4	6.3

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	99.3%	100.0%	76.3%	93.3%	85.4%	82.8%	100.0%	88.6%	96.2%	95.0%	95.0%	65.8%	96.6%	88.6%
	2008	100.0%	99.0%	88.3%	84.1%	83.7%	89.7%	97.5%	97.2%	92.2%	93.8%	85.4%	100.0%	100.0%	93.8%
	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%
Projected	2016	100.0%	100.0%	94.5%	96.4%	98.1%	94.6%	93.9%	87.3%	92.0%	97.5%	97.3%	82.7%	94.9%	92.1%
	2017	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2018	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2019	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2020	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2021	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2022	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2023	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2024	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
Projected	2025	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
	2026	98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%
2007-2016		98.2%	99.0%	88.7%	92.0%	89.1%	94.3%	95.3%	91.1%	94.7%	94.4%	89.3%	85.4%	97.0%	92.0%
2017-2026		98.1%	100.0%	89.4%	94.3%	91.5%	94.7%	93.8%	90.4%	93.9%	97.5%	97.3%	82.7%	98.1%	90.4%

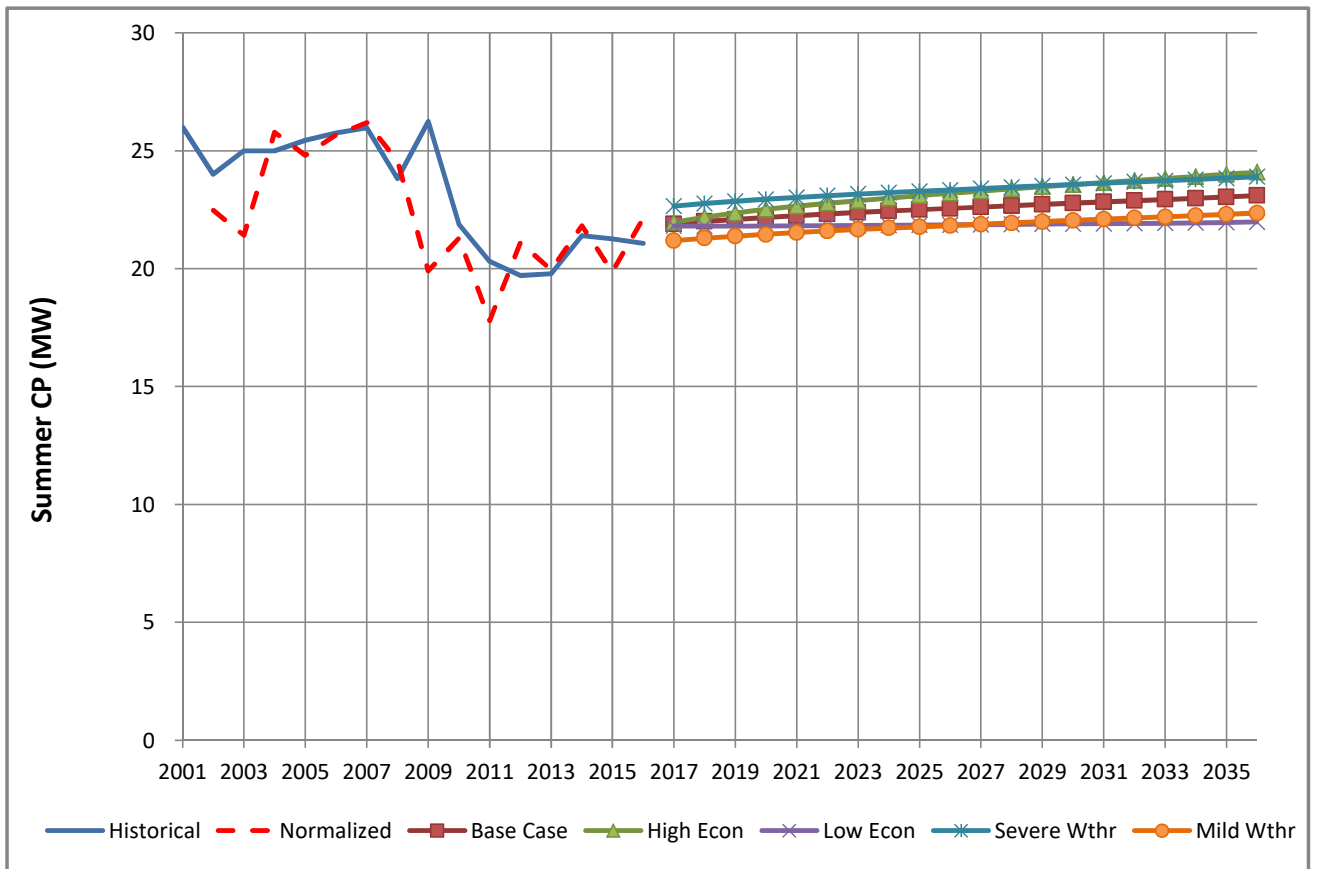
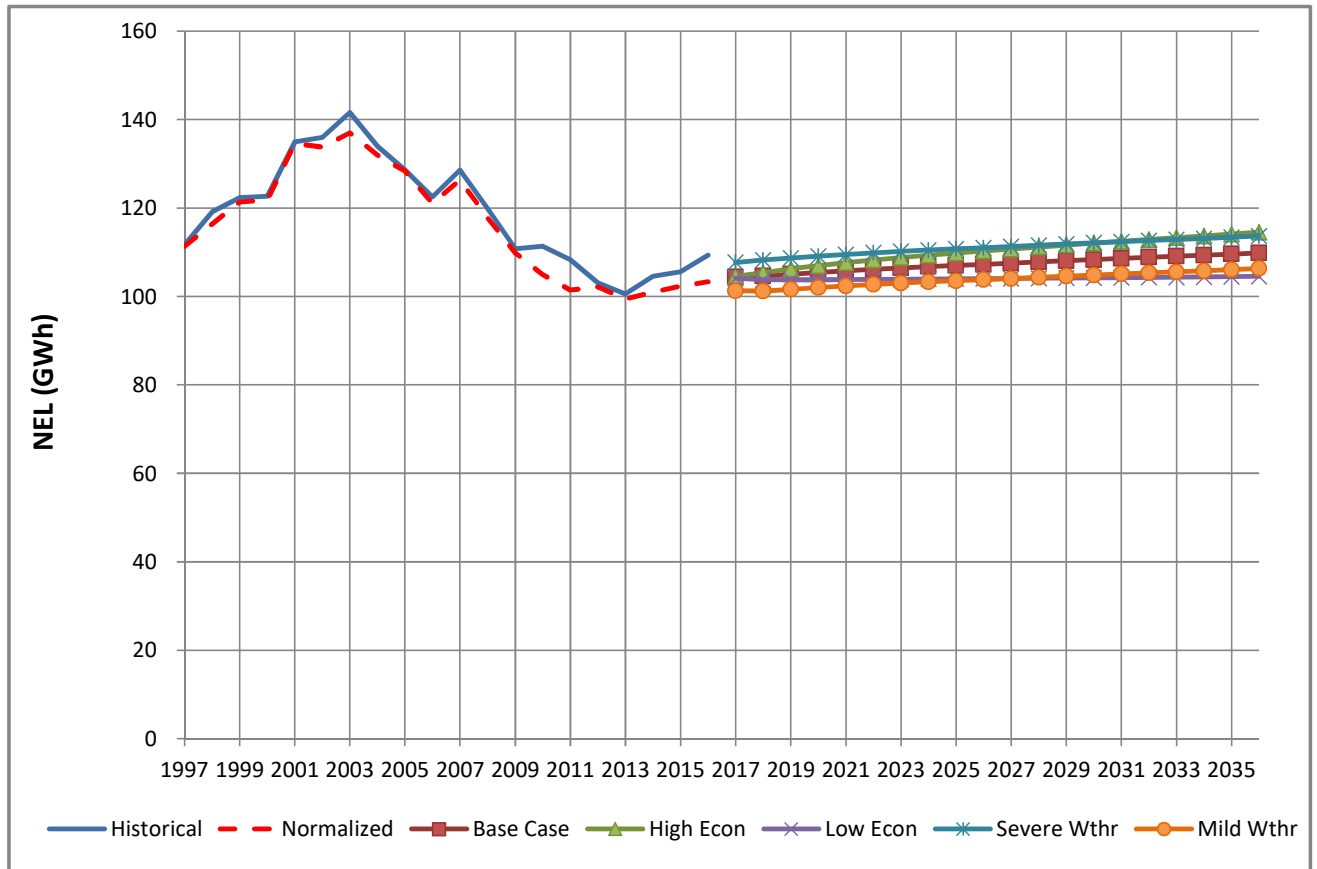
FMPA 2017 Load Forecast - Severe Weather Case - Bushnell

Historical and Projected - Energy Sales by Customer Class (Fiscal Year 2007-2036)

Fiscal Year		Residential						General Service						TOTAL SALES		DISTR.	TOTAL NEL	
		Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	LOSSES	(MWh)	% Chg
																(MWh)		
Historical	2007	8,696		756		11,498		14,901		291		51.3		23,597		1,022	24,619	
	2008	8,428	-3.1%	749	-1.0%	11,260	-2.1%	14,453	-3.0%	285	-1.9%	50.7	-1.1%	22,881	-3.0%	941	23,822	-3.2%
	2009	8,512	1.0%	743	-0.7%	11,454	1.7%	14,810	2.5%	283	-0.8%	52.4	3.3%	23,322	1.9%	1,515	24,837	4.3%
	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	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	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	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	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	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	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	24,927	2.8%
Projected	2017	9,451	9.3%	766	1.3%	12,345	7.8%	15,323	-0.3%	286	1.7%	53.7	-2.0%	24,774	3.1%	1,014	25,789	3.5%
	2018	9,538	0.9%	769	0.5%	12,400	0.4%	15,424	0.7%	288	0.7%	53.6	0.0%	24,962	0.8%	1,024	25,986	0.8%
	2019	9,529	-0.1%	772	0.3%	12,348	-0.4%	15,580	1.0%	289	0.7%	53.8	0.4%	25,109	0.6%	1,029	26,139	0.6%
	2020	9,504	-0.3%	775	0.4%	12,268	-0.6%	15,733	1.0%	291	0.6%	54.0	0.4%	25,237	0.5%	1,035	26,271	0.5%
	2021	9,488	-0.2%	778	0.4%	12,203	-0.5%	15,885	1.0%	293	0.6%	54.2	0.4%	25,373	0.5%	1,040	26,413	0.5%
	2022	9,515	0.3%	780	0.3%	12,199	0.0%	16,036	0.9%	294	0.5%	54.5	0.4%	25,551	0.7%	1,047	26,598	0.7%
	2023	9,545	0.3%	783	0.3%	12,197	0.0%	16,187	0.9%	296	0.5%	54.7	0.4%	25,731	0.7%	1,055	26,786	0.7%
	2024	9,571	0.3%	785	0.3%	12,190	-0.1%	16,337	0.9%	297	0.5%	55.0	0.5%	25,908	0.7%	1,062	26,970	0.7%
	2025	9,596	0.3%	788	0.3%	12,185	0.0%	16,486	0.9%	299	0.4%	55.2	0.5%	26,082	0.7%	1,069	27,151	0.7%
	2026	9,618	0.2%	790	0.3%	12,176	-0.1%	16,634	0.9%	300	0.4%	55.5	0.5%	26,252	0.7%	1,076	27,328	0.7%
	2027	9,630	0.1%	792	0.3%	12,154	-0.2%	16,782	0.9%	301	0.4%	55.7	0.5%	26,412	0.6%	1,082	27,495	0.6%
	2028	9,643	0.1%	795	0.3%	12,135	-0.2%	16,931	0.9%	302	0.4%	56.0	0.5%	26,574	0.6%	1,089	27,663	0.6%
	2029	9,662	0.2%	797	0.3%	12,124	-0.1%	17,079	0.9%	303	0.4%	56.3	0.5%	26,741	0.6%	1,096	27,837	0.6%
	2030	9,679	0.2%	799	0.3%	12,111	-0.1%	17,227	0.9%	305	0.4%	56.6	0.5%	26,905	0.6%	1,102	28,008	0.6%
	2031	9,711	0.3%	801	0.3%	12,118	0.1%	17,373	0.9%	306	0.4%	56.9	0.5%	27,085	0.7%	1,110	28,195	0.7%
	2032	9,747	0.4%	804	0.3%	12,128	0.1%	17,519	0.8%	307	0.3%	57.1	0.5%	27,265	0.7%	1,117	28,382	0.7%
	2033	9,783	0.4%	806	0.3%	12,141	0.1%	17,663	0.8%	308	0.3%	57.4	0.5%	27,447	0.7%	1,124	28,571	0.7%
	2034	9,812	0.3%	808	0.3%	12,143	0.0%	17,809	0.8%	309	0.3%	57.7	0.5%	27,621	0.6%	1,131	28,752	0.6%
	2035	9,839	0.3%	810	0.3%	12,144	0.0%	17,956	0.8%	310	0.3%	58.0	0.5%	27,795	0.6%	1,139	28,933	0.6%
	2036	9,863	0.2%	812	0.3%	12,140	0.0%	18,104	0.8%	311	0.3%	58.3	0.5%	27,967	0.6%	1,146	29,113	0.6%
CAGR	2007-2016		-0.1%		0.0%		0.0%		0.3%		-0.4%		0.7%		0.2%			0.1%
	2017-2026		0.2%		0.3%		-0.2%		0.9%		0.5%		0.4%		0.6%			0.6%
	2027-2036		0.3%		0.3%		0.0%		0.8%		0.3%		0.5%		0.6%			0.6%

CAGR - Compound Average Growth Rate

FMPA 2017 Load Forecast **Clewiston** Historical and Projected NEL and Annual Coincident Peak Demand



FMPA 2017 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	2007	128,584	-	126,543	-	-1.6%	18.9	-	24.4	-	28.8%	26.0	-	26.2		0.9%
	2008	119,914	-6.7%	117,885	-6.8%	-1.7%	23.2	22.6%	21.9	-10.2%	-5.6%	23.8	-8.3%	24.6	-6.2%	3.2%
	2009	110,751	-7.6%	109,987	-6.7%	-0.7%	21.7	-6.4%	19.0	-13.5%	-12.7%	26.2	10.2%	19.9	-19.0%	-24.2%
	2010	111,347	0.5%	105,622	-4.0%	-5.1%	25.6	18.0%	20.3	7.1%	-20.7%	21.9	-16.6%	21.3	7.0%	-2.7%
	2011	108,348	-2.7%	101,505	-3.9%	-6.3%	23.5	-8.2%	22.4	10.1%	-4.9%	20.3	-7.2%	20.2	-4.9%	-0.3%
	2012	103,126	-4.8%	101,600	0.1%	-1.5%	19.3	-18.2%	18.1	-19.1%	-6.0%	19.7	-2.9%	21.1	4.3%	7.1%
	2013	100,568	-2.5%	99,417	-2.1%	-1.1%	14.9	-22.9%	13.6	-25.1%	-8.7%	19.8	0.4%	19.9	-5.5%	0.9%
	2014	104,563	4.0%	100,978	1.6%	-3.4%	15.9	7.1%	17.4	28.7%	9.6%	21.4	8.2%	21.8	9.4%	2.0%
	2015	105,534	0.9%	102,292	1.3%	-3.1%	26.8	68.6%	15.2	-12.9%	-43.3%	21.3	-0.6%	19.9	-9.0%	-6.6%
	2016	109,324	3.6%	103,299	1.0%	-5.5%	15.6	-41.8%	16.3	7.4%	4.5%	21.1	-0.9%	22.1	11.4%	5.0%
Projected	2017	104,117	-4.8%	104,117	0.8%		16.1	3.2%	16.1	-1.2%		21.8	3.5%	21.8	-1.4%	
	2018			103,742	-0.4%				16.1	0.0%				21.8	0.0%	
	2019			103,744	0.0%				16.1	0.0%				21.8	0.0%	
	2020			103,738	0.0%				16.1	0.0%				21.8	0.0%	
	2021			103,804	0.1%				16.1	0.1%				21.8	0.1%	
	2022			103,838	0.0%				16.1	0.0%				21.8	0.0%	
	2023			103,880	0.0%				16.1	0.0%				21.8	0.0%	
	2024			103,926	0.0%				16.1	0.0%				21.8	0.0%	
	2025			103,967	0.0%				16.1	0.0%				21.9	0.0%	
	2026			104,009	0.0%				16.2	0.0%				21.9	0.0%	
	2027			104,056	0.0%				16.2	0.0%				21.9	0.0%	
	2028			104,106	0.0%				16.2	0.0%				21.9	0.0%	
	2029			104,153	0.0%				16.2	0.0%				21.9	0.0%	
	2030			104,197	0.0%				16.2	0.0%				21.9	0.0%	
	2031			104,237	0.0%				16.2	0.0%				21.9	0.0%	
	2032			104,285	0.0%				16.2	0.0%				21.9	0.0%	
	2033			104,339	0.1%				16.2	0.1%				21.9	0.1%	
	2034			104,402	0.1%				16.2	0.1%				21.9	0.1%	
	2035			104,467	0.1%				16.2	0.1%				22.0	0.1%	
	2036			104,567	0.1%				16.2	0.1%				22.0	0.1%	
CAGR ^[3]	2007-2016		-1.8%		-2.2%			-2.1%		-4.4%			-2.3%		-1.9%	
	2017-2026				0.0%					0.0%					0.0%	
	2027-2036				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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	128,584	-	126,543	-	-1.6%	25.6	-	57.3%	27.9	-	52.6%
	2008	119,914	-6.7%	117,885	-6.8%	-1.7%	28.8	12.3%	47.6%	26.9	-3.5%	50.9%
	2009	110,751	-7.6%	109,987	-6.7%	-0.7%	21.8	-24.2%	58.0%	26.5	-1.4%	47.7%
	2010	111,347	0.5%	105,622	-4.0%	-5.1%	25.6	17.6%	49.6%	27.7	4.3%	46.0%
	2011	108,348	-2.7%	101,505	-3.9%	-6.3%	23.7	-7.5%	52.1%	28.6	3.4%	43.2%
	2012	103,126	-4.8%	101,600	0.1%	-1.5%	20.6	-13.2%	57.2%	27.3	-4.7%	43.2%
	2013	100,568	-2.5%	99,417	-2.1%	-1.1%	22.9	11.2%	50.2%	24.6	-9.8%	46.7%
	2014	104,563	4.0%	100,978	1.6%	-3.4%	17.4	-23.8%	68.4%	26.7	8.6%	44.7%
	2015	105,534	0.9%	102,292	1.3%	-3.1%	26.9	54.2%	44.8%	26.7	-0.1%	45.2%
	2016	109,324	3.6%	103,299	1.0%	-5.5%	19.4	-28.0%	64.4%	25.6	-4.2%	48.8%
Projected	2017	104,117	-4.8%	104,117	0.8%		21.7	11.9%	54.8%	25.7	0.7%	46.2%
	2018	103,742	-0.4%	103,742	-0.4%		21.7	0.0%	54.7%	25.7	0.0%	46.0%
	2019	103,744	0.0%	103,744	0.0%		21.7	0.0%	54.7%	25.7	0.0%	46.1%
	2020	103,738	0.0%	103,738	0.0%		21.7	0.0%	54.7%	25.7	0.0%	46.0%
	2021	103,804	0.1%	103,804	0.1%		21.7	0.1%	54.7%	25.7	0.1%	46.0%
	2022	103,838	0.0%	103,838	0.0%		21.7	0.0%	54.7%	25.7	0.0%	46.0%
	2023	103,880	0.0%	103,880	0.0%		21.7	0.0%	54.7%	25.8	0.0%	46.0%
	2024	103,926	0.0%	103,926	0.0%		21.7	0.0%	54.7%	25.8	0.0%	46.0%
	2025	103,967	0.0%	103,967	0.0%		21.7	0.0%	54.7%	25.8	0.0%	46.0%
	2026	104,009	0.0%	104,009	0.0%		21.7	0.0%	54.7%	25.8	0.0%	46.0%
	2027	104,056	0.0%	104,056	0.0%		21.7	0.0%	54.7%	25.8	0.0%	46.0%
	2028	104,106	0.0%	104,106	0.0%		21.7	0.0%	54.7%	25.8	0.0%	46.0%
	2029	104,153	0.0%	104,153	0.0%		21.7	0.0%	54.7%	25.8	0.0%	46.0%
	2030	104,197	0.0%	104,197	0.0%		21.8	0.0%	54.7%	25.8	0.0%	46.0%
	2031	104,237	0.0%	104,237	0.0%		21.8	0.0%	54.7%	25.8	0.0%	46.0%
	2032	104,285	0.0%	104,285	0.0%		21.8	0.0%	54.7%	25.9	0.0%	46.0%
	2033	104,339	0.1%	104,339	0.1%		21.8	0.1%	54.7%	25.9	0.1%	46.0%
	2034	104,402	0.1%	104,402	0.1%		21.8	0.1%	54.7%	25.9	0.1%	46.0%
	2035	104,467	0.1%	104,467	0.1%		21.8	0.1%	54.7%	25.9	0.1%	46.0%
	2036	104,567	0.1%	104,567	0.1%		21.8	0.1%	54.7%	25.9	0.1%	46.0%
CAGR ^[1]	2007-2016		-1.8%		-2.2%			-3.1%	54.9%		-1.0%	46.9%
	2017-2026		0.0%		0.0%			0.0%	54.7%		0.0%	46.1%
	2027-2036		0.1%		0.1%			0.1%	54.7%		0.1%	46.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Low Economic Case
Clewiston
 Monthly Net Energy for Load (MWh)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2007	10,376	8,249	8,786	9,466	10,709	11,346	13,035	14,372	12,696	13,485	10,034	9,044	131,597	128,584
	2008	8,236	7,940	8,736	8,614	10,609	10,985	10,360	11,134	10,737	9,320	7,200	8,064	111,935	119,914
	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	9,827	7,710	7,359	107,875	109,324
Projected	2017	7,070	7,223	7,688	7,981	9,252	10,272	9,735	10,572	9,427	9,539	7,692	7,336	103,787	104,117
	2018	7,051	7,211	7,662	7,977	9,252	10,276	9,738	10,578	9,430	9,546	7,698	7,342	103,761	103,742
	2019	7,054	7,212	7,661	7,977	9,250	10,272	9,734	10,573	9,425	9,543	7,695	7,340	103,736	103,744
	2020	7,052	7,212	7,661	7,977	9,250	10,272	9,734	10,575	9,428	9,548	7,701	7,346	103,755	103,738
	2021	7,057	7,217	7,667	7,983	9,257	10,277	9,739	10,580	9,432	9,551	7,703	7,348	103,813	103,804
	2022	7,059	7,219	7,670	7,987	9,260	10,280	9,742	10,583	9,435	9,555	7,706	7,351	103,847	103,838
	2023	7,061	7,222	7,673	7,991	9,264	10,285	9,745	10,587	9,439	9,559	7,710	7,355	103,892	103,880
	2024	7,064	7,226	7,677	7,995	9,269	10,289	9,749	10,591	9,442	9,563	7,714	7,358	103,936	103,926
	2025	7,067	7,229	7,680	7,999	9,273	10,292	9,752	10,595	9,446	9,567	7,717	7,361	103,977	103,967
	2026	7,069	7,232	7,684	8,003	9,277	10,296	9,756	10,599	9,449	9,571	7,720	7,365	104,020	104,009
Projected	2027	7,072	7,235	7,687	8,007	9,281	10,301	9,760	10,604	9,453	9,576	7,724	7,369	104,068	104,056
	2028	7,075	7,239	7,691	8,012	9,286	10,305	9,764	10,609	9,457	9,580	7,728	7,372	104,118	104,106
	2029	7,078	7,242	7,695	8,016	9,290	10,310	9,767	10,613	9,461	9,584	7,732	7,376	104,165	104,153
	2030	7,081	7,245	7,699	8,020	9,294	10,313	9,771	10,617	9,464	9,588	7,735	7,379	104,206	104,197
	2031	7,083	7,248	7,702	8,024	9,298	10,317	9,774	10,621	9,468	9,592	7,739	7,382	104,249	104,237
	2032	7,086	7,251	7,706	8,028	9,303	10,322	9,778	10,626	9,472	9,597	7,743	7,386	104,298	104,285
	2033	7,089	7,255	7,710	8,033	9,308	10,327	9,783	10,631	9,477	9,602	7,747	7,391	104,354	104,339
	2034	7,093	7,260	7,715	8,039	9,314	10,333	9,788	10,637	9,482	9,608	7,752	7,396	104,417	104,402
	2035	7,097	7,264	7,720	8,045	9,320	10,339	9,793	10,644	9,488	9,614	7,758	7,401	104,484	104,467
	2036	7,102	7,270	7,727	8,053	9,330	10,350	9,804	10,657	9,501	9,628	7,769	7,412	104,604	104,567

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2007	7.9%	6.3%	6.7%	7.2%	8.1%	8.6%	9.9%	10.9%	9.6%	10.2%	7.6%	6.9%	100.0%
	2008	7.4%	7.1%	7.8%	7.7%	9.5%	9.8%	9.3%	9.9%	9.6%	8.3%	6.4%	7.2%	100.0%
	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	6.3%	6.1%	7.2%	7.6%	8.9%	10.1%	10.5%	10.4%	9.6%	9.1%	7.1%	6.8%	100.0%
Projected	2017	6.8%	7.0%	7.4%	7.7%	8.9%	9.9%	9.4%	10.2%	9.1%	9.2%	7.4%	7.1%	100.0%
	2018	6.8%	6.9%	7.4%	7.7%	8.9%	9.9%	9.4%	10.2%	9.1%	9.2%	7.4%	7.1%	100.0%
	2019	6.8%	7.0%	7.4%	7.7%	8.9%	9.9%	9.4%	10.2%	9.1%	9.2%	7.4%	7.1%	100.0%
	2020	6.8%	7.0%	7.4%	7.7%	8.9%	9.9%	9.4%	10.2%	9.1%	9.2%	7.4%	7.1%	100.0%
	2021	6.8%	7.0%	7.4%	7.7%	8.9%	9.9%	9.4%	10.2%	9.1%	9.2%	7.4%	7.1%	100.0%
	2022	6.8%	7.0%	7.4%	7.7%	8.9%	9.9%	9.4%	10.2%	9.1%	9.2%	7.4%	7.1%	100.0%
	2023	6.8%	7.0%	7.4%	7.7%	8.9%	9.9%	9.4%	10.2%	9.1%	9.2%	7.4%	7.1%	100.0%
	2024	6.8%	7.0%	7.4%	7.7%	8.9%	9.9%	9.4%	10.2%	9.1%	9.2%	7.4%	7.1%	100.0%
	2025	6.8%	7.0%	7.4%	7.7%	8.9%	9.9%	9.4%	10.2%	9.1%	9.2%	7.4%	7.1%	100.0%
	2026	6.8%	7.0%	7.4%	7.7%	8.9%	9.9%	9.4%	10.2%	9.1%	9.2%	7.4%	7.1%	100.0%
Avg.	2007-2016	7.1%	6.5%	7.2%	7.8%	9.1%	10.0%	9.7%	10.1%	9.4%	8.9%	7.1%	7.1%	100.0%
	2017-2026	6.8%	7.0%	7.4%	7.7%	8.9%	9.9%	9.4%	10.2%	9.1%	9.2%	7.4%	7.1%	100.0%

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FMPA 2017 Load Forecast - Low Economic Case
Clewiston
Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	23.1	20.8	25.6	24.1	24.2	24.7	26.7	27.9	26.6	31.5	28.8	20.7	25.6	27.9
	2008	24.0	18.9	25.1	18.2	21.2	26.3	21.2	26.9	25.6	21.6	17.1	17.5	28.8	26.9
	2009	20.9	21.8	17.2	19.2	23.2	26.5	21.2	21.5	22.3	23.1	16.1	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	21.5	21.7	15.2	19.4	25.6
Projected	2017	19.1	16.0	17.1	18.5	19.7	25.7	20.4	23.4	21.0	21.6	21.7	15.2	21.7	25.7
	2018	19.1	16.0	17.1	18.4	19.7	25.7	20.4	23.4	21.0	21.6	21.7	15.2	21.7	25.7
	2019	19.1	16.0	17.1	18.4	19.7	25.7	20.4	23.4	21.0	21.6	21.7	15.2	21.7	25.7
	2020	19.1	16.0	17.1	18.4	19.7	25.7	20.4	23.4	21.0	21.6	21.7	15.2	21.7	25.7
	2021	19.1	16.0	17.1	18.5	19.7	25.7	20.4	23.4	21.0	21.6	21.7	15.2	21.7	25.7
	2022	19.1	16.0	17.1	18.5	19.7	25.7	20.4	23.4	21.0	21.6	21.7	15.2	21.7	25.7
	2023	19.1	16.0	17.1	18.5	19.7	25.8	20.4	23.4	21.0	21.7	21.7	15.3	21.7	25.8
	2024	19.1	16.0	17.2	18.5	19.7	25.8	20.4	23.4	21.0	21.7	21.7	15.3	21.7	25.8
	2025	19.1	16.0	17.2	18.5	19.7	25.8	20.4	23.4	21.0	21.7	21.7	15.3	21.7	25.8
Projected	2027	19.2	16.0	17.2	18.5	19.8	25.8	20.5	23.5	21.0	21.7	21.7	15.3	21.7	25.8
	2028	19.2	16.0	17.2	18.5	19.8	25.8	20.5	23.5	21.0	21.7	21.7	15.3	21.7	25.8
	2029	19.2	16.1	17.2	18.5	19.8	25.8	20.5	23.5	21.1	21.7	21.8	15.3	21.7	25.8
	2030	19.2	16.1	17.2	18.5	19.8	25.8	20.5	23.5	21.1	21.7	21.8	15.3	21.8	25.8
	2031	19.2	16.1	17.2	18.5	19.8	25.8	20.5	23.5	21.1	21.7	21.8	15.3	21.8	25.8
	2032	19.2	16.1	17.2	18.5	19.8	25.9	20.5	23.5	21.1	21.7	21.8	15.3	21.8	25.9
	2033	19.2	16.1	17.2	18.6	19.8	25.9	20.5	23.5	21.1	21.8	21.8	15.3	21.8	25.9
	2034	19.2	16.1	17.2	18.6	19.8	25.9	20.5	23.5	21.1	21.8	21.8	15.3	21.8	25.9
	2035	19.2	16.1	17.2	18.6	19.8	25.9	20.5	23.6	21.1	21.8	21.8	15.4	21.8	25.9
	2036	19.3	16.1	17.3	18.6	19.9	25.9	20.6	23.6	21.1	21.8	21.9	15.4	21.8	25.9

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	60.4%	59.1%	46.1%	52.7%	65.9%	61.8%	67.9%	69.3%	66.2%	57.6%	46.8%	60.6%	58.6%	53.9%
	2008	46.1%	60.4%	46.7%	63.5%	74.3%	56.0%	68.0%	55.7%	58.2%	57.9%	56.4%	64.0%	44.4%	47.5%
	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%
Projected	2016	62.3%	60.8%	58.8%	54.4%	68.1%	57.5%	65.2%	66.3%	57.6%	61.5%	47.8%	67.1%	63.6%	48.2%
	2017	49.7%	67.2%	60.3%	58.1%	69.9%	53.7%	66.2%	60.7%	62.4%	59.3%	47.7%	66.9%	54.7%	46.0%
	2018	49.6%	67.1%	60.1%	58.1%	69.9%	53.7%	66.3%	60.8%	62.5%	59.3%	47.8%	67.0%	54.7%	46.0%
	2019	49.7%	67.1%	60.1%	58.1%	69.9%	53.7%	66.3%	60.8%	62.4%	59.3%	47.7%	67.0%	54.7%	46.0%
	2020	49.6%	64.8%	60.1%	58.1%	69.9%	53.7%	66.3%	60.8%	62.4%	59.3%	47.8%	67.0%	54.7%	46.0%
	2021	49.6%	67.1%	60.1%	58.1%	69.9%	53.7%	66.3%	60.8%	62.4%	59.3%	47.8%	67.0%	54.7%	46.0%
	2022	49.6%	67.1%	60.1%	58.1%	69.9%	53.7%	66.3%	60.8%	62.4%	59.3%	47.8%	67.0%	54.7%	46.0%
	2023	49.6%	67.1%	60.1%	58.1%	69.9%	53.7%	66.3%	60.8%	62.4%	59.3%	47.8%	67.0%	54.7%	46.0%
	2024	49.6%	64.8%	60.1%	58.1%	69.9%	53.7%	66.2%	60.7%	62.4%	59.3%	47.8%	67.0%	54.7%	46.0%
Avg.	2007-2016	54.2%	56.2%	56.6%	58.1%	69.5%	57.5%	66.0%	63.5%	62.4%	57.6%	53.1%	64.2%	54.7%	46.7%
	2017-2026	49.6%	66.7%	60.2%	58.1%	69.9%	53.7%	66.3%	60.8%	62.4%	59.3%	47.8%	67.0%	54.7%	46.0%

FMPA 2017 Load Forecast - Low Economic Case
Clewiston
Monthly Coincident-Peak Demand with ARP (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	20.5	18.9	18.6	19.2	21.6	24.4	21.3	26.0	21.3	25.6	22.1	17.8	18.9	26.0
	2008	23.2	14.8	25.1	16.2	21.2	19.9	20.9	23.8	20.8	18.4	17.0	13.8	23.2	23.8
	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	18.1	17.2	13.4	15.6	21.1
Projected	2017	16.1	13.7	15.4	17.6	18.5	21.0	17.3	21.8	17.7	18.2	17.2	13.4	16.1	21.8
	2018	16.1	13.7	15.4	17.6	18.5	21.0	17.3	21.8	17.7	18.2	17.2	13.4	16.1	21.8
	2019	16.1	13.7	15.4	17.6	18.5	21.0	17.3	21.8	17.7	18.2	17.2	13.4	16.1	21.8
	2020	16.1	13.7	15.4	17.6	18.5	21.0	17.3	21.8	17.7	18.2	17.2	13.4	16.1	21.8
	2021	16.1	13.7	15.4	17.6	18.5	21.0	17.3	21.8	17.7	18.2	17.2	13.4	16.1	21.8
	2022	16.1	13.7	15.4	17.6	18.5	21.0	17.3	21.8	17.7	18.2	17.2	13.4	16.1	21.8
	2023	16.1	13.7	15.4	17.6	18.5	21.0	17.3	21.8	17.7	18.2	17.2	13.4	16.1	21.8
	2024	16.1	13.7	15.4	17.7	18.5	21.0	17.3	21.8	17.7	18.2	17.2	13.4	16.1	21.8
	2025	16.1	13.7	15.4	17.7	18.5	21.0	17.3	21.9	17.7	18.2	17.2	13.4	16.1	21.9
Projected	2026	16.2	13.7	15.4	17.7	18.5	21.0	17.3	21.9	17.7	18.3	17.2	13.4	16.2	21.9
	2027	16.2	13.7	15.4	17.7	18.5	21.1	17.3	21.9	17.7	18.3	17.2	13.5	16.2	21.9
	2028	16.2	13.7	15.4	17.7	18.6	21.1	17.4	21.9	17.7	18.3	17.3	13.5	16.2	21.9
	2029	16.2	13.7	15.4	17.7	18.6	21.1	17.4	21.9	17.7	18.3	17.3	13.5	16.2	21.9
	2030	16.2	13.7	15.4	17.7	18.6	21.1	17.4	21.9	17.7	18.3	17.3	13.5	16.2	21.9
	2031	16.2	13.8	15.4	17.7	18.6	21.1	17.4	21.9	17.7	18.3	17.3	13.5	16.2	21.9
	2032	16.2	13.8	15.4	17.7	18.6	21.1	17.4	21.9	17.8	18.3	17.3	13.5	16.2	21.9
	2033	16.2	13.8	15.5	17.7	18.6	21.1	17.4	21.9	17.8	18.3	17.3	13.5	16.2	21.9
	2034	16.2	13.8	15.5	17.7	18.6	21.1	17.4	21.9	17.8	18.3	17.3	13.5	16.2	21.9
	2035	16.2	13.8	15.5	17.7	18.6	21.1	17.4	22.0	17.8	18.3	17.3	13.5	16.2	22.0
	2036	16.2	13.8	15.5	17.8	18.6	21.2	17.4	22.0	17.8	18.4	17.3	13.5	16.2	22.0

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	88.7%	91.2%	72.6%	79.7%	89.2%	99.0%	79.9%	93.2%	80.1%	81.4%	76.9%	85.7%	73.9%	93.2%
	2008	96.8%	78.1%	100.0%	89.1%	99.7%	75.7%	98.8%	88.5%	81.3%	85.0%	99.0%	78.7%	80.7%	88.5%
	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%	84.2%	79.3%	88.1%	80.6%	82.4%
Projected	2017	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2018	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2019	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2020	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2021	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2022	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2023	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2024	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2025	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2026	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
2007-2016		90.2%	87.1%	91.2%	90.3%	92.6%	84.5%	88.3%	90.7%	84.5%	84.9%	83.2%	87.4%	88.3%	82.6%
2017-2026		84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%

FMPA 2017 Load Forecast - Low Economic Case - Clewiston

Historical and Projected - Energy Sales by Customer Class
(Fiscal Year 2007-2036)

	Fiscal Year	Residential						General Service Non-Demand						General Service Demand						US Sugar		Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
		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)	% Chg	(MWh)	% Chg
Historical	2007	52,567		3,349		15,699		11,943		568		21.0		37,052		101		367		16,237		737		118,536		10,048		128,584	
	2008	50,957	-3.1%	3,353	0.1%	15,198	-3.2%	10,249	-14.2%	550	-3.2%	18.6	-11.4%	39,620	6.9%	116	14.9%	342	-6.9%	9,958	-38.7%	725	-1.6%	111,509	-5.9%	8,404		119,914	-6.7%
	2009	49,474	-2.9%	3,324	-0.9%	14,884	-2.1%	9,969	-2.7%	523	-5.0%	19.1	2.4%	38,063	-3.9%	116	0.1%	328	-4.0%	5,738	-42.4%	712	-1.8%	103,956	-6.8%	6,795		110,751	-7.6%
	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		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		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		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		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		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		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		109,324	3.6%
Projected	2017	48,901	-5.3%	3,430	-0.1%	14,257	-5.2%	8,506	-2.8%	475	0.8%	17.9	-3.6%	37,073	-4.2%	132	-0.5%	282	-3.6%	1,975	-5.0%	406	0.0%	96,862	-4.6%	7,255		104,117	-4.8%
	2018	48,920	0.0%	3,426	-0.1%	14,278	0.1%	8,350	-1.8%	477	0.5%	17.5	-2.3%	36,859	-0.6%	129	-1.9%	285	1.4%	1,975	0.0%	406	0.0%	96,510	-0.4%	7,232		103,742	-0.4%
	2019	48,893	-0.1%	3,426	0.0%	14,270	-0.1%	8,370	0.2%	479	0.4%	17.5	-0.2%	36,869	0.0%	129	0.1%	285	-0.1%	1,975	0.0%	406	0.0%	96,514	0.0%	7,231		103,744	0.0%
	2020	48,809	-0.2%	3,428	0.1%	14,238	-0.2%	8,418	0.6%	481	0.3%	17.5	0.2%	36,899	0.1%	130	0.6%	284	-0.6%	1,975	0.0%	406	0.0%	96,507	0.0%	7,231		103,738	0.0%
	2021	48,785	0.0%	3,432	0.1%	14,214	-0.2%	8,470	0.6%	482	0.3%	17.6	0.3%	36,933	0.1%	131	0.8%	282	-0.7%	1,975	0.0%	406	0.0%	96,568	0.1%	7,235		103,804	0.1%
	2022	48,735	-0.1%	3,432	0.0%	14,199	-0.1%	8,519	0.6%	483	0.2%	17.6	0.4%	36,964	0.1%	132	0.8%	280	-0.7%	1,975	0.0%	406	0.0%	96,600	0.0%	7,238		103,838	0.0%
	2023	48,693	-0.1%	3,432	0.0%	14,187	-0.1%	8,570	0.6%	484	0.2%	17.7	0.4%	36,995	0.1%	133	0.8%	278	-0.7%	1,975	0.0%	406	0.0%	96,639	0.0%	7,241		103,880	0.0%
	2024	48,654	-0.1%	3,432	0.0%	14,176	-0.1%	8,620	0.6%	485	0.2%	17.8	0.4%	37,027	0.1%	134	0.8%	276	-0.7%	1,975	0.0%	406	0.0%	96,682	0.0%	7,244		103,926	0.0%
	2025	48,619	-0.1%	3,432	0.0%	14,165	-0.1%	8,665	0.5%	486	0.2%	17.8	0.4%	37,055	0.1%	135	0.7%	274	-0.6%	1,975	0.0%	406	0.0%	96,719	0.0%	7,247		103,967	0.0%
	2026	48,587	-0.1%	3,432	0.0%	14,156	-0.1%	8,709	0.5%	487	0.2%	17.9	0.3%	37,082	0.1%	136	0.7%	273	-0.6%	1,975	0.0%	406	0.0%	96,759	0.0%	7,250		104,009	0.0%
	2027	48,556	-0.1%	3,432	0.0%	14,147	-0.1%	8,754	0.5%	488	0.2%	17.9	0.4%	37,110	0.1%	137	0.7%	271	-0.6%	1,975	0.0%	406	0.0%	96,802	0.0%	7,254		104,056	0.0%
	2028	48,528	-0.1%	3,432	0.0%	14,139	-0.1%	8,801	0.5%	489	0.2%	18.0	0.4%	37,139	0.1%	138	0.7%	269	-0.6%	1,975	0.0%	406	0.0%	96,849	0.0%	7,257		104,106	0.0%
	2029	48,499	-0.1%	3,432	0.0%	14,130	-0.1%	8,846	0.5%	489	0.2%	18.1	0.4%	37,166	0.1%	139	0.7%	268	-0.6%	1,975	0.0%	406	0.0%	96,892	0.0%	7,261		104,153	0.0%
	2030	48,466	-0.1%	3,432	0.0%	14,121	-0.1%	8,892	0.5%	490	0.2%	18.1	0.4%	37,194	0.1%	140	0.7%	266	-0.6%	1,975	0.0%	406	0.0%	96,933	0.0%	7,264		104,197	0.0%
	2031	48,429	-0.1%	3,432	0.0%	14,110	-0.1%	8,938	0.5%	491	0.2%	18.2	0.4%	37,222	0.1%	141	0.7%	264	-0.6%	1,975	0.0%	406	0.0%	96,970	0.0%	7,267		104,237	0.0%
	2032	48,392	-0.1%	3,432	0.0%	14,099	-0.1%	8,989	0.6%	492	0.2%	18.3	0.4%	37,253	0.1%	142	0.7%	263	-0.7%	1,975	0.0%	406	0.0%	97,015	0.0%	7,270		104,285	0.0%
	2033	48,359	-0.1%	3,432	0.0%	14,090	-0.1%	9,041	0.6%	493	0.2%	18.3	0.4%	37,284	0.1%	143	0.8%	261	-0.7%	1,975	0.0%	406	0.0%	97,065	0.1%	7,274		104,339	0.1%
	2034	48,331	-0.1%	3,432	0.0%	14,081	-0.1%	9,095	0.6%	494	0.2%	18.4	0.4%	37,316	0.1%	144	0.8%	259	-0.7%	1,975	0.0%	406	0.0%	97,123	0.1%	7,279		104,402	0.1%
	2035	48,305	-0.1%	3,432	0.0%	14,074	-0.1%	9,149	0.6%	495	0.2%	18.5	0.4%	37,348	0.1%	145	0.8%	257	-0.7%	1,975	0.0%	406	0.0%	97,184	0.1%	7,283		104,467	0.1%
	2036	48,311	0.0%	3,434	0.1%	14,068	0.0%	9,204	0.6%	496	0.2%	18.6	0.4%	37,381	0.1%	146	0.8%	256	-0.7%	1,975	0.0%	406	0.0%	97,277	0.1%	7,291		104,567	0.1%
CAGR	2007-2016		-0.2%		0.3%		-0.5%		-3.4%		-2.1%		-1.4%		0.5%		3.1%		-2.5%		-20.4%		-6.4%		-1.7%			-1.8%	
	2017-2026		-0.1%		0.0%		-0.1%		0.3%		0.3%		0.0%		0.0%		0.4%		-0.4%		0.0%		0.0%		0.0%			0.0%	
	2027-2036		-0.1%		0.0%		-0.1%		0.6%		0.2%		0.4%		0.1%		0.7%		-0.6%		0.0%		0.0%		0.1%			0.1%	

CAGR - Compound Average Growth Rate.

FMPA 2017 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	2007	128,584	-	126,543	-	-1.6%	18.9	-	24.4	-	28.8%	26.0	-	26.2		0.9%
	2008	119,914	-6.7%	117,885	-6.8%	-1.7%	23.2	22.6%	21.9	-10.2%	-5.6%	23.8	-8.3%	24.6	-6.2%	3.2%
	2009	110,751	-7.6%	109,987	-6.7%	-0.7%	21.7	-6.4%	19.0	-13.5%	-12.7%	26.2	10.2%	19.9	-19.0%	-24.2%
	2010	111,347	0.5%	105,622	-4.0%	-5.1%	25.6	18.0%	20.3	7.1%	-20.7%	21.9	-16.6%	21.3	7.0%	-2.7%
	2011	108,348	-2.7%	101,505	-3.9%	-6.3%	23.5	-8.2%	22.4	10.1%	-4.9%	20.3	-7.2%	20.2	-4.9%	-0.3%
	2012	103,126	-4.8%	101,600	0.1%	-1.5%	19.3	-18.2%	18.1	-19.1%	-6.0%	19.7	-2.9%	21.1	4.3%	7.1%
	2013	100,568	-2.5%	99,417	-2.1%	-1.1%	14.9	-22.9%	13.6	-25.1%	-8.7%	19.8	0.4%	19.9	-5.5%	0.9%
	2014	104,563	4.0%	100,978	1.6%	-3.4%	15.9	7.1%	17.4	28.7%	9.6%	21.4	8.2%	21.8	9.4%	2.0%
	2015	105,534	0.9%	102,292	1.3%	-3.1%	26.8	68.6%	15.2	-12.9%	-43.3%	21.3	-0.6%	19.9	-9.0%	-6.6%
	2016	109,324	3.6%	103,299	1.0%	-5.5%	15.6	-41.8%	16.3	7.4%	4.5%	21.1	-0.9%	22.1	11.4%	5.0%
Projected	2017	104,563	-4.4%	104,563	1.2%		16.2	4.0%	16.2	-0.6%		22.0	4.2%	22.0	-0.7%	
	2018			105,340	0.7%				16.4	1.0%				22.2	1.0%	
	2019			106,191	0.8%				16.5	0.8%				22.4	0.8%	
	2020			106,959	0.7%				16.6	0.7%				22.5	0.7%	
	2021			107,642	0.6%				16.7	0.6%				22.7	0.6%	
	2022			108,225	0.5%				16.8	0.5%				22.8	0.5%	
	2023			108,779	0.5%				16.9	0.5%				22.9	0.5%	
	2024			109,306	0.5%				17.0	0.5%				23.0	0.5%	
	2025			109,808	0.5%				17.1	0.5%				23.1	0.5%	
	2026			110,268	0.4%				17.1	0.4%				23.2	0.4%	
	2027			110,694	0.4%				17.2	0.4%				23.3	0.4%	
	2028			111,164	0.4%				17.3	0.4%				23.4	0.4%	
	2029			111,624	0.4%				17.3	0.4%				23.5	0.4%	
	2030			112,043	0.4%				17.4	0.4%				23.6	0.4%	
	2031			112,429	0.3%				17.5	0.4%				23.6	0.4%	
	2032			112,863	0.4%				17.5	0.4%				23.7	0.4%	
	2033			113,278	0.4%				17.6	0.4%				23.8	0.4%	
	2034			113,670	0.3%				17.7	0.4%				23.9	0.4%	
	2035			114,111	0.4%				17.7	0.4%				24.0	0.4%	
	2036			114,529	0.4%				17.8	0.4%				24.1	0.4%	
CAGR ^[3]	2007-2016		-1.8%		-2.2%			-2.1%		-4.4%			-2.3%		-1.9%	
	2017-2026				0.6%					0.6%					0.6%	
	2027-2036				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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	128,584	-	126,543	-	-1.6%	25.6	-	57.3%	27.9	-	52.6%
	2008	119,914	-6.7%	117,885	-6.8%	-1.7%	28.8	12.3%	47.6%	26.9	-3.5%	50.9%
	2009	110,751	-7.6%	109,987	-6.7%	-0.7%	21.8	-24.2%	58.0%	26.5	-1.4%	47.7%
	2010	111,347	0.5%	105,622	-4.0%	-5.1%	25.6	17.6%	49.6%	27.7	4.3%	46.0%
	2011	108,348	-2.7%	101,505	-3.9%	-6.3%	23.7	-7.5%	52.1%	28.6	3.4%	43.2%
	2012	103,126	-4.8%	101,600	0.1%	-1.5%	20.6	-13.2%	57.2%	27.3	-4.7%	43.2%
	2013	100,568	-2.5%	99,417	-2.1%	-1.1%	22.9	11.2%	50.2%	24.6	-9.8%	46.7%
	2014	104,563	4.0%	100,978	1.6%	-3.4%	17.4	-23.8%	68.4%	26.7	8.6%	44.7%
	2015	105,534	0.9%	102,292	1.3%	-3.1%	26.9	54.2%	44.8%	26.7	-0.1%	45.2%
	2016	109,324	3.6%	103,299	1.0%	-5.5%	19.4	-28.0%	64.4%	25.6	-4.2%	48.8%
Projected	2017	104,563	-4.4%	104,563	1.2%		21.8	12.6%	54.7%	25.9	1.4%	46.1%
	2018	105,340	0.7%	105,340	0.7%		22.0	1.0%	54.6%	26.2	1.0%	45.9%
	2019	106,191	0.8%	106,191	0.8%		22.2	0.8%	54.6%	26.4	0.8%	46.0%
	2020	106,959	0.7%	106,959	0.7%		22.4	0.7%	54.6%	26.6	0.7%	46.0%
	2021	107,642	0.6%	107,642	0.6%		22.5	0.6%	54.6%	26.7	0.6%	46.0%
	2022	108,225	0.5%	108,225	0.5%		22.6	0.5%	54.6%	26.9	0.5%	46.0%
	2023	108,779	0.5%	108,779	0.5%		22.7	0.5%	54.6%	27.0	0.5%	46.0%
	2024	109,306	0.5%	109,306	0.5%		22.8	0.5%	54.6%	27.1	0.5%	46.0%
	2025	109,808	0.5%	109,808	0.5%		23.0	0.5%	54.6%	27.3	0.5%	46.0%
	2026	110,268	0.4%	110,268	0.4%		23.0	0.4%	54.6%	27.4	0.4%	46.0%
	2027	110,694	0.4%	110,694	0.4%		23.1	0.4%	54.6%	27.5	0.4%	46.0%
	2028	111,164	0.4%	111,164	0.4%		23.2	0.4%	54.6%	27.6	0.4%	46.0%
	2029	111,624	0.4%	111,624	0.4%		23.3	0.4%	54.6%	27.7	0.4%	46.0%
	2030	112,043	0.4%	112,043	0.4%		23.4	0.4%	54.6%	27.8	0.4%	46.0%
	2031	112,429	0.3%	112,429	0.3%		23.5	0.4%	54.6%	27.9	0.4%	46.0%
	2032	112,863	0.4%	112,863	0.4%		23.6	0.4%	54.6%	28.0	0.4%	46.0%
	2033	113,278	0.4%	113,278	0.4%		23.7	0.4%	54.6%	28.1	0.4%	46.0%
	2034	113,670	0.3%	113,670	0.3%		23.8	0.4%	54.6%	28.2	0.4%	46.0%
	2035	114,111	0.4%	114,111	0.4%		23.8	0.4%	54.6%	28.3	0.4%	46.0%
	2036	114,529	0.4%	114,529	0.4%		23.9	0.4%	54.6%	28.4	0.4%	46.0%
CAGR ^[1]	2007-2016		-1.8%		-2.2%			-3.1%	54.9%		-1.0%	46.9%
	2017-2026		0.6%		0.6%			0.6%	54.6%		0.6%	46.0%
	2027-2036		0.4%		0.4%			0.4%	54.6%		0.4%	46.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - High Economic Case
Clewiston
Monthly Net Energy for Load (MWh)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2007	10,376	8,249	8,786	9,466	10,709	11,346	13,035	14,372	12,696	13,485	10,034	9,044	131,597	128,584
	2008	8,236	7,940	8,736	8,614	10,609	10,985	10,360	11,134	10,737	9,320	7,200	8,064	111,935	119,914
	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	9,827	7,710	7,359	107,875	109,324
Projected	2017	7,078	7,238	7,712	8,015	9,301	10,337	9,804	10,664	9,517	9,641	7,782	7,430	104,520	104,563
	2018	7,146	7,314	7,777	8,105	9,404	10,451	9,903	10,776	9,611	9,734	7,853	7,494	105,568	105,340
	2019	7,206	7,373	7,839	8,168	9,476	10,530	9,976	10,859	9,682	9,805	7,910	7,548	106,374	106,191
	2020	7,260	7,427	7,896	8,228	9,545	10,606	10,044	10,938	9,751	9,873	7,965	7,599	107,132	106,959
	2021	7,308	7,476	7,948	8,282	9,604	10,672	10,102	11,004	9,809	9,929	8,009	7,640	107,783	107,642
	2022	7,348	7,516	7,991	8,327	9,656	10,729	10,154	11,063	9,861	9,981	8,050	7,679	108,357	108,225
	2023	7,386	7,554	8,033	8,371	9,706	10,784	10,204	11,120	9,910	10,031	8,090	7,717	108,906	108,779
	2024	7,422	7,591	8,072	8,412	9,753	10,836	10,251	11,174	9,957	10,078	8,127	7,752	109,425	109,306
	2025	7,456	7,626	8,109	8,451	9,797	10,886	10,296	11,226	10,003	10,123	8,164	7,786	109,924	109,808
	2026	7,489	7,659	8,144	8,488	9,838	10,930	10,335	11,271	10,041	10,161	8,194	7,814	110,364	110,268
Projected	2027	7,516	7,687	8,176	8,521	9,877	10,973	10,375	11,318	10,083	10,203	8,228	7,847	110,804	110,694
	2028	7,548	7,720	8,211	8,558	9,919	11,020	10,418	11,367	10,125	10,246	8,262	7,880	111,274	111,164
	2029	7,579	7,752	8,245	8,595	9,960	11,065	10,459	11,414	10,167	10,287	8,296	7,911	111,730	111,624
	2030	7,609	7,782	8,277	8,628	9,997	11,105	10,494	11,455	10,202	10,322	8,323	7,936	112,129	112,043
	2031	7,633	7,807	8,305	8,658	10,032	11,145	10,531	11,497	10,239	10,360	8,354	7,966	112,529	112,429
	2032	7,662	7,837	8,338	8,693	10,071	11,188	10,570	11,543	10,279	10,401	8,387	7,997	112,966	112,863
	2033	7,692	7,867	8,369	8,726	10,108	11,228	10,606	11,584	10,314	10,435	8,414	8,023	113,365	113,278
	2034	7,716	7,893	8,398	8,757	10,144	11,268	10,643	11,627	10,353	10,474	8,446	8,054	113,773	113,670
	2035	7,746	7,924	8,431	8,792	10,183	11,312	10,683	11,673	10,393	10,515	8,479	8,085	114,215	114,111
	2036	7,776	7,953	8,463	8,825	10,221	11,352	10,719	11,714	10,428	10,550	8,507	8,111	114,618	114,529

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2007	7.9%	6.3%	6.7%	7.2%	8.1%	8.6%	9.9%	10.9%	9.6%	10.2%	7.6%	6.9%	100.0%
	2008	7.4%	7.1%	7.8%	7.7%	9.5%	9.8%	9.3%	9.9%	9.6%	8.3%	6.4%	7.2%	100.0%
	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	6.3%	6.1%	7.2%	7.6%	8.9%	10.1%	10.5%	10.4%	9.6%	9.1%	7.1%	6.8%	100.0%
Projected	2017	6.8%	6.9%	7.4%	7.7%	8.9%	9.9%	9.4%	10.2%	9.1%	9.2%	7.4%	7.1%	100.0%
	2018	6.8%	6.9%	7.4%	7.7%	8.9%	9.9%	9.4%	10.2%	9.1%	9.2%	7.4%	7.1%	100.0%
	2019	6.8%	6.9%	7.4%	7.7%	8.9%	9.9%	9.4%	10.2%	9.1%	9.2%	7.4%	7.1%	100.0%
	2020	6.8%	6.9%	7.4%	7.7%	8.9%	9.9%	9.4%	10.2%	9.1%	9.2%	7.4%	7.1%	100.0%
	2021	6.8%	6.9%	7.4%	7.7%	8.9%	9.9%	9.4%	10.2%	9.1%	9.2%	7.4%	7.1%	100.0%
	2022	6.8%	6.9%	7.4%	7.7%	8.9%	9.9%	9.4%	10.2%	9.1%	9.2%	7.4%	7.1%	100.0%
	2023	6.8%	6.9%	7.4%	7.7%	8.9%	9.9%	9.4%	10.2%	9.1%	9.2%	7.4%	7.1%	100.0%
	2024	6.8%	6.9%	7.4%	7.7%	8.9%	9.9%	9.4%	10.2%	9.1%	9.2%	7.4%	7.1%	100.0%
	2025	6.8%	6.9%	7.4%	7.7%	8.9%	9.9%	9.4%	10.2%	9.1%	9.2%	7.4%	7.1%	100.0%
	2026	6.8%	6.9%	7.4%	7.7%	8.9%	9.9%	9.4%	10.2%	9.1%	9.2%	7.4%	7.1%	100.0%
Avg.	2007-2016	7.1%	6.5%	7.2%	7.8%	9.1%	10.0%	9.7%	10.1%	9.4%	8.9%	7.1%	7.1%	100.0%
	2017-2026	6.8%	6.9%	7.4%	7.7%	8.9%	9.9%	9.4%	10.2%	9.1%	9.2%	7.4%	7.1%	100.0%

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FMPA 2017 Load Forecast - High Economic Case
Clewiston
Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	23.1	20.8	25.6	24.1	24.2	24.7	26.7	27.9	26.6	31.5	28.8	20.7	25.6	27.9
	2008	24.0	18.9	25.1	18.2	21.2	26.3	21.2	26.9	25.6	21.6	17.1	17.5	28.8	26.9
	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	21.5	21.8	15.3	19.4	25.6
Projected	2017	19.2	16.1	17.3	18.6	19.8	25.9	20.6	23.6	21.1	21.8	22.0	15.5	21.8	25.9
	2018	19.4	16.3	17.4	18.8	20.0	26.2	20.8	23.8	21.3	22.0	22.2	15.6	22.0	26.2
	2019	19.6	16.4	17.6	18.9	20.2	26.4	20.9	24.0	21.5	22.2	22.4	15.7	22.2	26.4
	2020	19.7	16.5	17.7	19.0	20.3	26.6	21.1	24.2	21.7	22.3	22.5	15.8	22.4	26.6
	2021	19.8	16.6	17.8	19.2	20.5	26.7	21.2	24.3	21.8	22.5	22.6	15.9	22.5	26.7
	2022	19.9	16.7	17.9	19.3	20.6	26.9	21.3	24.4	21.9	22.6	22.7	16.0	22.6	26.9
	2023	20.0	16.8	18.0	19.4	20.7	27.0	21.4	24.6	22.0	22.7	22.8	16.1	22.7	27.0
	2024	20.1	16.9	18.1	19.5	20.8	27.1	21.5	24.7	22.1	22.8	23.0	16.1	22.8	27.1
	2025	20.2	16.9	18.1	19.5	20.9	27.3	21.6	24.8	22.2	22.9	23.0	16.2	23.0	27.3
Projected	2026	20.3	17.0	18.2	19.6	20.9	27.4	21.7	24.9	22.3	23.0	23.1	16.3	23.0	27.4
	2027	20.4	17.1	18.3	19.7	21.0	27.5	21.8	25.0	22.4	23.1	23.2	16.3	23.1	27.5
	2028	20.5	17.2	18.4	19.8	21.1	27.6	21.9	25.1	22.5	23.2	23.3	16.4	23.2	27.6
	2029	20.6	17.2	18.4	19.9	21.2	27.7	22.0	25.2	22.6	23.3	23.4	16.5	23.3	27.7
	2030	20.6	17.3	18.5	19.9	21.3	27.8	22.1	25.3	22.7	23.4	23.5	16.5	23.4	27.8
	2031	20.7	17.3	18.6	20.0	21.4	27.9	22.1	25.4	22.7	23.5	23.6	16.6	23.5	27.9
	2032	20.8	17.4	18.6	20.1	21.4	28.0	22.2	25.5	22.8	23.5	23.7	16.6	23.6	28.0
	2033	20.9	17.5	18.7	20.2	21.5	28.1	22.3	25.6	22.9	23.6	23.8	16.7	23.7	28.1
	2034	20.9	17.5	18.8	20.2	21.6	28.2	22.4	25.7	23.0	23.7	23.8	16.8	23.8	28.2
Projected	2035	21.0	17.6	18.9	20.3	21.7	28.3	22.5	25.8	23.1	23.8	23.9	16.8	23.8	28.3
	2036	21.1	17.7	18.9	20.4	21.8	28.4	22.5	25.8	23.2	23.9	24.0	16.9	23.9	28.4

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	60.4%	59.1%	46.1%	52.7%	65.9%	61.8%	67.9%	69.3%	66.2%	57.6%	46.8%	60.6%	58.6%	53.9%
	2008	46.1%	60.4%	46.7%	63.5%	74.3%	56.0%	68.0%	55.7%	58.2%	57.9%	56.4%	64.0%	44.4%	47.5%
	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%	61.5%	47.5%	66.6%	63.6%	48.2%
Projected	2017	49.4%	66.9%	60.1%	58.0%	69.8%	53.6%	66.2%	60.8%	62.6%	59.5%	47.5%	66.6%	54.7%	46.0%
	2018	49.4%	66.9%	60.0%	58.0%	69.8%	53.7%	66.3%	60.9%	62.6%	59.5%	47.5%	66.7%	54.7%	46.0%
	2019	49.5%	66.9%	60.0%	58.0%	69.8%	53.7%	66.2%	60.9%	62.6%	59.4%	47.5%	66.7%	54.7%	46.0%
	2020	49.5%	64.6%	60.0%	58.1%	69.8%	53.7%	66.2%	60.9%	62.6%	59.4%	47.6%	66.7%	54.7%	46.0%
	2021	49.5%	67.0%	60.1%	58.1%	69.9%	53.7%	66.2%	60.9%	62.5%	59.4%	47.6%	66.7%	54.7%	46.0%
	2022	49.5%	67.0%	60.1%	58.1%	69.9%	53.7%	66.2%	60.9%	62.5%	59.4%	47.6%	66.7%	54.7%	46.0%
	2023	49.5%	67.0%	60.1%	58.1%	69.9%	53.7%	66.2%	60.9%	62.5%	59.4%	47.6%	66.7%	54.7%	46.0%
	2024	49.5%	64.7%	60.1%	58.1%	69.9%	53.7%	66.2%	60.9%	62.5%	59.4%	47.6%	66.7%	54.7%	46.0%
	2025	49.5%	67.0%	60.1%	58.1%	69.9%	53.7%	66.2%	60.9%	62.5%	59.4%	47.6%	66.8%	54.7%	46.0%
Avg.	2007-2016	54.2%	56.2%	56.6%	58.1%	69.5%	57.5%	66.0%	63.5%	62.4%	57.6%	53.1%	64.1%	54.7%	46.7%
	2017-2026	49.5%	66.5%	60.1%	58.1%	69.8%	53.7%	66.2%	60.9%	62.5%	59.4%	47.6%	66.7%	54.7%	46.0%

FMPA 2017 Load Forecast - High Economic Case
Clewiston
 Monthly Coincident-Peak Demand with ARP (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	20.5	18.9	18.6	19.2	21.6	24.4	21.3	26.0	21.3	25.6	22.1	17.8	18.9	26.0
	2008	23.2	14.8	25.1	16.2	21.2	19.9	20.9	23.8	20.8	18.4	17.0	13.8	23.2	23.8
	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	18.1	17.3	13.5	15.6	21.1
Projected	2017	16.2	13.8	15.5	17.8	18.6	21.2	17.4	22.0	17.8	18.3	17.5	13.6	16.2	22.0
	2018	16.4	13.9	15.6	17.9	18.8	21.4	17.6	22.2	18.0	18.5	17.6	13.7	16.4	22.2
	2019	16.5	14.0	15.8	18.1	19.0	21.5	17.7	22.4	18.1	18.7	17.7	13.8	16.5	22.4
	2020	16.6	14.1	15.9	18.2	19.1	21.7	17.9	22.5	18.2	18.8	17.9	13.9	16.6	22.5
	2021	16.7	14.2	16.0	18.3	19.2	21.8	18.0	22.7	18.4	18.9	17.9	14.0	16.7	22.7
	2022	16.8	14.3	16.1	18.4	19.3	21.9	18.1	22.8	18.4	19.0	18.0	14.1	16.8	22.8
	2023	16.9	14.4	16.1	18.5	19.4	22.0	18.2	22.9	18.5	19.1	18.1	14.1	16.9	22.9
	2024	17.0	14.4	16.2	18.6	19.5	22.1	18.2	23.0	18.6	19.2	18.2	14.2	17.0	23.0
	2025	17.1	14.5	16.3	18.7	19.6	22.2	18.3	23.1	18.7	19.3	18.3	14.3	17.1	23.1
Projected	2026	17.1	14.6	16.3	18.7	19.7	22.3	18.4	23.2	18.8	19.4	18.4	14.3	17.1	23.2
	2027	17.2	14.6	16.4	18.8	19.7	22.4	18.5	23.3	18.9	19.4	18.4	14.4	17.2	23.3
	2028	17.3	14.7	16.5	18.9	19.8	22.5	18.5	23.4	18.9	19.5	18.5	14.4	17.3	23.4
	2029	17.3	14.7	16.6	19.0	19.9	22.6	18.6	23.5	19.0	19.6	18.6	14.5	17.3	23.5
	2030	17.4	14.8	16.6	19.0	20.0	22.7	18.7	23.6	19.1	19.7	18.6	14.5	17.4	23.6
	2031	17.5	14.8	16.7	19.1	20.1	22.8	18.8	23.6	19.2	19.7	18.7	14.6	17.5	23.6
	2032	17.5	14.9	16.7	19.2	20.1	22.9	18.8	23.7	19.2	19.8	18.8	14.6	17.5	23.7
	2033	17.6	15.0	16.8	19.3	20.2	22.9	18.9	23.8	19.3	19.9	18.8	14.7	17.6	23.8
	2034	17.7	15.0	16.9	19.3	20.3	23.0	19.0	23.9	19.4	20.0	18.9	14.8	17.7	23.9
	2035	17.7	15.1	16.9	19.4	20.4	23.1	19.0	24.0	19.4	20.0	19.0	14.8	17.7	24.0
	2036	17.8	15.1	17.0	19.5	20.4	23.2	19.1	24.1	19.5	20.1	19.1	14.9	17.8	24.1

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	88.7%	91.2%	72.6%	79.7%	89.2%	99.0%	79.9%	93.2%	80.1%	81.4%	76.9%	85.7%	73.9%	93.2%
	2008	96.8%	78.1%	100.0%	89.1%	99.7%	75.7%	98.8%	88.5%	81.3%	85.0%	99.0%	78.7%	80.7%	88.5%
	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%	84.2%	79.3%	88.1%	80.6%	82.4%
Projected	2017	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2018	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2019	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2020	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2021	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2022	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2023	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2024	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2025	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2026	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2007-2016	90.2%	87.1%	91.2%	90.3%	92.6%	84.5%	88.3%	90.7%	84.5%	84.9%	83.2%	87.4%	88.3%	82.6%
	2017-2026	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%

FMPA 2017 Load Forecast - High Economic Case - Clewiston

Historical and Projected - Energy Sales by Customer Class
(Fiscal Year 2007-2036)

	Fiscal Year	Residential						General Service Non-Demand						General Service Demand						US Sugar		Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
		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)	% Chg	(MWh)	% Chg
Historical	2007	52,567		3,349		15,699		11,943		568		21.0		37,052		101		367		16,237		737		118,536		10,048		128,584	
	2008	50,957	-3.1%	3,353	0.1%	15,198	-3.2%	10,249	-14.2%	550	-3.2%	18.6	-11.4%	39,620	6.9%	116	14.9%	342	-6.9%	9,958	-38.7%	725	-1.6%	111,509	-5.9%	8,404		119,914	-6.7%
	2009	49,474	-2.9%	3,324	-0.9%	14,884	-2.1%	9,969	-2.7%	523	-5.0%	19.1	2.4%	38,063	-3.9%	116	0.1%	328	-4.0%	5,738	-42.4%	712	-1.8%	103,956	-6.8%	6,795		110,751	-7.6%
	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		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		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		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		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		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		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		109,324	3.6%
Projected	2017	49,063	-5.0%	3,439	0.2%	14,266	-5.2%	8,661	-1.0%	478	1.4%	18.1	-2.3%	37,168	-3.9%	135	1.7%	276	-5.5%	1,975	-5.0%	406	0.0%	97,274	-4.2%	7,289		104,563	-4.4%
	2018	49,560	1.0%	3,461	0.6%	14,321	0.4%	8,870	2.4%	487	1.9%	18.2	0.5%	37,182	0.0%	140	3.8%	266	-3.6%	1,975	0.0%	406	0.0%	97,993	0.7%	7,347		105,340	0.7%
	2019	49,994	0.9%	3,478	0.5%	14,375	0.4%	9,096	2.5%	492	1.2%	18.5	1.4%	37,315	0.4%	144	3.1%	259	-2.7%	1,975	0.0%	406	0.0%	98,786	0.8%	7,405		106,191	0.8%
	2020	50,369	0.7%	3,495	0.5%	14,414	0.3%	9,309	2.3%	497	0.9%	18.7	1.4%	37,441	0.3%	148	3.0%	252	-2.6%	1,975	0.0%	406	0.0%	99,500	0.7%	7,459		106,959	0.7%
	2021	50,685	0.6%	3,509	0.4%	14,443	0.2%	9,511	2.2%	500	0.8%	19.0	1.4%	37,558	0.3%	153	2.8%	246	-2.5%	1,975	0.0%	406	0.0%	100,135	0.6%	7,507		107,642	0.6%
	2022	50,928	0.5%	3,520	0.3%	14,467	0.2%	9,702	2.0%	504	0.7%	19.3	1.3%	37,667	0.3%	157	2.6%	240	-2.3%	1,975	0.0%	406	0.0%	100,677	0.5%	7,547		108,225	0.5%
	2023	51,157	0.4%	3,531	0.3%	14,488	0.1%	9,886	1.9%	507	0.6%	19.5	1.3%	37,769	0.3%	161	2.5%	235	-2.2%	1,975	0.0%	406	0.0%	101,193	0.5%	7,586		108,779	0.5%
	2024	51,376	0.4%	3,542	0.3%	14,507	0.1%	10,060	1.8%	510	0.6%	19.7	1.2%	37,865	0.3%	164	2.3%	230	-2.0%	1,975	0.0%	406	0.0%	101,683	0.5%	7,623		109,306	0.5%
	2025	51,588	0.4%	3,552	0.3%	14,524	0.1%	10,225	1.6%	512	0.5%	20.0	1.1%	37,955	0.2%	168	2.2%	226	-1.9%	1,975	0.0%	406	0.0%	102,149	0.5%	7,659		109,808	0.5%
	2026	51,768	0.3%	3,561	0.2%	14,538	0.1%	10,387	1.6%	515	0.5%	20.2	1.1%	38,041	0.2%	171	2.1%	222	-1.8%	1,975	0.0%	406	0.0%	102,577	0.4%	7,691		110,268	0.4%
	2027	51,922	0.3%	3,568	0.2%	14,554	0.1%	10,545	1.5%	517	0.5%	20.4	1.0%	38,125	0.2%	175	2.0%	218	-1.8%	1,975	0.0%	406	0.0%	102,973	0.4%	7,721		110,694	0.4%
	2028	52,118	0.4%	3,578	0.3%	14,568	0.1%	10,703	1.5%	520	0.5%	20.6	1.0%	38,207	0.2%	178	2.0%	214	-1.7%	1,975	0.0%	406	0.0%	103,410	0.4%	7,754		111,164	0.4%
	2029	52,309	0.4%	3,588	0.3%	14,580	0.1%	10,860	1.5%	522	0.5%	20.8	1.0%	38,288	0.2%	182	1.9%	211	-1.7%	1,975	0.0%	406	0.0%	103,837	0.4%	7,786		111,624	0.4%
	2030	52,466	0.3%	3,596	0.2%	14,590	0.1%	11,014	1.4%	524	0.4%	21.0	1.0%	38,366	0.2%	185	1.9%	207	-1.6%	1,975	0.0%	406	0.0%	104,227	0.4%	7,816		112,043	0.4%
	2031	52,594	0.2%	3,603	0.2%	14,599	0.1%	11,167	1.4%	527	0.4%	21.2	1.0%	38,443	0.2%	188	1.8%	204	-1.6%	1,975	0.0%	406	0.0%	104,586	0.3%	7,843		112,429	0.3%
	2032	52,763	0.3%	3,612	0.3%	14,606	0.1%	11,324	1.4%	529	0.4%	21.4	1.0%	38,521	0.2%	192	1.8%	201	-1.6%	1,975	0.0%	406	0.0%	104,989	0.4%	7,873		112,863	0.4%
	2033	52,909	0.3%	3,621	0.2%	14,613	0.0%	11,485	1.4%	531	0.4%	21.6	1.0%	38,600	0.2%	196	1.9%	197	-1.6%	1,975	0.0%	406	0.0%	105,375	0.4%	7,903		113,278	0.4%
	2034	53,036	0.2%	3,627	0.2%	14,623	0.1%	11,645	1.4%	534	0.4%	21.8	1.0%	38,678	0.2%	199	1.8%	194	-1.6%	1,975	0.0%	406	0.0%	105,740	0.3%	7,930		113,670	0.3%
	2035	53,207	0.3%	3,636	0.3%	14,632	0.1%	11,807	1.4%	536	0.4%	22.0	0.9%	38,755	0.2%	203	1.8%	191	-1.6%	1,975	0.0%	406	0.0%	106,150	0.4%	7,961		114,111	0.4%
	2036	53,354	0.3%	3,644	0.2%	14,640	0.1%	11,970	1.4%	538	0.4%	22.2	0.9%	38,832	0.2%	206	1.8%	188	-1.6%	1,975	0.0%	406	0.0%	106,538	0.4%	7,991		114,529	0.4%
CAGR	2007-2016		-0.2%		0.3%		-0.5%		-3.4%		-2.1%		-1.4%		0.5%	3.1%			-2.5%		-20.4%		-6.4%		-1.7%				-1.8%
	2017-2026		0.6%		0.4%		0.2%		2.0%		0.8%		1.2%		0.3%	2.7%			-2.4%		0.0%		0.0%		0.6%				0.6%
	2027-2036		0.3%		0.2%		0.1%		1.4%		0.4%		1.0%		0.2%	1.9%			-1.6%		0.0%		0.0%		0.4%				0.4%

CAGR - Compound Average Growth Rate.

FMPA 2017 Load Forecast - Mild Weather 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	2007	128,584	-	126,543	-	-1.6%	18.9	-	24.4	-	28.8%	26.0	-	26.2		0.9%
	2008	119,914	-6.7%	117,885	-6.8%	-1.7%	23.2	22.6%	21.9	-10.2%	-5.6%	23.8	-8.3%	24.6	-6.2%	3.2%
	2009	110,751	-7.6%	109,987	-6.7%	-0.7%	21.7	-6.4%	19.0	-13.5%	-12.7%	26.2	10.2%	19.9	-19.0%	-24.2%
	2010	111,347	0.5%	105,622	-4.0%	-5.1%	25.6	18.0%	20.3	7.1%	-20.7%	21.9	-16.6%	21.3	7.0%	-2.7%
	2011	108,348	-2.7%	101,505	-3.9%	-6.3%	23.5	-8.2%	22.4	10.1%	-4.9%	20.3	-7.2%	20.2	-4.9%	-0.3%
	2012	103,126	-4.8%	101,600	0.1%	-1.5%	19.3	-18.2%	18.1	-19.1%	-6.0%	19.7	-2.9%	21.1	4.3%	7.1%
	2013	100,568	-2.5%	99,417	-2.1%	-1.1%	14.9	-22.9%	13.6	-25.1%	-8.7%	19.8	0.4%	19.9	-5.5%	0.9%
	2014	104,563	4.0%	100,978	1.6%	-3.4%	15.9	7.1%	17.4	28.7%	9.6%	21.4	8.2%	21.8	9.4%	2.0%
	2015	105,534	0.9%	102,292	1.3%	-3.1%	26.8	68.6%	15.2	-12.9%	-43.3%	21.3	-0.6%	19.9	-9.0%	-6.6%
	2016	109,324	3.6%	103,299	1.0%	-5.5%	15.6	-41.8%	16.3	7.4%	4.5%	21.1	-0.9%	22.1	11.4%	5.0%
Projected	2017	101,305	-7.3%	101,305	-1.9%		15.7	0.3%	15.7	-4.1%		21.2	0.5%	21.2	-4.3%	
	2018			101,193	-0.1%				15.7	0.5%				21.3	0.5%	
	2019			101,608	0.4%				15.8	0.4%				21.4	0.4%	
	2020			101,985	0.4%				15.8	0.4%				21.5	0.4%	
	2021			102,339	0.3%				15.9	0.4%				21.5	0.4%	
	2022			102,705	0.4%				16.0	0.3%				21.6	0.3%	
	2023			103,013	0.3%				16.0	0.3%				21.7	0.3%	
	2024			103,305	0.3%				16.1	0.3%				21.7	0.3%	
	2025			103,556	0.2%				16.1	0.2%				21.8	0.2%	
	2026			103,780	0.2%				16.1	0.2%				21.8	0.2%	
	2027			104,050	0.3%				16.2	0.3%				21.9	0.3%	
	2028			104,319	0.3%				16.2	0.3%				21.9	0.3%	
	2029			104,584	0.3%				16.2	0.3%				22.0	0.3%	
	2030			104,842	0.2%				16.3	0.2%				22.0	0.2%	
	2031			105,090	0.2%				16.3	0.2%				22.1	0.2%	
	2032			105,342	0.2%				16.4	0.2%				22.2	0.2%	
	2033			105,575	0.2%				16.4	0.2%				22.2	0.2%	
	2034			105,788	0.2%				16.4	0.2%				22.2	0.2%	
	2035			106,054	0.3%				16.5	0.3%				22.3	0.3%	
	2036			106,326	0.3%				16.5	0.3%				22.4	0.3%	
CAGR ^[3]	2007-2016		-1.8%		-2.2%			-2.1%		-4.4%			-2.3%		-1.9%	
	2017-2026				0.3%					0.3%					0.3%	
	2027-2036				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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	128,584	-	126,543	-	-1.6%	25.6	-	57.3%	27.9	-	52.6%
	2008	119,914	-6.7%	117,885	-6.8%	-1.7%	28.8	12.3%	47.6%	26.9	-3.5%	50.9%
	2009	110,751	-7.6%	109,987	-6.7%	-0.7%	21.8	-24.2%	58.0%	26.5	-1.4%	47.7%
	2010	111,347	0.5%	105,622	-4.0%	-5.1%	25.6	17.6%	49.6%	27.7	4.3%	46.0%
	2011	108,348	-2.7%	101,505	-3.9%	-6.3%	23.7	-7.5%	52.1%	28.6	3.4%	43.2%
	2012	103,126	-4.8%	101,600	0.1%	-1.5%	20.6	-13.2%	57.2%	27.3	-4.7%	43.2%
	2013	100,568	-2.5%	99,417	-2.1%	-1.1%	22.9	11.2%	50.2%	24.6	-9.8%	46.7%
	2014	104,563	4.0%	100,978	1.6%	-3.4%	17.4	-23.8%	68.4%	26.7	8.6%	44.7%
	2015	105,534	0.9%	102,292	1.3%	-3.1%	26.9	54.2%	44.8%	26.7	-0.1%	45.2%
	2016	109,324	3.6%	103,299	1.0%	-5.5%	19.4	-28.0%	64.4%	25.6	-4.2%	48.8%
Projected	2017	101,305	-7.3%	101,305	-1.9%		21.0	8.6%	54.9%	25.0	-2.2%	46.3%
	2018	101,193	-0.1%	101,193	-0.1%		21.2	0.5%	54.6%	25.1	0.5%	46.0%
	2019	101,608	0.4%	101,608	0.4%		21.2	0.4%	54.6%	25.2	0.4%	46.0%
	2020	101,985	0.4%	101,985	0.4%		21.3	0.4%	54.6%	25.3	0.4%	46.0%
	2021	102,339	0.3%	102,339	0.3%		21.4	0.4%	54.6%	25.4	0.4%	46.0%
	2022	102,705	0.4%	102,705	0.4%		21.5	0.3%	54.6%	25.5	0.3%	46.0%
	2023	103,013	0.3%	103,013	0.3%		21.5	0.3%	54.6%	25.6	0.3%	46.0%
	2024	103,305	0.3%	103,305	0.3%		21.6	0.3%	54.6%	25.6	0.3%	46.0%
	2025	103,556	0.2%	103,556	0.2%		21.6	0.2%	54.6%	25.7	0.2%	46.0%
	2026	103,780	0.2%	103,780	0.2%		21.7	0.2%	54.6%	25.7	0.2%	46.0%
	2027	104,050	0.3%	104,050	0.3%		21.7	0.3%	54.6%	25.8	0.3%	46.0%
	2028	104,319	0.3%	104,319	0.3%		21.8	0.3%	54.6%	25.9	0.3%	46.0%
	2029	104,584	0.3%	104,584	0.3%		21.9	0.3%	54.6%	25.9	0.3%	46.0%
	2030	104,842	0.2%	104,842	0.2%		21.9	0.2%	54.6%	26.0	0.2%	46.0%
	2031	105,090	0.2%	105,090	0.2%		22.0	0.2%	54.6%	26.1	0.2%	46.0%
	2032	105,342	0.2%	105,342	0.2%		22.0	0.2%	54.6%	26.1	0.2%	46.0%
	2033	105,575	0.2%	105,575	0.2%		22.1	0.2%	54.6%	26.2	0.2%	46.0%
	2034	105,788	0.2%	105,788	0.2%		22.1	0.2%	54.6%	26.2	0.2%	46.0%
	2035	106,054	0.3%	106,054	0.3%		22.2	0.3%	54.6%	26.3	0.3%	46.0%
	2036	106,326	0.3%	106,326	0.3%		22.2	0.3%	54.6%	26.4	0.3%	46.0%
CAGR ^[1]	2007-2016		-1.8%		-2.2%			-3.1%	54.9%		-1.0%	46.9%
	2017-2026		0.3%		0.3%			0.3%	54.7%		0.3%	46.0%
	2027-2036		0.2%		0.2%			0.2%	54.6%		0.2%	46.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Mild Weather Case
Clewiston
Monthly Net Energy for Load (MWh)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2007	10,376	8,249	8,786	9,466	10,709	11,346	13,035	14,372	12,696	13,485	10,034	9,044	131,597	128,584
	2008	8,236	7,940	8,736	8,614	10,609	10,985	10,360	11,134	10,737	9,320	7,200	8,064	111,935	119,914
	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	9,871	7,705	7,201	107,755	109,324
Projected	2017	6,592	6,747	7,478	7,997	9,277	10,121	9,303	10,041	8,973	9,297	7,740	7,232	100,798	101,305
	2018	6,618	6,780	7,501	8,044	9,331	10,181	9,352	10,097	9,019	9,345	7,777	7,264	101,309	101,193
	2019	6,646	6,808	7,530	8,076	9,367	10,220	9,386	10,136	9,053	9,381	7,808	7,293	101,704	101,608
	2020	6,673	6,835	7,559	8,107	9,402	10,256	9,417	10,171	9,084	9,412	7,833	7,316	102,065	101,985
	2021	6,695	6,858	7,586	8,135	9,435	10,293	9,450	10,209	9,118	9,447	7,863	7,344	102,432	102,339
	2022	6,721	6,883	7,614	8,165	9,468	10,328	9,480	10,244	9,147	9,477	7,887	7,366	102,781	102,705
	2023	6,741	6,904	7,637	8,190	9,496	10,358	9,507	10,274	9,174	9,504	7,910	7,387	103,084	103,013
	2024	6,760	6,924	7,659	8,214	9,523	10,387	9,532	10,303	9,199	9,530	7,931	7,407	103,372	103,305
	2025	6,778	6,943	7,679	8,235	9,546	10,411	9,552	10,325	9,218	9,549	7,947	7,422	103,604	103,556
	2026	6,792	6,957	7,695	8,253	9,567	10,434	9,573	10,350	9,240	9,573	7,967	7,441	103,843	103,780
Projected	2027	6,809	6,976	7,716	8,276	9,592	10,461	9,597	10,378	9,264	9,598	7,988	7,460	104,115	104,050
	2028	6,827	6,994	7,736	8,298	9,617	10,488	9,620	10,405	9,288	9,622	8,008	7,479	104,383	104,319
	2029	6,845	7,012	7,756	8,319	9,642	10,514	9,643	10,431	9,311	9,646	8,028	7,498	104,647	104,584
	2030	6,862	7,030	7,776	8,341	9,665	10,540	9,666	10,457	9,334	9,669	8,047	7,516	104,902	104,842
	2031	6,878	7,046	7,794	8,361	9,688	10,565	9,687	10,482	9,356	9,692	8,066	7,533	105,150	105,090
	2032	6,894	7,064	7,813	8,382	9,712	10,590	9,710	10,508	9,378	9,716	8,086	7,552	105,404	105,342
	2033	6,911	7,080	7,832	8,401	9,733	10,612	9,728	10,528	9,396	9,733	8,100	7,565	105,620	105,575
	2034	6,924	7,094	7,847	8,419	9,753	10,634	9,748	10,552	9,417	9,756	8,120	7,584	105,850	105,788
	2035	6,941	7,112	7,868	8,441	9,778	10,661	9,772	10,580	9,441	9,781	8,141	7,604	106,119	106,054
	2036	6,959	7,131	7,888	8,463	9,803	10,688	9,796	10,607	9,465	9,806	8,161	7,623	106,391	106,326

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2007	7.9%	6.3%	6.7%	7.2%	8.1%	8.6%	9.9%	10.9%	9.6%	10.2%	7.6%	6.9%	100.0%
	2008	7.4%	7.1%	7.8%	7.7%	9.5%	9.8%	9.3%	9.9%	9.6%	8.3%	6.4%	7.2%	100.0%
	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	6.3%	6.1%	7.2%	7.7%	8.9%	10.1%	10.5%	10.4%	9.6%	9.2%	7.2%	6.7%	100.0%
Projected	2017	6.5%	6.7%	7.4%	7.9%	9.2%	10.0%	9.2%	10.0%	8.9%	9.2%	7.7%	7.2%	100.0%
	2018	6.5%	6.7%	7.4%	7.9%	9.2%	10.0%	9.2%	10.0%	8.9%	9.2%	7.7%	7.2%	100.0%
	2019	6.5%	6.7%	7.4%	7.9%	9.2%	10.0%	9.2%	10.0%	8.9%	9.2%	7.7%	7.2%	100.0%
	2020	6.5%	6.7%	7.4%	7.9%	9.2%	10.0%	9.2%	10.0%	8.9%	9.2%	7.7%	7.2%	100.0%
	2021	6.5%	6.7%	7.4%	7.9%	9.2%	10.0%	9.2%	10.0%	8.9%	9.2%	7.7%	7.2%	100.0%
	2022	6.5%	6.7%	7.4%	7.9%	9.2%	10.0%	9.2%	10.0%	8.9%	9.2%	7.7%	7.2%	100.0%
	2023	6.5%	6.7%	7.4%	7.9%	9.2%	10.0%	9.2%	10.0%	8.9%	9.2%	7.7%	7.2%	100.0%
	2024	6.5%	6.7%	7.4%	7.9%	9.2%	10.0%	9.2%	10.0%	8.9%	9.2%	7.7%	7.2%	100.0%
	2025	6.5%	6.7%	7.4%	7.9%	9.2%	10.0%	9.2%	10.0%	8.9%	9.2%	7.7%	7.2%	100.0%
	2026	6.5%	6.7%	7.4%	7.9%	9.2%	10.0%	9.2%	10.0%	8.9%	9.2%	7.7%	7.2%	100.0%
Avg.	2007-2016	7.1%	6.5%	7.2%	7.8%	9.1%	10.0%	9.7%	10.1%	9.4%	8.9%	7.1%	7.1%	100.0%
	2017-2026	6.5%	6.7%	7.4%	7.9%	9.2%	10.0%	9.2%	10.0%	8.9%	9.2%	7.7%	7.2%	100.0%

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FMPA 2017 Load Forecast - Mild Weather Case
Clewiston
Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	23.1	20.8	25.6	24.1	24.2	24.7	26.7	27.9	26.6	31.5	28.8	20.7	25.6	27.9
	2008	24.0	18.9	25.1	18.2	21.2	26.3	21.2	26.9	25.6	21.6	17.1	17.5	28.8	26.9
	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	21.5	21.0	14.8	19.4	25.6
Projected	2017	18.6	15.5	16.6	17.9	19.1	25.0	19.8	22.7	20.4	21.0	21.2	14.9	21.0	25.0
	2018	18.7	15.6	16.7	18.0	19.2	25.1	19.9	22.8	20.5	21.1	21.2	14.9	21.2	25.1
	2019	18.7	15.7	16.8	18.1	19.3	25.2	20.0	22.9	20.6	21.2	21.3	15.0	21.2	25.2
	2020	18.8	15.7	16.8	18.1	19.4	25.3	20.1	23.0	20.6	21.3	21.4	15.0	21.3	25.3
	2021	18.9	15.8	16.9	18.2	19.4	25.4	20.1	23.1	20.7	21.4	21.5	15.1	21.4	25.4
	2022	18.9	15.8	17.0	18.3	19.5	25.5	20.2	23.2	20.8	21.4	21.5	15.1	21.5	25.5
	2023	19.0	15.9	17.0	18.3	19.6	25.6	20.3	23.2	20.8	21.5	21.6	15.2	21.5	25.6
	2024	19.0	15.9	17.1	18.4	19.6	25.6	20.3	23.3	20.9	21.5	21.6	15.2	21.6	25.6
	2025	19.1	16.0	17.1	18.4	19.7	25.7	20.4	23.4	20.9	21.6	21.7	15.2	21.6	25.7
Projected	2027	19.2	16.1	17.2	18.5	19.8	25.8	20.5	23.5	21.0	21.7	21.8	15.3	21.7	25.8
	2028	19.2	16.1	17.2	18.6	19.8	25.9	20.5	23.5	21.1	21.8	21.9	15.4	21.8	25.9
	2029	19.3	16.1	17.3	18.6	19.9	25.9	20.6	23.6	21.2	21.8	21.9	15.4	21.9	25.9
	2030	19.3	16.2	17.3	18.7	19.9	26.0	20.6	23.7	21.2	21.9	22.0	15.4	21.9	26.0
	2031	19.4	16.2	17.4	18.7	20.0	26.1	20.7	23.7	21.3	21.9	22.0	15.5	22.0	26.1
	2032	19.4	16.3	17.4	18.7	20.0	26.1	20.7	23.8	21.3	22.0	22.1	15.5	22.0	26.1
	2033	19.4	16.3	17.4	18.8	20.1	26.2	20.8	23.8	21.3	22.0	22.1	15.5	22.1	26.2
	2034	19.5	16.3	17.5	18.8	20.1	26.2	20.8	23.9	21.4	22.1	22.2	15.6	22.1	26.2
	2035	19.5	16.4	17.5	18.9	20.1	26.3	20.9	23.9	21.4	22.1	22.2	15.6	22.2	26.3
	2036	19.6	16.4	17.6	18.9	20.2	26.4	20.9	24.0	21.5	22.2	22.3	15.7	22.2	26.4

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	60.4%	59.1%	46.1%	52.7%	65.9%	61.8%	67.9%	69.3%	66.2%	57.6%	46.8%	60.6%	58.6%	53.9%
	2008	46.1%	60.4%	46.7%	63.5%	74.3%	56.0%	68.0%	55.7%	58.2%	57.9%	56.4%	64.0%	44.4%	47.5%
	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%
Projected	2016	62.3%	60.8%	58.8%	54.4%	68.1%	57.5%	65.2%	66.3%	57.6%	61.7%	49.2%	67.6%	63.5%	48.1%
	2017	47.7%	64.6%	60.4%	60.0%	72.1%	54.4%	65.2%	59.4%	61.2%	59.5%	49.2%	67.6%	54.7%	46.0%
	2018	47.7%	64.6%	60.3%	60.0%	72.2%	54.5%	65.2%	59.4%	61.2%	59.5%	49.2%	67.6%	54.7%	46.0%
	2019	47.7%	64.6%	60.3%	60.0%	72.2%	54.5%	65.2%	59.4%	61.2%	59.5%	49.2%	67.6%	54.7%	46.0%
	2020	47.7%	62.4%	60.3%	60.0%	72.2%	54.5%	65.2%	59.4%	61.2%	59.5%	49.2%	67.6%	54.7%	46.0%
	2021	47.7%	64.6%	60.3%	60.0%	72.2%	54.5%	65.1%	59.4%	61.2%	59.5%	49.2%	67.6%	54.7%	46.0%
	2022	47.7%	64.6%	60.3%	60.0%	72.2%	54.5%	65.1%	59.4%	61.2%	59.5%	49.2%	67.6%	54.7%	46.0%
	2023	47.7%	64.6%	60.3%	60.1%	72.2%	54.5%	65.1%	59.4%	61.2%	59.4%	49.3%	67.6%	54.7%	46.0%
	2024	47.7%	62.4%	60.3%	60.1%	72.2%	54.5%	65.1%	59.4%	61.1%	59.4%	49.3%	67.7%	54.7%	46.0%
Avg.	2007-2016	54.2%	56.2%	56.6%	58.1%	69.5%	57.5%	66.0%	63.5%	62.4%	57.6%	53.2%	64.2%	54.7%	46.7%
	2017-2026	47.7%	64.2%	60.3%	60.0%	72.2%	54.5%	65.1%	59.4%	61.2%	59.5%	49.2%	67.6%	54.7%	46.0%

FMPA 2017 Load Forecast - Mild Weather Case
Clewiston
Monthly Coincident-Peak Demand with ARP (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	20.5	18.9	18.6	19.2	21.6	24.4	21.3	26.0	21.3	25.6	22.1	17.8	18.9	26.0
	2008	23.2	14.8	25.1	16.2	21.2	19.9	20.9	23.8	20.8	18.4	17.0	13.8	23.2	23.8
	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	18.1	16.7	13.0	15.6	21.1
Projected	2017	15.7	13.3	14.9	17.1	18.0	20.4	16.8	21.2	17.2	17.7	16.8	13.1	15.7	21.2
	2018	15.7	13.4	15.0	17.2	18.1	20.5	16.9	21.3	17.3	17.8	16.8	13.1	15.7	21.3
	2019	15.8	13.4	15.1	17.3	18.1	20.6	17.0	21.4	17.3	17.8	16.9	13.2	15.8	21.4
	2020	15.8	13.5	15.1	17.3	18.2	20.7	17.0	21.5	17.4	17.9	17.0	13.2	15.8	21.5
	2021	15.9	13.5	15.2	17.4	18.3	20.7	17.1	21.5	17.4	18.0	17.0	13.3	15.9	21.5
	2022	16.0	13.6	15.2	17.5	18.3	20.8	17.1	21.6	17.5	18.0	17.1	13.3	16.0	21.6
	2023	16.0	13.6	15.3	17.5	18.4	20.9	17.2	21.7	17.6	18.1	17.1	13.4	16.0	21.7
	2024	16.1	13.6	15.3	17.6	18.4	20.9	17.2	21.7	17.6	18.1	17.2	13.4	16.1	21.7
	2025	16.1	13.7	15.3	17.6	18.5	21.0	17.3	21.8	17.6	18.2	17.2	13.4	16.1	21.8
Projected	2026	16.1	13.7	15.4	17.6	18.5	21.0	17.3	21.8	17.7	18.2	17.2	13.5	16.1	21.8
	2027	16.2	13.7	15.4	17.7	18.6	21.1	17.4	21.9	17.7	18.3	17.3	13.5	16.2	21.9
	2028	16.2	13.8	15.5	17.7	18.6	21.1	17.4	21.9	17.8	18.3	17.3	13.5	16.2	21.9
	2029	16.2	13.8	15.5	17.8	18.6	21.2	17.4	22.0	17.8	18.4	17.4	13.6	16.2	22.0
	2030	16.3	13.8	15.5	17.8	18.7	21.2	17.5	22.0	17.9	18.4	17.4	13.6	16.3	22.0
	2031	16.3	13.9	15.6	17.9	18.7	21.3	17.5	22.1	17.9	18.5	17.5	13.6	16.3	22.1
	2032	16.4	13.9	15.6	17.9	18.8	21.3	17.6	22.2	17.9	18.5	17.5	13.7	16.4	22.2
	2033	16.4	13.9	15.6	17.9	18.8	21.4	17.6	22.2	18.0	18.5	17.5	13.7	16.4	22.2
	2034	16.4	14.0	15.7	18.0	18.9	21.4	17.6	22.2	18.0	18.6	17.6	13.7	16.4	22.2
	2035	16.5	14.0	15.7	18.0	18.9	21.5	17.7	22.3	18.1	18.6	17.6	13.7	16.5	22.3
	2036	16.5	14.0	15.8	18.1	19.0	21.5	17.7	22.4	18.1	18.7	17.7	13.8	16.5	22.4

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	88.7%	91.2%	72.6%	79.7%	89.2%	99.0%	79.9%	93.2%	80.1%	81.4%	76.9%	85.7%	73.9%	93.2%
	2008	96.8%	78.1%	100.0%	89.1%	99.7%	75.7%	98.8%	88.5%	81.3%	85.0%	99.0%	78.7%	80.7%	88.5%
	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%	84.2%	79.3%	88.1%	80.6%	82.4%
Projected	2017	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2018	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2019	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2020	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2021	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2022	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2023	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2024	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2025	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2026	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2007-2016	90.2%	87.1%	91.2%	90.3%	92.6%	84.5%	88.3%	90.7%	84.5%	84.9%	83.2%	87.4%	88.3%	82.6%
	2017-2026	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%

FMPA 2017 Load Forecast - Severe Weather 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	2007	128,584	-	126,543	-	-1.6%	18.9	-	24.4	-	28.8%	26.0	-	26.2		0.9%
	2008	119,914	-6.7%	117,885	-6.8%	-1.7%	23.2	22.6%	21.9	-10.2%	-5.6%	23.8	-8.3%	24.6	-6.2%	3.2%
	2009	110,751	-7.6%	109,987	-6.7%	-0.7%	21.7	-6.4%	19.0	-13.5%	-12.7%	26.2	10.2%	19.9	-19.0%	-24.2%
	2010	111,347	0.5%	105,622	-4.0%	-5.1%	25.6	18.0%	20.3	7.1%	-20.7%	21.9	-16.6%	21.3	7.0%	-2.7%
	2011	108,348	-2.7%	101,505	-3.9%	-6.3%	23.5	-8.2%	22.4	10.1%	-4.9%	20.3	-7.2%	20.2	-4.9%	-0.3%
	2012	103,126	-4.8%	101,600	0.1%	-1.5%	19.3	-18.2%	18.1	-19.1%	-6.0%	19.7	-2.9%	21.1	4.3%	7.1%
	2013	100,568	-2.5%	99,417	-2.1%	-1.1%	14.9	-22.9%	13.6	-25.1%	-8.7%	19.8	0.4%	19.9	-5.5%	0.9%
	2014	104,563	4.0%	100,978	1.6%	-3.4%	15.9	7.1%	17.4	28.7%	9.6%	21.4	8.2%	21.8	9.4%	2.0%
	2015	105,534	0.9%	102,292	1.3%	-3.1%	26.8	68.6%	15.2	-12.9%	-43.3%	21.3	-0.6%	19.9	-9.0%	-6.6%
	2016	109,324	3.6%	103,299	1.0%	-5.5%	15.6	-41.8%	16.3	7.4%	4.5%	21.1	-0.9%	22.1	11.4%	5.0%
Projected	2017	107,705	-1.5%	107,705	4.3%		16.7	7.2%	16.7	2.6%		22.7	7.5%	22.7	2.4%	
	2018			108,248	0.5%				16.8	0.5%				22.8	0.5%	
	2019			108,693	0.4%				16.9	0.4%				22.9	0.4%	
	2020			109,094	0.4%				16.9	0.4%				22.9	0.4%	
	2021			109,469	0.3%				17.0	0.4%				23.0	0.4%	
	2022			109,860	0.4%				17.1	0.3%				23.1	0.3%	
	2023			110,185	0.3%				17.1	0.3%				23.2	0.3%	
	2024			110,494	0.3%				17.2	0.3%				23.2	0.3%	
	2025			110,758	0.2%				17.2	0.2%				23.3	0.2%	
	2026			110,992	0.2%				17.2	0.2%				23.3	0.2%	
	2027			111,279	0.3%				17.3	0.3%				23.4	0.3%	
	2028			111,564	0.3%				17.3	0.3%				23.5	0.3%	
	2029			111,844	0.3%				17.4	0.3%				23.5	0.3%	
	2030			112,117	0.2%				17.4	0.2%				23.6	0.2%	
	2031			112,379	0.2%				17.5	0.2%				23.6	0.2%	
	2032			112,645	0.2%				17.5	0.2%				23.7	0.2%	
	2033			112,889	0.2%				17.5	0.2%				23.7	0.2%	
	2034			113,111	0.2%				17.6	0.2%				23.8	0.2%	
	2035			113,392	0.2%				17.6	0.3%				23.8	0.3%	
	2036			113,679	0.3%				17.7	0.3%				23.9	0.3%	
CAGR ^[3]	2007-2016		-1.8%		-2.2%			-2.1%		-4.4%			-2.3%		-1.9%	
	2017-2026				0.3%					0.3%					0.3%	
	2027-2036				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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	128,584	-	126,543	-	-1.6%	25.6	-	57.3%	27.9	-	52.6%
	2008	119,914	-6.7%	117,885	-6.8%	-1.7%	28.8	12.3%	47.6%	26.9	-3.5%	50.9%
	2009	110,751	-7.6%	109,987	-6.7%	-0.7%	21.8	-24.2%	58.0%	26.5	-1.4%	47.7%
	2010	111,347	0.5%	105,622	-4.0%	-5.1%	25.6	17.6%	49.6%	27.7	4.3%	46.0%
	2011	108,348	-2.7%	101,505	-3.9%	-6.3%	23.7	-7.5%	52.1%	28.6	3.4%	43.2%
	2012	103,126	-4.8%	101,600	0.1%	-1.5%	20.6	-13.2%	57.2%	27.3	-4.7%	43.2%
	2013	100,568	-2.5%	99,417	-2.1%	-1.1%	22.9	11.2%	50.2%	24.6	-9.8%	46.7%
	2014	104,563	4.0%	100,978	1.6%	-3.4%	17.4	-23.8%	68.4%	26.7	8.6%	44.7%
	2015	105,534	0.9%	102,292	1.3%	-3.1%	26.9	54.2%	44.8%	26.7	-0.1%	45.2%
	2016	109,324	3.6%	103,299	1.0%	-5.5%	19.4	-28.0%	64.4%	25.6	-4.2%	48.8%
Projected	2017	107,705	-1.5%	107,705	4.3%		22.5	16.2%	54.6%	26.7	4.5%	46.0%
	2018	108,248	0.5%	108,248	0.5%		22.6	0.5%	54.6%	26.9	0.5%	46.0%
	2019	108,693	0.4%	108,693	0.4%		22.7	0.4%	54.6%	27.0	0.4%	46.0%
	2020	109,094	0.4%	109,094	0.4%		22.8	0.4%	54.6%	27.1	0.4%	46.0%
	2021	109,469	0.3%	109,469	0.3%		22.9	0.4%	54.6%	27.2	0.4%	46.0%
	2022	109,860	0.4%	109,860	0.4%		22.9	0.3%	54.6%	27.2	0.3%	46.0%
	2023	110,185	0.3%	110,185	0.3%		23.0	0.3%	54.6%	27.3	0.3%	46.0%
	2024	110,494	0.3%	110,494	0.3%		23.1	0.3%	54.7%	27.4	0.3%	46.0%
	2025	110,758	0.2%	110,758	0.2%		23.1	0.2%	54.7%	27.5	0.2%	46.0%
	2026	110,992	0.2%	110,992	0.2%		23.2	0.2%	54.7%	27.5	0.2%	46.0%
	2027	111,279	0.3%	111,279	0.3%		23.2	0.3%	54.7%	27.6	0.3%	46.0%
	2028	111,564	0.3%	111,564	0.3%		23.3	0.3%	54.7%	27.7	0.3%	46.0%
	2029	111,844	0.3%	111,844	0.3%		23.4	0.3%	54.7%	27.7	0.3%	46.0%
	2030	112,117	0.2%	112,117	0.2%		23.4	0.2%	54.7%	27.8	0.2%	46.0%
	2031	112,379	0.2%	112,379	0.2%		23.5	0.2%	54.7%	27.9	0.2%	46.0%
	2032	112,645	0.2%	112,645	0.2%		23.5	0.2%	54.7%	27.9	0.2%	46.0%
	2033	112,889	0.2%	112,889	0.2%		23.6	0.2%	54.7%	28.0	0.2%	46.0%
	2034	113,111	0.2%	113,111	0.2%		23.6	0.2%	54.7%	28.1	0.2%	46.0%
	2035	113,392	0.2%	113,392	0.2%		23.7	0.3%	54.7%	28.1	0.3%	46.0%
	2036	113,679	0.3%	113,679	0.3%		23.7	0.3%	54.7%	28.2	0.3%	46.0%
CAGR ^[1]	2007-2016		-1.8%		-2.2%			-3.1%	54.9%		-1.0%	46.9%
	2017-2026		0.3%		0.3%			0.3%	54.6%		0.3%	46.0%
	2027-2036		0.2%		0.2%			0.2%	54.7%		0.2%	46.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Severe Weather Case

Clewiston

Monthly Net Energy for Load (MWh)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2007	10,376	8,249	8,786	9,466	10,709	11,346	13,035	14,372	12,696	13,485	10,034	9,044	131,597	128,584
	2008	8,236	7,940	8,736	8,614	10,609	10,985	10,360	11,134	10,737	9,320	7,200	8,064	111,935	119,914
	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	9,871	7,705	7,515	108,069	109,324
Projected	2017	7,621	7,783	7,931	7,997	9,277	10,493	10,268	11,238	10,008	9,900	7,740	7,549	107,804	107,705
	2018	7,658	7,827	7,958	8,044	9,331	10,556	10,324	11,302	10,059	9,951	7,777	7,583	108,370	108,248
	2019	7,691	7,858	7,989	8,076	9,367	10,596	10,361	11,346	10,098	9,990	7,808	7,612	108,792	108,693
	2020	7,721	7,889	8,020	8,107	9,402	10,634	10,395	11,385	10,132	10,023	7,833	7,636	109,176	109,094
	2021	7,745	7,914	8,048	8,135	9,435	10,672	10,432	11,427	10,170	10,060	7,863	7,666	109,566	109,469
	2022	7,775	7,943	8,077	8,165	9,468	10,708	10,465	11,466	10,202	10,092	7,887	7,688	109,938	109,860
	2023	7,797	7,967	8,101	8,190	9,496	10,740	10,495	11,499	10,232	10,121	7,910	7,710	110,258	110,185
	2024	7,818	7,989	8,124	8,214	9,523	10,770	10,523	11,532	10,260	10,148	7,931	7,731	110,563	110,494
	2025	7,838	8,008	8,145	8,235	9,546	10,794	10,544	11,556	10,280	10,169	7,947	7,745	110,808	110,758
	2026	7,852	8,024	8,162	8,253	9,567	10,818	10,567	11,584	10,305	10,194	7,967	7,765	111,058	110,992
Projected	2027	7,872	8,044	8,183	8,276	9,592	10,846	10,594	11,614	10,332	10,220	7,988	7,785	111,345	111,279
	2028	7,892	8,064	8,204	8,298	9,617	10,874	10,620	11,644	10,358	10,246	8,008	7,804	111,629	111,564
	2029	7,911	8,084	8,225	8,319	9,642	10,901	10,645	11,674	10,384	10,271	8,028	7,824	111,909	111,844
	2030	7,930	8,104	8,245	8,341	9,665	10,928	10,670	11,702	10,409	10,296	8,047	7,842	112,178	112,117
	2031	7,948	8,122	8,265	8,361	9,688	10,953	10,694	11,730	10,433	10,320	8,066	7,860	112,440	112,379
	2032	7,966	8,141	8,285	8,382	9,712	10,979	10,718	11,759	10,458	10,345	8,086	7,879	112,709	112,645
	2033	7,984	8,159	8,303	8,401	9,733	11,002	10,738	11,781	10,477	10,363	8,100	7,893	112,935	112,889
	2034	7,997	8,173	8,319	8,419	9,753	11,025	10,760	11,808	10,501	10,388	8,120	7,912	113,175	113,111
	2035	8,016	8,193	8,340	8,441	9,778	11,052	10,786	11,838	10,527	10,414	8,141	7,932	113,459	113,392
	2036	8,035	8,213	8,362	8,463	9,803	11,080	10,813	11,869	10,554	10,441	8,161	7,952	113,746	113,679

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2007	7.9%	6.3%	6.7%	7.2%	8.1%	8.6%	9.9%	10.9%	9.6%	10.2%	7.6%	6.9%	100.0%
	2008	7.4%	7.1%	7.8%	7.7%	9.5%	9.8%	9.3%	9.9%	9.6%	8.3%	6.4%	7.2%	100.0%
	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	6.3%	6.1%	7.2%	7.6%	8.9%	10.1%	10.5%	10.4%	9.6%	9.1%	7.1%	7.0%	100.0%
Projected	2017	7.1%	7.2%	7.4%	7.4%	8.6%	9.7%	9.5%	10.4%	9.3%	9.2%	7.2%	7.0%	100.0%
	2018	7.1%	7.2%	7.3%	7.4%	8.6%	9.7%	9.5%	10.4%	9.3%	9.2%	7.2%	7.0%	100.0%
	2019	7.1%	7.2%	7.3%	7.4%	8.6%	9.7%	9.5%	10.4%	9.3%	9.2%	7.2%	7.0%	100.0%
	2020	7.1%	7.2%	7.3%	7.4%	8.6%	9.7%	9.5%	10.4%	9.3%	9.2%	7.2%	7.0%	100.0%
	2021	7.1%	7.2%	7.3%	7.4%	8.6%	9.7%	9.5%	10.4%	9.3%	9.2%	7.2%	7.0%	100.0%
	2022	7.1%	7.2%	7.3%	7.4%	8.6%	9.7%	9.5%	10.4%	9.3%	9.2%	7.2%	7.0%	100.0%
	2023	7.1%	7.2%	7.3%	7.4%	8.6%	9.7%	9.5%	10.4%	9.3%	9.2%	7.2%	7.0%	100.0%
	2024	7.1%	7.2%	7.3%	7.4%	8.6%	9.7%	9.5%	10.4%	9.3%	9.2%	7.2%	7.0%	100.0%
	2025	7.1%	7.2%	7.4%	7.4%	8.6%	9.7%	9.5%	10.4%	9.3%	9.2%	7.2%	7.0%	100.0%
	2026	7.1%	7.2%	7.3%	7.4%	8.6%	9.7%	9.5%	10.4%	9.3%	9.2%	7.2%	7.0%	100.0%
Avg.	2007-2016	7.1%	6.5%	7.2%	7.8%	9.1%	10.0%	9.7%	10.1%	9.4%	8.9%	7.1%	7.1%	100.0%
	2017-2026	7.1%	7.2%	7.3%	7.4%	8.6%	9.7%	9.5%	10.4%	9.3%	9.2%	7.2%	7.0%	100.0%

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FMPA 2017 Load Forecast - Severe Weather Case
Clewiston
Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	23.1	20.8	25.6	24.1	24.2	24.7	26.7	27.9	26.6	31.5	28.8	20.7	25.6	27.9
	2008	24.0	18.9	25.1	18.2	21.2	26.3	21.2	26.9	25.6	21.6	17.1	17.5	28.8	26.9
	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	21.5	22.5	15.8	19.4	25.6
Projected	2017	19.8	16.6	17.8	19.2	20.5	26.7	21.2	24.3	21.8	22.5	22.6	15.9	22.5	26.7
	2018	19.9	16.7	17.9	19.3	20.6	26.9	21.3	24.4	21.9	22.6	22.7	16.0	22.6	26.9
	2019	20.0	16.8	18.0	19.3	20.6	27.0	21.4	24.5	22.0	22.7	22.8	16.0	22.7	27.0
	2020	20.1	16.8	18.0	19.4	20.7	27.1	21.5	24.6	22.1	22.8	22.9	16.1	22.8	27.1
	2021	20.2	16.9	18.1	19.5	20.8	27.2	21.5	24.7	22.1	22.8	22.9	16.1	22.9	27.2
	2022	20.2	16.9	18.1	19.5	20.9	27.2	21.6	24.8	22.2	22.9	23.0	16.2	22.9	27.2
	2023	20.3	17.0	18.2	19.6	20.9	27.3	21.7	24.9	22.3	23.0	23.1	16.2	23.0	27.3
	2024	20.3	17.0	18.2	19.7	21.0	27.4	21.7	24.9	22.3	23.0	23.1	16.3	23.1	27.4
	2025	20.4	17.1	18.3	19.7	21.0	27.5	21.8	25.0	22.4	23.1	23.2	16.3	23.1	27.5
Projected	2026	20.4	17.1	18.3	19.7	21.1	27.5	21.8	25.0	22.4	23.1	23.2	16.3	23.2	27.5
	2027	20.5	17.2	18.4	19.8	21.1	27.6	21.9	25.1	22.5	23.2	23.3	16.4	23.2	27.6
	2028	20.5	17.2	18.4	19.8	21.2	27.7	21.9	25.2	22.6	23.3	23.4	16.4	23.3	27.7
	2029	20.6	17.2	18.5	19.9	21.2	27.7	22.0	25.2	22.6	23.3	23.4	16.5	23.4	27.7
	2030	20.6	17.3	18.5	19.9	21.3	27.8	22.1	25.3	22.7	23.4	23.5	16.5	23.4	27.8
	2031	20.7	17.3	18.6	20.0	21.3	27.9	22.1	25.3	22.7	23.4	23.5	16.5	23.5	27.9
	2032	20.7	17.4	18.6	20.0	21.4	27.9	22.2	25.4	22.8	23.5	23.6	16.6	23.5	27.9
	2033	20.8	17.4	18.6	20.1	21.4	28.0	22.2	25.5	22.8	23.5	23.6	16.6	23.6	28.0
	2034	20.8	17.4	18.7	20.1	21.5	28.1	22.3	25.5	22.9	23.6	23.7	16.6	23.6	28.1
Projected	2035	20.9	17.5	18.7	20.2	21.5	28.1	22.3	25.6	22.9	23.6	23.7	16.7	23.7	28.1
	2036	20.9	17.5	18.8	20.2	21.6	28.2	22.4	25.6	23.0	23.7	23.8	16.7	23.7	28.2

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	60.4%	59.1%	46.1%	52.7%	65.9%	61.8%	67.9%	69.3%	66.2%	57.6%	46.8%	60.6%	58.6%	53.9%
	2008	46.1%	60.4%	46.7%	63.5%	74.3%	56.0%	68.0%	55.7%	58.2%	57.9%	56.4%	64.0%	44.4%	47.5%
	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%
Projected	2016	62.3%	60.8%	58.8%	54.4%	68.1%	57.5%	65.2%	66.3%	57.6%	61.7%	46.0%	66.0%	63.7%	48.3%
	2017	51.6%	69.7%	59.9%	56.1%	67.5%	52.8%	67.3%	62.2%	63.8%	59.2%	46.0%	65.9%	54.7%	46.1%
	2018	51.6%	69.7%	59.8%	56.1%	67.5%	52.8%	67.3%	62.2%	63.8%	59.2%	46.0%	66.0%	54.7%	46.1%
	2019	51.6%	69.7%	59.8%	56.1%	67.5%	52.8%	67.3%	62.2%	63.8%	59.2%	46.0%	66.0%	54.7%	46.1%
	2020	51.7%	67.4%	59.8%	56.1%	67.5%	52.8%	67.3%	62.2%	63.8%	59.2%	46.0%	66.0%	54.7%	46.1%
	2021	51.6%	69.7%	59.8%	56.1%	67.5%	52.8%	67.3%	62.2%	63.8%	59.2%	46.1%	66.0%	54.7%	46.1%
	2022	51.6%	69.8%	59.8%	56.2%	67.5%	52.8%	67.2%	62.2%	63.8%	59.2%	46.1%	66.0%	54.7%	46.1%
	2023	51.6%	69.8%	59.8%	56.2%	67.5%	52.8%	67.2%	62.2%	63.8%	59.2%	46.1%	66.0%	54.7%	46.1%
	2024	51.6%	67.4%	59.9%	56.2%	67.5%	52.8%	67.2%	62.2%	63.8%	59.2%	46.1%	66.0%	54.7%	46.1%
Avg.	2007-2016	54.2%	56.2%	56.6%	58.1%	69.5%	57.5%	66.0%	63.5%	62.4%	57.6%	52.9%	64.1%	54.7%	46.7%
	2017-2026	51.6%	69.3%	59.8%	56.1%	67.5%	52.8%	67.3%	62.2%	63.8%	59.2%	46.1%	66.0%	54.7%	46.1%

FMPA 2017 Load Forecast - Severe Weather Case
Clewiston
 Monthly Coincident-Peak Demand with ARP (MW)

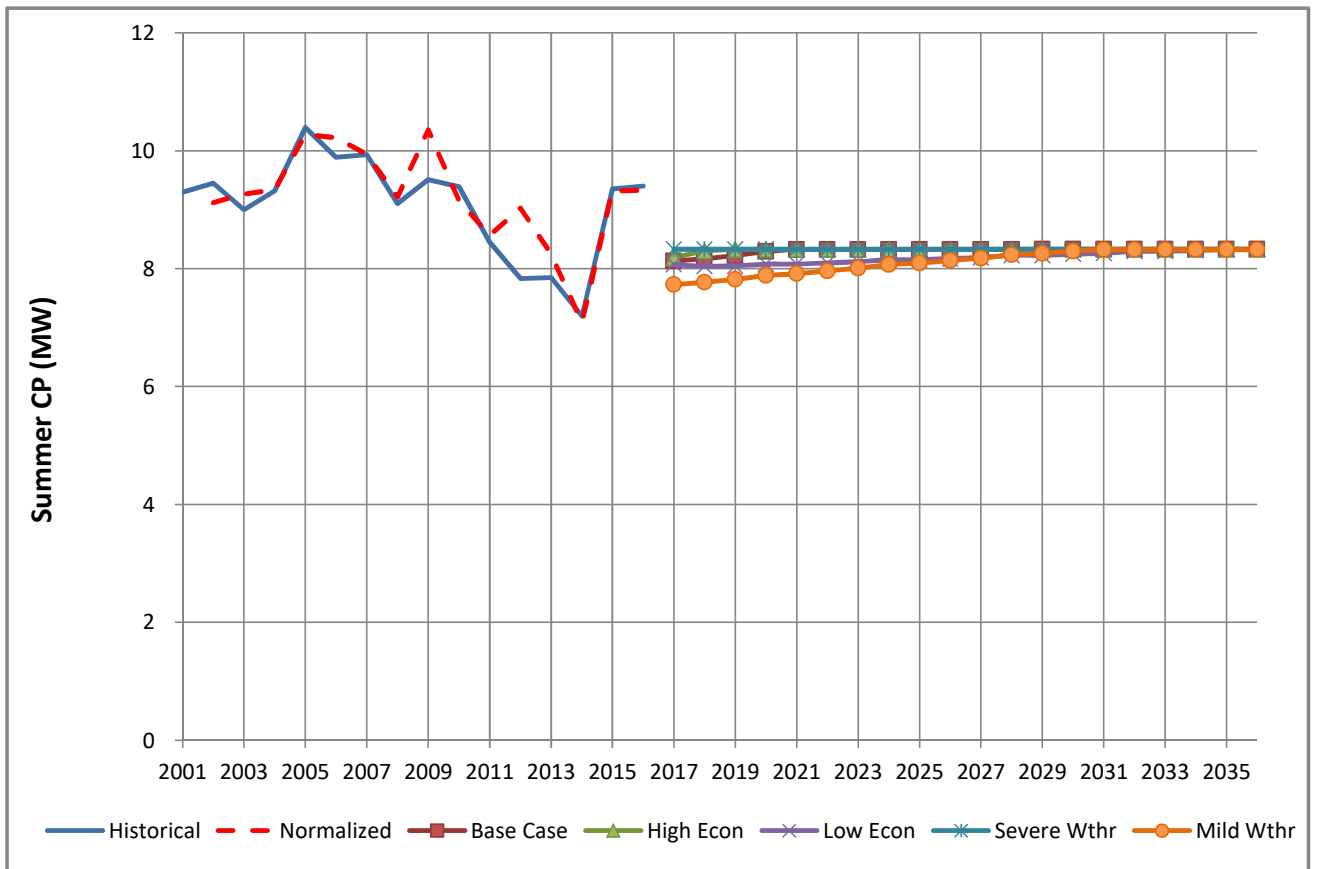
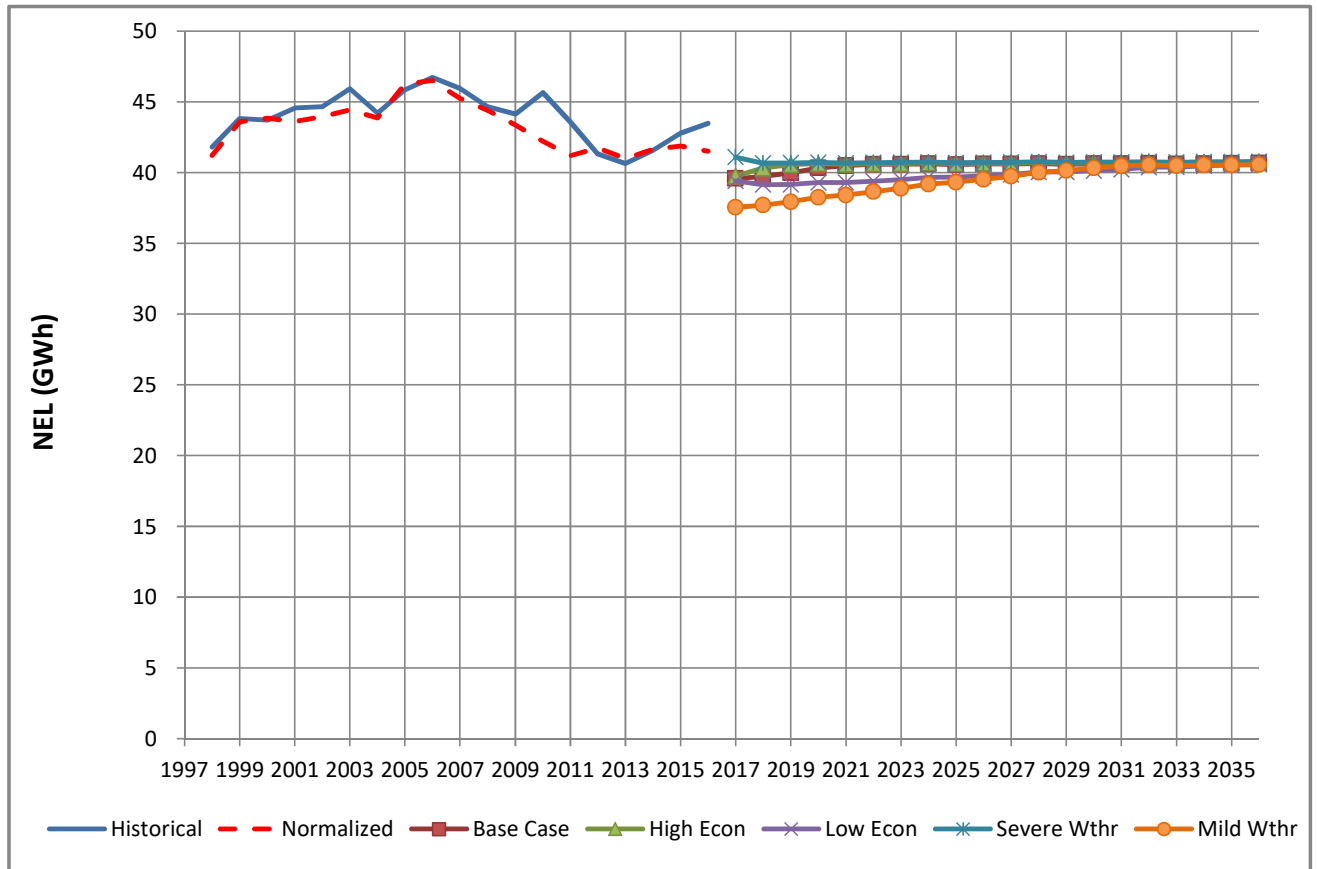
	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	20.5	18.9	18.6	19.2	21.6	24.4	21.3	26.0	21.3	25.6	22.1	17.8	18.9	26.0
	2008	23.2	14.8	25.1	16.2	21.2	19.9	20.9	23.8	20.8	18.4	17.0	13.8	23.2	23.8
	2009	20.6	21.7	17.0	17.0	22.4	26.2	19.8	19.5	19.3	20.2	17.4	13.0	21.7	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	18.1	17.9	13.9	15.6	21.1
Projected	2017	16.7	14.2	16.0	18.3	19.2	21.8	18.0	22.7	18.4	18.9	17.9	14.0	16.7	22.7
	2018	16.8	14.3	16.0	18.4	19.3	21.9	18.1	22.8	18.4	19.0	18.0	14.1	16.8	22.8
	2019	16.9	14.3	16.1	18.5	19.4	22.0	18.1	22.9	18.5	19.1	18.1	14.1	16.9	22.9
	2020	16.9	14.4	16.2	18.5	19.4	22.1	18.2	22.9	18.6	19.2	18.1	14.2	16.9	22.9
	2021	17.0	14.4	16.2	18.6	19.5	22.2	18.3	23.0	18.7	19.2	18.2	14.2	17.0	23.0
	2022	17.1	14.5	16.3	18.7	19.6	22.2	18.3	23.1	18.7	19.3	18.3	14.2	17.1	23.1
	2023	17.1	14.5	16.3	18.7	19.6	22.3	18.4	23.2	18.8	19.3	18.3	14.3	17.1	23.2
	2024	17.2	14.6	16.4	18.8	19.7	22.4	18.4	23.2	18.8	19.4	18.3	14.3	17.2	23.2
	2025	17.2	14.6	16.4	18.8	19.7	22.4	18.5	23.3	18.9	19.4	18.4	14.3	17.2	23.3
Projected	2026	17.2	14.6	16.4	18.9	19.8	22.5	18.5	23.3	18.9	19.5	18.4	14.4	17.2	23.3
	2027	17.3	14.7	16.5	18.9	19.8	22.5	18.6	23.4	19.0	19.5	18.5	14.4	17.3	23.4
	2028	17.3	14.7	16.5	19.0	19.9	22.6	18.6	23.5	19.0	19.6	18.5	14.5	17.3	23.5
	2029	17.4	14.8	16.6	19.0	19.9	22.6	18.6	23.5	19.1	19.6	18.6	14.5	17.4	23.5
	2030	17.4	14.8	16.6	19.1	20.0	22.7	18.7	23.6	19.1	19.7	18.6	14.5	17.4	23.6
	2031	17.5	14.8	16.7	19.1	20.0	22.7	18.7	23.6	19.1	19.7	18.7	14.6	17.5	23.6
	2032	17.5	14.9	16.7	19.1	20.1	22.8	18.8	23.7	19.2	19.8	18.7	14.6	17.5	23.7
	2033	17.5	14.9	16.7	19.2	20.1	22.8	18.8	23.7	19.2	19.8	18.7	14.6	17.5	23.7
	2034	17.6	14.9	16.8	19.2	20.2	22.9	18.9	23.8	19.3	19.9	18.8	14.7	17.6	23.8
Projected	2035	17.6	15.0	16.8	19.3	20.2	23.0	18.9	23.8	19.3	19.9	18.8	14.7	17.6	23.8
	2036	17.7	15.0	16.8	19.3	20.3	23.0	19.0	23.9	19.4	20.0	18.9	14.7	17.7	23.9

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	88.7%	91.2%	72.6%	79.7%	89.2%	99.0%	79.9%	93.2%	80.1%	81.4%	76.9%	85.7%	73.9%	93.2%
	2008	96.8%	78.1%	100.0%	89.1%	99.7%	75.7%	98.8%	88.5%	81.3%	85.0%	99.0%	78.7%	80.7%	88.5%
	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%
Projected	2016	95.9%	100.0%	88.2%	94.3%	97.2%	83.7%	87.1%	97.5%	82.3%	84.2%	79.3%	88.1%	80.6%	82.4%
	2017	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2018	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2019	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2020	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2021	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2022	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2023	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2024	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
Projected	2025	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
	2026	84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%
2007-2016		90.2%	87.1%	91.2%	90.3%	92.6%	84.5%	88.3%	90.7%	84.5%	84.9%	83.2%	87.4%	88.3%	82.6%
2017-2026		84.4%	85.6%	89.7%	95.5%	93.9%	81.6%	84.7%	93.2%	84.2%	84.2%	79.3%	88.1%	74.4%	84.8%

Fort Meade

FMPA 2017 Load Forecast **Fort Meade (with CROD)** Historical and Projected NEL and Annual Coincident Peak Demand



FMPA 2017 Load Forecast - Low Economic Case
Ft. Meade (Forecast Limited by the CROD)*
 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)				
		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	2007	45,942	-	45,579	-	-0.8%	10.6	-	12.3	-	15.5%	9.9	-	9.9		0.0%
	2008	44,665	-2.8%	44,765	-1.8%	0.2%	11.8	11.5%	11.6	-5.8%	-2.4%	9.1	-8.4%	9.2	-7.3%	1.3%
	2009	44,134	-1.2%	43,629	-2.5%	-1.1%	12.5	5.6%	10.2	-11.6%	-18.3%	9.5	4.5%	10.4	12.3%	8.9%
	2010	45,653	3.4%	42,253	-3.2%	-7.4%	14.0	11.9%	12.4	21.8%	-11.2%	9.4	-1.2%	9.2	-11.6%	-2.6%
	2011	43,569	-4.6%	40,843	-3.3%	-6.3%	12.3	-11.9%	11.7	-5.5%	-4.8%	8.4	-10.1%	8.4	-8.4%	-0.8%
	2012	41,322	-5.2%	41,344	1.2%	0.1%	10.9	-11.5%	11.0	-6.6%	0.5%	7.8	-7.2%	9.0	7.7%	15.2%
	2013	40,645	-1.6%	41,003	-0.8%	0.9%	8.7	-20.1%	9.4	-14.6%	7.5%	7.8	0.2%	8.2	-8.7%	5.1%
	2014	41,588	2.3%	41,652	1.6%	0.2%	9.3	6.8%	11.2	19.7%	20.5%	7.2	-8.3%	7.1	-14.1%	-1.6%
	2015	42,783	2.9%	41,876	0.5%	-2.1%	10.6	14.2%	10.4	-7.3%	-2.2%	9.4	30.0%	9.3	31.5%	-0.4%
	2016	43,483	1.6%	41,529	-0.8%	-4.5%	9.5	-10.2%	10.6	2.2%	11.4%	9.4	0.5%	9.3	0.2%	-0.7%
Projected	2017	39,403	-9.4%	39,403	-5.1%		10.0	5.2%	10.0	-5.5%		8.1	-14.1%	8.1	-13.5%	
	2018			39,150	-0.6%				10.0	-0.4%				8.0	-0.4%	
	2019			39,163	0.0%				10.0	0.1%				8.0	0.1%	
	2020			39,306	0.4%				10.1	0.4%				8.1	0.4%	
	2021			39,309	0.0%				10.1	0.0%				8.1	0.0%	
	2022			39,400	0.2%				10.1	0.2%				8.1	0.2%	
	2023			39,498	0.2%				10.1	0.2%				8.1	0.2%	
	2024			39,672	0.4%				10.1	0.4%				8.2	0.4%	
	2025			39,681	0.0%				10.1	0.0%				8.2	0.0%	
	2026			39,771	0.2%				10.2	0.2%				8.2	0.2%	
	2027			39,864	0.2%				10.2	0.2%				8.2	0.2%	
	2028			40,038	0.4%				10.2	0.4%				8.2	0.4%	
	2029			40,051	0.0%				10.2	0.0%				8.2	0.0%	
	2030			40,140	0.2%				10.3	0.2%				8.2	0.2%	
	2031			40,226	0.2%				10.3	0.2%				8.3	0.2%	
	2032			40,391	0.4%				10.3	0.4%				8.3	0.4%	
	2033			40,393	0.0%				10.3	0.0%				8.3	0.0%	
	2034			40,472	0.2%				10.3	0.2%				8.3	0.2%	
	2035			40,540	0.2%				10.4	0.2%				8.3	0.2%	
	2036			40,589	0.1%				10.4	0.0%				8.3	0.0%	
CAGR ^[3]	2007-2016		-0.6%		-1.0%			-1.2%		-1.6%			-0.6%		-0.7%	
	2017-2026				0.1%					0.1%					0.1%	
	2027-2036				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

* Ft. Meade's CROD is 10.36 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD.
 The ratio of CROD/MaxD is used for calculation of scheduled energy and billed loads.

FMPA 2017 Load Forecast - Low Economic Case
Ft. Meade (Forecast Limited by the CROD)*
 Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2007	45,942	-	45,579	-	-0.8%	11.0	-	47.8%	10.1	-	52.1%
	2008	44,665	-2.8%	44,765	-1.8%	0.2%	12.7	15.4%	40.2%	10.0	-0.7%	51.0%
	2009	44,134	-1.2%	43,629	-2.5%	-1.1%	12.7	0.0%	39.8%	9.6	-4.5%	52.7%
	2010	45,653	3.4%	42,253	-3.2%	-7.4%	14.0	10.5%	37.2%	9.7	1.0%	54.0%
	2011	43,569	-4.6%	40,843	-3.3%	-6.3%	12.5	-10.8%	39.8%	9.7	0.2%	51.5%
	2012	41,322	-5.2%	41,344	1.2%	0.1%	11.0	-11.9%	42.9%	8.9	-7.9%	53.0%
	2013	40,645	-1.6%	41,003	-0.8%	0.9%	9.6	-12.9%	48.4%	8.8	-0.8%	52.6%
	2014	41,588	2.3%	41,652	1.6%	0.2%	9.9	3.8%	47.7%	9.4	6.0%	50.7%
	2015	42,783	2.9%	41,876	0.5%	-2.1%	11.1	11.6%	44.0%	9.5	1.6%	51.4%
	2016	43,483	1.6%	41,529	-0.8%	-4.5%	9.7	-12.5%	51.1%	9.5	0.1%	52.2%
Projected	2017	39,403	-9.4%	39,403	-5.1%		10.4	6.7%	43.4%	8.8	-7.1%	50.9%
	2018	39,150	-0.6%	39,150	-0.6%		10.4	0.0%	43.1%	8.8	-0.4%	50.7%
	2019	39,163	0.0%	39,163	0.0%		10.4	0.0%	43.2%	8.8	0.1%	50.7%
	2020	39,306	0.4%	39,306	0.4%		10.4	0.0%	43.3%	8.8	0.4%	50.7%
	2021	39,309	0.0%	39,309	0.0%		10.4	0.0%	43.3%	8.8	0.0%	50.7%
	2022	39,400	0.2%	39,400	0.2%		10.4	0.0%	43.4%	8.9	0.2%	50.7%
	2023	39,498	0.2%	39,498	0.2%		10.4	0.0%	43.5%	8.9	0.2%	50.7%
	2024	39,672	0.4%	39,672	0.4%		10.4	0.0%	43.7%	8.9	0.4%	50.7%
	2025	39,681	0.0%	39,681	0.0%		10.4	0.0%	43.7%	8.9	0.0%	50.7%
	2026	39,771	0.2%	39,771	0.2%		10.4	0.0%	43.8%	9.0	0.2%	50.7%
	2027	39,864	0.2%	39,864	0.2%		10.4	0.0%	43.9%	9.0	0.2%	50.7%
	2028	40,038	0.4%	40,038	0.4%		10.4	0.0%	44.1%	9.0	0.4%	50.7%
	2029	40,051	0.0%	40,051	0.0%		10.4	0.0%	44.1%	9.0	0.0%	50.7%
	2030	40,140	0.2%	40,140	0.2%		10.4	0.0%	44.2%	9.0	0.2%	50.7%
	2031	40,226	0.2%	40,226	0.2%		10.4	0.0%	44.3%	9.1	0.2%	50.7%
	2032	40,391	0.4%	40,391	0.4%		10.4	0.0%	44.5%	9.1	0.4%	50.7%
	2033	40,393	0.0%	40,393	0.0%		10.4	0.0%	44.5%	9.1	0.0%	50.7%
	2034	40,472	0.2%	40,472	0.2%		10.4	0.0%	44.6%	9.1	0.2%	50.7%
	2035	40,540	0.2%	40,540	0.2%		10.4	0.0%	44.7%	9.1	0.2%	50.8%
	2036	40,589	0.1%	40,589	0.1%		10.4	0.0%	44.7%	9.1	0.0%	50.8%
CAGR ^[1]	2007-2016		-0.6%		-1.0%			-1.4%	43.9%		-0.6%	52.1%
	2017-2026		0.1%		0.1%			0.0%	43.5%		0.1%	50.7%
	2027-2036		0.2%		0.2%			0.0%	44.4%		0.2%	50.7%

* Ft. Meade's CROD is 10.36 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD.

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Low Economic Case
Ft. Meade (Forecast Limited by the CROD)
Monthly Net Energy for Load (MWh)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2007	3,487	3,365	3,361	3,425	3,959	4,213	4,539	4,932	4,306	4,023	3,011	3,280	45,902	45,942
	2008	3,571	3,092	3,231	3,310	4,209	4,298	4,077	4,275	4,288	3,637	3,238	3,267	44,493	44,665
	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	3,257	2,835	3,040	42,673	43,483
Projected	2017	3,278	2,628	2,827	2,857	3,546	3,632	3,847	3,917	3,740	3,206	2,807	3,016	39,299	39,403
	2018	3,249	2,607	2,808	2,842	3,529	3,616	3,832	3,905	3,732	3,201	2,805	3,015	39,143	39,150
	2019	3,250	2,608	2,809	2,843	3,531	3,619	3,836	3,909	3,736	3,205	2,809	3,020	39,175	39,163
	2020	3,255	2,690	2,814	2,848	3,537	3,625	3,843	3,917	3,743	3,212	2,814	3,026	39,323	39,306
	2021	3,262	2,618	2,820	2,853	3,544	3,633	3,852	3,925	3,751	3,219	2,820	3,032	39,329	39,309
	2022	3,269	2,624	2,826	2,860	3,552	3,642	3,861	3,935	3,761	3,227	2,827	3,040	39,422	39,400
	2023	3,277	2,630	2,833	2,867	3,560	3,651	3,871	3,945	3,770	3,235	2,834	3,047	39,520	39,498
	2024	3,286	2,716	2,840	2,873	3,569	3,659	3,880	3,955	3,779	3,242	2,840	3,054	39,692	39,672
	2025	3,293	2,643	2,846	2,879	3,576	3,668	3,889	3,964	3,787	3,249	2,846	3,061	39,702	39,681
Projected	2026	3,301	2,648	2,852	2,886	3,584	3,676	3,899	3,973	3,796	3,257	2,852	3,068	39,792	39,771
	2027	3,308	2,655	2,859	2,892	3,592	3,685	3,908	3,983	3,805	3,265	2,859	3,075	39,885	39,864
	2028	3,316	2,741	2,865	2,899	3,600	3,693	3,918	3,992	3,814	3,272	2,865	3,082	40,059	40,038
	2029	3,324	2,667	2,872	2,905	3,608	3,702	3,927	4,002	3,823	3,280	2,872	3,089	40,072	40,051
	2030	3,332	2,673	2,878	2,911	3,616	3,710	3,936	4,011	3,832	3,287	2,878	3,096	40,160	40,140
	2031	3,339	2,679	2,884	2,917	3,624	3,718	3,944	4,019	3,840	3,294	2,884	3,102	40,245	40,226
	2032	3,347	2,765	2,890	2,923	3,631	3,726	3,953	4,028	3,848	3,301	2,889	3,108	40,410	40,391
	2033	3,354	2,690	2,896	2,929	3,638	3,734	3,961	4,037	3,856	3,307	2,895	3,114	40,411	40,393
	2034	3,360	2,696	2,901	2,934	3,645	3,741	3,969	4,045	3,863	3,314	2,900	3,120	40,489	40,472
	2035	3,367	2,700	2,906	2,939	3,650	3,747	3,976	4,051	3,870	3,319	2,905	3,125	40,555	40,540
	2036	3,373	2,775	2,900	2,933	3,643	3,740	3,969	4,044	3,862	3,313	2,899	3,119	40,571	40,589

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2007	7.6%	7.3%	7.3%	7.5%	8.6%	9.2%	9.9%	10.7%	9.4%	8.8%	6.6%	7.1%	100.0%
	2008	8.0%	6.9%	7.3%	7.4%	9.5%	9.7%	9.2%	9.6%	9.6%	8.2%	7.3%	7.3%	100.0%
	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	8.0%	7.2%	7.3%	7.6%	8.9%	9.7%	10.3%	10.1%	9.5%	7.6%	6.6%	7.1%	100.0%
Projected	2017	8.3%	6.7%	7.2%	7.3%	9.0%	9.2%	9.8%	10.0%	9.5%	8.2%	7.1%	7.7%	100.0%
	2018	8.3%	6.7%	7.2%	7.3%	9.0%	9.2%	9.8%	10.0%	9.5%	8.2%	7.2%	7.7%	100.0%
	2019	8.3%	6.7%	7.2%	7.3%	9.0%	9.2%	9.8%	10.0%	9.5%	8.2%	7.2%	7.7%	100.0%
	2020	8.3%	6.8%	7.2%	7.2%	9.0%	9.2%	9.8%	10.0%	9.5%	8.2%	7.2%	7.7%	100.0%
	2021	8.3%	6.7%	7.2%	7.3%	9.0%	9.2%	9.8%	10.0%	9.5%	8.2%	7.2%	7.7%	100.0%
	2022	8.3%	6.7%	7.2%	7.3%	9.0%	9.2%	9.8%	10.0%	9.5%	8.2%	7.2%	7.7%	100.0%
	2023	8.3%	6.7%	7.2%	7.3%	9.0%	9.2%	9.8%	10.0%	9.5%	8.2%	7.2%	7.7%	100.0%
	2024	8.3%	6.8%	7.2%	7.2%	9.0%	9.2%	9.8%	10.0%	9.5%	8.2%	7.2%	7.7%	100.0%
	2025	8.3%	6.7%	7.2%	7.3%	9.0%	9.2%	9.8%	10.0%	9.5%	8.2%	7.2%	7.7%	100.0%
Avg.	2007-2016	8.1%	7.1%	7.3%	7.6%	9.1%	9.4%	9.6%	10.0%	9.2%	8.1%	6.9%	7.6%	100.0%
	2017-2026	8.3%	6.7%	7.2%	7.3%	9.0%	9.2%	9.8%	10.0%	9.5%	8.2%	7.2%	7.7%	100.0%

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

* Ft. Meade's CROD is 10.36 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD.
The ratio of CROD/MaxD is used for calculation of scheduled energy and billed loads.

FMPA 2017 Load Forecast - Low Economic Case
Ft. Meade (Forecast Limited by the CROD)
Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	10.1	11.0	8.0	8.1	9.1	9.2	10.0	10.1	9.6	8.9	6.9	8.5	11.0	10.1
	2008	12.7	8.9	7.6	7.4	9.1	10.0	9.1	9.6	9.3	8.1	8.6	9.4	12.7	10.0
	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	8.1	6.9	7.6	9.7	9.5
Projected	2017	10.4	8.9	6.4	7.1	8.2	8.5	8.4	8.8	8.0	7.7	6.9	7.5	10.4	8.8
	2018	10.4	8.9	6.4	7.0	8.2	8.5	8.4	8.8	8.0	7.7	6.9	7.5	10.4	8.8
	2019	10.4	8.9	6.4	7.0	8.2	8.5	8.4	8.8	8.0	7.7	6.9	7.6	10.4	8.8
	2020	10.4	8.9	6.4	7.1	8.2	8.5	8.4	8.8	8.1	7.7	6.9	7.6	10.4	8.8
	2021	10.4	8.9	6.4	7.1	8.2	8.5	8.4	8.8	8.1	7.7	6.9	7.6	10.4	8.8
	2022	10.4	8.9	6.4	7.1	8.2	8.6	8.4	8.9	8.1	7.8	7.0	7.6	10.4	8.9
	2023	10.4	9.0	6.4	7.1	8.2	8.6	8.4	8.9	8.1	7.8	7.0	7.6	10.4	8.9
	2024	10.4	9.0	6.5	7.1	8.3	8.6	8.5	8.9	8.1	7.8	7.0	7.6	10.4	8.9
	2025	10.4	9.0	6.5	7.1	8.3	8.6	8.5	8.9	8.1	7.8	7.0	7.6	10.4	8.9
Projected	2026	10.4	9.0	6.5	7.1	8.3	8.6	8.5	9.0	8.1	7.8	7.0	7.7	10.4	9.0
	2027	10.4	9.0	6.5	7.2	8.3	8.7	8.5	9.0	8.2	7.8	7.1	7.7	10.4	9.0
	2028	10.4	9.1	6.5	7.2	8.4	8.7	8.5	9.0	8.2	7.9	7.1	7.7	10.4	9.0
	2029	10.4	9.1	6.5	7.2	8.4	8.7	8.5	9.0	8.2	7.9	7.1	7.7	10.4	9.0
	2030	10.4	9.1	6.5	7.2	8.4	8.7	8.6	9.0	8.2	7.9	7.1	7.7	10.4	9.0
	2031	10.4	9.1	6.6	7.2	8.4	8.7	8.6	9.1	8.2	7.9	7.1	7.8	10.4	9.1
	2032	10.4	9.2	6.6	7.2	8.4	8.8	8.6	9.1	8.3	8.0	7.1	7.8	10.4	9.1
	2033	10.4	9.2	6.6	7.2	8.4	8.8	8.6	9.1	8.3	8.0	7.1	7.8	10.4	9.1
	2034	10.4	9.2	6.6	7.3	8.4	8.8	8.6	9.1	8.3	8.0	7.1	7.8	10.4	9.1
	2035	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.8	10.4	9.1
	2036	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.1	7.8	10.4	9.1

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	46.6%	45.6%	56.4%	56.9%	64.9%	61.5%	63.2%	65.8%	62.5%	61.0%	58.8%	53.6%	47.7%	52.0%
	2008	37.9%	49.8%	57.5%	60.1%	68.6%	57.8%	62.2%	60.2%	64.0%	60.1%	50.6%	48.0%	40.1%	50.8%
	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%
Projected	2016	47.0%	46.5%	56.1%	53.1%	67.5%	60.7%	64.1%	60.8%	64.3%	54.2%	55.0%	55.9%	50.2%	51.2%
	2017	42.5%	43.9%	59.3%	54.5%	64.3%	57.1%	63.7%	59.5%	64.5%	55.7%	54.7%	55.7%	43.3%	50.7%
	2018	42.2%	43.7%	59.1%	54.4%	64.3%	57.1%	63.7%	59.6%	64.6%	55.8%	54.6%	55.6%	43.1%	50.7%
	2019	42.2%	43.7%	59.1%	54.4%	64.3%	57.1%	63.8%	59.6%	64.7%	55.9%	54.5%	55.5%	43.2%	50.7%
	2020	42.2%	43.4%	59.0%	54.3%	64.1%	57.0%	63.6%	59.5%	64.6%	55.8%	54.6%	55.6%	43.3%	50.7%
	2021	42.3%	43.7%	59.1%	54.4%	64.2%	57.1%	63.8%	59.6%	64.7%	55.9%	54.6%	55.6%	43.3%	50.7%
	2022	42.4%	43.7%	59.1%	54.4%	64.2%	57.1%	63.8%	59.6%	64.7%	55.9%	54.6%	55.6%	43.4%	50.7%
	2023	42.5%	43.7%	59.1%	54.4%	64.2%	57.1%	63.8%	59.6%	64.7%	55.9%	54.5%	55.5%	43.5%	50.7%
	2024	42.6%	43.4%	59.0%	54.2%	64.1%	57.0%	63.7%	59.5%	64.6%	55.8%	54.6%	55.6%	43.7%	50.7%
Avg.	2007-2016	46.0%	46.8%	55.2%	56.9%	67.0%	59.1%	63.7%	62.4%	62.8%	57.7%	55.3%	56.5%	43.8%	52.0%
	2017-2026	42.4%	43.6%	59.1%	54.3%	64.2%	57.1%	63.7%	59.6%	64.6%	55.8%	54.6%	55.6%	43.5%	50.7%

* Ft. Meade's CROD is 10.36 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD. The ratio of CROD/MaxD is used for calculation of scheduled energy and billed loads.

FMPA 2017 Load Forecast - Low Economic Case
Ft. Meade (Forecast Limited by the CROD)
Monthly Coincident-Peak Demand with ARP (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	10.1	10.6	6.4	7.9	9.1	8.9	9.8	9.9	9.1	8.6	6.1	6.4	10.6	9.9
	2008	11.8	8.8	6.9	6.6	8.4	9.7	9.0	9.1	8.7	7.9	6.9	9.2	11.8	9.1
	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	7.6	6.3	7.2	9.5	9.4
Projected	2017	10.0	8.8	6.0	6.5	7.8	8.0	7.7	8.1	7.6	7.2	6.3	7.2	10.0	8.1
	2018	10.0	8.8	6.0	6.4	7.8	8.0	7.6	8.0	7.6	7.2	6.3	7.2	10.0	8.0
	2019	10.0	8.8	6.0	6.5	7.8	8.0	7.6	8.0	7.6	7.2	6.3	7.2	10.0	8.0
	2020	10.1	8.8	6.0	6.5	7.8	8.0	7.7	8.1	7.6	7.2	6.3	7.2	10.1	8.1
	2021	10.1	8.8	6.0	6.5	7.8	8.0	7.7	8.1	7.6	7.2	6.3	7.2	10.1	8.1
	2022	10.1	8.8	6.0	6.5	7.8	8.0	7.7	8.1	7.6	7.3	6.3	7.3	10.1	8.1
	2023	10.1	8.9	6.1	6.5	7.8	8.0	7.7	8.1	7.7	7.3	6.3	7.3	10.1	8.1
	2024	10.1	8.9	6.1	6.5	7.9	8.1	7.7	8.2	7.7	7.3	6.3	7.3	10.1	8.2
	2025	10.1	8.9	6.1	6.5	7.9	8.1	7.7	8.2	7.7	7.3	6.4	7.3	10.1	8.2
Projected	2026	10.2	8.9	6.1	6.6	7.9	8.1	7.8	8.2	7.7	7.3	6.4	7.3	10.2	8.2
	2027	10.2	8.9	6.1	6.6	7.9	8.1	7.8	8.2	7.7	7.3	6.4	7.4	10.2	8.2
	2028	10.2	9.0	6.1	6.6	7.9	8.1	7.8	8.2	7.8	7.4	6.4	7.4	10.2	8.2
	2029	10.2	9.0	6.1	6.6	7.9	8.2	7.8	8.2	7.8	7.4	6.4	7.4	10.2	8.2
	2030	10.3	9.0	6.2	6.6	8.0	8.2	7.8	8.2	7.8	7.4	6.4	7.4	10.3	8.2
	2031	10.3	9.0	6.2	6.6	8.0	8.2	7.8	8.3	7.8	7.4	6.5	7.4	10.3	8.3
	2032	10.3	9.0	6.2	6.7	8.0	8.2	7.9	8.3	7.8	7.4	6.5	7.4	10.3	8.3
	2033	10.3	9.0	6.2	6.7	8.0	8.2	7.9	8.3	7.8	7.4	6.5	7.4	10.3	8.3
	2034	10.3	9.1	6.2	6.7	8.0	8.2	7.9	8.3	7.8	7.5	6.5	7.5	10.3	8.3
	2035	10.4	9.1	6.2	6.7	8.0	8.2	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2036	10.4	9.1	6.2	6.7	8.0	8.2	7.9	8.3	7.9	7.5	6.5	7.4	10.4	8.3

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	100.0%	96.7%	80.2%	97.4%	100.0%	96.9%	97.8%	98.7%	95.6%	96.5%	89.2%	75.4%	96.7%	98.7%
	2008	93.4%	98.8%	91.8%	89.3%	91.8%	97.2%	98.8%	95.3%	93.7%	96.6%	80.1%	97.4%	93.4%	91.0%
	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%	93.6%	90.8%	95.6%	98.3%	98.8%
Projected	2017	97.0%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	97.0%	91.3%
	2018	96.6%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	96.6%	91.3%
	2019	96.7%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	96.7%	91.3%
	2020	97.0%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	97.0%	91.3%
	2021	97.1%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	97.1%	91.3%
	2022	97.3%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	97.3%	91.3%
	2023	97.5%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	97.5%	91.3%
	2024	97.9%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	97.9%	91.3%
	2025	98.0%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	98.0%	91.3%
	2026	98.2%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	98.2%	91.3%
2007-2016		97.1%	97.0%	94.4%	93.2%	94.5%	95.8%	93.0%	93.6%	95.8%	95.3%	91.8%	93.4%	96.5%	92.5%
2017-2026		97.3%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	97.3%	91.3%

* Ft. Meade's CROD is 10.36 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD
The ratio of CROD/MaxD is used for calculation of scheduled energy and billed loads.

FMPA 2017 Load Forecast - Low Economic Case - Ft Meade

Historical and Projected - Energy Sales by Customer Class (Fiscal Year 2007-2036)

Fiscal Year		Residential						General Service						TOTAL SALES		DISTR.	TOTAL NEL	
		Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	LOSSES	(MWh)	% Chg
																(MWh)		
Historical	2007	30,045		2,348		12,798		11,875		321		37.0		41,920		4,022	45,942	
	2008	27,652	-8.0%	2,330	-0.7%	11,867	-7.3%	12,240	3.1%	342	6.3%	35.8	-3.1%	39,892	-4.8%	4,773	44,665	-2.8%
	2009	27,686	0.1%	2,364	1.4%	11,714	-1.3%	12,772	4.3%	335	-1.8%	38.1	6.3%	40,458	1.4%	3,676	44,134	-1.2%
	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	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	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	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	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	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	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	43,483	1.6%	
Projected	2017	26,575	-5.1%	2,366	-0.5%	11,231	-4.6%	13,129	1.2%	319	0.3%	41.2	0.9%	39,704	-3.1%	2,006	41,710	-4.1%
	2018	26,209	-1.4%	2,356	-0.4%	11,125	-0.9%	13,100	-0.2%	318	-0.4%	41.2	0.2%	39,309	-1.0%	2,147	41,457	-0.6%
	2019	26,217	0.0%	2,355	0.0%	11,130	0.1%	13,105	0.0%	319	0.3%	41.1	-0.2%	39,322	0.0%	2,149	41,470	0.0%
	2020	26,270	0.2%	2,357	0.1%	11,147	0.1%	13,112	0.1%	320	0.5%	41.0	-0.4%	39,382	0.2%	2,230	41,613	0.3%
	2021	26,339	0.3%	2,359	0.1%	11,167	0.2%	13,121	0.1%	322	0.6%	40.8	-0.5%	39,460	0.2%	2,156	41,616	0.0%
	2022	26,415	0.3%	2,361	0.1%	11,189	0.2%	13,131	0.1%	324	0.6%	40.5	-0.5%	39,546	0.2%	2,161	41,707	0.2%
	2023	26,497	0.3%	2,363	0.1%	11,215	0.2%	13,141	0.1%	326	0.6%	40.3	-0.6%	39,639	0.2%	2,166	41,805	0.2%
	2024	26,577	0.3%	2,364	0.1%	11,241	0.2%	13,152	0.1%	328	0.6%	40.1	-0.6%	39,729	0.2%	2,250	41,979	0.4%
	2025	26,651	0.3%	2,366	0.1%	11,265	0.2%	13,162	0.1%	330	0.6%	39.9	-0.6%	39,813	0.2%	2,175	41,988	0.0%
	2026	26,725	0.3%	2,367	0.1%	11,290	0.2%	13,173	0.1%	332	0.7%	39.6	-0.6%	39,898	0.2%	2,180	42,078	0.2%
	2027	26,802	0.3%	2,369	0.1%	11,315	0.2%	13,184	0.1%	334	0.6%	39.4	-0.6%	39,986	0.2%	2,185	42,170	0.2%
	2028	26,881	0.3%	2,370	0.1%	11,341	0.2%	13,194	0.1%	337	0.6%	39.2	-0.6%	40,075	0.2%	2,269	42,344	0.4%
	2029	26,959	0.3%	2,372	0.1%	11,367	0.2%	13,204	0.1%	339	0.6%	39.0	-0.5%	40,163	0.2%	2,194	42,358	0.0%
	2030	27,034	0.3%	2,373	0.1%	11,393	0.2%	13,214	0.1%	341	0.6%	38.8	-0.5%	40,248	0.2%	2,199	42,447	0.2%
	2031	27,106	0.3%	2,374	0.0%	11,418	0.2%	13,224	0.1%	343	0.6%	38.6	-0.5%	40,329	0.2%	2,203	42,533	0.2%
	2032	27,177	0.3%	2,375	0.0%	11,443	0.2%	13,233	0.1%	345	0.5%	38.4	-0.5%	40,410	0.2%	2,288	42,698	0.4%
	2033	27,247	0.3%	2,376	0.0%	11,468	0.2%	13,241	0.1%	346	0.5%	38.2	-0.5%	40,488	0.2%	2,212	42,700	0.0%
	2034	27,313	0.2%	2,377	0.0%	11,492	0.2%	13,250	0.1%	348	0.5%	38.0	-0.5%	40,563	0.2%	2,216	42,779	0.2%
	2035	27,379	0.2%	2,377	0.0%	11,516	0.2%	13,258	0.1%	350	0.5%	37.9	-0.5%	40,637	0.2%	2,220	42,857	0.2%
	2036	27,447	0.2%	2,378	0.0%	11,541	0.2%	13,267	0.1%	352	0.5%	37.7	-0.5%	40,714	0.2%	2,305	43,020	0.4%
CAGR	2007-2016		-0.8%		0.1%		-0.9%		1.0%		-0.1%		1.1%		-0.3%			-0.6%
	2017-2026		0.1%		0.0%		0.1%		0.0%		0.5%		-0.4%		0.1%			0.1%
	2027-2036		0.3%		0.0%		0.2%		0.1%		0.6%		-0.5%		0.2%			0.2%

CAGR - Compound Average Growth Rate.

FMPA 2017 Load Forecast - High Economic Case
Ft. Meade (Forecast Limited by the CROD)*
 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)				
		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	2007	45,942	-	45,579	-	-0.8%	10.6	-	12.3	-	15.5%	9.9	-	9.9		0.0%
	2008	44,665	-2.8%	44,765	-1.8%	0.2%	11.8	11.5%	11.6	-5.8%	-2.4%	9.1	-8.4%	9.2	-7.3%	1.3%
	2009	44,134	-1.2%	43,629	-2.5%	-1.1%	12.5	5.6%	10.2	-11.6%	-18.3%	9.5	4.5%	10.4	12.3%	8.9%
	2010	45,653	3.4%	42,253	-3.2%	-7.4%	14.0	11.9%	12.4	21.8%	-11.2%	9.4	-1.2%	9.2	-11.6%	-2.6%
	2011	43,569	-4.6%	40,843	-3.3%	-6.3%	12.3	-11.9%	11.7	-5.5%	-4.8%	8.4	-10.1%	8.4	-8.4%	-0.8%
	2012	41,322	-5.2%	41,344	1.2%	0.1%	10.9	-11.5%	11.0	-6.6%	0.5%	7.8	-7.2%	9.0	7.7%	15.2%
	2013	40,645	-1.6%	41,003	-0.8%	0.9%	8.7	-20.1%	9.4	-14.6%	7.5%	7.8	0.2%	8.2	-8.7%	5.1%
	2014	41,588	2.3%	41,652	1.6%	0.2%	9.3	6.8%	11.2	19.7%	20.5%	7.2	-8.3%	7.1	-14.1%	-1.6%
	2015	42,783	2.9%	41,876	0.5%	-2.1%	10.6	14.2%	10.4	-7.3%	-2.2%	9.4	30.0%	9.3	31.5%	-0.4%
	2016	43,483	1.6%	41,529	-0.8%	-4.5%	9.5	-10.2%	10.6	2.2%	11.4%	9.4	0.5%	9.3	0.2%	-0.7%
Projected	2017	39,752	-8.6%	39,752	-4.3%		10.2	6.7%	10.2	-4.2%		8.2	-12.9%	8.2	-12.3%	
	2018			40,310	1.4%				10.3	1.4%				8.3	1.4%	
	2019			40,563	0.6%				10.4	0.3%				8.3	0.3%	
	2020			40,638	0.2%				10.4	0.0%				8.3	0.0%	
	2021			40,595	-0.1%				10.4	0.0%				8.3	0.0%	
	2022			40,626	0.1%				10.4	0.0%				8.3	0.0%	
	2023			40,636	0.0%				10.4	0.0%				8.3	0.0%	
	2024			40,670	0.1%				10.4	0.0%				8.3	0.0%	
	2025			40,625	-0.1%				10.4	0.0%				8.3	0.0%	
	2026			40,656	0.1%				10.4	0.0%				8.3	0.0%	
	2027			40,660	0.0%				10.4	0.0%				8.3	0.0%	
	2028			40,695	0.1%				10.4	0.0%				8.3	0.0%	
	2029			40,650	-0.1%				10.4	0.0%				8.3	0.0%	
	2030			40,680	0.1%				10.4	0.0%				8.3	0.0%	
	2031			40,685	0.0%				10.4	0.0%				8.3	0.0%	
	2032			40,718	0.1%				10.4	0.0%				8.3	0.0%	
	2033			40,672	-0.1%				10.4	0.0%				8.3	0.0%	
	2034			40,702	0.1%				10.4	0.0%				8.3	0.0%	
	2035			40,708	0.0%				10.4	0.0%				8.3	0.0%	
	2036			40,739	0.1%				10.4	0.0%				8.3	0.0%	
CAGR ^[3]	2007-2016		-0.6%		-1.0%			-1.2%		-1.6%			-0.6%		-0.7%	
	2017-2026				0.3%					0.2%					0.2%	
	2027-2036				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

* Ft. Meade's CROD is 10.36 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD. The ratio of CROD/MaxD is used for calculation of scheduled energy and billed loads.

FMPA 2017 Load Forecast - High Economic Case
Ft. Meade (Forecast Limited by the CROD)*
 Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2007	45,942	-	45,579	-	-0.8%	11.0	-	47.8%	10.1	-	52.1%
	2008	44,665	-2.8%	44,765	-1.8%	0.2%	12.7	15.4%	40.2%	10.0	-0.7%	51.0%
	2009	44,134	-1.2%	43,629	-2.5%	-1.1%	12.7	0.0%	39.8%	9.6	-4.5%	52.7%
	2010	45,653	3.4%	42,253	-3.2%	-7.4%	14.0	10.5%	37.2%	9.7	1.0%	54.0%
	2011	43,569	-4.6%	40,843	-3.3%	-6.3%	12.5	-10.8%	39.8%	9.7	0.2%	51.5%
	2012	41,322	-5.2%	41,344	1.2%	0.1%	11.0	-11.9%	42.9%	8.9	-7.9%	53.0%
	2013	40,645	-1.6%	41,003	-0.8%	0.9%	9.6	-12.9%	48.4%	8.8	-0.8%	52.6%
	2014	41,588	2.3%	41,652	1.6%	0.2%	9.9	3.8%	47.7%	9.4	6.0%	50.7%
	2015	42,783	2.9%	41,876	0.5%	-2.1%	11.1	11.6%	44.0%	9.5	1.6%	51.4%
	2016	43,483	1.6%	41,529	-0.8%	-4.5%	9.7	-12.5%	51.1%	9.5	0.1%	52.2%
Projected	2017	39,752	-8.6%	39,752	-4.3%		10.4	6.7%	43.8%	9.0	-5.8%	50.6%
	2018	40,310	1.4%	40,310	1.4%		10.4	0.0%	44.4%	9.1	1.4%	50.6%
	2019	40,563	0.6%	40,563	0.6%		10.4	0.0%	44.7%	9.1	0.3%	50.8%
	2020	40,638	0.2%	40,638	0.2%		10.4	0.0%	44.8%	9.1	0.0%	50.9%
	2021	40,595	-0.1%	40,595	-0.1%		10.4	0.0%	44.7%	9.1	0.0%	50.8%
	2022	40,626	0.1%	40,626	0.1%		10.4	0.0%	44.8%	9.1	0.0%	50.9%
	2023	40,636	0.0%	40,636	0.0%		10.4	0.0%	44.8%	9.1	0.0%	50.9%
	2024	40,670	0.1%	40,670	0.1%		10.4	0.0%	44.8%	9.1	0.0%	50.9%
	2025	40,625	-0.1%	40,625	-0.1%		10.4	0.0%	44.8%	9.1	0.0%	50.8%
	2026	40,656	0.1%	40,656	0.1%		10.4	0.0%	44.8%	9.1	0.0%	50.9%
	2027	40,660	0.0%	40,660	0.0%		10.4	0.0%	44.8%	9.1	0.0%	50.9%
	2028	40,695	0.1%	40,695	0.1%		10.4	0.0%	44.8%	9.1	0.0%	50.9%
	2029	40,650	-0.1%	40,650	-0.1%		10.4	0.0%	44.8%	9.1	0.0%	50.9%
	2030	40,680	0.1%	40,680	0.1%		10.4	0.0%	44.8%	9.1	0.0%	50.9%
	2031	40,685	0.0%	40,685	0.0%		10.4	0.0%	44.8%	9.1	0.0%	50.9%
	2032	40,718	0.1%	40,718	0.1%		10.4	0.0%	44.9%	9.1	0.0%	51.0%
	2033	40,672	-0.1%	40,672	-0.1%		10.4	0.0%	44.8%	9.1	0.0%	50.9%
	2034	40,702	0.1%	40,702	0.1%		10.4	0.0%	44.8%	9.1	0.0%	50.9%
	2035	40,708	0.0%	40,708	0.0%		10.4	0.0%	44.9%	9.1	0.0%	50.9%
	2036	40,739	0.1%	40,739	0.1%		10.4	0.0%	44.9%	9.1	0.0%	51.0%
CAGR ^[1]	2007-2016		-0.6%		-1.0%			-1.4%	43.9%		-0.6%	52.1%
	2017-2026		0.3%		0.3%			0.0%	44.6%		0.2%	50.8%
	2027-2036		0.0%		0.0%			0.0%	44.8%		0.0%	50.9%

* Ft. Meade's CROD is 10.36 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD.

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - High Economic Case
Ft. Meade (Forecast Limited by the CROD)
Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	10.1	11.0	8.0	8.1	9.1	9.2	10.0	10.1	9.6	8.9	6.9	8.5	11.0	10.1
	2008	12.7	8.9	7.6	7.4	9.1	10.0	9.1	9.6	9.3	8.1	8.6	9.4	12.7	10.0
	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	8.1	7.0	7.7	9.7	9.5
Projected	2017	10.4	9.0	6.5	7.1	8.3	8.7	8.5	9.0	8.2	7.8	7.1	7.8	10.4	9.0
	2018	10.4	9.2	6.6	7.2	8.4	8.8	8.6	9.1	8.3	8.0	7.2	7.9	10.4	9.1
	2019	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.9	10.4	9.1
	2020	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.9	10.4	9.1
	2021	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.9	10.4	9.1
	2022	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.9	10.4	9.1
	2023	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.9	10.4	9.1
	2024	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.8	10.4	9.1
	2025	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.9	10.4	9.1
Projected	2026	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.9	10.4	9.1
	2027	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.9	10.4	9.1
	2028	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.8	10.4	9.1
	2029	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.9	10.4	9.1
	2030	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.9	10.4	9.1
	2031	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.9	10.4	9.1
	2032	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.8	10.4	9.1
	2033	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.8	10.4	9.1
	2034	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.8	10.4	9.1
	2035	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.9	10.4	9.1
	2036	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.8	10.4	9.1

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	46.6%	45.6%	56.4%	56.9%	64.9%	61.5%	63.2%	65.8%	62.5%	61.0%	58.8%	53.6%	47.7%	52.0%
	2008	37.9%	49.8%	57.5%	60.1%	68.6%	57.8%	62.2%	60.2%	64.0%	60.1%	50.6%	48.0%	40.1%	50.8%
	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%
Projected	2016	47.0%	46.5%	56.1%	53.1%	67.5%	60.7%	64.1%	60.8%	64.3%	54.2%	54.3%	55.1%	50.2%	51.2%
	2017	42.6%	43.5%	58.8%	54.2%	64.1%	57.1%	63.9%	59.8%	64.9%	56.1%	54.2%	55.3%	43.9%	50.8%
	2018	43.3%	43.5%	58.9%	54.2%	64.1%	57.1%	63.9%	59.8%	64.9%	56.1%	54.2%	55.3%	44.5%	50.8%
	2019	43.9%	43.6%	58.9%	54.2%	64.1%	57.2%	64.0%	59.8%	64.9%	56.1%	54.1%	55.2%	44.7%	50.8%
	2020	44.0%	43.3%	58.8%	54.1%	64.0%	57.1%	63.9%	59.8%	64.8%	56.0%	54.3%	55.4%	44.8%	50.8%
	2021	43.9%	43.6%	58.9%	54.2%	64.1%	57.2%	64.0%	59.9%	64.9%	56.1%	54.3%	55.4%	44.7%	50.8%
	2022	44.0%	43.6%	58.9%	54.1%	64.1%	57.2%	64.1%	59.9%	64.9%	56.1%	54.3%	55.4%	44.8%	50.9%
	2023	44.0%	43.7%	58.9%	54.1%	64.1%	57.2%	64.1%	60.0%	65.0%	56.1%	54.2%	55.3%	44.8%	50.9%
	2024	44.0%	43.3%	58.8%	54.0%	64.0%	57.1%	64.0%	59.9%	64.8%	56.0%	54.3%	55.4%	44.8%	50.9%
Avg.	2007-2016	46.0%	46.8%	55.2%	56.9%	67.0%	59.1%	63.7%	62.4%	62.8%	57.7%	55.2%	56.5%	43.8%	52.0%
	2017-2026	43.8%	43.6%	58.9%	54.1%	64.1%	57.2%	64.0%	59.9%	64.9%	56.1%	54.2%	55.4%	44.7%	50.8%

* Ft. Meade's CROD is 10.36 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD. The ratio of CROD/MaxD is used for calculation of scheduled energy and billed loads.

FMPA 2017 Load Forecast - High Economic Case
Ft. Meade (Forecast Limited by the CROD)
Monthly Coincident-Peak Demand with ARP (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	10.1	10.6	6.4	7.9	9.1	8.9	9.8	9.9	9.1	8.6	6.1	6.4	10.6	9.9
	2008	11.8	8.8	6.9	6.6	8.4	9.7	9.0	9.1	8.7	7.9	6.9	9.2	11.8	9.1
	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	7.6	6.4	7.3	9.5	9.4
Projected	2017	10.2	8.9	6.1	6.6	7.9	8.1	7.8	8.2	7.7	7.3	6.5	7.4	10.2	8.2
	2018	10.3	9.0	6.2	6.7	8.0	8.2	7.9	8.3	7.8	7.4	6.5	7.5	10.3	8.3
	2019	10.4	9.1	6.2	6.7	8.0	8.2	7.9	8.3	7.9	7.5	6.6	7.5	10.4	8.3
	2020	10.4	9.1	6.2	6.7	8.0	8.2	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2021	10.4	9.1	6.2	6.7	8.0	8.2	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2022	10.4	9.1	6.2	6.7	8.0	8.2	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2023	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.6	7.5	10.4	8.3
	2024	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2025	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
Projected	2026	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2027	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.6	7.5	10.4	8.3
	2028	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2029	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2030	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2031	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2032	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2033	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2034	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2035	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2036	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	100.0%	96.7%	80.2%	97.4%	100.0%	96.9%	97.8%	98.7%	95.6%	96.5%	89.2%	75.4%	96.7%	98.7%
	2008	93.4%	98.8%	91.8%	89.3%	91.8%	97.2%	98.8%	95.3%	93.7%	96.6%	80.1%	97.4%	93.4%	91.0%
	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%	93.6%	90.8%	95.6%	98.3%	98.8%
Projected	2017	98.3%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	98.3%	91.3%
	2018	99.7%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	99.7%	91.3%
	2019	100.0%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	100.0%	91.3%
	2020	100.0%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	100.0%	91.3%
	2021	100.0%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	100.0%	91.3%
	2022	100.0%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	100.0%	91.3%
	2023	100.0%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	100.0%	91.3%
	2024	100.0%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.7%	90.8%	95.6%	100.0%	91.3%
	2025	100.0%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	100.0%	91.3%
	2026	100.0%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.7%	90.8%	95.6%	100.0%	91.3%
2007-2016		97.1%	97.0%	94.4%	93.2%	94.5%	95.8%	93.0%	93.6%	95.8%	95.3%	91.8%	93.4%	96.5%	92.5%
2017-2026		99.8%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	99.8%	91.3%

* Ft. Meade's CROD is 10.36 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD
The ratio of CROD/MaxD is used for calculation of scheduled energy and billed loads.

FMPA 2017 Load Forecast - High Economic Case - Ft Meade

Historical and Projected - Energy Sales by Customer Class (Fiscal Year 2007-2036)

Fiscal Year		Residential						General Service						TOTAL SALES		DISTR.	TOTAL NEL	
		Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	LOSSES	(MWh)	% Chg
																(MWh)		
Historical	2007	30,045		2,348		12,798		11,875		321		37.0		41,920		4,022	45,942	
	2008	27,652	-8.0%	2,330	-0.7%	11,867	-7.3%	12,240	3.1%	342	6.3%	35.8	-3.1%	39,892	-4.8%	4,773	44,665	-2.8%
	2009	27,686	0.1%	2,364	1.4%	11,714	-1.3%	12,772	4.3%	335	-1.8%	38.1	6.3%	40,458	1.4%	3,676	44,134	-1.2%
	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	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	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	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	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	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	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	43,483	1.6%	
Projected	2017	26,882	-4.0%	2,376	-0.1%	11,314	-3.9%	13,150	1.4%	323	1.6%	40.7	-0.2%	40,032	-2.3%	2,026	42,059	-3.3%
	2018	27,235	1.3%	2,392	0.7%	11,385	0.6%	13,173	0.2%	332	2.9%	39.6	-2.6%	40,408	0.9%	2,209	42,617	1.3%
	2019	27,658	1.6%	2,409	0.7%	11,483	0.9%	13,206	0.2%	339	2.0%	39.0	-1.7%	40,864	1.1%	2,234	43,098	1.1%
	2020	28,054	1.4%	2,424	0.7%	11,572	0.8%	13,235	0.2%	345	1.8%	38.3	-1.6%	41,289	1.0%	2,339	43,628	1.2%
	2021	28,423	1.3%	2,439	0.6%	11,654	0.7%	13,264	0.2%	351	1.7%	37.8	-1.5%	41,686	1.0%	2,278	43,964	0.8%
	2022	28,775	1.2%	2,453	0.6%	11,732	0.7%	13,290	0.2%	357	1.7%	37.2	-1.4%	42,066	0.9%	2,299	44,364	0.9%
	2023	29,116	1.2%	2,465	0.5%	11,810	0.7%	13,317	0.2%	363	1.6%	36.7	-1.4%	42,433	0.9%	2,318	44,751	0.9%
	2024	29,441	1.1%	2,478	0.5%	11,883	0.6%	13,342	0.2%	368	1.5%	36.2	-1.3%	42,783	0.8%	2,422	45,206	1.0%
	2025	29,752	1.1%	2,489	0.5%	11,951	0.6%	13,367	0.2%	374	1.5%	35.8	-1.3%	43,118	0.8%	2,355	45,474	0.6%
	2026	30,053	1.0%	2,501	0.4%	12,019	0.6%	13,391	0.2%	379	1.5%	35.3	-1.3%	43,444	0.8%	2,373	45,817	0.8%
	2027	30,348	1.0%	2,511	0.4%	12,084	0.5%	13,414	0.2%	385	1.4%	34.9	-1.2%	43,762	0.7%	2,390	46,153	0.7%
	2028	30,641	1.0%	2,522	0.4%	12,149	0.5%	13,436	0.2%	390	1.4%	34.5	-1.2%	44,077	0.7%	2,495	46,572	0.9%
	2029	30,926	0.9%	2,532	0.4%	12,213	0.5%	13,458	0.2%	395	1.3%	34.1	-1.2%	44,385	0.7%	2,424	46,809	0.5%
	2030	31,204	0.9%	2,542	0.4%	12,274	0.5%	13,480	0.2%	400	1.3%	33.7	-1.1%	44,684	0.7%	2,440	47,124	0.7%
	2031	31,474	0.9%	2,552	0.4%	12,334	0.5%	13,500	0.2%	405	1.2%	33.3	-1.1%	44,975	0.7%	2,456	47,430	0.6%
	2032	31,741	0.8%	2,561	0.4%	12,394	0.5%	13,520	0.1%	410	1.2%	33.0	-1.0%	45,261	0.6%	2,561	47,822	0.8%
	2033	32,002	0.8%	2,570	0.4%	12,452	0.5%	13,539	0.1%	415	1.1%	32.7	-1.0%	45,541	0.6%	2,487	48,028	0.4%
	2034	32,257	0.8%	2,579	0.3%	12,508	0.5%	13,558	0.1%	419	1.1%	32.3	-1.0%	45,815	0.6%	2,501	48,316	0.6%
	2035	32,509	0.8%	2,587	0.3%	12,564	0.4%	13,577	0.1%	424	1.1%	32.0	-1.0%	46,085	0.6%	2,516	48,601	0.6%
	2036	32,760	0.8%	2,596	0.3%	12,619	0.4%	13,595	0.1%	429	1.1%	31.7	-1.0%	46,356	0.6%	2,623	48,978	0.8%
CAGR	2007-2016		-0.8%		0.1%		-0.9%		1.0%		-0.1%		1.1%		-0.3%		-0.6%	
	2017-2026		1.2%		0.6%		0.7%		0.2%		1.8%		-1.6%		0.9%		1.0%	
	2027-2036		0.9%		0.4%		0.5%		0.1%		1.2%		-1.1%		0.6%		0.7%	

CAGR - Compound Average Growth Rate.

FMPA 2017 Load Forecast - Mild Weather Case
Ft. Meade (Forecast Limited by the CROD)*
 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)				
		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	2007	45,942	-	45,579	-	-0.8%	10.6	-	12.3	-	15.5%	9.9	-	9.9		0.0%
	2008	44,665	-2.8%	44,765	-1.8%	0.2%	11.8	11.5%	11.6	-5.8%	-2.4%	9.1	-8.4%	9.2	-7.3%	1.3%
	2009	44,134	-1.2%	43,629	-2.5%	-1.1%	12.5	5.6%	10.2	-11.6%	-18.3%	9.5	4.5%	10.4	12.3%	8.9%
	2010	45,653	3.4%	42,253	-3.2%	-7.4%	14.0	11.9%	12.4	21.8%	-11.2%	9.4	-1.2%	9.2	-11.6%	-2.6%
	2011	43,569	-4.6%	40,843	-3.3%	-6.3%	12.3	-11.9%	11.7	-5.5%	-4.8%	8.4	-10.1%	8.4	-8.4%	-0.8%
	2012	41,322	-5.2%	41,344	1.2%	0.1%	10.9	-11.5%	11.0	-6.6%	0.5%	7.8	-7.2%	9.0	7.7%	15.2%
	2013	40,645	-1.6%	41,003	-0.8%	0.9%	8.7	-20.1%	9.4	-14.6%	7.5%	7.8	0.2%	8.2	-8.7%	5.1%
	2014	41,588	2.3%	41,652	1.6%	0.2%	9.3	6.8%	11.2	19.7%	20.5%	7.2	-8.3%	7.1	-14.1%	-1.6%
	2015	42,783	2.9%	41,876	0.5%	-2.1%	10.6	14.2%	10.4	-7.3%	-2.2%	9.4	30.0%	9.3	31.5%	-0.4%
	2016	43,483	1.6%	41,529	-0.8%	-4.5%	9.5	-10.2%	10.6	2.2%	11.4%	9.4	0.5%	9.3	0.2%	-0.7%
Projected	2017	37,556	-13.6%	37,556	-9.6%		9.6	0.8%	9.6	-9.5%		7.7	-17.8%	7.7	-17.2%	
	2018			37,701	0.4%				9.7	0.5%				7.8	0.5%	
	2019			37,938	0.6%				9.7	0.6%				7.8	0.6%	
	2020			38,260	0.9%				9.8	0.8%				7.9	0.8%	
	2021			38,421	0.4%				9.9	0.4%				7.9	0.4%	
	2022			38,655	0.6%				9.9	0.6%				8.0	0.6%	
	2023			38,888	0.6%				10.0	0.6%				8.0	0.6%	
	2024			39,190	0.8%				10.0	0.7%				8.1	0.8%	
	2025			39,323	0.3%				10.1	0.3%				8.1	0.3%	
	2026			39,532	0.5%				10.1	0.5%				8.1	0.5%	
	2027			39,738	0.5%				10.2	0.5%				8.2	0.5%	
	2028			40,024	0.7%				10.3	0.7%				8.2	0.7%	
	2029			40,143	0.3%				10.3	0.3%				8.3	0.3%	
	2030			40,340	0.5%				10.3	0.5%				8.3	0.5%	
	2031			40,480	0.3%				10.4	0.3%				8.3	0.3%	
	2032			40,547	0.2%				10.4	0.0%				8.3	0.0%	
	2033			40,502	-0.1%				10.4	0.0%				8.3	0.0%	
	2034			40,529	0.1%				10.4	0.0%				8.3	0.0%	
	2035			40,534	0.0%				10.4	0.0%				8.3	0.0%	
	2036			40,564	0.1%				10.4	0.0%				8.3	0.0%	
CAGR ^[3]	2007-2016		-0.6%		-1.0%			-1.2%		-1.6%			-0.6%		-0.7%	
	2017-2026				0.6%					0.6%					0.6%	
	2027-2036				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

* Ft. Meade's CROD is 10.36 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD.
 The ratio of CROD/MaxD is used for calculation of scheduled energy and billed loads.

FMPA 2017 Load Forecast - Mild Weather Case
Ft. Meade (Forecast Limited by the CROD)*
Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2007	45,942	-	45,579	-	-0.8%	11.0	-	47.8%	10.1	-	52.1%
	2008	44,665	-2.8%	44,765	-1.8%	0.2%	12.7	15.4%	40.2%	10.0	-0.7%	51.0%
	2009	44,134	-1.2%	43,629	-2.5%	-1.1%	12.7	0.0%	39.8%	9.6	-4.5%	52.7%
	2010	45,653	3.4%	42,253	-3.2%	-7.4%	14.0	10.5%	37.2%	9.7	1.0%	54.0%
	2011	43,569	-4.6%	40,843	-3.3%	-6.3%	12.5	-10.8%	39.8%	9.7	0.2%	51.5%
	2012	41,322	-5.2%	41,344	1.2%	0.1%	11.0	-11.9%	42.9%	8.9	-7.9%	53.0%
	2013	40,645	-1.6%	41,003	-0.8%	0.9%	9.6	-12.9%	48.4%	8.8	-0.8%	52.6%
	2014	41,588	2.3%	41,652	1.6%	0.2%	9.9	3.8%	47.7%	9.4	6.0%	50.7%
	2015	42,783	2.9%	41,876	0.5%	-2.1%	11.1	11.6%	44.0%	9.5	1.6%	51.4%
	2016	43,483	1.6%	41,529	-0.8%	-4.5%	9.7	-12.5%	51.1%	9.5	0.1%	52.2%
Projected	2017	37,556	-13.6%	37,556	-9.6%		10.1	4.0%	42.5%	8.5	-11.0%	50.6%
	2018	37,701	0.4%	37,701	0.4%		10.1	0.5%	42.4%	8.5	0.5%	50.6%
	2019	37,938	0.6%	37,938	0.6%		10.2	0.6%	42.4%	8.6	0.6%	50.6%
	2020	38,260	0.9%	38,260	0.9%		10.3	0.8%	42.4%	8.6	0.8%	50.6%
	2021	38,421	0.4%	38,421	0.4%		10.3	0.4%	42.4%	8.7	0.4%	50.6%
	2022	38,655	0.6%	38,655	0.6%		10.4	0.2%	42.6%	8.7	0.6%	50.6%
	2023	38,888	0.6%	38,888	0.6%		10.4	0.0%	42.8%	8.8	0.6%	50.6%
	2024	39,190	0.8%	39,190	0.8%		10.4	0.0%	43.2%	8.8	0.8%	50.6%
	2025	39,323	0.3%	39,323	0.3%		10.4	0.0%	43.3%	8.9	0.3%	50.6%
	2026	39,532	0.5%	39,532	0.5%		10.4	0.0%	43.6%	8.9	0.5%	50.6%
	2027	39,738	0.5%	39,738	0.5%		10.4	0.0%	43.8%	9.0	0.5%	50.6%
	2028	40,024	0.7%	40,024	0.7%		10.4	0.0%	44.1%	9.0	0.7%	50.6%
	2029	40,143	0.3%	40,143	0.3%		10.4	0.0%	44.2%	9.0	0.3%	50.6%
	2030	40,340	0.5%	40,340	0.5%		10.4	0.0%	44.5%	9.1	0.5%	50.7%
	2031	40,480	0.3%	40,480	0.3%		10.4	0.0%	44.6%	9.1	0.3%	50.7%
	2032	40,547	0.2%	40,547	0.2%		10.4	0.0%	44.7%	9.1	0.0%	50.8%
	2033	40,502	-0.1%	40,502	-0.1%		10.4	0.0%	44.6%	9.1	0.0%	50.7%
	2034	40,529	0.1%	40,529	0.1%		10.4	0.0%	44.7%	9.1	0.0%	50.7%
	2035	40,534	0.0%	40,534	0.0%		10.4	0.0%	44.7%	9.1	0.0%	50.8%
	2036	40,564	0.1%	40,564	0.1%		10.4	0.0%	44.7%	9.1	0.0%	50.8%
CAGR ^[1]	2007-2016		-0.6%		-1.0%			-1.4%	43.9%		-0.6%	52.1%
	2017-2026		0.6%		0.6%			0.3%	42.8%		0.6%	50.6%
	2027-2036		0.2%		0.2%			0.0%	44.5%		0.2%	50.7%

* Ft. Meade's CROD is 10.36 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD.

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Mild Weather Case
Ft. Meade (Forecast Limited by the CROD)
Monthly Net Energy for Load (MWh)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2007	3,487	3,365	3,361	3,425	3,959	4,213	4,539	4,932	4,306	4,023	3,011	3,280	45,902	45,942
	2008	3,571	3,092	3,231	3,310	4,209	4,298	4,077	4,275	4,288	3,637	3,238	3,267	44,493	44,665
	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	3,257	2,835	2,582	42,215	43,483
Projected	2017	2,681	2,351	2,887	2,869	3,564	3,487	3,683	3,753	3,608	3,239	2,839	2,594	37,554	37,556
	2018	2,691	2,360	2,900	2,883	3,582	3,505	3,704	3,775	3,629	3,259	2,856	2,609	37,752	37,701
	2019	2,708	2,374	2,917	2,900	3,604	3,528	3,729	3,800	3,653	3,280	2,874	2,626	37,994	37,938
	2020	2,725	2,467	2,935	2,918	3,626	3,551	3,755	3,825	3,677	3,301	2,891	2,643	38,315	38,260
	2021	2,742	2,403	2,953	2,936	3,648	3,574	3,779	3,850	3,700	3,322	2,909	2,659	38,474	38,421
	2022	2,759	2,418	2,970	2,953	3,670	3,596	3,803	3,875	3,723	3,342	2,926	2,675	38,709	38,655
	2023	2,776	2,432	2,987	2,970	3,691	3,618	3,827	3,899	3,745	3,362	2,943	2,690	38,940	38,888
	2024	2,792	2,525	3,004	2,987	3,712	3,639	3,849	3,921	3,767	3,381	2,958	2,705	39,239	39,190
	2025	2,807	2,458	3,019	3,002	3,732	3,659	3,871	3,943	3,787	3,399	2,974	2,719	39,372	39,323
	2026	2,822	2,471	3,035	3,018	3,751	3,679	3,892	3,965	3,807	3,417	2,989	2,733	39,579	39,532
Projected	2027	2,836	2,483	3,050	3,033	3,770	3,698	3,914	3,986	3,828	3,435	3,004	2,748	39,785	39,738
	2028	2,851	2,577	3,065	3,048	3,789	3,718	3,935	4,007	3,848	3,452	3,019	2,761	40,070	40,024
	2029	2,865	2,508	3,080	3,063	3,807	3,737	3,955	4,028	3,867	3,470	3,034	2,775	40,189	40,143
	2030	2,880	2,520	3,094	3,077	3,825	3,755	3,975	4,048	3,886	3,486	3,048	2,788	40,383	40,340
	2031	2,893	2,527	3,103	3,086	3,836	3,767	3,988	4,061	3,898	3,497	3,056	2,796	40,507	40,480
	2032	2,902	2,604	3,097	3,080	3,829	3,760	3,981	4,054	3,891	3,491	3,050	2,791	40,529	40,547
	2033	2,896	2,527	3,103	3,086	3,836	3,768	3,990	4,064	3,899	3,498	3,056	2,796	40,520	40,502
	2034	2,902	2,527	3,103	3,086	3,836	3,769	3,992	4,065	3,900	3,498	3,056	2,796	40,529	40,529
	2035	2,902	2,527	3,102	3,086	3,837	3,770	3,993	4,066	3,901	3,499	3,056	2,797	40,535	40,534
	2036	2,903	2,604	3,096	3,080	3,829	3,763	3,986	4,059	3,894	3,492	3,050	2,791	40,545	40,564

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2007	7.6%	7.3%	7.3%	7.5%	8.6%	9.2%	9.9%	10.7%	9.4%	8.8%	6.6%	7.1%	100.0%
	2008	8.0%	6.9%	7.3%	7.4%	9.5%	9.7%	9.2%	9.6%	9.6%	8.2%	7.3%	7.3%	100.0%
	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	8.0%	7.3%	7.4%	7.7%	9.0%	9.8%	10.4%	10.2%	9.7%	7.7%	6.7%	6.1%	100.0%
Projected	2017	7.1%	6.3%	7.7%	7.6%	9.5%	9.3%	9.8%	10.0%	9.6%	8.6%	7.6%	6.9%	100.0%
	2018	7.1%	6.3%	7.7%	7.6%	9.5%	9.3%	9.8%	10.0%	9.6%	8.6%	7.6%	6.9%	100.0%
	2019	7.1%	6.2%	7.7%	7.6%	9.5%	9.3%	9.8%	10.0%	9.6%	8.6%	7.6%	6.9%	100.0%
	2020	7.1%	6.4%	7.7%	7.6%	9.5%	9.3%	9.8%	10.0%	9.6%	8.6%	7.5%	6.9%	100.0%
	2021	7.1%	6.2%	7.7%	7.6%	9.5%	9.3%	9.8%	10.0%	9.6%	8.6%	7.6%	6.9%	100.0%
	2022	7.1%	6.2%	7.7%	7.6%	9.5%	9.3%	9.8%	10.0%	9.6%	8.6%	7.6%	6.9%	100.0%
	2023	7.1%	6.2%	7.7%	7.6%	9.5%	9.3%	9.8%	10.0%	9.6%	8.6%	7.6%	6.9%	100.0%
	2024	7.1%	6.4%	7.7%	7.6%	9.5%	9.3%	9.8%	10.0%	9.6%	8.6%	7.5%	6.9%	100.0%
	2025	7.1%	6.2%	7.7%	7.6%	9.5%	9.3%	9.8%	10.0%	9.6%	8.6%	7.6%	6.9%	100.0%
	2026	7.1%	6.2%	7.7%	7.6%	9.5%	9.3%	9.8%	10.0%	9.6%	8.6%	7.6%	6.9%	100.0%
Avg.	2007-2016	8.1%	7.1%	7.3%	7.7%	9.1%	9.4%	9.6%	10.0%	9.2%	8.1%	6.9%	7.5%	100.0%
	2017-2026	7.1%	6.3%	7.7%	7.6%	9.5%	9.3%	9.8%	10.0%	9.6%	8.6%	7.6%	6.9%	100.0%

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

* Ft. Meade's CROD is 10.36 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD.
The ratio of CROD/MaxD is used for calculation of scheduled energy and billed loads.

FMPA 2017 Load Forecast - Mild Weather Case
Ft. Meade (Forecast Limited by the CROD)
Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	10.1	11.0	8.0	8.1	9.1	9.2	10.0	10.1	9.6	8.9	6.9	8.5	11.0	10.1
	2008	12.7	8.9	7.6	7.4	9.1	10.0	9.1	9.6	9.3	8.1	8.6	9.4	12.7	10.0
	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
Projected	2016	9.7	9.5	7.4	8.2	8.4	9.2	9.5	9.5	8.8	8.1	6.6	7.2	9.7	9.5
	2017	10.1	8.5	6.1	6.8	7.9	8.2	8.0	8.5	7.7	7.4	6.7	7.3	10.1	8.5
	2018	10.1	8.6	6.2	6.8	7.9	8.2	8.1	8.5	7.7	7.4	6.7	7.3	10.1	8.5
	2019	10.2	8.6	6.2	6.8	7.9	8.3	8.1	8.6	7.8	7.5	6.8	7.4	10.2	8.6
	2020	10.3	8.7	6.3	6.9	8.0	8.3	8.2	8.6	7.9	7.6	6.8	7.4	10.3	8.6
	2021	10.3	8.7	6.3	6.9	8.0	8.4	8.2	8.7	7.9	7.6	6.8	7.5	10.3	8.7
	2022	10.4	8.8	6.3	7.0	8.1	8.4	8.3	8.7	7.9	7.6	6.9	7.5	10.4	8.7
	2023	10.4	8.8	6.4	7.0	8.1	8.5	8.3	8.8	8.0	7.7	6.9	7.6	10.4	8.8
	2024	10.4	8.9	6.4	7.0	8.2	8.5	8.4	8.8	8.0	7.7	6.9	7.6	10.4	8.8
Projected	2025	10.4	8.9	6.4	7.1	8.2	8.6	8.4	8.9	8.1	7.8	7.0	7.6	10.4	8.9
	2026	10.4	9.0	6.5	7.1	8.3	8.6	8.5	8.9	8.1	7.8	7.0	7.7	10.4	8.9
	2027	10.4	9.0	6.5	7.1	8.3	8.7	8.5	9.0	8.2	7.8	7.1	7.7	10.4	9.0
	2028	10.4	9.1	6.5	7.2	8.4	8.7	8.6	9.0	8.2	7.9	7.1	7.7	10.4	9.0
	2029	10.4	9.1	6.6	7.2	8.4	8.7	8.6	9.0	8.2	7.9	7.1	7.8	10.4	9.0
	2030	10.4	9.2	6.6	7.3	8.4	8.8	8.6	9.1	8.3	8.0	7.2	7.8	10.4	9.1
	2031	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.8	10.4	9.1
	2032	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.8	10.4	9.1
	2033	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.8	10.4	9.1
Projected	2034	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.8	10.4	9.1
	2035	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.8	10.4	9.1
	2036	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.8	10.4	9.1

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	46.6%	45.6%	56.4%	56.9%	64.9%	61.5%	63.2%	65.8%	62.5%	61.0%	58.8%	53.6%	47.7%	52.0%
	2008	37.9%	49.8%	57.5%	60.1%	68.6%	57.8%	62.2%	60.2%	64.0%	60.1%	50.6%	48.0%	40.1%	50.8%
	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%
Projected	2016	47.0%	46.5%	56.1%	53.1%	67.5%	60.7%	64.1%	60.8%	64.3%	54.2%	57.5%	49.6%	49.6%	50.6%
	2017	35.7%	41.0%	63.2%	57.1%	67.5%	57.3%	63.7%	59.6%	65.0%	58.8%	57.3%	49.5%	42.5%	50.6%
	2018	35.6%	40.9%	63.2%	57.1%	67.5%	57.3%	63.8%	59.6%	65.1%	58.8%	57.2%	49.5%	42.5%	50.6%
	2019	35.6%	40.9%	63.2%	57.1%	67.5%	57.3%	63.8%	59.6%	65.1%	58.8%	57.1%	49.4%	42.5%	50.6%
	2020	35.6%	40.7%	63.0%	57.0%	67.4%	57.2%	63.7%	59.5%	65.0%	58.7%	57.3%	49.5%	42.5%	50.6%
	2021	35.7%	40.9%	63.1%	57.1%	67.5%	57.3%	63.9%	59.7%	65.1%	58.9%	57.2%	49.5%	42.5%	50.7%
	2022	35.8%	40.9%	63.1%	57.1%	67.5%	57.4%	63.9%	59.7%	65.1%	58.9%	57.3%	49.6%	42.7%	50.7%
	2023	36.0%	40.9%	63.1%	57.1%	67.5%	57.4%	63.9%	59.7%	65.1%	58.9%	57.1%	49.5%	42.9%	50.7%
	2024	36.2%	40.7%	63.0%	57.0%	67.4%	57.3%	63.8%	59.6%	65.0%	58.8%	57.3%	49.6%	43.2%	50.7%
Avg.	2025	36.4%	40.9%	63.1%	57.1%	67.5%	57.4%	64.0%	59.8%	65.2%	58.9%	57.3%	49.6%	43.4%	50.7%
	2026	36.6%	40.9%	63.1%	57.1%	67.5%	57.4%	64.0%	59.8%	65.2%	58.9%	57.3%	49.6%	43.6%	50.7%
	2007-2016	46.0%	46.8%	55.2%	56.9%	67.0%	59.1%	63.7%	62.4%	62.8%	57.7%	55.6%	55.9%	43.7%	51.9%
	2017-2026	35.9%	40.9%	63.1%	57.1%	67.5%	57.3%	63.8%	59.7%	65.1%	58.8%	57.2%	49.5%	42.8%	50.7%

* Ft. Meade's CROD is 10.36 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD. The ratio of CROD/MaxD is used for calculation of scheduled energy and billed loads.

FMPA 2017 Load Forecast - Mild Weather Case
Ft. Meade (Forecast Limited by the CROD)
Monthly Coincident-Peak Demand with ARP (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	10.1	10.6	6.4	7.9	9.1	8.9	9.8	9.9	9.1	8.6	6.1	6.4	10.6	9.9
	2008	11.8	8.8	6.9	6.6	8.4	9.7	9.0	9.1	8.7	7.9	6.9	9.2	11.8	9.1
	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	7.6	6.0	6.9	9.5	9.4
Projected	2017	9.6	8.4	5.8	6.2	7.5	7.7	7.3	7.7	7.3	6.9	6.0	7.0	9.6	7.7
	2018	9.7	8.5	5.8	6.2	7.5	7.7	7.4	7.8	7.3	7.0	6.1	7.0	9.7	7.8
	2019	9.7	8.5	5.8	6.3	7.5	7.7	7.4	7.8	7.4	7.0	6.1	7.1	9.7	7.8
	2020	9.8	8.6	5.9	6.3	7.6	7.8	7.5	7.9	7.4	7.1	6.2	7.1	9.8	7.9
	2021	9.9	8.6	5.9	6.3	7.6	7.8	7.5	7.9	7.5	7.1	6.2	7.1	9.9	7.9
	2022	9.9	8.7	5.9	6.4	7.7	7.9	7.6	8.0	7.5	7.1	6.2	7.2	9.9	8.0
	2023	10.0	8.7	6.0	6.4	7.7	7.9	7.6	8.0	7.6	7.2	6.3	7.2	10.0	8.0
	2024	10.0	8.8	6.0	6.5	7.8	8.0	7.7	8.1	7.6	7.2	6.3	7.2	10.0	8.1
	2025	10.1	8.8	6.0	6.5	7.8	8.0	7.7	8.1	7.6	7.3	6.3	7.3	10.1	8.1
Projected	2026	10.1	8.9	6.1	6.5	7.8	8.1	7.7	8.1	7.7	7.3	6.4	7.3	10.1	8.1
	2027	10.2	8.9	6.1	6.6	7.9	8.1	7.8	8.2	7.7	7.3	6.4	7.4	10.2	8.2
	2028	10.3	9.0	6.2	6.6	7.9	8.2	7.8	8.2	7.8	7.4	6.4	7.4	10.3	8.2
	2029	10.3	9.0	6.2	6.6	8.0	8.2	7.8	8.3	7.8	7.4	6.5	7.4	10.3	8.3
	2030	10.3	9.1	6.2	6.7	8.0	8.2	7.9	8.3	7.8	7.4	6.5	7.5	10.3	8.3
	2031	10.4	9.1	6.2	6.7	8.0	8.2	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2032	10.4	9.1	6.2	6.7	8.0	8.2	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2033	10.4	9.1	6.2	6.7	8.0	8.2	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2034	10.4	9.1	6.2	6.7	8.0	8.2	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2035	10.4	9.1	6.2	6.7	8.0	8.2	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2036	10.4	9.1	6.2	6.7	8.0	8.2	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	100.0%	96.7%	80.2%	97.4%	100.0%	96.9%	97.8%	98.7%	95.6%	96.5%	89.2%	75.4%	96.7%	98.7%
	2008	93.4%	98.8%	91.8%	89.3%	91.8%	97.2%	98.8%	95.3%	93.7%	96.6%	80.1%	97.4%	93.4%	91.0%
	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%	93.6%	90.8%	95.6%	98.3%	98.8%
Projected	2017	95.4%	98.8%	94.1%	91.8%	94.9%	93.6%	91.3%	94.7%	93.6%	93.6%	90.8%	95.6%	95.4%	91.3%
	2018	95.3%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	95.3%	91.3%
	2019	95.4%	98.8%	94.1%	91.8%	94.9%	93.6%	91.3%	91.3%	94.7%	93.6%	90.8%	95.6%	95.4%	91.3%
	2020	95.4%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	95.4%	91.3%
	2021	95.4%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	95.4%	91.3%
	2022	95.7%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	95.7%	91.3%
	2023	96.2%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	96.2%	91.3%
	2024	97.0%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	97.0%	91.3%
	2025	97.3%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	97.3%	91.3%
	2026	97.8%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	97.8%	91.3%
2007-2016		97.1%	97.0%	94.4%	93.2%	94.5%	95.8%	93.0%	93.6%	95.8%	95.3%	91.8%	93.4%	96.5%	92.5%
2017-2026		96.1%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	96.1%	91.3%

* Ft. Meade's CROD is 10.36 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD
The ratio of CROD/MaxD is used for calculation of scheduled energy and billed loads.

FMPA 2017 Load Forecast - Mild Weather Case - Ft Meade

Historical and Projected - Energy Sales by Customer Class (Fiscal Year 2007-2036)

Fiscal Year		Residential						General Service						TOTAL SALES		DISTR.	TOTAL NEL	
		Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	LOSSES	(MWh)	% Chg
																(MWh)		
Historical	2007	30,045		2,348		12,798		11,875		321		37.0		41,920		4,022	45,942	
	2008	27,652	-8.0%	2,330	-0.7%	11,867	-7.3%	12,240	3.1%	342	6.3%	35.8	-3.1%	39,892	-4.8%	4,773	44,665	-2.8%
	2009	27,686	0.1%	2,364	1.4%	11,714	-1.3%	12,772	4.3%	335	-1.8%	38.1	6.3%	40,458	1.4%	3,676	44,134	-1.2%
	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	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	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	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	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	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	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	43,483	1.6%
Projected	2017	24,815	-11.4%	2,371	-0.3%	10,465	-11.1%	12,882	-0.7%	321	1.0%	40.1	-1.6%	37,697	-8.0%	2,166	39,863	-8.3%
	2018	24,716	-0.4%	2,374	0.1%	10,410	-0.5%	12,867	-0.1%	325	1.3%	39.6	-1.4%	37,584	-0.3%	2,424	40,008	0.4%
	2019	24,920	0.8%	2,382	0.3%	10,460	0.5%	12,886	0.1%	329	1.2%	39.2	-1.0%	37,806	0.6%	2,438	40,244	0.6%
	2020	25,131	0.8%	2,391	0.4%	10,510	0.5%	12,906	0.1%	333	1.2%	38.8	-1.0%	38,036	0.6%	2,531	40,567	0.8%
	2021	25,336	0.8%	2,400	0.4%	10,559	0.5%	12,925	0.1%	337	1.2%	38.3	-1.0%	38,260	0.6%	2,467	40,728	0.4%
	2022	25,537	0.8%	2,408	0.3%	10,607	0.5%	12,944	0.1%	341	1.2%	38.0	-1.0%	38,481	0.6%	2,481	40,962	0.6%
	2023	25,737	0.8%	2,415	0.3%	10,656	0.5%	12,962	0.1%	345	1.2%	37.6	-1.0%	38,699	0.6%	2,495	41,195	0.6%
	2024	25,928	0.7%	2,423	0.3%	10,703	0.4%	12,981	0.1%	349	1.2%	37.2	-1.0%	38,909	0.5%	2,588	41,497	0.7%
	2025	26,110	0.7%	2,429	0.3%	10,747	0.4%	12,999	0.1%	353	1.1%	36.8	-1.0%	39,109	0.5%	2,522	41,630	0.3%
	2026	26,288	0.7%	2,436	0.3%	10,791	0.4%	13,017	0.1%	357	1.1%	36.5	-1.0%	39,305	0.5%	2,534	41,839	0.5%
	2027	26,464	0.7%	2,442	0.3%	10,835	0.4%	13,035	0.1%	361	1.1%	36.1	-0.9%	39,498	0.5%	2,546	42,045	0.5%
	2028	26,639	0.7%	2,449	0.3%	10,878	0.4%	13,052	0.1%	365	1.1%	35.8	-0.9%	39,691	0.5%	2,640	42,331	0.7%
	2029	26,811	0.6%	2,455	0.2%	10,921	0.4%	13,069	0.1%	369	1.0%	35.5	-0.9%	39,879	0.5%	2,571	42,450	0.3%
	2030	26,980	0.6%	2,461	0.2%	10,963	0.4%	13,085	0.1%	372	1.0%	35.1	-0.9%	40,064	0.5%	2,583	42,647	0.5%
	2031	27,142	0.6%	2,467	0.2%	11,004	0.4%	13,101	0.1%	376	1.0%	34.8	-0.8%	40,242	0.4%	2,594	42,836	0.4%
	2032	27,303	0.6%	2,472	0.2%	11,045	0.4%	13,116	0.1%	379	0.9%	34.6	-0.8%	40,419	0.4%	2,688	43,107	0.6%
	2033	27,460	0.6%	2,477	0.2%	11,084	0.4%	13,130	0.1%	383	0.9%	34.3	-0.8%	40,590	0.4%	2,616	43,206	0.2%
	2034	27,611	0.6%	2,482	0.2%	11,123	0.3%	13,145	0.1%	386	0.9%	34.0	-0.8%	40,756	0.4%	2,627	43,382	0.4%
	2035	27,763	0.6%	2,487	0.2%	11,161	0.3%	13,159	0.1%	390	0.9%	33.8	-0.8%	40,922	0.4%	2,637	43,560	0.4%
	2036	27,917	0.6%	2,493	0.2%	11,200	0.3%	13,174	0.1%	393	0.9%	33.5	-0.8%	41,090	0.4%	2,732	43,823	0.6%
CAGR	2007-2016		-0.8%		0.1%		-0.9%		1.0%		-0.1%		1.1%		-0.3%			-0.6%
	2017-2026		0.6%		0.3%		0.3%		0.1%		1.2%		-1.1%		0.5%			0.5%
	2027-2036		0.6%		0.2%		0.4%		0.1%		1.0%		-0.8%		0.4%			0.5%

CAGR - Compound Average Growth Rate.

FMPA 2017 Load Forecast - Severe Weather Case
Ft. Meade (Forecast Limited by the CROD)*
 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)				
		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	2007	45,942	-	45,579	-	-0.8%	10.6	-	12.3	-	15.5%	9.9	-	9.9		0.0%
	2008	44,665	-2.8%	44,765	-1.8%	0.2%	11.8	11.5%	11.6	-5.8%	-2.4%	9.1	-8.4%	9.2	-7.3%	1.3%
	2009	44,134	-1.2%	43,629	-2.5%	-1.1%	12.5	5.6%	10.2	-11.6%	-18.3%	9.5	4.5%	10.4	12.3%	8.9%
	2010	45,653	3.4%	42,253	-3.2%	-7.4%	14.0	11.9%	12.4	21.8%	-11.2%	9.4	-1.2%	9.2	-11.6%	-2.6%
	2011	43,569	-4.6%	40,843	-3.3%	-6.3%	12.3	-11.9%	11.7	-5.5%	-4.8%	8.4	-10.1%	8.4	-8.4%	-0.8%
	2012	41,322	-5.2%	41,344	1.2%	0.1%	10.9	-11.5%	11.0	-6.6%	0.5%	7.8	-7.2%	9.0	7.7%	15.2%
	2013	40,645	-1.6%	41,003	-0.8%	0.9%	8.7	-20.1%	9.4	-14.6%	7.5%	7.8	0.2%	8.2	-8.7%	5.1%
	2014	41,588	2.3%	41,652	1.6%	0.2%	9.3	6.8%	11.2	19.7%	20.5%	7.2	-8.3%	7.1	-14.1%	-1.6%
	2015	42,783	2.9%	41,876	0.5%	-2.1%	10.6	14.2%	10.4	-7.3%	-2.2%	9.4	30.0%	9.3	31.5%	-0.4%
	2016	43,483	1.6%	41,529	-0.8%	-4.5%	9.5	-10.2%	10.6	2.2%	11.4%	9.4	0.5%	9.3	0.2%	-0.7%
Projected	2017	41,097	-5.5%	41,097	-1.0%		10.4	8.5%	10.4	-2.6%		8.3	-11.4%	8.3	-10.7%	
	2018			40,673	-1.0%				10.4	0.0%				8.3	0.0%	
	2019			40,689	0.0%				10.4	0.0%				8.3	0.0%	
	2020			40,726	0.1%				10.4	0.0%				8.3	0.0%	
	2021			40,678	-0.1%				10.4	0.0%				8.3	0.0%	
	2022			40,710	0.1%				10.4	0.0%				8.3	0.0%	
	2023			40,716	0.0%				10.4	0.0%				8.3	0.0%	
	2024			40,749	0.1%				10.4	0.0%				8.3	0.0%	
	2025			40,699	-0.1%				10.4	0.0%				8.3	0.0%	
	2026			40,729	0.1%				10.4	0.0%				8.3	0.0%	
	2027			40,733	0.0%				10.4	0.0%				8.3	0.0%	
	2028			40,765	0.1%				10.4	0.0%				8.3	0.0%	
	2029			40,716	-0.1%				10.4	0.0%				8.3	0.0%	
	2030			40,748	0.1%				10.4	0.0%				8.3	0.0%	
	2031			40,750	0.0%				10.4	0.0%				8.3	0.0%	
	2032			40,782	0.1%				10.4	0.0%				8.3	0.0%	
	2033			40,732	-0.1%				10.4	0.0%				8.3	0.0%	
	2034			40,760	0.1%				10.4	0.0%				8.3	0.0%	
	2035			40,766	0.0%				10.4	0.0%				8.3	0.0%	
	2036			40,798	0.1%				10.4	0.0%				8.3	0.0%	
CAGR ^[3]	2007-2016		-0.6%		-1.0%			-1.2%		-1.6%			-0.6%		-0.7%	
	2017-2026				-0.1%					0.0%					0.0%	
	2027-2036				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

* Ft. Meade's CROD is 10.36 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD. The ratio of CROD/MaxD is used for calculation of scheduled energy and billed loads.

FMPA 2017 Load Forecast - Severe Weather Case
Ft. Meade (Forecast Limited by the CROD)*
Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2007	45,942	-	45,579	-	-0.8%	11.0	-	47.8%	10.1	-	52.1%
	2008	44,665	-2.8%	44,765	-1.8%	0.2%	12.7	15.4%	40.2%	10.0	-0.7%	51.0%
	2009	44,134	-1.2%	43,629	-2.5%	-1.1%	12.7	0.0%	39.8%	9.6	-4.5%	52.7%
	2010	45,653	3.4%	42,253	-3.2%	-7.4%	14.0	10.5%	37.2%	9.7	1.0%	54.0%
	2011	43,569	-4.6%	40,843	-3.3%	-6.3%	12.5	-10.8%	39.8%	9.7	0.2%	51.5%
	2012	41,322	-5.2%	41,344	1.2%	0.1%	11.0	-11.9%	42.9%	8.9	-7.9%	53.0%
	2013	40,645	-1.6%	41,003	-0.8%	0.9%	9.6	-12.9%	48.4%	8.8	-0.8%	52.6%
	2014	41,588	2.3%	41,652	1.6%	0.2%	9.9	3.8%	47.7%	9.4	6.0%	50.7%
	2015	42,783	2.9%	41,876	0.5%	-2.1%	11.1	11.6%	44.0%	9.5	1.6%	51.4%
	2016	43,483	1.6%	41,529	-0.8%	-4.5%	9.7	-12.5%	51.1%	9.5	0.1%	52.2%
Projected	2017	41,097	-5.5%	41,097	-1.0%		10.4	6.7%	45.3%	9.1	-4.2%	51.4%
	2018	40,673	-1.0%	40,673	-1.0%		10.4	0.0%	44.8%	9.1	0.0%	50.9%
	2019	40,689	0.0%	40,689	0.0%		10.4	0.0%	44.8%	9.1	0.0%	50.9%
	2020	40,726	0.1%	40,726	0.1%		10.4	0.0%	44.9%	9.1	0.0%	51.0%
	2021	40,678	-0.1%	40,678	-0.1%		10.4	0.0%	44.8%	9.1	0.0%	50.9%
	2022	40,710	0.1%	40,710	0.1%		10.4	0.0%	44.9%	9.1	0.0%	50.9%
	2023	40,716	0.0%	40,716	0.0%		10.4	0.0%	44.9%	9.1	0.0%	51.0%
	2024	40,749	0.1%	40,749	0.1%		10.4	0.0%	44.9%	9.1	0.0%	51.0%
	2025	40,699	-0.1%	40,699	-0.1%		10.4	0.0%	44.8%	9.1	0.0%	50.9%
	2026	40,729	0.1%	40,729	0.1%		10.4	0.0%	44.9%	9.1	0.0%	51.0%
	2027	40,733	0.0%	40,733	0.0%		10.4	0.0%	44.9%	9.1	0.0%	51.0%
	2028	40,765	0.1%	40,765	0.1%		10.4	0.0%	44.9%	9.1	0.0%	51.0%
	2029	40,716	-0.1%	40,716	-0.1%		10.4	0.0%	44.9%	9.1	0.0%	51.0%
	2030	40,748	0.1%	40,748	0.1%		10.4	0.0%	44.9%	9.1	0.0%	51.0%
	2031	40,750	0.0%	40,750	0.0%		10.4	0.0%	44.9%	9.1	0.0%	51.0%
	2032	40,782	0.1%	40,782	0.1%		10.4	0.0%	44.9%	9.1	0.0%	51.0%
	2033	40,732	-0.1%	40,732	-0.1%		10.4	0.0%	44.9%	9.1	0.0%	51.0%
	2034	40,760	0.1%	40,760	0.1%		10.4	0.0%	44.9%	9.1	0.0%	51.0%
	2035	40,766	0.0%	40,766	0.0%		10.4	0.0%	44.9%	9.1	0.0%	51.0%
	2036	40,798	0.1%	40,798	0.1%		10.4	0.0%	45.0%	9.1	0.0%	51.1%
CAGR [1]	2007-2016		-0.6%		-1.0%			-1.4%	43.9%		-0.6%	52.1%
	2017-2026		-0.1%		-0.1%			0.0%	44.9%		0.0%	51.0%
	2027-2036		0.0%		0.0%			0.0%	44.9%		0.0%	51.0%

* Ft. Meade's CROD is 10.36 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD.

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Severe Weather Case
Ft. Meade (Forecast Limited by the CROD)
Monthly Net Energy for Load (MWh)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2007	3,487	3,365	3,361	3,425	3,959	4,213	4,539	4,932	4,306	4,023	3,011	3,280	45,902	45,942
	2008	3,571	3,092	3,231	3,310	4,209	4,298	4,077	4,275	4,288	3,637	3,238	3,267	44,493	44,665
	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	3,257	2,835	3,599	43,232	43,483
Projected	2017	4,049	2,904	2,722	2,775	3,447	3,709	3,948	4,026	3,826	3,139	2,746	3,498	40,789	41,097
	2018	3,932	2,901	2,721	2,774	3,446	3,710	3,950	4,029	3,828	3,142	2,748	3,501	40,680	40,673
	2019	3,938	2,901	2,721	2,773	3,446	3,710	3,952	4,030	3,829	3,142	2,748	3,501	40,690	40,689
	2020	3,940	2,977	2,716	2,767	3,439	3,704	3,946	4,024	3,823	3,137	2,742	3,494	40,708	40,726
	2021	3,934	2,904	2,722	2,772	3,445	3,711	3,955	4,033	3,831	3,143	2,746	3,500	40,695	40,678
	2022	3,943	2,906	2,722	2,771	3,444	3,712	3,956	4,035	3,832	3,143	2,746	3,500	40,710	40,710
	2023	3,945	2,907	2,723	2,771	3,444	3,712	3,957	4,036	3,832	3,144	2,745	3,500	40,715	40,716
	2024	3,946	2,983	2,718	2,765	3,437	3,706	3,951	4,029	3,825	3,138	2,739	3,493	40,730	40,749
	2025	3,939	2,910	2,723	2,770	3,443	3,713	3,960	4,038	3,833	3,144	2,744	3,499	40,717	40,699
Projected	2026	3,948	2,911	2,724	2,770	3,443	3,714	3,961	4,039	3,834	3,144	2,743	3,499	40,729	40,729
	2027	3,949	2,911	2,724	2,769	3,442	3,714	3,962	4,040	3,834	3,144	2,743	3,499	40,733	40,733
	2028	3,950	2,987	2,719	2,764	3,435	3,707	3,956	4,033	3,827	3,139	2,737	3,492	40,746	40,765
	2029	3,944	2,914	2,725	2,769	3,441	3,715	3,964	4,042	3,835	3,145	2,742	3,499	40,734	40,716
	2030	3,953	2,915	2,725	2,768	3,441	3,715	3,966	4,043	3,836	3,145	2,742	3,498	40,747	40,748
	2031	3,953	2,916	2,725	2,768	3,441	3,715	3,967	4,044	3,836	3,145	2,741	3,498	40,750	40,750
	2032	3,955	2,991	2,720	2,762	3,434	3,709	3,960	4,037	3,829	3,139	2,735	3,491	40,763	40,782
	2033	3,948	2,918	2,726	2,767	3,440	3,716	3,968	4,046	3,837	3,146	2,740	3,497	40,749	40,732
	2034	3,956	2,918	2,726	2,767	3,440	3,716	3,969	4,046	3,838	3,146	2,740	3,497	40,760	40,760
Projected	2035	3,957	2,919	2,727	2,767	3,440	3,717	3,971	4,048	3,838	3,146	2,740	3,498	40,767	40,766
	2036	3,959	2,995	2,722	2,761	3,433	3,710	3,964	4,040	3,831	3,140	2,734	3,491	40,779	40,798

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2007	7.6%	7.3%	7.3%	7.5%	8.6%	9.2%	9.9%	10.7%	9.4%	8.8%	6.6%	7.1%	100.0%
	2008	8.0%	6.9%	7.3%	7.4%	9.5%	9.7%	9.2%	9.6%	9.6%	8.2%	7.3%	7.3%	100.0%
	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%
Projected	2016	7.8%	7.2%	7.2%	7.5%	8.8%	9.6%	10.1%	10.0%	9.4%	7.5%	6.6%	8.3%	100.0%
	2017	9.9%	7.1%	6.7%	6.8%	8.5%	9.1%	9.7%	9.9%	9.4%	7.7%	6.7%	8.6%	100.0%
	2018	9.7%	7.1%	6.7%	6.8%	8.5%	9.1%	9.7%	9.9%	9.4%	7.7%	6.8%	8.6%	100.0%
	2019	9.7%	7.1%	6.7%	6.8%	8.5%	9.1%	9.7%	9.9%	9.4%	7.7%	6.8%	8.6%	100.0%
	2020	9.7%	7.3%	6.7%	6.8%	8.4%	9.1%	9.7%	9.9%	9.4%	7.7%	6.7%	8.6%	100.0%
	2021	9.7%	7.1%	6.7%	6.8%	8.5%	9.1%	9.7%	9.9%	9.4%	7.7%	6.7%	8.6%	100.0%
	2022	9.7%	7.1%	6.7%	6.8%	8.5%	9.1%	9.7%	9.9%	9.4%	7.7%	6.7%	8.6%	100.0%
	2023	9.7%	7.1%	6.7%	6.8%	8.5%	9.1%	9.7%	9.9%	9.4%	7.7%	6.7%	8.6%	100.0%
	2024	9.7%	7.3%	6.7%	6.8%	8.4%	9.1%	9.7%	9.9%	9.4%	7.7%	6.7%	8.6%	100.0%
Projected	2025	9.7%	7.1%	6.7%	6.8%	8.5%	9.1%	9.7%	9.9%	9.4%	7.7%	6.7%	8.6%	100.0%
	2026	9.7%	7.1%	6.7%	6.8%	8.5%	9.1%	9.7%	9.9%	9.4%	7.7%	6.7%	8.6%	100.0%
Avg.	2007-2016	8.1%	7.1%	7.3%	7.6%	9.1%	9.4%	9.6%	10.0%	9.2%	8.1%	6.9%	7.7%	100.0%
	2017-2026	9.7%	7.2%	6.7%	6.8%	8.5%	9.1%	9.7%	9.9%	9.4%	7.7%	6.7%	8.6%	100.0%

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

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The ratio of CROD/MaxD is used for calculation of scheduled energy and billed loads.

FMPA 2017 Load Forecast - Severe Weather Case
Ft. Meade (Forecast Limited by the CROD)
Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	10.1	11.0	8.0	8.1	9.1	9.2	10.0	10.1	9.6	8.9	6.9	8.5	11.0	10.1
	2008	12.7	8.9	7.6	7.4	9.1	10.0	9.1	9.6	9.3	8.1	8.6	9.4	12.7	10.0
	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	8.1	7.4	8.1	9.7	9.5
Projected	2017	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.8	10.4	9.1
	2018	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.8	10.4	9.1
	2019	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.9	10.4	9.1
	2020	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.8	10.4	9.1
	2021	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.8	10.4	9.1
	2022	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.8	10.4	9.1
	2023	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.9	10.4	9.1
	2024	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.8	10.4	9.1
	2025	10.4	9.2	6.6	7.3	8.5	8.8	8.6	9.1	8.3	8.0	7.2	7.8	10.4	9.1
Projected	2026	10.4	9.2	6.6	7.3	8.5	8.8	8.7	9.1	8.3	8.0	7.2	7.8	10.4	9.1
	2027	10.4	9.2	6.6	7.3	8.5	8.8	8.7	9.1	8.3	8.0	7.2	7.9	10.4	9.1
	2028	10.4	9.2	6.6	7.3	8.5	8.8	8.7	9.1	8.3	8.0	7.2	7.8	10.4	9.1
	2029	10.4	9.2	6.6	7.3	8.5	8.8	8.7	9.1	8.3	8.0	7.2	7.8	10.4	9.1
	2030	10.4	9.2	6.6	7.3	8.5	8.8	8.7	9.1	8.3	8.0	7.2	7.8	10.4	9.1
	2031	10.4	9.2	6.6	7.3	8.5	8.8	8.7	9.1	8.3	8.0	7.2	7.9	10.4	9.1
	2032	10.4	9.2	6.6	7.3	8.5	8.8	8.7	9.1	8.3	8.0	7.2	7.8	10.4	9.1
	2033	10.4	9.2	6.6	7.3	8.5	8.8	8.7	9.1	8.3	8.0	7.2	7.8	10.4	9.1
	2034	10.4	9.2	6.6	7.3	8.5	8.8	8.7	9.1	8.3	8.0	7.2	7.8	10.4	9.1
	2035	10.4	9.2	6.6	7.3	8.5	8.8	8.7	9.1	8.3	8.0	7.2	7.9	10.4	9.1
	2036	10.4	9.2	6.6	7.3	8.5	8.8	8.7	9.1	8.3	8.0	7.2	7.8	10.4	9.1

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	46.6%	45.6%	56.4%	56.9%	64.9%	61.5%	63.2%	65.8%	62.5%	61.0%	58.8%	53.6%	47.7%	52.0%
	2008	37.9%	49.8%	57.5%	60.1%	68.6%	57.8%	62.2%	60.2%	64.0%	60.1%	50.6%	48.0%	40.1%	50.8%
	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%	54.2%	51.6%	62.0%	50.8%	51.8%
Projected	2017	52.5%	47.0%	55.3%	51.3%	60.6%	56.6%	63.4%	59.3%	64.0%	52.9%	51.4%	62.0%	44.9%	51.0%
	2018	51.0%	47.0%	55.3%	51.2%	60.6%	56.6%	63.4%	59.4%	64.0%	52.9%	51.4%	62.0%	44.8%	50.9%
	2019	51.1%	47.0%	55.3%	51.2%	60.6%	56.6%	63.5%	59.4%	64.0%	52.9%	51.3%	61.9%	44.8%	50.9%
	2020	51.1%	46.5%	55.2%	51.1%	60.5%	56.5%	63.4%	59.3%	63.9%	52.8%	51.4%	62.0%	44.9%	50.9%
	2021	51.0%	47.0%	55.3%	51.2%	60.6%	56.6%	63.5%	59.4%	64.1%	52.9%	51.3%	62.0%	44.8%	50.9%
	2022	51.2%	47.0%	55.3%	51.2%	60.6%	56.6%	63.5%	59.4%	64.1%	52.9%	51.3%	62.0%	44.9%	50.9%
	2023	51.2%	47.1%	55.3%	51.2%	60.6%	56.6%	63.6%	59.5%	64.1%	52.9%	51.2%	61.9%	44.9%	51.0%
	2024	51.2%	46.6%	55.2%	51.1%	60.4%	56.5%	63.4%	59.4%	64.0%	52.8%	51.3%	62.0%	44.9%	51.0%
	2025	51.1%	47.1%	55.3%	51.2%	60.5%	56.6%	63.6%	59.5%	64.1%	52.9%	51.3%	62.0%	44.9%	51.0%
Avg.	2007-2016	46.0%	46.8%	55.2%	56.9%	67.0%	59.1%	63.7%	62.4%	62.8%	57.7%	55.0%	57.2%	43.8%	52.0%
	2017-2026	51.3%	46.9%	55.3%	51.2%	60.5%	56.6%	63.5%	59.4%	64.0%	52.9%	51.3%	62.0%	44.9%	51.0%

* Ft. Meade's CROD is 10.36 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD. The ratio of CROD/MaxD is used for calculation of scheduled energy and billed loads.

FMPA 2017 Load Forecast - Severe Weather Case
Ft. Meade (Forecast Limited by the CROD)
Monthly Coincident-Peak Demand with ARP (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	10.1	10.6	6.4	7.9	9.1	8.9	9.8	9.9	9.1	8.6	6.1	6.4	10.6	9.9
	2008	11.8	8.8	6.9	6.6	8.4	9.7	9.0	9.1	8.7	7.9	6.9	9.2	11.8	9.1
	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
Projected	2016	9.4	9.5	7.4	8.0	8.0	8.3	9.4	9.3	8.6	7.6	6.7	7.7	9.5	9.4
	2017	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2018	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2019	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2020	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2021	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2022	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2023	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2024	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
Projected	2025	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2026	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2027	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2028	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2029	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2030	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2031	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2032	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2033	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
Projected	2034	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2035	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3
	2036	10.4	9.1	6.2	6.7	8.0	8.3	7.9	8.3	7.9	7.5	6.5	7.5	10.4	8.3

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	100.0%	96.7%	80.2%	97.4%	100.0%	96.9%	97.8%	98.7%	95.6%	96.5%	89.2%	75.4%	96.7%	98.7%
	2008	93.4%	98.8%	91.8%	89.3%	91.8%	97.2%	98.8%	95.3%	93.7%	96.6%	80.1%	97.4%	93.4%	91.0%
	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%
Projected	2016	96.6%	100.0%	100.0%	98.3%	95.4%	90.9%	99.0%	97.6%	97.7%	93.6%	90.8%	95.6%	98.3%	98.8%
	2017	100.0%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	100.0%	91.3%
	2018	100.0%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	100.0%	91.3%
	2019	100.0%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	100.0%	91.3%
	2020	100.0%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.6%	90.8%	95.6%	100.0%	91.3%
	2021	100.0%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.7%	90.8%	95.6%	100.0%	91.3%
	2022	100.0%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.7%	90.8%	95.6%	100.0%	91.3%
	2023	100.0%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.7%	90.8%	95.6%	100.0%	91.3%
	2024	100.0%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.7%	90.8%	95.6%	100.0%	91.3%
Projected	2025	100.0%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.7%	90.8%	95.6%	100.0%	91.3%
	2026	100.0%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.7%	90.8%	95.6%	100.0%	91.3%
2007-2016		97.1%	97.0%	94.4%	93.2%	94.5%	95.8%	93.0%	93.6%	95.8%	95.3%	91.8%	93.4%	96.5%	92.5%
2017-2026		100.0%	98.8%	94.1%	91.8%	94.9%	93.6%	91.4%	91.3%	94.7%	93.7%	90.8%	95.6%	100.0%	91.3%

* Ft. Meade's CROD is 10.36 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD
The ratio of CROD/MaxD is used for calculation of scheduled energy and billed loads.

FMPA 2017 Load Forecast - Severe Weather Case - Ft Meade

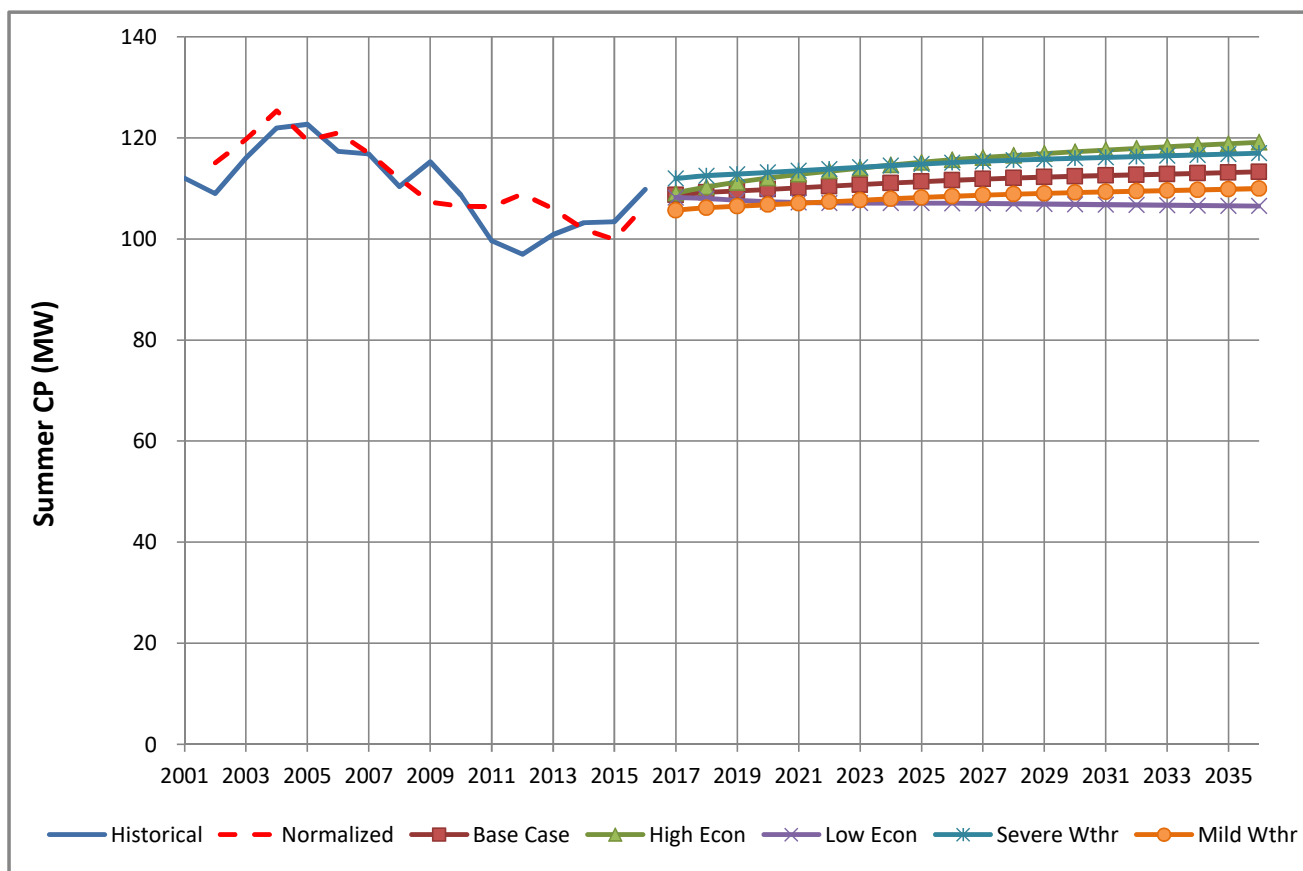
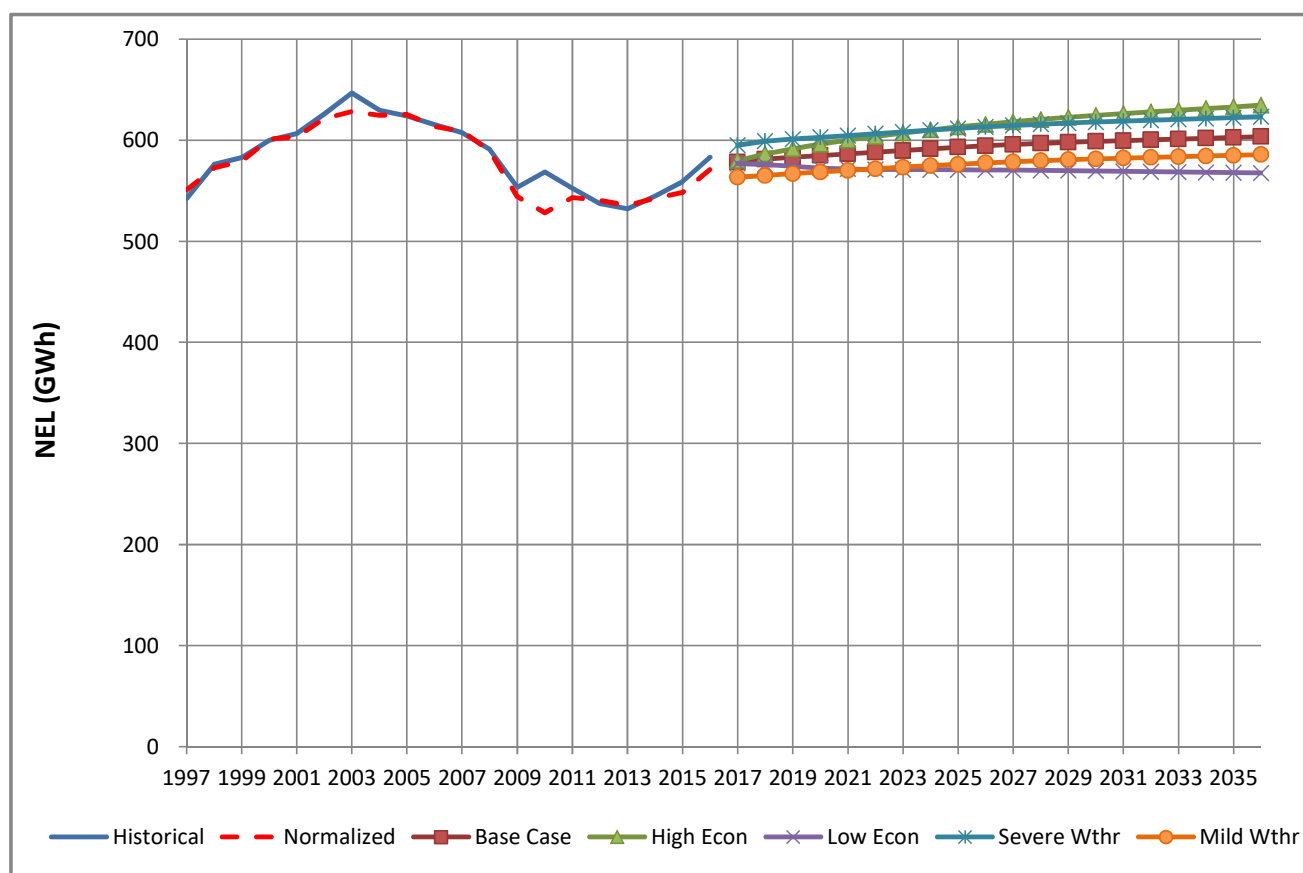
Historical and Projected - Energy Sales by Customer Class (Fiscal Year 2007-2036)

Fiscal Year		Residential						General Service						TOTAL SALES		DISTR.	TOTAL NEL	
		Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	LOSSES	(MWh)	% Chg
																(MWh)		
Historical	2007	30,045		2,348		12,798		11,875		321		37.0		41,920		4,022	45,942	
	2008	27,652	-8.0%	2,330	-0.7%	11,867	-7.3%	12,240	3.1%	342	6.3%	35.8	-3.1%	39,892	-4.8%	4,773	44,665	-2.8%
	2009	27,686	0.1%	2,364	1.4%	11,714	-1.3%	12,772	4.3%	335	-1.8%	38.1	6.3%	40,458	1.4%	3,676	44,134	-1.2%
	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	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	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	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	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	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	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	43,483	1.6%
Projected	2017	29,023	3.6%	2,371	-0.3%	12,240	3.9%	13,408	3.4%	321	1.0%	41.8	2.4%	42,430	3.6%	1,901	44,331	1.9%
	2018	29,120	0.3%	2,374	0.1%	12,265	0.2%	13,418	0.1%	325	1.3%	41.3	-1.2%	42,538	0.3%	1,968	44,506	0.4%
	2019	29,360	0.8%	2,382	0.3%	12,324	0.5%	13,438	0.1%	329	1.2%	40.8	-1.0%	42,798	0.6%	1,979	44,777	0.6%
	2020	29,608	0.8%	2,391	0.4%	12,383	0.5%	13,458	0.1%	333	1.2%	40.4	-1.0%	43,066	0.6%	2,076	45,142	0.8%
	2021	29,850	0.8%	2,400	0.4%	12,440	0.5%	13,478	0.1%	337	1.2%	40.0	-1.0%	43,328	0.6%	2,003	45,331	0.4%
	2022	30,087	0.8%	2,408	0.3%	12,496	0.5%	13,498	0.1%	341	1.2%	39.6	-1.0%	43,585	0.6%	2,015	45,600	0.6%
	2023	30,323	0.8%	2,415	0.3%	12,554	0.5%	13,517	0.1%	345	1.2%	39.2	-1.0%	43,840	0.6%	2,026	45,866	0.6%
	2024	30,548	0.7%	2,423	0.3%	12,610	0.4%	13,537	0.1%	349	1.2%	38.8	-1.0%	44,084	0.6%	2,124	46,208	0.7%
	2025	30,762	0.7%	2,429	0.3%	12,662	0.4%	13,555	0.1%	353	1.1%	38.4	-1.0%	44,318	0.5%	2,048	46,366	0.3%
	2026	30,972	0.7%	2,436	0.3%	12,714	0.4%	13,574	0.1%	357	1.1%	38.0	-1.0%	44,546	0.5%	2,058	46,605	0.5%
	2027	31,179	0.7%	2,442	0.3%	12,766	0.4%	13,593	0.1%	361	1.1%	37.7	-0.9%	44,772	0.5%	2,068	46,840	0.5%
	2028	31,386	0.7%	2,449	0.3%	12,817	0.4%	13,610	0.1%	365	1.1%	37.3	-0.9%	44,997	0.5%	2,167	47,164	0.7%
	2029	31,588	0.6%	2,455	0.2%	12,867	0.4%	13,628	0.1%	369	1.0%	37.0	-0.9%	45,216	0.5%	2,088	47,305	0.3%
	2030	31,787	0.6%	2,461	0.2%	12,917	0.4%	13,645	0.1%	372	1.0%	36.7	-0.9%	45,433	0.5%	2,098	47,531	0.5%
	2031	31,978	0.6%	2,467	0.2%	12,964	0.4%	13,661	0.1%	376	1.0%	36.3	-0.8%	45,640	0.5%	2,108	47,747	0.5%
	2032	32,169	0.6%	2,472	0.2%	13,013	0.4%	13,677	0.1%	379	0.9%	36.0	-0.8%	45,846	0.5%	2,207	48,053	0.6%
	2033	32,353	0.6%	2,477	0.2%	13,060	0.4%	13,692	0.1%	383	0.9%	35.8	-0.8%	46,046	0.4%	2,126	48,172	0.2%
	2034	32,532	0.6%	2,482	0.2%	13,105	0.3%	13,707	0.1%	386	0.9%	35.5	-0.8%	46,239	0.4%	2,135	48,373	0.4%
	2035	32,711	0.6%	2,487	0.2%	13,151	0.3%	13,723	0.1%	390	0.9%	35.2	-0.8%	46,433	0.4%	2,143	48,576	0.4%
	2036	32,892	0.6%	2,493	0.2%	13,196	0.3%	13,738	0.1%	393	0.9%	34.9	-0.8%	46,630	0.4%	2,244	48,873	0.6%
CAGR	2007-2016		-0.8%		0.1%		-0.9%		1.0%		-0.1%		1.1%		-0.3%			-0.6%
	2017-2026		0.7%		0.3%		0.4%		0.1%		1.2%		-1.0%		0.5%			0.6%
	2027-2036		0.6%		0.2%		0.4%		0.1%		1.0%		-0.8%		0.5%			0.5%

CAGR - Compound Average Growth Rate.

Fort Pierce

FMPA 2017 Load Forecast **Fort Pierce** Historical and Projected NEL and Annual Coincident Peak Demand



FMPA 2017 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)				
		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.
Year																
Historical	2007	607,585	-	608,619	-	0.2%	98.6	-	109.2	-	10.8%	116.8	-	116.9		0.1%
	2008	590,911	-2.7%	587,185	-3.5%	-0.6%	107.3	8.9%	111.7	2.2%	4.1%	110.4	-5.5%	111.9	-4.3%	1.4%
	2009	553,488	-6.3%	548,748	-6.5%	-0.9%	111.5	3.9%	96.0	-14.1%	-13.9%	115.3	4.4%	107.3	-4.1%	-6.9%
	2010	568,638	2.7%	542,497	-1.1%	-4.6%	124.1	11.3%	106.5	10.9%	-14.2%	108.7	-5.7%	106.5	-0.8%	-2.1%
	2011	552,427	-2.9%	546,964	0.8%	-1.0%	114.8	-7.5%	108.0	1.5%	-5.9%	99.6	-8.4%	99.2	-6.8%	-0.4%
	2012	537,115	-2.8%	540,836	-1.1%	0.7%	97.0	-15.5%	102.1	-5.5%	5.2%	97.0	-2.6%	108.9	9.8%	12.3%
	2013	532,037	-0.9%	535,282	-1.0%	0.6%	86.7	-10.7%	79.7	-21.9%	-8.1%	100.9	4.0%	106.0	-2.7%	5.1%
	2014	544,750	2.4%	542,495	1.3%	-0.4%	89.2	2.9%	109.6	37.5%	22.9%	103.2	2.4%	101.9	-3.8%	-1.3%
	2015	559,062	2.6%	548,341	1.1%	-1.9%	101.8	14.2%	79.4	-27.6%	-22.0%	103.4	0.2%	99.9	-2.0%	-3.4%
	2016	583,151	4.3%	571,153	4.2%	-2.1%	94.0	-7.7%	93.5	17.8%	-0.5%	109.8	6.2%	106.7	6.8%	-2.8%
Projected	2017	576,979	-1.1%	576,979	1.0%		97.2	3.4%	97.2	4.0%		108.2	-1.5%	108.2	1.4%	
	2018			575,712	-0.2%				97.0	-0.2%				108.0	-0.2%	
	2019			574,175	-0.3%				96.7	-0.3%				107.7	-0.3%	
	2020			572,498	-0.3%				96.5	-0.3%				107.4	-0.3%	
	2021			571,530	-0.2%				96.3	-0.1%				107.2	-0.1%	
	2022			571,028	-0.1%				96.3	-0.1%				107.1	-0.1%	
	2023			570,816	0.0%				96.2	0.0%				107.1	0.0%	
	2024			570,734	0.0%				96.2	0.0%				107.1	0.0%	
	2025			570,684	0.0%				96.2	0.0%				107.1	0.0%	
	2026			570,584	0.0%				96.2	0.0%				107.1	0.0%	
	2027			570,431	0.0%				96.2	0.0%				107.0	0.0%	
	2028			570,202	0.0%				96.1	0.0%				107.0	0.0%	
	2029			569,938	0.0%				96.1	0.0%				106.9	0.0%	
	2030			569,618	-0.1%				96.0	-0.1%				106.9	-0.1%	
	2031			569,228	-0.1%				95.9	-0.1%				106.8	-0.1%	
	2032			568,851	-0.1%				95.9	-0.1%				106.7	-0.1%	
	2033			568,518	-0.1%				95.8	-0.1%				106.7	-0.1%	
	2034			568,209	-0.1%				95.8	-0.1%				106.6	-0.1%	
	2035			567,940	0.0%				95.7	0.0%				106.6	0.0%	
	2036			567,690	0.0%				95.7	0.0%				106.5	0.0%	
CAGR ^[3]	2007-2016		-0.5%		-0.7%			-0.5%		-1.7%			-0.7%		-1.0%	
	2017-2026				-0.1%					-0.1%					-0.1%	
	2027-2036				-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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	607,585	-	608,619	-	0.2%	98.6	-	70.4%	118.8	-	58.4%
	2008	590,911	-2.7%	587,185	-3.5%	-0.6%	108.5	10.1%	62.2%	116.9	-1.6%	57.7%
	2009	553,488	-6.3%	548,748	-6.5%	-0.9%	111.5	2.7%	56.7%	115.4	-1.3%	54.8%
	2010	568,638	2.7%	542,497	-1.1%	-4.6%	124.1	11.3%	52.3%	108.7	-5.8%	59.7%
	2011	552,427	-2.9%	546,964	0.8%	-1.0%	114.8	-7.5%	54.9%	104.3	-4.1%	60.5%
	2012	537,115	-2.8%	540,836	-1.1%	0.7%	97.0	-15.5%	63.2%	103.3	-0.9%	59.3%
	2013	532,037	-0.9%	535,282	-1.0%	0.6%	86.7	-10.7%	70.1%	103.7	0.4%	58.6%
	2014	544,750	2.4%	542,495	1.3%	-0.4%	89.2	2.9%	69.7%	105.5	1.8%	58.9%
	2015	559,062	2.6%	548,341	1.1%	-1.9%	101.8	14.2%	62.7%	107.2	1.6%	59.6%
	2016	583,151	4.3%	571,153	4.2%	-2.1%	97.7	-4.1%	68.2%	111.7	4.3%	59.6%
Projected	2017	576,979	-1.1%	576,979	1.0%		105.6	8.1%	62.4%	112.3	0.5%	58.6%
	2018	575,712	-0.2%	575,712	-0.2%		105.4	-0.2%	62.3%	112.1	-0.2%	58.6%
	2019	574,175	-0.3%	574,175	-0.3%		105.1	-0.3%	62.4%	111.8	-0.3%	58.6%
	2020	572,498	-0.3%	572,498	-0.3%		104.8	-0.3%	62.4%	111.5	-0.3%	58.6%
	2021	571,530	-0.2%	571,530	-0.2%		104.7	-0.1%	62.3%	111.3	-0.1%	58.6%
	2022	571,028	-0.1%	571,028	-0.1%		104.6	-0.1%	62.3%	111.2	-0.1%	58.6%
	2023	570,816	0.0%	570,816	0.0%		104.5	0.0%	62.3%	111.2	0.0%	58.6%
	2024	570,734	0.0%	570,734	0.0%		104.5	0.0%	62.3%	111.2	0.0%	58.6%
	2025	570,684	0.0%	570,684	0.0%		104.5	0.0%	62.3%	111.2	0.0%	58.6%
	2026	570,584	0.0%	570,584	0.0%		104.5	0.0%	62.3%	111.1	0.0%	58.6%
	2027	570,431	0.0%	570,431	0.0%		104.5	0.0%	62.3%	111.1	0.0%	58.6%
	2028	570,202	0.0%	570,202	0.0%		104.4	0.0%	62.3%	111.1	0.0%	58.6%
	2029	569,938	0.0%	569,938	0.0%		104.4	0.0%	62.3%	111.0	0.0%	58.6%
	2030	569,618	-0.1%	569,618	-0.1%		104.3	-0.1%	62.3%	110.9	-0.1%	58.6%
	2031	569,228	-0.1%	569,228	-0.1%		104.2	-0.1%	62.3%	110.9	-0.1%	58.6%
	2032	568,851	-0.1%	568,851	-0.1%		104.2	-0.1%	62.3%	110.8	-0.1%	58.6%
	2033	568,518	-0.1%	568,518	-0.1%		104.1	-0.1%	62.3%	110.7	-0.1%	58.6%
	2034	568,209	-0.1%	568,209	-0.1%		104.1	-0.1%	62.3%	110.7	-0.1%	58.6%
	2035	567,940	0.0%	567,940	0.0%		104.0	0.0%	62.3%	110.6	0.0%	58.6%
	2036	567,690	0.0%	567,690	0.0%		104.0	0.0%	62.3%	110.6	0.0%	58.6%
CAGR ^[1]	2007-2016		-0.5%		-0.7%			-0.1%	63.0%		-0.7%	58.7%
	2017-2026		-0.1%		-0.1%			-0.1%	62.3%		-0.1%	58.6%
	2027-2036		-0.1%		-0.1%			-0.1%	62.3%		-0.1%	58.6%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Low Economic Case - Ft Pierce

Historical and Projected - Energy Sales by Customer Class (Fiscal Year 2007-2036)

	Fiscal Year	Residential						General Service						Residential Lights		City Lights		TOTAL SALES		DISTR. LOSSES	TOTAL NEL	
		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)	% Chg
Historical	2007	233,543		22,195		10,522		328,479		4,688		70.1		5,850		5,657		573,529		34,056	607,585	
	2008	224,017	-4.1%	23,467	5.7%	9,546	-9.3%	336,746	2.5%	5,131	9.4%	65.6	-6.3%	5,977	2.2%	5,673	0.3%	572,413	-0.2%	18,498	590,911	-2.7%
	2009	209,719	-6.4%	23,328	-0.6%	8,990	-5.8%	327,259	-2.8%	5,085	-0.9%	64.4	-1.9%	5,992	0.3%	5,717	0.8%	548,687	-4.1%	4,801	553,488	-6.3%
	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	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	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	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	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	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	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	583,151	4.3%
Projected	2017	229,849	-3.7%	23,330	0.5%	9,852	-4.2%	315,195	2.5%	5,129	0.9%	61.5	1.5%	6,030	0.0%	3,900	-2.0%	554,974	-0.2%	22,004	576,979	-1.1%
	2018	229,360	-0.2%	23,341	0.0%	9,826	-0.3%	314,471	-0.2%	5,129	0.0%	61.3	-0.2%	6,030	0.0%	3,900	0.0%	553,761	-0.2%	21,952	575,712	-0.2%
	2019	228,632	-0.3%	23,397	0.2%	9,772	-0.6%	313,737	-0.2%	5,137	0.2%	61.1	-0.4%	6,030	0.0%	3,900	0.0%	552,298	-0.3%	21,877	574,175	-0.3%
	2020	227,835	-0.3%	23,463	0.3%	9,710	-0.6%	312,920	-0.3%	5,147	0.2%	60.8	-0.4%	6,030	0.0%	3,900	0.0%	550,685	-0.3%	21,813	572,498	-0.3%
	2021	227,616	-0.1%	23,537	0.3%	9,670	-0.4%	312,205	-0.2%	5,158	0.2%	60.5	-0.4%	6,030	0.0%	3,900	0.0%	549,751	-0.2%	21,779	571,530	-0.2%
	2022	227,773	0.1%	23,615	0.3%	9,645	-0.3%	311,565	-0.2%	5,170	0.2%	60.3	-0.4%	6,030	0.0%	3,900	0.0%	549,268	-0.1%	21,760	571,028	-0.1%
	2023	228,134	0.2%	23,696	0.3%	9,628	-0.2%	311,001	-0.2%	5,183	0.3%	60.0	-0.4%	6,030	0.0%	3,900	0.0%	549,064	0.0%	21,752	570,816	0.0%
	2024	228,639	0.2%	23,777	0.3%	9,616	-0.1%	310,418	-0.2%	5,195	0.2%	59.7	-0.4%	6,030	0.0%	3,900	0.0%	548,986	0.0%	21,748	570,734	0.0%
	2025	229,221	0.3%	23,859	0.3%	9,607	-0.1%	309,789	-0.2%	5,208	0.2%	59.5	-0.4%	6,030	0.0%	3,900	0.0%	548,939	0.0%	21,745	570,684	0.0%
	2026	229,793	0.2%	23,940	0.3%	9,599	-0.1%	309,122	-0.2%	5,219	0.2%	59.2	-0.4%	6,030	0.0%	3,900	0.0%	548,845	0.0%	21,739	570,584	0.0%
	2027	230,348	0.2%	24,024	0.4%	9,588	-0.1%	308,422	-0.2%	5,231	0.2%	59.0	-0.4%	6,030	0.0%	3,900	0.0%	548,700	0.0%	21,732	570,431	0.0%
	2028	230,837	0.2%	24,105	0.3%	9,576	-0.1%	307,714	-0.2%	5,242	0.2%	58.7	-0.4%	6,030	0.0%	3,900	0.0%	548,480	0.0%	21,721	570,202	0.0%
	2029	231,315	0.2%	24,185	0.3%	9,564	-0.1%	306,984	-0.2%	5,252	0.2%	58.4	-0.4%	6,030	0.0%	3,900	0.0%	548,228	0.0%	21,710	569,938	0.0%
	2030	231,787	0.2%	24,263	0.3%	9,553	-0.1%	306,206	-0.3%	5,263	0.2%	58.2	-0.4%	6,030	0.0%	3,900	0.0%	547,923	-0.1%	21,696	569,618	-0.1%
	2031	232,221	0.2%	24,336	0.3%	9,542	-0.1%	305,398	-0.3%	5,272	0.2%	57.9	-0.4%	6,030	0.0%	3,900	0.0%	547,549	-0.1%	21,679	569,228	-0.1%
	2032	232,653	0.2%	24,406	0.3%	9,533	-0.1%	304,605	-0.3%	5,282	0.2%	57.7	-0.4%	6,030	0.0%	3,900	0.0%	547,188	-0.1%	21,664	568,851	-0.1%
	2033	233,130	0.2%	24,478	0.3%	9,524	-0.1%	303,809	-0.3%	5,292	0.2%	57.4	-0.4%	6,030	0.0%	3,900	0.0%	546,869	-0.1%	21,649	568,518	-0.1%
	2034	233,647	0.2%	24,547	0.3%	9,518	-0.1%	302,996	-0.3%	5,301	0.2%	57.2	-0.4%	6,030	0.0%	3,900	0.0%	546,573	-0.1%	21,636	568,209	-0.1%
	2035	234,207	0.2%	24,618	0.3%	9,514	-0.1%	302,178	-0.3%	5,311	0.2%	56.9	-0.4%	6,030	0.0%	3,900	0.0%	546,316	0.0%	21,624	567,940	0.0%
	2036	234,790	0.2%	24,692	0.3%	9,509	0.0%	301,356	-0.3%	5,320	0.2%	56.6	-0.4%	6,030	0.0%	3,900	0.0%	546,076	0.0%	21,613	567,690	0.0%
CAGR	2007-2016		0.2%		0.5%		-0.3%		-0.7%		0.9%		-1.6%		0.3%		-3.8%		-0.3%			-0.5%
	2017-2026		0.0%		0.3%		-0.3%		-0.2%		0.2%		-0.4%		0.0%		0.0%		-0.1%			-0.1%
	2027-2036		0.2%		0.3%		-0.1%		-0.3%		0.2%		-0.4%		0.0%		0.0%		-0.1%			-0.1%

CAGR - Compound Average Growth Rate.

FMPA 2017 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)				
		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	2007	607,585	-	608,619	-	0.2%	98.6	-	109.2	-	10.8%	116.8	-	116.9		0.1%
	2008	590,911	-2.7%	587,185	-3.5%	-0.6%	107.3	8.9%	111.7	2.2%	4.1%	110.4	-5.5%	111.9	-4.3%	1.4%
	2009	553,488	-6.3%	548,748	-6.5%	-0.9%	111.5	3.9%	96.0	-14.1%	-13.9%	115.3	4.4%	107.3	-4.1%	-6.9%
	2010	568,638	2.7%	542,497	-1.1%	-4.6%	124.1	11.3%	106.5	10.9%	-14.2%	108.7	-5.7%	106.5	-0.8%	-2.1%
	2011	552,427	-2.9%	546,964	0.8%	-1.0%	114.8	-7.5%	108.0	1.5%	-5.9%	99.6	-8.4%	99.2	-6.8%	-0.4%
	2012	537,115	-2.8%	540,836	-1.1%	0.7%	97.0	-15.5%	102.1	-5.5%	5.2%	97.0	-2.6%	108.9	9.8%	12.3%
	2013	532,037	-0.9%	535,282	-1.0%	0.6%	86.7	-10.7%	79.7	-21.9%	-8.1%	100.9	4.0%	106.0	-2.7%	5.1%
	2014	544,750	2.4%	542,495	1.3%	-0.4%	89.2	2.9%	109.6	37.5%	22.9%	103.2	2.4%	101.9	-3.8%	-1.3%
	2015	559,062	2.6%	548,341	1.1%	-1.9%	101.8	14.2%	79.4	-27.6%	-22.0%	103.4	0.2%	99.9	-2.0%	-3.4%
	2016	583,151	4.3%	571,153	4.2%	-2.1%	94.0	-7.7%	93.5	17.8%	-0.5%	109.8	6.2%	106.7	6.8%	-2.8%
Projected	2017	579,808	-0.6%	579,808	1.5%		98.0	4.3%	98.0	4.8%		109.1	-0.7%	109.1	2.2%	
	2018			586,440	1.1%				99.1	1.1%				110.3	1.1%	
	2019			591,454	0.9%				99.9	0.8%				111.2	0.8%	
	2020			596,176	0.8%				100.7	0.8%				112.1	0.8%	
	2021			600,205	0.7%				101.3	0.6%				112.8	0.6%	
	2022			603,720	0.6%				101.9	0.6%				113.4	0.6%	
	2023			607,045	0.6%				102.5	0.5%				114.0	0.5%	
	2024			610,164	0.5%				103.0	0.5%				114.6	0.5%	
	2025			613,091	0.5%				103.5	0.5%				115.2	0.5%	
	2026			615,785	0.4%				103.9	0.4%				115.7	0.4%	
	2027			618,244	0.4%				104.3	0.4%				116.1	0.4%	
	2028			620,503	0.4%				104.7	0.4%				116.5	0.4%	
	2029			622,591	0.3%				105.0	0.3%				116.9	0.3%	
	2030			624,516	0.3%				105.4	0.3%				117.3	0.3%	
	2031			626,305	0.3%				105.6	0.3%				117.6	0.3%	
	2032			628,019	0.3%				105.9	0.3%				117.9	0.3%	
	2033			629,702	0.3%				106.2	0.3%				118.2	0.3%	
	2034			631,364	0.3%				106.5	0.3%				118.5	0.3%	
	2035			633,024	0.3%				106.8	0.3%				118.9	0.3%	
	2036			634,638	0.3%				107.0	0.3%				119.2	0.3%	
CAGR ^[3]	2007-2016		-0.5%		-0.7%			-0.5%		-1.7%			-0.7%		-1.0%	
	2017-2026				0.7%					0.7%					0.7%	
	2027-2036				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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	607,585	-	608,619	-	0.2%	98.6	-	70.4%	118.8	-	58.4%
	2008	590,911	-2.7%	587,185	-3.5%	-0.6%	108.5	10.1%	62.2%	116.9	-1.6%	57.7%
	2009	553,488	-6.3%	548,748	-6.5%	-0.9%	111.5	2.7%	56.7%	115.4	-1.3%	54.8%
	2010	568,638	2.7%	542,497	-1.1%	-4.6%	124.1	11.3%	52.3%	108.7	-5.8%	59.7%
	2011	552,427	-2.9%	546,964	0.8%	-1.0%	114.8	-7.5%	54.9%	104.3	-4.1%	60.5%
	2012	537,115	-2.8%	540,836	-1.1%	0.7%	97.0	-15.5%	63.2%	103.3	-0.9%	59.3%
	2013	532,037	-0.9%	535,282	-1.0%	0.6%	86.7	-10.7%	70.1%	103.7	0.4%	58.6%
	2014	544,750	2.4%	542,495	1.3%	-0.4%	89.2	2.9%	69.7%	105.5	1.8%	58.9%
	2015	559,062	2.6%	548,341	1.1%	-1.9%	101.8	14.2%	62.7%	107.2	1.6%	59.6%
	2016	583,151	4.3%	571,153	4.2%	-2.1%	97.7	-4.1%	68.2%	111.7	4.3%	59.6%
Projected	2017	579,808	-0.6%	579,808	1.5%		106.5	9.0%	62.2%	113.3	1.4%	58.4%
	2018	586,440	1.1%	586,440	1.1%		107.7	1.1%	62.2%	114.5	1.1%	58.5%
	2019	591,454	0.9%	591,454	0.9%		108.5	0.8%	62.2%	115.4	0.8%	58.5%
	2020	596,176	0.8%	596,176	0.8%		109.4	0.8%	62.2%	116.3	0.8%	58.5%
	2021	600,205	0.7%	600,205	0.7%		110.1	0.6%	62.2%	117.1	0.6%	58.5%
	2022	603,720	0.6%	603,720	0.6%		110.7	0.6%	62.2%	117.8	0.6%	58.5%
	2023	607,045	0.6%	607,045	0.6%		111.3	0.5%	62.2%	118.4	0.5%	58.5%
	2024	610,164	0.5%	610,164	0.5%		111.9	0.5%	62.3%	119.0	0.5%	58.5%
	2025	613,091	0.5%	613,091	0.5%		112.4	0.5%	62.3%	119.6	0.5%	58.5%
	2026	615,785	0.4%	615,785	0.4%		112.9	0.4%	62.3%	120.1	0.4%	58.5%
	2027	618,244	0.4%	618,244	0.4%		113.3	0.4%	62.3%	120.5	0.4%	58.6%
	2028	620,503	0.4%	620,503	0.4%		113.7	0.4%	62.3%	121.0	0.4%	58.6%
	2029	622,591	0.3%	622,591	0.3%		114.1	0.3%	62.3%	121.4	0.3%	58.6%
	2030	624,516	0.3%	624,516	0.3%		114.5	0.3%	62.3%	121.7	0.3%	58.6%
	2031	626,305	0.3%	626,305	0.3%		114.8	0.3%	62.3%	122.1	0.3%	58.6%
	2032	628,019	0.3%	628,019	0.3%		115.1	0.3%	62.3%	122.4	0.3%	58.6%
	2033	629,702	0.3%	629,702	0.3%		115.4	0.3%	62.3%	122.7	0.3%	58.6%
	2034	631,364	0.3%	631,364	0.3%		115.7	0.3%	62.3%	123.1	0.3%	58.6%
	2035	633,024	0.3%	633,024	0.3%		116.0	0.3%	62.3%	123.4	0.3%	58.6%
	2036	634,638	0.3%	634,638	0.3%		116.3	0.3%	62.3%	123.7	0.3%	58.6%
CAGR ^[1]	2007-2016		-0.5%		-0.7%			-0.1%	63.0%		-0.7%	58.7%
	2017-2026		0.7%		0.7%			0.7%	62.2%		0.7%	58.5%
	2027-2036		0.3%		0.3%			0.3%	62.3%		0.3%	58.6%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - High Economic Case
Ft. Pierce
Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	90.3	98.6	92.0	91.2	99.6	110.2	116.5	118.8	113.5	108.0	91.6	83.2	98.6	118.8
	2008	108.5	87.5	84.5	88.3	108.5	116.9	113.7	110.8	109.1	95.3	85.0	76.0	108.5	116.9
	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	98.0	87.6	76.9	97.7	111.7
Projected	2017	106.5	95.4	83.0	92.2	103.3	109.5	111.1	113.3	107.3	99.3	88.6	77.7	106.5	113.3
	2018	107.7	96.5	83.9	93.2	104.4	110.7	112.3	114.5	108.5	100.4	89.3	78.3	107.7	114.5
	2019	108.5	97.3	84.6	93.9	105.2	111.6	113.2	115.4	109.4	101.2	90.0	79.0	108.5	115.4
	2020	109.4	98.0	85.2	94.7	106.1	112.5	114.1	116.3	110.2	102.0	90.6	79.5	109.4	116.3
	2021	110.1	98.7	85.8	95.3	106.7	113.2	114.9	117.1	111.0	102.7	91.1	79.9	110.1	117.1
	2022	110.7	99.2	86.3	95.8	107.4	113.9	115.5	117.8	111.6	103.3	91.6	80.4	110.7	117.8
	2023	111.3	99.8	86.7	96.4	107.9	114.5	116.1	118.4	112.2	103.8	92.0	80.8	111.3	118.4
	2024	111.9	100.3	87.2	96.8	108.5	115.0	116.7	119.0	112.8	104.3	92.5	81.1	111.9	119.0
	2025	112.4	100.7	87.6	97.3	109.0	115.6	117.3	119.6	113.3	104.8	92.9	81.5	112.4	119.6
Projected	2027	113.3	101.6	88.3	98.1	109.9	116.5	118.2	120.5	114.2	105.7	93.6	82.1	113.3	120.5
	2028	113.7	101.9	88.6	98.5	110.3	117.0	118.7	121.0	114.6	106.1	93.9	82.4	113.7	121.0
	2029	114.1	102.3	88.9	98.8	110.7	117.3	119.1	121.4	115.0	106.4	94.2	82.6	114.1	121.4
	2030	114.5	102.6	89.2	99.1	111.0	117.7	119.4	121.7	115.4	106.7	94.4	82.9	114.5	121.7
	2031	114.8	102.9	89.4	99.4	111.3	118.0	119.8	122.1	115.7	107.0	94.7	83.1	114.8	122.1
	2032	115.1	103.1	89.7	99.6	111.6	118.4	120.1	122.4	116.0	107.3	94.9	83.3	115.1	122.4
	2033	115.4	103.4	89.9	99.9	111.9	118.7	120.4	122.7	116.3	107.6	95.2	83.5	115.4	122.7
	2034	115.7	103.7	90.2	100.2	112.2	119.0	120.7	123.1	116.6	107.9	95.4	83.7	115.7	123.1
	2035	116.0	104.0	90.4	100.4	112.5	119.3	121.0	123.4	116.9	108.2	95.7	84.0	116.0	123.4
	2036	116.3	104.2	90.6	100.7	112.8	119.6	121.4	123.7	117.2	108.5	95.9	84.2	116.3	123.7

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	67.2%	61.5%	65.2%	66.9%	77.5%	68.1%	72.0%	73.6%	70.7%	71.0%	61.7%	73.3%	70.6%	58.6%
	2008	54.6%	68.9%	69.9%	68.8%	73.6%	62.4%	65.1%	68.3%	70.4%	68.4%	62.7%	72.7%	60.6%	56.2%
	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%
Projected	2016	62.4%	58.9%	64.4%	63.9%	72.8%	67.6%	76.2%	72.0%	72.1%	69.1%	65.0%	75.8%	67.7%	59.2%
	2017	55.1%	65.1%	69.2%	66.3%	73.0%	64.0%	73.0%	67.8%	68.7%	68.6%	65.3%	76.2%	62.3%	58.6%
	2018	55.4%	65.2%	69.3%	66.4%	72.9%	64.0%	72.9%	67.8%	68.6%	68.5%	65.5%	76.4%	62.3%	58.6%
	2019	55.6%	65.3%	69.3%	66.4%	72.9%	63.9%	72.8%	67.7%	68.7%	68.5%	65.5%	76.4%	62.3%	58.6%
	2020	55.6%	63.0%	69.3%	66.3%	72.9%	63.9%	72.9%	67.7%	68.7%	68.5%	65.5%	76.4%	62.3%	58.6%
	2021	55.6%	65.3%	69.3%	66.3%	72.8%	63.9%	72.9%	67.8%	68.7%	68.5%	65.5%	76.4%	62.3%	58.6%
	2022	55.7%	65.3%	69.2%	66.3%	72.8%	64.0%	72.9%	67.8%	68.7%	68.5%	65.5%	76.4%	62.3%	58.6%
	2023	55.7%	65.3%	69.2%	66.2%	72.8%	64.0%	72.9%	67.8%	68.7%	68.5%	65.5%	76.4%	62.3%	58.6%
	2024	55.7%	63.1%	69.2%	66.2%	72.8%	64.0%	73.0%	67.8%	68.8%	68.5%	65.5%	76.3%	62.3%	58.6%
Avg.	2007-2016	60.8%	63.0%	66.2%	65.6%	75.6%	66.5%	71.8%	71.0%	70.2%	66.8%	62.8%	71.9%	63.0%	58.6%
	2017-2026	55.6%	64.8%	69.2%	66.3%	72.8%	64.0%	72.9%	67.8%	68.7%	68.5%	65.5%	76.3%	62.3%	58.6%

FMPA 2017 Load Forecast - High Economic Case
Ft. Pierce
 Monthly Coincident-Peak Demand with ARP (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	90.3	98.6	78.7	89.0	99.1	108.3	116.5	116.8	111.4	101.8	90.6	80.9	98.6	116.8
	2008	107.3	81.8	82.1	85.1	108.5	107.5	96.0	110.4	98.3	88.8	83.6	76.0	107.3	110.4
	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	94.7	78.1	71.5	94.0	109.8
Projected	2017	98.0	92.7	79.5	88.6	100.1	106.3	107.0	109.1	103.0	96.0	79.0	72.3	98.0	109.1
	2018	99.1	93.7	80.4	89.5	101.2	107.4	108.2	110.3	104.2	97.1	79.6	72.8	99.1	110.3
	2019	99.9	94.5	81.0	90.2	102.0	108.3	109.0	111.2	105.0	97.9	80.2	73.4	99.9	111.2
	2020	100.7	95.2	81.6	91.0	102.8	109.1	109.9	112.1	105.8	98.6	80.7	73.9	100.7	112.1
	2021	101.3	95.8	82.2	91.5	103.5	109.8	110.6	112.8	106.5	99.3	81.2	74.3	101.3	112.8
	2022	101.9	96.4	82.6	92.1	104.1	110.5	111.2	113.4	107.1	99.8	81.6	74.7	101.9	113.4
	2023	102.5	96.9	83.1	92.6	104.6	111.1	111.8	114.0	107.7	100.4	82.1	75.1	102.5	114.0
	2024	103.0	97.4	83.5	93.0	105.2	111.6	112.4	114.6	108.2	100.9	82.4	75.4	103.0	114.6
	2025	103.5	97.9	83.9	93.5	105.7	112.2	112.9	115.2	108.8	101.4	82.8	75.8	103.5	115.2
Projected	2026	103.9	98.3	84.3	93.9	106.1	112.7	113.4	115.7	109.2	101.8	83.1	76.1	103.9	115.7
	2027	104.3	98.7	84.6	94.2	106.5	113.1	113.9	116.1	109.6	102.2	83.4	76.3	104.3	116.1
	2028	104.7	99.0	84.9	94.6	106.9	113.5	114.3	116.5	110.0	102.6	83.7	76.6	104.7	116.5
	2029	105.0	99.3	85.2	94.9	107.3	113.9	114.7	116.9	110.4	102.9	83.9	76.8	105.0	116.9
	2030	105.4	99.6	85.4	95.2	107.6	114.2	115.0	117.3	110.7	103.2	84.2	77.0	105.4	117.3
	2031	105.6	99.9	85.7	95.5	107.9	114.5	115.3	117.6	111.1	103.5	84.4	77.3	105.6	117.6
	2032	105.9	100.2	85.9	95.7	108.2	114.9	115.6	117.9	111.4	103.8	84.6	77.5	105.9	117.9
	2033	106.2	100.5	86.1	96.0	108.5	115.2	116.0	118.2	111.6	104.1	84.9	77.7	106.2	118.2
	2034	106.5	100.7	86.4	96.2	108.8	115.5	116.3	118.5	111.9	104.3	85.1	77.9	106.5	118.5
Projected	2035	106.8	101.0	86.6	96.5	109.0	115.8	116.6	118.9	112.2	104.6	85.3	78.1	106.8	118.9
	2036	107.0	101.2	86.8	96.7	109.3	116.1	116.9	119.2	112.5	104.9	85.5	78.3	107.0	119.2

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	100.0%	100.0%	85.6%	97.6%	99.5%	98.3%	100.0%	98.4%	98.1%	94.3%	98.9%	97.2%	100.0%	98.4%
	2008	98.9%	93.5%	97.2%	96.4%	100.0%	91.9%	84.4%	99.7%	90.1%	93.2%	98.3%	100.0%	98.9%	94.4%
	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%
Projected	2016	100.0%	100.0%	93.6%	95.7%	94.9%	97.3%	98.3%	97.6%	97.9%	96.7%	89.2%	93.0%	96.2%	98.3%
	2017	92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%
	2018	92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%
	2019	92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%
	2020	92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%
	2021	92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%
	2022	92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%
	2023	92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%
	2024	92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%
Projected	2025	92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%
	2026	92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%
2007-2016		95.9%	97.9%	94.8%	95.5%	97.2%	96.7%	94.8%	97.1%	95.8%	96.6%	91.8%	94.5%	99.5%	97.2%
2017-2026		92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%

FMPA 2017 Load Forecast - High Economic Case - Ft Pierce

Historical and Projected - Energy Sales by Customer Class (Fiscal Year 2007-2036)

	Fiscal Year	Residential						General Service						Residential Lights		City Lights		TOTAL SALES		DISTR. LOSSES	TOTAL NEL	
		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)	% Chg
Historical	2007	233,543		22,195		10,522		328,479		4,688		70.1		5,850		5,657		573,529		34,056	607,585	
	2008	224,017	-4.1%	23,467	5.7%	9,546	-9.3%	336,746	2.5%	5,131	9.4%	65.6	-6.3%	5,977	2.2%	5,673	0.3%	572,413	-0.2%	18,498	590,911	-2.7%
	2009	209,719	-6.4%	23,328	-0.6%	8,990	-5.8%	327,259	-2.8%	5,085	-0.9%	64.4	-1.9%	5,992	0.3%	5,717	0.8%	548,687	-4.1%	4,801	553,488	-6.3%
	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	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	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	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	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	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	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	583,151	4.3%
Projected	2017	230,928	-3.3%	23,405	0.8%	9,866	-4.0%	316,819	3.0%	5,150	1.4%	61.5	1.6%	6,030	0.0%	3,900	-2.0%	557,678	0.2%	22,130	579,808	-0.6%
	2018	234,277	1.5%	23,619	0.9%	9,919	0.5%	319,848	1.0%	5,203	1.0%	61.5	-0.1%	6,030	0.0%	3,900	0.0%	564,056	1.1%	22,384	586,440	1.1%
	2019	238,044	1.6%	23,809	0.8%	9,998	0.8%	320,929	0.3%	5,236	0.6%	61.3	-0.3%	6,030	0.0%	3,900	0.0%	568,904	0.9%	22,550	591,454	0.9%
	2020	242,121	1.7%	23,988	0.8%	10,093	1.0%	321,399	0.1%	5,264	0.5%	61.1	-0.4%	6,030	0.0%	3,900	0.0%	573,450	0.8%	22,726	596,176	0.8%
	2021	245,720	1.5%	24,162	0.7%	10,170	0.8%	321,685	0.1%	5,289	0.5%	60.8	-0.4%	6,030	0.0%	3,900	0.0%	577,334	0.7%	22,871	600,205	0.7%
	2022	248,945	1.3%	24,333	0.7%	10,231	0.6%	321,846	0.1%	5,313	0.4%	60.6	-0.4%	6,030	0.0%	3,900	0.0%	580,721	0.6%	22,999	603,720	0.6%
	2023	252,070	1.3%	24,502	0.7%	10,288	0.6%	321,924	0.0%	5,336	0.4%	60.3	-0.4%	6,030	0.0%	3,900	0.0%	583,924	0.6%	23,121	607,045	0.6%
	2024	255,124	1.2%	24,666	0.7%	10,343	0.5%	321,875	0.0%	5,357	0.4%	60.1	-0.4%	6,030	0.0%	3,900	0.0%	586,929	0.5%	23,234	610,164	0.5%
	2025	258,123	1.2%	24,829	0.7%	10,396	0.5%	321,698	-0.1%	5,376	0.4%	59.8	-0.4%	6,030	0.0%	3,900	0.0%	589,751	0.5%	23,341	613,091	0.5%
	2026	261,004	1.1%	24,990	0.6%	10,444	0.5%	321,413	-0.1%	5,394	0.3%	59.6	-0.4%	6,030	0.0%	3,900	0.0%	592,346	0.4%	23,438	615,785	0.4%
	2027	263,749	1.1%	25,150	0.6%	10,487	0.4%	321,038	-0.1%	5,411	0.3%	59.3	-0.4%	6,030	0.0%	3,900	0.0%	594,717	0.4%	23,527	618,244	0.4%
	2028	266,362	1.0%	25,307	0.6%	10,525	0.4%	320,603	-0.1%	5,427	0.3%	59.1	-0.4%	6,030	0.0%	3,900	0.0%	596,896	0.4%	23,608	620,503	0.4%
	2029	268,877	0.9%	25,460	0.6%	10,561	0.3%	320,101	-0.2%	5,441	0.3%	58.8	-0.4%	6,030	0.0%	3,900	0.0%	598,908	0.3%	23,683	622,591	0.3%
	2030	271,312	0.9%	25,608	0.6%	10,595	0.3%	319,522	-0.2%	5,455	0.3%	58.6	-0.4%	6,030	0.0%	3,900	0.0%	600,764	0.3%	23,751	624,516	0.3%
	2031	273,676	0.9%	25,752	0.6%	10,627	0.3%	318,884	-0.2%	5,468	0.2%	58.3	-0.4%	6,030	0.0%	3,900	0.0%	602,490	0.3%	23,815	626,305	0.3%
	2032	275,990	0.8%	25,892	0.5%	10,659	0.3%	318,222	-0.2%	5,481	0.2%	58.1	-0.4%	6,030	0.0%	3,900	0.0%	604,142	0.3%	23,876	628,019	0.3%
	2033	278,308	0.8%	26,031	0.5%	10,691	0.3%	317,528	-0.2%	5,493	0.2%	57.8	-0.4%	6,030	0.0%	3,900	0.0%	605,766	0.3%	23,936	629,702	0.3%
	2034	280,644	0.8%	26,168	0.5%	10,725	0.3%	316,794	-0.2%	5,505	0.2%	57.6	-0.4%	6,030	0.0%	3,900	0.0%	607,368	0.3%	23,995	631,364	0.3%
	2035	283,009	0.8%	26,307	0.5%	10,758	0.3%	316,030	-0.2%	5,516	0.2%	57.3	-0.4%	6,030	0.0%	3,900	0.0%	608,969	0.3%	24,054	633,024	0.3%
	2036	285,357	0.8%	26,445	0.5%	10,790	0.3%	315,240	-0.3%	5,526	0.2%	57.0	-0.4%	6,030	0.0%	3,900	0.0%	610,526	0.3%	24,112	634,638	0.3%
CAGR	2007-2016		0.2%		0.5%		-0.3%		-0.7%		0.9%		-1.6%		0.3%		-3.8%		-0.3%			-0.5%
	2017-2026		1.4%		0.7%		0.6%		0.2%		0.5%		-0.4%		0.0%		0.0%		0.7%			0.7%
	2027-2036		0.9%		0.6%		0.3%		-0.2%		0.2%		-0.4%		0.0%		0.0%		0.3%			0.3%

CAGR - Compound Average Growth Rate.

FMPA 2017 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)				
		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	2007	607,585	-	608,619	-	0.2%	98.6	-	109.2	-	10.8%	116.8	-	116.9		0.1%
	2008	590,911	-2.7%	587,185	-3.5%	-0.6%	107.3	8.9%	111.7	2.2%	4.1%	110.4	-5.5%	111.9	-4.3%	1.4%
	2009	553,488	-6.3%	548,748	-6.5%	-0.9%	111.5	3.9%	96.0	-14.1%	-13.9%	115.3	4.4%	107.3	-4.1%	-6.9%
	2010	568,638	2.7%	542,497	-1.1%	-4.6%	124.1	11.3%	106.5	10.9%	-14.2%	108.7	-5.7%	106.5	-0.8%	-2.1%
	2011	552,427	-2.9%	546,964	0.8%	-1.0%	114.8	-7.5%	108.0	1.5%	-5.9%	99.6	-8.4%	99.2	-6.8%	-0.4%
	2012	537,115	-2.8%	540,836	-1.1%	0.7%	97.0	-15.5%	102.1	-5.5%	5.2%	97.0	-2.6%	108.9	9.8%	12.3%
	2013	532,037	-0.9%	535,282	-1.0%	0.6%	86.7	-10.7%	79.7	-21.9%	-8.1%	100.9	4.0%	106.0	-2.7%	5.1%
	2014	544,750	2.4%	542,495	1.3%	-0.4%	89.2	2.9%	109.6	37.5%	22.9%	103.2	2.4%	101.9	-3.8%	-1.3%
	2015	559,062	2.6%	548,341	1.1%	-1.9%	101.8	14.2%	79.4	-27.6%	-22.0%	103.4	0.2%	99.9	-2.0%	-3.4%
	2016	583,151	4.3%	571,153	4.2%	-2.1%	94.0	-7.7%	93.5	17.8%	-0.5%	109.8	6.2%	106.7	6.8%	-2.8%
Projected	2017	563,446	-3.4%	563,446	-1.3%		95.0	1.0%	95.0	1.5%		105.7	-3.8%	105.7	-1.0%	
	2018			565,150	0.3%				95.4	0.5%				106.2	0.5%	
	2019			566,943	0.3%				95.7	0.3%				106.5	0.3%	
	2020			568,534	0.3%				95.9	0.3%				106.8	0.3%	
	2021			570,097	0.3%				96.2	0.3%				107.1	0.3%	
	2022			571,647	0.3%				96.5	0.3%				107.4	0.3%	
	2023			573,243	0.3%				96.7	0.3%				107.7	0.3%	
	2024			574,793	0.3%				97.0	0.3%				107.9	0.3%	
	2025			576,241	0.3%				97.2	0.2%				108.2	0.2%	
	2026			577,556	0.2%				97.4	0.2%				108.4	0.2%	
	2027			578,735	0.2%				97.6	0.2%				108.7	0.2%	
	2028			579,788	0.2%				97.8	0.2%				108.9	0.2%	
	2029			580,710	0.2%				98.0	0.2%				109.0	0.2%	
	2030			581,552	0.1%				98.1	0.1%				109.2	0.1%	
	2031			582,282	0.1%				98.2	0.1%				109.3	0.1%	
	2032			582,978	0.1%				98.3	0.1%				109.4	0.1%	
	2033			583,677	0.1%				98.4	0.1%				109.6	0.1%	
	2034			584,366	0.1%				98.6	0.1%				109.7	0.1%	
	2035			585,070	0.1%				98.7	0.1%				109.8	0.1%	
	2036			585,767	0.1%				98.8	0.1%				110.0	0.1%	
CAGR ^[3]	2007-2016		-0.5%		-0.7%			-0.5%		-1.7%			-0.7%		-1.0%	
	2017-2026				0.3%					0.3%					0.3%	
	2027-2036				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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	607,585	-	608,619	-	0.2%	98.6	-	70.4%	118.8	-	58.4%
	2008	590,911	-2.7%	587,185	-3.5%	-0.6%	108.5	10.1%	62.2%	116.9	-1.6%	57.7%
	2009	553,488	-6.3%	548,748	-6.5%	-0.9%	111.5	2.7%	56.7%	115.4	-1.3%	54.8%
	2010	568,638	2.7%	542,497	-1.1%	-4.6%	124.1	11.3%	52.3%	108.7	-5.8%	59.7%
	2011	552,427	-2.9%	546,964	0.8%	-1.0%	114.8	-7.5%	54.9%	104.3	-4.1%	60.5%
	2012	537,115	-2.8%	540,836	-1.1%	0.7%	97.0	-15.5%	63.2%	103.3	-0.9%	59.3%
	2013	532,037	-0.9%	535,282	-1.0%	0.6%	86.7	-10.7%	70.1%	103.7	0.4%	58.6%
	2014	544,750	2.4%	542,495	1.3%	-0.4%	89.2	2.9%	69.7%	105.5	1.8%	58.9%
	2015	559,062	2.6%	548,341	1.1%	-1.9%	101.8	14.2%	62.7%	107.2	1.6%	59.6%
	2016	583,151	4.3%	571,153	4.2%	-2.1%	97.7	-4.1%	68.2%	111.7	4.3%	59.6%
Projected	2017	563,446	-3.4%	563,446	-1.3%		103.2	5.6%	62.3%	109.7	-1.8%	58.6%
	2018	565,150	0.3%	565,150	0.3%		103.7	0.5%	62.2%	110.2	0.5%	58.5%
	2019	566,943	0.3%	566,943	0.3%		103.9	0.3%	62.3%	110.5	0.3%	58.6%
	2020	568,534	0.3%	568,534	0.3%		104.2	0.3%	62.3%	110.8	0.3%	58.6%
	2021	570,097	0.3%	570,097	0.3%		104.5	0.3%	62.3%	111.1	0.3%	58.6%
	2022	571,647	0.3%	571,647	0.3%		104.8	0.3%	62.3%	111.4	0.3%	58.6%
	2023	573,243	0.3%	573,243	0.3%		105.1	0.3%	62.3%	111.8	0.3%	58.6%
	2024	574,793	0.3%	574,793	0.3%		105.4	0.3%	62.3%	112.1	0.3%	58.6%
	2025	576,241	0.3%	576,241	0.3%		105.6	0.2%	62.3%	112.3	0.2%	58.6%
	2026	577,556	0.2%	577,556	0.2%		105.9	0.2%	62.3%	112.6	0.2%	58.6%
	2027	578,735	0.2%	578,735	0.2%		106.1	0.2%	62.3%	112.8	0.2%	58.6%
	2028	579,788	0.2%	579,788	0.2%		106.3	0.2%	62.3%	113.0	0.2%	58.6%
	2029	580,710	0.2%	580,710	0.2%		106.4	0.2%	62.3%	113.2	0.2%	58.6%
	2030	581,552	0.1%	581,552	0.1%		106.6	0.1%	62.3%	113.3	0.1%	58.6%
	2031	582,282	0.1%	582,282	0.1%		106.7	0.1%	62.3%	113.5	0.1%	58.6%
	2032	582,978	0.1%	582,978	0.1%		106.8	0.1%	62.3%	113.6	0.1%	58.6%
	2033	583,677	0.1%	583,677	0.1%		107.0	0.1%	62.3%	113.7	0.1%	58.6%
	2034	584,366	0.1%	584,366	0.1%		107.1	0.1%	62.3%	113.9	0.1%	58.6%
	2035	585,070	0.1%	585,070	0.1%		107.2	0.1%	62.3%	114.0	0.1%	58.6%
	2036	585,767	0.1%	585,767	0.1%		107.3	0.1%	62.3%	114.2	0.1%	58.6%
CAGR ^[1]	2007-2016		-0.5%		-0.7%			-0.1%	63.0%		-0.7%	58.7%
	2017-2026		0.3%		0.3%			0.3%	62.3%		0.3%	58.6%
	2027-2036		0.1%		0.1%			0.1%	62.3%		0.1%	58.6%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Mild Weather Case
Ft. Pierce
Monthly Net Energy for Load (MWh)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2007	45,132	40,716	44,593	45,380	51,887	55,823	60,419	64,999	57,795	57,043	42,049	43,908	609,742	607,585
	2008	44,044	41,950	43,909	45,244	53,619	54,268	53,286	56,303	55,288	48,457	39,651	39,759	575,777	590,911
	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	50,368	42,391	41,023	578,364	583,151
Projected	2017	40,623	38,714	41,421	45,381	50,486	51,281	56,138	54,732	50,888	49,348	42,756	41,361	563,130	563,446
	2018	40,986	38,935	41,627	45,608	50,684	51,451	56,340	54,976	51,078	49,576	42,978	41,575	565,813	565,150
	2019	41,204	39,070	41,762	45,740	50,805	51,553	56,402	55,048	51,230	49,719	43,095	41,682	567,310	566,943
	2020	41,313	39,168	41,866	45,859	50,942	51,706	56,576	55,219	51,388	49,865	43,213	41,789	568,906	568,534
	2021	41,420	39,265	41,968	45,974	51,075	51,855	56,744	55,385	51,542	50,008	43,328	41,892	570,458	570,097
	2022	41,525	39,359	42,067	46,088	51,208	52,005	56,914	55,554	51,699	50,154	43,448	42,001	572,021	571,647
	2023	41,634	39,458	42,171	46,206	51,344	52,158	57,087	55,725	51,858	50,301	43,566	42,107	573,614	573,243
	2024	41,741	39,553	42,270	46,319	51,475	52,306	57,255	55,891	52,010	50,440	43,677	42,206	575,143	574,793
	2025	41,840	39,641	42,362	46,424	51,596	52,445	57,412	56,046	52,152	50,570	43,780	42,296	576,563	576,241
	2026	41,931	39,720	42,444	46,518	51,705	52,571	57,554	56,186	52,281	50,687	43,871	42,374	577,842	577,556
Projected	2027	42,010	39,789	42,515	46,601	51,802	52,686	57,684	56,315	52,400	50,794	43,955	42,447	578,998	578,735
	2028	42,083	39,851	42,579	46,674	51,888	52,787	57,800	56,428	52,503	50,886	44,025	42,506	580,011	579,788
	2029	42,143	39,903	42,632	46,737	51,963	52,878	57,904	56,533	52,599	50,972	44,091	42,562	580,917	580,710
	2030	42,200	39,950	42,680	46,794	52,030	52,961	58,000	56,627	52,686	51,048	44,147	42,607	581,730	581,552
	2031	42,246	39,989	42,720	46,841	52,088	53,034	58,085	56,713	52,764	51,116	44,198	42,649	582,443	582,282
	2032	42,289	40,025	42,756	46,886	52,143	53,106	58,170	56,798	52,842	51,186	44,250	42,692	583,143	582,978
	2033	42,334	40,061	42,793	46,931	52,199	53,177	58,253	56,881	52,919	51,254	44,300	42,732	583,834	583,677
	2034	42,376	40,096	42,829	46,975	52,253	53,249	58,338	56,967	52,998	51,323	44,352	42,773	584,529	584,366
	2035	42,419	40,132	42,865	47,020	52,309	53,322	58,424	57,054	53,078	51,393	44,403	42,815	585,234	585,070
	2036	42,463	40,167	42,901	47,064	52,364	53,394	58,508	57,139	53,156	51,461	44,453	42,855	585,925	585,767

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2007	7.4%	6.7%	7.3%	7.4%	8.5%	9.2%	9.9%	10.7%	9.5%	9.4%	6.9%	7.2%	100.0%
	2008	7.6%	7.3%	7.6%	7.9%	9.3%	9.4%	9.3%	9.8%	9.6%	8.4%	6.9%	6.9%	100.0%
	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	7.0%	6.7%	7.5%	7.6%	8.6%	9.4%	10.6%	10.2%	9.4%	8.7%	7.3%	7.1%	100.0%
Projected	2017	7.2%	6.9%	7.4%	8.1%	9.0%	9.1%	10.0%	9.7%	9.0%	8.8%	7.6%	7.3%	100.0%
	2018	7.2%	6.9%	7.4%	8.1%	9.0%	9.1%	10.0%	9.7%	9.0%	8.8%	7.6%	7.3%	100.0%
	2019	7.3%	6.9%	7.4%	8.1%	9.0%	9.1%	9.9%	9.7%	9.0%	8.8%	7.6%	7.3%	100.0%
	2020	7.3%	6.9%	7.4%	8.1%	9.0%	9.1%	9.9%	9.7%	9.0%	8.8%	7.6%	7.3%	100.0%
	2021	7.3%	6.9%	7.4%	8.1%	9.0%	9.1%	9.9%	9.7%	9.0%	8.8%	7.6%	7.3%	100.0%
	2022	7.3%	6.9%	7.4%	8.1%	9.0%	9.1%	9.9%	9.7%	9.0%	8.8%	7.6%	7.3%	100.0%
	2023	7.3%	6.9%	7.4%	8.1%	9.0%	9.1%	10.0%	9.7%	9.0%	8.8%	7.6%	7.3%	100.0%
	2024	7.3%	6.9%	7.3%	8.1%	8.9%	9.1%	10.0%	9.7%	9.0%	8.8%	7.6%	7.3%	100.0%
	2025	7.3%	6.9%	7.3%	8.1%	8.9%	9.1%	10.0%	9.7%	9.0%	8.8%	7.6%	7.3%	100.0%
	2026	7.3%	6.9%	7.3%	8.1%	8.9%	9.1%	10.0%	9.7%	9.0%	8.8%	7.6%	7.3%	100.0%
Avg.	2007-2016	7.5%	6.8%	7.4%	7.7%	8.8%	9.4%	9.9%	10.1%	9.3%	8.6%	7.2%	7.3%	100.0%
	2017-2026	7.3%	6.9%	7.4%	8.1%	9.0%	9.1%	10.0%	9.7%	9.0%	8.8%	7.6%	7.3%	100.0%

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FMPA 2017 Load Forecast - Mild Weather Case
Ft. Pierce
 Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	90.3	98.6	92.0	91.2	99.6	110.2	116.5	118.8	113.5	108.0	91.6	83.2	98.6	118.8
	2008	108.5	87.5	84.5	88.3	108.5	116.9	113.7	110.8	109.1	95.3	85.0	76.0	108.5	116.9
	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	98.0	84.9	74.5	97.7	111.7
Projected	2017	103.2	92.5	80.4	89.3	100.0	106.1	107.6	109.7	104.0	96.2	85.3	74.8	103.2	109.7
	2018	103.7	92.9	80.8	89.7	100.5	106.6	108.1	110.2	104.5	96.7	85.5	75.0	103.7	110.2
	2019	103.9	93.1	81.0	90.0	100.8	106.9	108.4	110.5	104.7	96.9	85.7	75.2	103.9	110.5
	2020	104.2	93.4	81.2	90.2	101.1	107.2	108.7	110.8	105.0	97.2	86.0	75.4	104.2	110.8
	2021	104.5	93.7	81.4	90.5	101.3	107.5	109.0	111.1	105.3	97.5	86.2	75.6	104.5	111.1
	2022	104.8	93.9	81.6	90.7	101.6	107.8	109.3	111.4	105.6	97.7	86.4	75.9	104.8	111.4
	2023	105.1	94.2	81.9	91.0	101.9	108.1	109.6	111.8	105.9	98.0	86.7	76.1	105.1	111.8
	2024	105.4	94.4	82.1	91.2	102.2	108.3	109.9	112.1	106.2	98.3	86.9	76.2	105.4	112.1
	2025	105.6	94.7	82.3	91.4	102.4	108.6	110.2	112.3	106.5	98.5	87.1	76.4	105.6	112.3
Projected	2026	105.9	94.9	82.5	91.6	102.6	108.8	110.4	112.6	106.7	98.7	87.3	76.6	105.9	112.6
	2027	106.1	95.1	82.6	91.8	102.8	109.1	110.7	112.8	106.9	98.9	87.4	76.7	106.1	112.8
	2028	106.3	95.2	82.8	92.0	103.0	109.3	110.9	113.0	107.1	99.1	87.5	76.8	106.3	113.0
	2029	106.4	95.4	82.9	92.1	103.2	109.4	111.0	113.2	107.3	99.2	87.7	76.9	106.4	113.2
	2030	106.6	95.5	83.0	92.2	103.3	109.6	111.2	113.3	107.4	99.4	87.8	77.0	106.6	113.3
	2031	106.7	95.6	83.1	92.4	103.5	109.7	111.3	113.5	107.5	99.5	87.9	77.1	106.7	113.5
	2032	106.8	95.7	83.2	92.5	103.6	109.8	111.5	113.6	107.7	99.6	88.0	77.2	106.8	113.6
	2033	107.0	95.9	83.3	92.6	103.7	110.0	111.6	113.7	107.8	99.7	88.1	77.3	107.0	113.7
	2034	107.1	96.0	83.4	92.7	103.8	110.1	111.7	113.9	107.9	99.9	88.2	77.4	107.1	113.9
Projected	2035	107.2	96.1	83.5	92.8	104.0	110.2	111.9	114.0	108.1	100.0	88.3	77.5	107.2	114.0
	2036	107.3	96.2	83.6	92.9	104.1	110.4	112.0	114.2	108.2	100.1	88.4	77.6	107.3	114.2

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	67.2%	61.5%	65.2%	66.9%	77.5%	68.1%	72.0%	73.6%	70.7%	71.0%	61.7%	73.3%	70.6%	58.6%
	2008	54.6%	68.9%	69.9%	68.8%	73.6%	62.4%	65.1%	68.3%	70.4%	68.4%	62.7%	72.7%	60.6%	56.2%
	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%
Projected	2016	62.4%	58.9%	64.4%	63.9%	72.8%	67.6%	76.2%	72.0%	72.1%	69.1%	67.1%	76.5%	67.6%	59.1%
	2017	52.9%	62.3%	69.3%	68.3%	75.1%	65.0%	72.4%	67.1%	68.0%	68.9%	67.4%	76.8%	62.3%	58.6%
	2018	53.1%	62.4%	69.3%	68.3%	75.0%	64.9%	72.4%	67.0%	67.9%	68.9%	67.6%	77.0%	62.3%	58.6%
	2019	53.3%	62.4%	69.3%	68.3%	75.0%	64.8%	72.2%	66.9%	67.9%	69.0%	67.6%	76.9%	62.3%	58.6%
	2020	53.3%	60.3%	69.3%	68.3%	75.0%	64.9%	72.3%	67.0%	67.9%	69.0%	67.6%	76.9%	62.3%	58.6%
	2021	53.3%	62.4%	69.3%	68.3%	75.0%	64.9%	72.3%	67.0%	68.0%	69.0%	67.6%	76.9%	62.3%	58.6%
	2022	53.3%	62.4%	69.3%	68.3%	75.0%	64.9%	72.3%	67.0%	68.0%	69.0%	67.6%	76.9%	62.3%	58.6%
	2023	53.3%	62.3%	69.2%	68.3%	75.0%	64.9%	72.3%	67.0%	68.0%	69.0%	67.6%	76.9%	62.3%	58.6%
	2024	53.2%	60.2%	69.2%	68.3%	75.0%	64.9%	72.3%	67.0%	68.0%	69.0%	67.6%	76.9%	62.3%	58.6%
Avg.	2025	53.2%	62.3%	69.2%	68.2%	75.0%	64.9%	72.4%	67.1%	68.0%	69.0%	67.6%	76.9%	62.3%	58.6%
	2026	53.2%	62.3%	69.2%	68.2%	75.0%	64.9%	72.4%	67.1%	68.1%	69.0%	67.6%	76.9%	62.3%	58.6%
	2007-2016	60.8%	63.0%	66.2%	65.6%	75.0%	66.5%	71.8%	71.0%	70.2%	66.8%	63.0%	71.9%	63.0%	58.6%
Avg.	2017-2026	53.2%	61.9%	69.2%	68.3%	75.0%	64.9%	72.3%	67.0%	68.0%	69.0%	67.6%	76.9%	62.3%	58.6%

FMPA 2017 Load Forecast - Mild Weather Case
Ft. Pierce
 Monthly Coincident-Peak Demand with ARP (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	90.3	98.6	78.7	89.0	99.1	108.3	116.5	116.8	111.4	101.8	90.6	80.9	98.6	116.8
	2008	107.3	81.8	82.1	85.1	108.5	107.5	96.0	110.4	98.3	88.8	83.6	76.0	107.3	110.4
	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	94.7	75.7	69.2	94.0	109.8
Projected	2017	95.0	89.8	77.0	85.8	97.0	102.9	103.6	105.7	99.8	93.0	76.0	69.6	95.0	105.7
	2018	95.4	90.2	77.4	86.2	97.4	103.4	104.1	106.2	100.3	93.5	76.2	69.8	95.4	106.2
	2019	95.7	90.5	77.6	86.4	97.7	103.7	104.4	106.5	100.5	93.7	76.4	69.9	95.7	106.5
	2020	95.9	90.7	77.8	86.7	98.0	104.0	104.7	106.8	100.8	94.0	76.6	70.1	95.9	106.8
	2021	96.2	91.0	78.0	86.9	98.2	104.3	105.0	107.1	101.1	94.2	76.8	70.3	96.2	107.1
	2022	96.5	91.2	78.2	87.1	98.5	104.6	105.3	107.4	101.4	94.5	77.1	70.5	96.5	107.4
	2023	96.7	91.5	78.4	87.4	98.8	104.9	105.6	107.7	101.7	94.8	77.3	70.7	96.7	107.7
	2024	97.0	91.7	78.6	87.6	99.0	105.1	105.9	107.9	101.9	95.0	77.5	70.9	97.0	107.9
	2025	97.2	91.9	78.8	87.8	99.3	105.4	106.1	108.2	102.2	95.2	77.6	71.0	97.2	108.2
Projected	2026	97.4	92.1	79.0	88.0	99.5	105.6	106.4	108.4	102.4	95.5	77.8	71.2	97.4	108.4
	2027	97.6	92.3	79.2	88.2	99.7	105.8	106.6	108.7	102.6	95.6	77.9	71.3	97.6	108.7
	2028	97.8	92.5	79.3	88.4	99.9	106.0	106.8	108.9	102.8	95.8	78.0	71.4	97.8	108.9
	2029	98.0	92.6	79.4	88.5	100.0	106.2	106.9	109.0	103.0	96.0	78.2	71.5	98.0	109.0
	2030	98.1	92.8	79.5	88.6	100.2	106.3	107.1	109.2	103.1	96.1	78.2	71.6	98.1	109.2
	2031	98.2	92.9	79.6	88.7	100.3	106.5	107.2	109.3	103.2	96.2	78.3	71.7	98.2	109.3
	2032	98.3	93.0	79.7	88.8	100.4	106.6	107.3	109.4	103.4	96.3	78.4	71.8	98.3	109.4
	2033	98.4	93.1	79.8	88.9	100.5	106.7	107.5	109.6	103.5	96.4	78.5	71.9	98.4	109.6
	2034	98.6	93.2	79.9	89.0	100.6	106.9	107.6	109.7	103.6	96.6	78.6	72.0	98.6	109.7
	2035	98.7	93.3	80.0	89.2	100.8	107.0	107.7	109.8	103.7	96.7	78.7	72.0	98.7	109.8
	2036	98.8	93.4	80.1	89.3	100.9	107.1	107.8	110.0	103.8	96.8	78.8	72.1	98.8	110.0

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	100.0%	100.0%	85.6%	97.6%	99.5%	98.3%	100.0%	98.4%	98.1%	94.3%	98.9%	97.2%	100.0%	98.4%
	2008	98.9%	93.5%	97.2%	96.4%	100.0%	91.9%	84.4%	99.7%	90.1%	93.2%	98.3%	100.0%	98.9%	94.4%
	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%	96.7%	89.2%	93.0%	96.2%	98.3%
Projected	2017	92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%
	2018	92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%
	2019	92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%
	2020	92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%
	2021	92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%
	2022	92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%
	2023	92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%
	2024	92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%
	2025	92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%
	2026	92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%
2007-2016		95.9%	97.9%	94.8%	95.5%	97.2%	96.7%	94.8%	97.1%	95.8%	96.6%	91.8%	94.5%	99.5%	97.2%
2017-2026		92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%

FMPA 2017 Load Forecast - Mild Weather Case - Ft Pierce

Historical and Projected - Energy Sales by Customer Class
(Fiscal Year 2007-2036)

	Fiscal Year	Residential						General Service						Residential Lights		City Lights		TOTAL SALES		DISTR. LOSSES	TOTAL NEL	
		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)	% Chg
Historical	2007	233,543		22,195		10,522		328,479		4,688		70.1		5,850		5,657		573,529		34,056	607,585	
	2008	224,017	-4.1%	23,467	5.7%	9,546	-9.3%	336,746	2.5%	5,131	9.4%	65.6	-6.3%	5,977	2.2%	5,673	0.3%	572,413	-0.2%	18,498	590,911	-2.7%
	2009	209,719	-6.4%	23,328	-0.6%	8,990	-5.8%	327,259	-2.8%	5,085	-0.9%	64.4	-1.9%	5,992	0.3%	5,717	0.8%	548,687	-4.1%	4,801	553,488	-6.3%
	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	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	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	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	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	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	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	583,151	4.3%
Projected	2017	217,695	-8.8%	23,368	0.6%	9,316	-9.4%	314,227	2.1%	5,140	1.1%	61.1	1.0%	6,030	0.0%	3,900	-2.0%	541,852	-2.6%	21,594	563,446	-3.4%
	2018	218,332	0.3%	23,481	0.5%	9,298	-0.2%	315,175	0.3%	5,168	0.5%	61.0	-0.2%	6,030	0.0%	3,900	0.0%	543,437	0.3%	21,714	565,150	0.3%
	2019	219,780	0.7%	23,605	0.5%	9,311	0.1%	315,470	0.1%	5,190	0.4%	60.8	-0.3%	6,030	0.0%	3,900	0.0%	545,180	0.3%	21,763	566,943	0.3%
	2020	221,373	0.7%	23,732	0.5%	9,328	0.2%	315,409	0.0%	5,211	0.4%	60.5	-0.4%	6,030	0.0%	3,900	0.0%	546,712	0.3%	21,822	568,534	0.3%
	2021	222,985	0.7%	23,856	0.5%	9,347	0.2%	315,303	0.0%	5,230	0.4%	60.3	-0.4%	6,030	0.0%	3,900	0.0%	548,218	0.3%	21,880	570,097	0.3%
	2022	224,609	0.7%	23,983	0.5%	9,366	0.2%	315,170	0.0%	5,250	0.4%	60.0	-0.4%	6,030	0.0%	3,900	0.0%	549,710	0.3%	21,937	571,647	0.3%
	2023	226,290	0.7%	24,110	0.5%	9,386	0.2%	315,027	0.0%	5,269	0.4%	59.8	-0.4%	6,030	0.0%	3,900	0.0%	551,247	0.3%	21,996	573,243	0.3%
	2024	228,004	0.8%	24,236	0.5%	9,408	0.2%	314,806	-0.1%	5,287	0.3%	59.5	-0.4%	6,030	0.0%	3,900	0.0%	552,740	0.3%	22,053	574,793	0.3%
	2025	229,712	0.7%	24,359	0.5%	9,430	0.2%	314,493	-0.1%	5,304	0.3%	59.3	-0.4%	6,030	0.0%	3,900	0.0%	554,135	0.3%	22,106	576,241	0.3%
	2026	231,365	0.7%	24,482	0.5%	9,450	0.2%	314,107	-0.1%	5,320	0.3%	59.0	-0.4%	6,030	0.0%	3,900	0.0%	555,402	0.2%	22,153	577,556	0.2%
	2027	232,954	0.7%	24,607	0.5%	9,467	0.2%	313,655	-0.1%	5,336	0.3%	58.8	-0.4%	6,030	0.0%	3,900	0.0%	556,539	0.2%	22,196	578,735	0.2%
	2028	234,461	0.6%	24,730	0.5%	9,481	0.1%	313,164	-0.2%	5,350	0.3%	58.5	-0.4%	6,030	0.0%	3,900	0.0%	557,555	0.2%	22,233	579,788	0.2%
	2029	235,890	0.6%	24,847	0.5%	9,494	0.1%	312,625	-0.2%	5,364	0.3%	58.3	-0.4%	6,030	0.0%	3,900	0.0%	558,444	0.2%	22,266	580,710	0.2%
	2030	237,305	0.6%	24,964	0.5%	9,506	0.1%	312,021	-0.2%	5,377	0.2%	58.0	-0.4%	6,030	0.0%	3,900	0.0%	559,257	0.1%	22,296	581,552	0.1%
	2031	238,660	0.6%	25,076	0.4%	9,518	0.1%	311,371	-0.2%	5,390	0.2%	57.8	-0.4%	6,030	0.0%	3,900	0.0%	559,961	0.1%	22,321	582,282	0.1%
	2032	239,990	0.6%	25,184	0.4%	9,529	0.1%	310,713	-0.2%	5,402	0.2%	57.5	-0.4%	6,030	0.0%	3,900	0.0%	560,632	0.1%	22,346	582,978	0.1%
	2033	241,344	0.6%	25,292	0.4%	9,542	0.1%	310,033	-0.2%	5,414	0.2%	57.3	-0.4%	6,030	0.0%	3,900	0.0%	561,307	0.1%	22,370	583,677	0.1%
	2034	242,719	0.6%	25,398	0.4%	9,557	0.2%	309,323	-0.2%	5,425	0.2%	57.0	-0.4%	6,030	0.0%	3,900	0.0%	561,972	0.1%	22,394	584,366	0.1%
	2035	244,131	0.6%	25,506	0.4%	9,572	0.2%	308,591	-0.2%	5,437	0.2%	56.8	-0.4%	6,030	0.0%	3,900	0.0%	562,651	0.1%	22,419	585,070	0.1%
	2036	245,554	0.6%	25,615	0.4%	9,586	0.2%	307,840	-0.2%	5,447	0.2%	56.5	-0.4%	6,030	0.0%	3,900	0.0%	563,324	0.1%	22,443	585,767	0.1%
CAGR	2007-2016		0.2%		0.5%		-0.3%		-0.7%		0.9%		-1.6%		0.3%		-3.8%		-0.3%			-0.5%
	2017-2026		0.7%		0.5%		0.2%		0.0%		0.4%		-0.4%		0.0%		0.0%		0.3%			0.3%
	2027-2036		0.6%		0.4%		0.1%		-0.2%		0.2%		-0.4%		0.0%		0.0%		0.1%			0.1%

CAGR - Compound Average Growth Rate.

FMPA 2017 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)				
		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	2007	607,585	-	608,619	-	0.2%	98.6	-	109.2	-	10.8%	116.8	-	116.9		0.1%
	2008	590,911	-2.7%	587,185	-3.5%	-0.6%	107.3	8.9%	111.7	2.2%	4.1%	110.4	-5.5%	111.9	-4.3%	1.4%
	2009	553,488	-6.3%	548,748	-6.5%	-0.9%	111.5	3.9%	96.0	-14.1%	-13.9%	115.3	4.4%	107.3	-4.1%	-6.9%
	2010	568,638	2.7%	542,497	-1.1%	-4.6%	124.1	11.3%	106.5	10.9%	-14.2%	108.7	-5.7%	106.5	-0.8%	-2.1%
	2011	552,427	-2.9%	546,964	0.8%	-1.0%	114.8	-7.5%	108.0	1.5%	-5.9%	99.6	-8.4%	99.2	-6.8%	-0.4%
	2012	537,115	-2.8%	540,836	-1.1%	0.7%	97.0	-15.5%	102.1	-5.5%	5.2%	97.0	-2.6%	108.9	9.8%	12.3%
	2013	532,037	-0.9%	535,282	-1.0%	0.6%	86.7	-10.7%	79.7	-21.9%	-8.1%	100.9	4.0%	106.0	-2.7%	5.1%
	2014	544,750	2.4%	542,495	1.3%	-0.4%	89.2	2.9%	109.6	37.5%	22.9%	103.2	2.4%	101.9	-3.8%	-1.3%
	2015	559,062	2.6%	548,341	1.1%	-1.9%	101.8	14.2%	79.4	-27.6%	-22.0%	103.4	0.2%	99.9	-2.0%	-3.4%
	2016	583,151	4.3%	571,153	4.2%	-2.1%	94.0	-7.7%	93.5	17.8%	-0.5%	109.8	6.2%	106.7	6.8%	-2.8%
Projected	2017	595,103	2.0%	595,103	4.2%		100.6	7.0%	100.6	7.6%		112.0	1.9%	112.0	4.9%	
	2018			599,063	0.7%				101.1	0.5%				112.5	0.5%	
	2019			601,044	0.3%				101.4	0.3%				112.8	0.3%	
	2020			602,850	0.3%				101.7	0.3%				113.2	0.3%	
	2021			604,629	0.3%				102.0	0.3%				113.5	0.3%	
	2022			606,396	0.3%				102.3	0.3%				113.8	0.3%	
	2023			608,218	0.3%				102.6	0.3%				114.2	0.3%	
	2024			609,996	0.3%				102.9	0.3%				114.5	0.3%	
	2025			611,671	0.3%				103.2	0.3%				114.8	0.3%	
	2026			613,203	0.3%				103.4	0.2%				115.1	0.2%	
	2027			614,591	0.2%				103.6	0.2%				115.4	0.2%	
	2028			615,842	0.2%				103.8	0.2%				115.6	0.2%	
	2029			616,949	0.2%				104.0	0.2%				115.8	0.2%	
	2030			617,975	0.2%				104.2	0.2%				116.0	0.2%	
	2031			618,879	0.1%				104.3	0.1%				116.1	0.1%	
	2032			619,745	0.1%				104.5	0.1%				116.3	0.1%	
	2033			620,617	0.1%				104.6	0.1%				116.5	0.1%	
	2034			621,482	0.1%				104.8	0.1%				116.6	0.1%	
	2035			622,367	0.1%				104.9	0.1%				116.8	0.1%	
	2036			623,246	0.1%				105.1	0.1%				117.0	0.1%	
CAGR ^[3]	2007-2016		-0.5%		-0.7%			-0.5%		-1.7%			-0.7%		-1.0%	
	2017-2026				0.3%					0.3%					0.3%	
	2027-2036				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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	607,585	-	608,619	-	0.2%	98.6	-	70.4%	118.8	-	58.4%
	2008	590,911	-2.7%	587,185	-3.5%	-0.6%	108.5	10.1%	62.2%	116.9	-1.6%	57.7%
	2009	553,488	-6.3%	548,748	-6.5%	-0.9%	111.5	2.7%	56.7%	115.4	-1.3%	54.8%
	2010	568,638	2.7%	542,497	-1.1%	-4.6%	124.1	11.3%	52.3%	108.7	-5.8%	59.7%
	2011	552,427	-2.9%	546,964	0.8%	-1.0%	114.8	-7.5%	54.9%	104.3	-4.1%	60.5%
	2012	537,115	-2.8%	540,836	-1.1%	0.7%	97.0	-15.5%	63.2%	103.3	-0.9%	59.3%
	2013	532,037	-0.9%	535,282	-1.0%	0.6%	86.7	-10.7%	70.1%	103.7	0.4%	58.6%
	2014	544,750	2.4%	542,495	1.3%	-0.4%	89.2	2.9%	69.7%	105.5	1.8%	58.9%
	2015	559,062	2.6%	548,341	1.1%	-1.9%	101.8	14.2%	62.7%	107.2	1.6%	59.6%
	2016	583,151	4.3%	571,153	4.2%	-2.1%	97.7	-4.1%	68.2%	111.7	4.3%	59.6%
Projected	2017	595,103	2.0%	595,103	4.2%		109.3	11.9%	62.2%	116.2	4.0%	58.4%
	2018	599,063	0.7%	599,063	0.7%		109.8	0.5%	62.3%	116.8	0.5%	58.5%
	2019	601,044	0.3%	601,044	0.3%		110.1	0.3%	62.3%	117.1	0.3%	58.6%
	2020	602,850	0.3%	602,850	0.3%		110.5	0.3%	62.3%	117.5	0.3%	58.6%
	2021	604,629	0.3%	604,629	0.3%		110.8	0.3%	62.3%	117.8	0.3%	58.6%
	2022	606,396	0.3%	606,396	0.3%		111.1	0.3%	62.3%	118.2	0.3%	58.6%
	2023	608,218	0.3%	608,218	0.3%		111.5	0.3%	62.3%	118.5	0.3%	58.6%
	2024	609,996	0.3%	609,996	0.3%		111.8	0.3%	62.3%	118.9	0.3%	58.6%
	2025	611,671	0.3%	611,671	0.3%		112.1	0.3%	62.3%	119.2	0.3%	58.6%
	2026	613,203	0.3%	613,203	0.3%		112.4	0.2%	62.3%	119.5	0.2%	58.6%
	2027	614,591	0.2%	614,591	0.2%		112.6	0.2%	62.3%	119.8	0.2%	58.6%
	2028	615,842	0.2%	615,842	0.2%		112.8	0.2%	62.3%	120.0	0.2%	58.6%
	2029	616,949	0.2%	616,949	0.2%		113.0	0.2%	62.3%	120.2	0.2%	58.6%
	2030	617,975	0.2%	617,975	0.2%		113.2	0.2%	62.3%	120.4	0.2%	58.6%
	2031	618,879	0.1%	618,879	0.1%		113.4	0.1%	62.3%	120.6	0.1%	58.6%
	2032	619,745	0.1%	619,745	0.1%		113.5	0.1%	62.3%	120.7	0.1%	58.6%
	2033	620,617	0.1%	620,617	0.1%		113.7	0.1%	62.3%	120.9	0.1%	58.6%
	2034	621,482	0.1%	621,482	0.1%		113.8	0.1%	62.3%	121.1	0.1%	58.6%
	2035	622,367	0.1%	622,367	0.1%		114.0	0.1%	62.3%	121.3	0.1%	58.6%
	2036	623,246	0.1%	623,246	0.1%		114.2	0.1%	62.3%	121.4	0.1%	58.6%
CAGR ^[1]	2007-2016		-0.5%		-0.7%			-0.1%	63.0%		-0.7%	58.7%
	2017-2026		0.3%		0.3%			0.3%	62.3%		0.3%	58.6%
	2027-2036		0.2%		0.2%			0.2%	62.3%		0.2%	58.6%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Severe Weather Case

Ft. Pierce

Monthly Net Energy for Load (MWh)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2007	45,132	40,716	44,593	45,380	51,887	55,823	60,419	64,999	57,795	57,043	42,049	43,908	609,742	607,585
	2008	44,044	41,950	43,909	45,244	53,619	54,268	53,286	56,303	55,288	48,457	39,651	39,759	575,777	590,911
	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	50,368	42,391	43,000	580,341	583,151
Projected	2017	47,309	45,282	43,980	45,381	50,486	52,708	60,277	59,102	54,820	51,370	42,756	43,359	596,829	595,103
	2018	47,744	45,560	44,208	45,608	50,684	52,884	60,495	59,364	55,030	51,608	42,978	43,586	599,749	599,063
	2019	48,006	45,738	44,360	45,740	50,805	52,993	60,574	59,455	55,202	51,761	43,095	43,707	601,436	601,044
	2020	48,164	45,885	44,483	45,859	50,942	53,155	60,769	59,649	55,382	51,918	43,213	43,829	603,247	602,850
	2021	48,321	46,030	44,604	45,974	51,075	53,311	60,959	59,839	55,556	52,070	43,328	43,947	605,015	604,629
	2022	48,476	46,174	44,722	46,088	51,208	53,469	61,151	60,031	55,734	52,226	43,448	44,070	606,796	606,396
	2023	48,637	46,323	44,845	46,206	51,344	53,630	61,347	60,226	55,915	52,384	43,566	44,192	608,615	608,218
	2024	48,797	46,470	44,965	46,319	51,475	53,786	61,537	60,416	56,089	52,534	43,677	44,307	610,372	609,996
	2025	48,949	46,610	45,077	46,424	51,596	53,933	61,717	60,594	56,252	52,674	43,780	44,412	612,018	611,671
Projected	2026	49,091	46,740	45,179	46,518	51,705	54,067	61,881	60,757	56,401	52,800	43,871	44,505	613,514	613,203
	2027	49,221	46,858	45,269	46,601	51,802	54,188	62,031	60,907	56,538	52,916	43,955	44,592	614,877	614,591
	2028	49,341	46,966	45,351	46,674	51,888	54,296	62,165	61,040	56,659	53,016	44,025	44,664	616,086	615,842
	2029	49,446	47,061	45,421	46,737	51,963	54,393	62,287	61,164	56,772	53,110	44,091	44,733	617,178	616,949
	2030	49,546	47,152	45,486	46,794	52,030	54,483	62,400	61,276	56,874	53,193	44,147	44,791	618,172	617,975
	2031	49,636	47,232	45,541	46,841	52,088	54,562	62,501	61,379	56,968	53,269	44,198	44,845	619,059	618,879
	2032	49,719	47,308	45,593	46,886	52,143	54,639	62,601	61,481	57,062	53,346	44,250	44,900	619,929	619,745
	2033	49,806	47,385	45,646	46,931	52,199	54,716	62,701	61,582	57,154	53,421	44,300	44,953	620,794	620,617
	2034	49,890	47,462	45,698	46,975	52,253	54,794	62,803	61,685	57,249	53,498	44,352	45,007	621,665	621,482
	2035	49,977	47,540	45,751	47,020	52,309	54,873	62,905	61,790	57,345	53,575	44,403	45,062	622,551	622,367
	2036	50,065	47,619	45,804	47,064	52,364	54,951	63,007	61,893	57,439	53,651	44,453	45,115	623,424	623,246

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2007	7.4%	6.7%	7.3%	7.4%	8.5%	9.2%	9.9%	10.7%	9.5%	9.4%	6.9%	7.2%	100.0%
	2008	7.6%	7.3%	7.6%	7.9%	9.3%	9.4%	9.3%	9.8%	9.6%	8.4%	6.9%	6.9%	100.0%
	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	7.0%	6.6%	7.4%	7.6%	8.5%	9.3%	10.6%	10.2%	9.3%	8.7%	7.3%	7.4%	100.0%
Projected	2017	7.9%	7.6%	7.4%	7.6%	8.5%	8.8%	10.1%	9.9%	9.2%	8.6%	7.2%	7.3%	100.0%
	2018	8.0%	7.6%	7.4%	7.6%	8.5%	8.8%	10.1%	9.9%	9.2%	8.6%	7.2%	7.3%	100.0%
	2019	8.0%	7.6%	7.4%	7.6%	8.4%	8.8%	10.1%	9.9%	9.2%	8.6%	7.2%	7.3%	100.0%
	2020	8.0%	7.6%	7.4%	7.6%	8.4%	8.8%	10.1%	9.9%	9.2%	8.6%	7.2%	7.3%	100.0%
	2021	8.0%	7.6%	7.4%	7.6%	8.4%	8.8%	10.1%	9.9%	9.2%	8.6%	7.2%	7.3%	100.0%
	2022	8.0%	7.6%	7.4%	7.6%	8.4%	8.8%	10.1%	9.9%	9.2%	8.6%	7.2%	7.3%	100.0%
	2023	8.0%	7.6%	7.4%	7.6%	8.4%	8.8%	10.1%	9.9%	9.2%	8.6%	7.2%	7.3%	100.0%
	2024	8.0%	7.6%	7.4%	7.6%	8.4%	8.8%	10.1%	9.9%	9.2%	8.6%	7.2%	7.3%	100.0%
	2025	8.0%	7.6%	7.4%	7.6%	8.4%	8.8%	10.1%	9.9%	9.2%	8.6%	7.2%	7.3%	100.0%
Avg.	2007-2016	7.5%	6.8%	7.4%	7.7%	8.8%	9.4%	9.9%	10.1%	9.3%	8.6%	7.2%	7.4%	100.0%
	2017-2026	8.0%	7.6%	7.4%	7.6%	8.4%	8.8%	10.1%	9.9%	9.2%	8.6%	7.2%	7.3%	100.0%

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FMPA 2017 Load Forecast - Severe Weather Case
Ft. Pierce
Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	90.3	98.6	92.0	91.2	99.6	110.2	116.5	118.8	113.5	108.0	91.6	83.2	98.6	118.8
	2008	108.5	87.5	84.5	88.3	108.5	116.9	113.7	110.8	109.1	95.3	85.0	76.0	108.5	116.9
	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	98.0	89.9	78.9	97.7	111.7
Projected	2017	109.3	97.9	85.2	94.6	106.0	112.4	114.0	116.2	110.2	101.9	90.3	79.3	109.3	116.2
	2018	109.8	98.4	85.6	95.1	106.5	112.9	114.6	116.8	110.7	102.4	90.6	79.5	109.8	116.8
	2019	110.1	98.7	85.8	95.3	106.8	113.3	114.9	117.1	111.0	102.7	90.9	79.7	110.1	117.1
	2020	110.5	99.0	86.1	95.6	107.1	113.6	115.3	117.5	111.3	103.0	91.1	80.0	110.5	117.5
	2021	110.8	99.3	86.3	95.9	107.4	113.9	115.6	117.8	111.7	103.3	91.4	80.2	110.8	117.8
	2022	111.1	99.6	86.6	96.2	107.8	114.3	115.9	118.2	112.0	103.6	91.7	80.5	111.1	118.2
	2023	111.5	99.9	86.8	96.5	108.1	114.6	116.3	118.5	112.3	103.9	91.9	80.7	111.5	118.5
	2024	111.8	100.2	87.1	96.8	108.4	114.9	116.6	118.9	112.7	104.2	92.2	80.9	111.8	118.9
	2025	112.1	100.4	87.3	97.0	108.7	115.2	116.9	119.2	113.0	104.5	92.4	81.1	112.1	119.2
Projected	2027	112.6	100.9	87.7	97.5	109.2	115.8	117.5	119.8	113.5	105.0	92.8	81.4	112.6	119.8
	2028	112.8	101.1	87.9	97.7	109.4	116.0	117.7	120.0	113.7	105.2	93.0	81.6	112.8	120.0
	2029	113.0	101.3	88.1	97.8	109.6	116.2	117.9	120.2	113.9	105.4	93.1	81.7	113.0	120.2
	2030	113.2	101.5	88.2	98.0	109.8	116.4	118.1	120.4	114.1	105.6	93.3	81.8	113.2	120.4
	2031	113.4	101.6	88.3	98.1	109.9	116.6	118.3	120.6	114.3	105.7	93.4	82.0	113.4	120.6
	2032	113.5	101.7	88.5	98.3	110.1	116.7	118.4	120.7	114.4	105.9	93.5	82.1	113.5	120.7
	2033	113.7	101.9	88.6	98.4	110.2	116.9	118.6	120.9	114.6	106.0	93.6	82.2	113.7	120.9
	2034	113.8	102.0	88.7	98.5	110.4	117.1	118.8	121.1	114.7	106.2	93.8	82.3	113.8	121.1
	2035	114.0	102.2	88.8	98.7	110.5	117.2	119.0	121.3	114.9	106.3	93.9	82.4	114.0	121.3
	2036	114.2	102.3	89.0	98.8	110.7	117.4	119.1	121.4	115.1	106.5	94.0	82.5	114.2	121.4

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	67.2%	61.5%	65.2%	66.9%	77.5%	68.1%	72.0%	73.6%	70.7%	71.0%	61.7%	73.3%	70.6%	58.6%
	2008	54.6%	68.9%	69.9%	68.8%	73.6%	62.4%	65.1%	68.3%	70.4%	68.4%	62.7%	72.7%	60.6%	56.2%
	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%
Projected	2016	62.4%	58.9%	64.4%	63.9%	72.8%	67.6%	76.2%	72.0%	72.1%	69.1%	63.4%	75.7%	67.8%	59.3%
	2017	58.2%	68.8%	69.4%	64.5%	70.9%	63.0%	73.4%	68.3%	69.1%	67.7%	63.6%	76.0%	62.3%	58.6%
	2018	58.4%	68.9%	69.4%	64.5%	70.8%	62.9%	73.3%	68.3%	69.0%	67.7%	63.8%	76.1%	62.3%	58.6%
	2019	58.6%	69.0%	69.5%	64.5%	70.8%	62.9%	73.2%	68.2%	69.1%	67.7%	63.7%	76.1%	62.3%	58.6%
	2020	58.6%	66.6%	69.5%	64.5%	70.8%	62.9%	73.2%	68.2%	69.1%	67.7%	63.7%	76.1%	62.3%	58.6%
	2021	58.6%	69.0%	69.4%	64.4%	70.7%	62.9%	73.2%	68.3%	69.1%	67.7%	63.7%	76.1%	62.3%	58.6%
	2022	58.6%	69.0%	69.4%	64.4%	70.7%	62.9%	73.3%	68.3%	69.1%	67.7%	63.7%	76.1%	62.3%	58.6%
	2023	58.7%	69.0%	69.4%	64.4%	70.7%	62.9%	73.3%	68.3%	69.1%	67.7%	63.7%	76.1%	62.3%	58.6%
	2024	58.7%	66.7%	69.4%	64.3%	70.7%	62.9%	73.3%	68.3%	69.1%	67.7%	63.7%	76.1%	62.3%	58.6%
Avg.	2007-2016	60.8%	63.0%	66.2%	65.6%	75.6%	66.5%	71.8%	71.0%	70.2%	66.8%	62.6%	71.9%	63.0%	58.7%
	2017-2026	58.6%	68.5%	69.4%	64.4%	70.7%	62.9%	73.3%	68.3%	69.1%	67.7%	63.7%	76.1%	62.3%	58.6%

FMPA 2017 Load Forecast - Severe Weather Case
Ft. Pierce
Monthly Coincident-Peak Demand with ARP (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	90.3	98.6	78.7	89.0	99.1	108.3	116.5	116.8	111.4	101.8	90.6	80.9	98.6	116.8
	2008	107.3	81.8	82.1	85.1	108.5	107.5	96.0	110.4	98.3	88.8	83.6	76.0	107.3	110.4
	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	94.7	80.2	73.4	94.0	109.8
Projected	2017	100.6	95.1	81.6	90.9	102.7	109.1	109.8	112.0	105.7	98.6	80.5	73.7	100.6	112.0
	2018	101.1	95.6	82.0	91.3	103.2	109.6	110.4	112.5	106.3	99.0	80.8	73.9	101.1	112.5
	2019	101.4	95.9	82.2	91.6	103.5	109.9	110.7	112.8	106.6	99.3	81.0	74.1	101.4	112.8
	2020	101.7	96.2	82.5	91.9	103.8	110.2	111.0	113.2	106.9	99.6	81.3	74.4	101.7	113.2
	2021	102.0	96.4	82.7	92.1	104.1	110.6	111.3	113.5	107.2	99.9	81.5	74.6	102.0	113.5
	2022	102.3	96.7	82.9	92.4	104.4	110.9	111.6	113.8	107.5	100.2	81.7	74.8	102.3	113.8
	2023	102.6	97.0	83.2	92.7	104.8	111.2	112.0	114.2	107.8	100.5	82.0	75.0	102.6	114.2
	2024	102.9	97.3	83.4	92.9	105.1	111.5	112.3	114.5	108.1	100.8	82.2	75.2	102.9	114.5
	2025	103.2	97.6	83.7	93.2	105.3	111.8	112.6	114.8	108.4	101.1	82.4	75.4	103.2	114.8
Projected	2026	103.4	97.8	83.9	93.4	105.6	112.1	112.9	115.1	108.7	101.3	82.6	75.6	103.4	115.1
	2027	103.6	98.0	84.0	93.6	105.8	112.4	113.1	115.4	108.9	101.5	82.7	75.7	103.6	115.4
	2028	103.8	98.2	84.2	93.8	106.0	112.6	113.4	115.6	109.2	101.7	82.9	75.9	103.8	115.6
	2029	104.0	98.4	84.4	94.0	106.2	112.8	113.6	115.8	109.3	101.9	83.0	76.0	104.0	115.8
	2030	104.2	98.5	84.5	94.1	106.4	113.0	113.7	116.0	109.5	102.1	83.1	76.1	104.2	116.0
	2031	104.3	98.7	84.6	94.3	106.6	113.1	113.9	116.1	109.7	102.2	83.3	76.2	104.3	116.1
	2032	104.5	98.8	84.7	94.4	106.7	113.3	114.1	116.3	109.8	102.4	83.4	76.3	104.5	116.3
	2033	104.6	99.0	84.9	94.5	106.9	113.4	114.2	116.5	110.0	102.5	83.5	76.4	104.6	116.5
	2034	104.8	99.1	85.0	94.7	107.0	113.6	114.4	116.6	110.1	102.7	83.6	76.5	104.8	116.6
Projected	2035	104.9	99.2	85.1	94.8	107.2	113.8	114.5	116.8	110.3	102.8	83.7	76.6	104.9	116.8
	2036	105.1	99.4	85.2	94.9	107.3	113.9	114.7	117.0	110.5	102.9	83.8	76.7	105.1	117.0

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	100.0%	100.0%	85.6%	97.6%	99.5%	98.3%	100.0%	98.4%	98.1%	94.3%	98.9%	97.2%	100.0%	98.4%
	2008	98.9%	93.5%	97.2%	96.4%	100.0%	91.9%	84.4%	99.7%	90.1%	93.2%	98.3%	100.0%	98.9%	94.4%
	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%
Projected	2016	100.0%	100.0%	93.6%	95.7%	94.9%	97.3%	98.3%	97.6%	97.9%	96.7%	89.2%	93.0%	96.2%	98.3%
	2017	92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%
	2018	92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%
	2019	92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%
	2020	92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%
	2021	92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%
	2022	92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%
	2023	92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%
	2024	92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%
Projected	2025	92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%
	2026	92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%
2007-2016		95.9%	97.9%	94.8%	95.5%	97.2%	96.7%	94.8%	97.1%	95.8%	96.6%	91.8%	94.5%	99.5%	97.2%
2017-2026		92.0%	97.1%	95.8%	96.1%	96.9%	97.0%	96.3%	96.3%	96.0%	96.7%	89.2%	93.0%	92.0%	96.3%

FMPA 2017 Load Forecast - Severe Weather Case - Ft Pierce

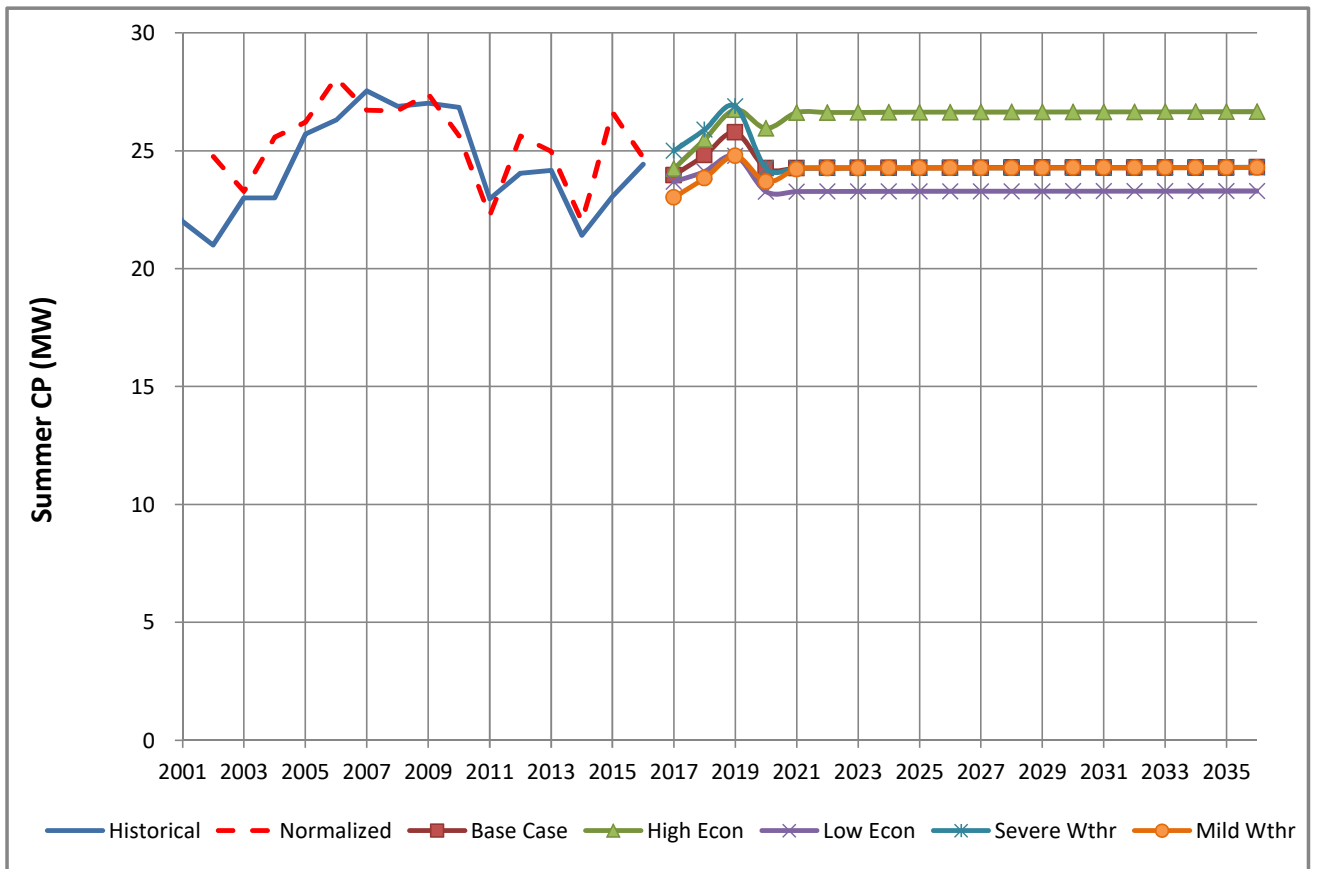
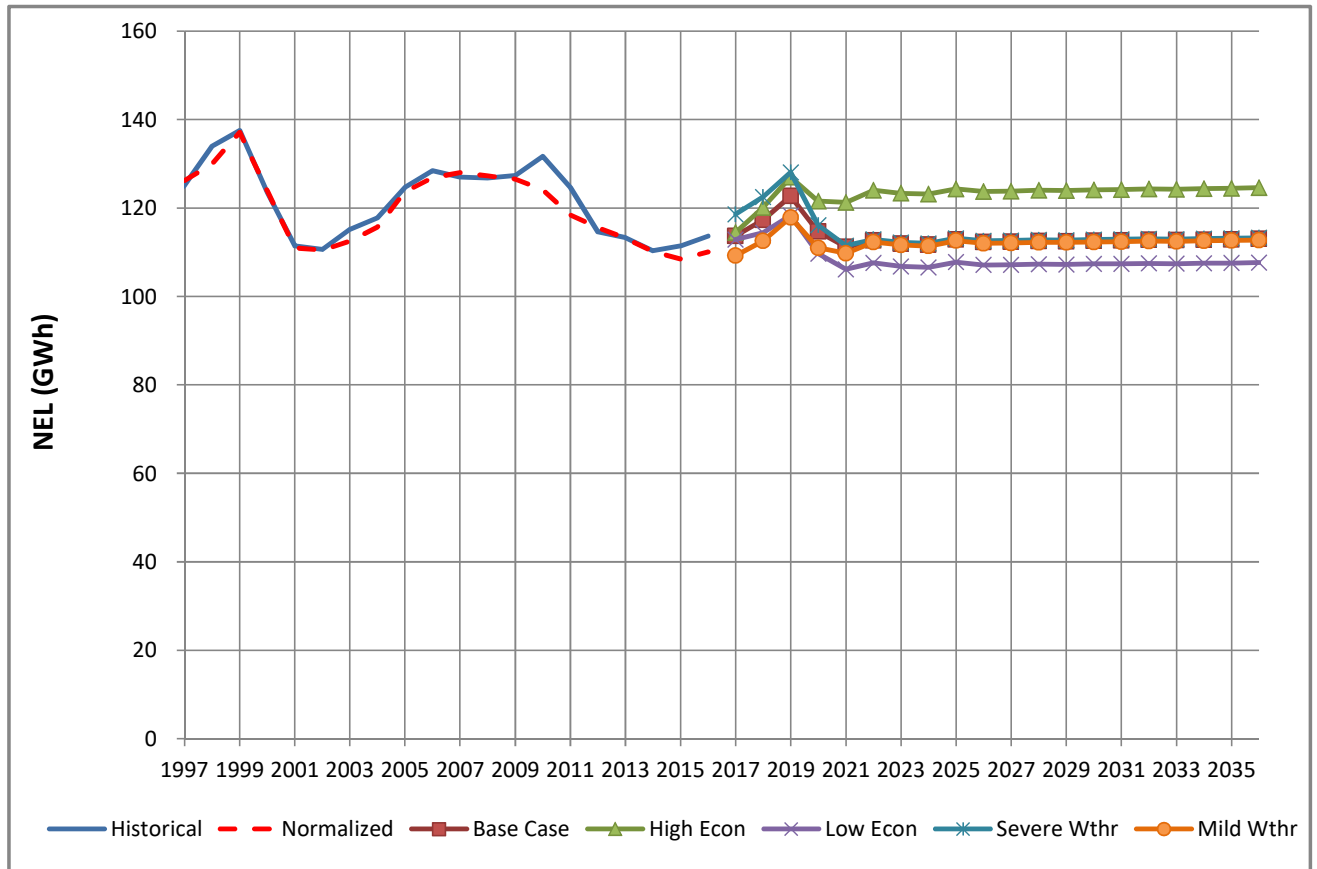
Historical and Projected - Energy Sales by Customer Class (Fiscal Year 2007-2036)

	Fiscal Year	Residential						General Service						Residential Lights		City Lights		TOTAL SALES		DISTR. LOSSES	TOTAL NEL	
		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)	% Chg
Historical	2007	233,543		22,195		10,522		328,479		4,688		70.1		5,850		5,657		573,529		34,056	607,585	
	2008	224,017	-4.1%	23,467	5.7%	9,546	-9.3%	336,746	2.5%	5,131	9.4%	65.6	-6.3%	5,977	2.2%	5,673	0.3%	572,413	-0.2%	18,498	590,911	-2.7%
	2009	209,719	-6.4%	23,328	-0.6%	8,990	-5.8%	327,259	-2.8%	5,085	-0.9%	64.4	-1.9%	5,992	0.3%	5,717	0.8%	548,687	-4.1%	4,801	553,488	-6.3%
	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	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	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	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	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	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	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	583,151	4.3%
Projected	2017	244,715	2.5%	23,368	0.6%	10,472	1.9%	317,865	3.3%	5,140	1.1%	61.8	2.2%	6,030	0.0%	3,900	-2.0%	572,510	2.9%	22,593	595,103	2.0%
	2018	246,978	0.9%	23,481	0.5%	10,518	0.4%	319,469	0.5%	5,168	0.5%	61.8	0.0%	6,030	0.0%	3,900	0.0%	576,377	0.7%	22,686	599,063	0.7%
	2019	248,616	0.7%	23,605	0.5%	10,532	0.1%	319,759	0.1%	5,190	0.4%	61.6	-0.3%	6,030	0.0%	3,900	0.0%	578,305	0.3%	22,740	601,044	0.3%
	2020	250,417	0.7%	23,732	0.5%	10,552	0.2%	319,697	0.0%	5,211	0.4%	61.4	-0.4%	6,030	0.0%	3,900	0.0%	580,045	0.3%	22,806	602,850	0.3%
	2021	252,241	0.7%	23,856	0.5%	10,573	0.2%	319,589	0.0%	5,230	0.4%	61.1	-0.4%	6,030	0.0%	3,900	0.0%	581,760	0.3%	22,870	604,629	0.3%
	2022	254,078	0.7%	23,983	0.5%	10,594	0.2%	319,455	0.0%	5,250	0.4%	60.9	-0.4%	6,030	0.0%	3,900	0.0%	583,463	0.3%	22,933	606,396	0.3%
	2023	255,979	0.7%	24,110	0.5%	10,617	0.2%	319,309	0.0%	5,269	0.4%	60.6	-0.4%	6,030	0.0%	3,900	0.0%	585,219	0.3%	22,999	608,218	0.3%
	2024	257,918	0.8%	24,236	0.5%	10,642	0.2%	319,085	-0.1%	5,287	0.3%	60.3	-0.4%	6,030	0.0%	3,900	0.0%	586,933	0.3%	23,063	609,996	0.3%
	2025	259,851	0.7%	24,359	0.5%	10,667	0.2%	318,768	-0.1%	5,304	0.3%	60.1	-0.4%	6,030	0.0%	3,900	0.0%	588,549	0.3%	23,122	611,671	0.3%
	2026	261,721	0.7%	24,482	0.5%	10,690	0.2%	318,376	-0.1%	5,320	0.3%	59.8	-0.4%	6,030	0.0%	3,900	0.0%	590,027	0.3%	23,176	613,203	0.3%
	2027	263,519	0.7%	24,607	0.5%	10,709	0.2%	317,918	-0.1%	5,336	0.3%	59.6	-0.4%	6,030	0.0%	3,900	0.0%	591,366	0.2%	23,225	614,591	0.2%
	2028	265,223	0.6%	24,730	0.5%	10,725	0.1%	317,421	-0.2%	5,350	0.3%	59.3	-0.4%	6,030	0.0%	3,900	0.0%	592,574	0.2%	23,268	615,842	0.2%
	2029	266,840	0.6%	24,847	0.5%	10,739	0.1%	316,873	-0.2%	5,364	0.3%	59.1	-0.4%	6,030	0.0%	3,900	0.0%	593,643	0.2%	23,306	616,949	0.2%
	2030	268,441	0.6%	24,964	0.5%	10,753	0.1%	316,262	-0.2%	5,377	0.2%	58.8	-0.4%	6,030	0.0%	3,900	0.0%	594,633	0.2%	23,342	617,975	0.2%
	2031	269,974	0.6%	25,076	0.4%	10,766	0.1%	315,603	-0.2%	5,390	0.2%	58.6	-0.4%	6,030	0.0%	3,900	0.0%	595,507	0.1%	23,372	618,879	0.1%
	2032	271,478	0.6%	25,184	0.4%	10,780	0.1%	314,935	-0.2%	5,402	0.2%	58.3	-0.4%	6,030	0.0%	3,900	0.0%	596,343	0.1%	23,402	619,745	0.1%
	2033	273,010	0.6%	25,292	0.4%	10,794	0.1%	314,246	-0.2%	5,414	0.2%	58.0	-0.4%	6,030	0.0%	3,900	0.0%	597,186	0.1%	23,431	620,617	0.1%
	2034	274,565	0.6%	25,398	0.4%	10,810	0.2%	313,526	-0.2%	5,425	0.2%	57.8	-0.4%	6,030	0.0%	3,900	0.0%	598,022	0.1%	23,461	621,482	0.1%
	2035	276,162	0.6%	25,506	0.4%	10,827	0.2%	312,784	-0.2%	5,437	0.2%	57.5	-0.4%	6,030	0.0%	3,900	0.0%	598,876	0.1%	23,491	622,367	0.1%
	2036	277,773	0.6%	25,615	0.4%	10,844	0.2%	312,023	-0.2%	5,447	0.2%	57.3	-0.4%	6,030	0.0%	3,900	0.0%	599,726	0.1%	23,521	623,246	0.1%
CAGR	2007-2016		0.2%		0.5%		-0.3%		-0.7%		0.9%		-1.6%		0.3%		-3.8%		-0.3%			-0.5%
	2017-2026		0.7%		0.5%		0.2%		0.0%		0.4%		-0.4%		0.0%		0.0%		0.3%			0.3%
	2027-2036		0.6%		0.4%		0.1%		-0.2%		0.2%		-0.4%		0.0%		0.0%		0.2%			0.2%

CAGR - Compound Average Growth Rate.

Green Cove Springs

FMPA 2017 Load Forecast **Green Cove Springs (with CROD)** Historical and Projected NEL and Annual Coincident Peak Demand



FMPA 2017 Load Forecast - Low Economic Case
Green Cove Springs (Forecast Limited by the CROD)*
 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)				
		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	2007	126,976	-	128,327	-	1.1%	23.8	-	29.9	-	25.5%	27.5	-	26.7	-	-3.0%
	2008	126,805	-0.1%	127,568	-0.6%	0.6%	26.0	9.5%	28.0	-6.0%	7.7%	26.9	-2.4%	26.7	-0.1%	-0.7%
	2009	127,346	0.4%	126,929	-0.5%	-0.3%	31.4	20.7%	30.1	7.4%	-4.2%	27.0	0.5%	27.4	2.7%	1.4%
	2010	131,721	3.4%	124,596	-1.8%	-5.4%	33.6	7.0%	29.3	-2.7%	-12.9%	26.8	-0.6%	25.6	-6.4%	-4.5%
	2011	124,697	-5.3%	118,918	-4.6%	-4.6%	29.6	-11.9%	30.7	4.7%	3.6%	23.0	-14.4%	20.8	-19.0%	-9.5%
	2012	114,590	-8.1%	115,142	-3.2%	0.5%	26.6	-10.3%	26.3	-14.2%	-0.9%	24.0	4.7%	25.6	23.3%	6.6%
	2013	113,318	-1.1%	113,151	-1.7%	-0.1%	24.4	-8.3%	26.4	0.1%	8.2%	24.2	0.5%	25.0	-2.6%	3.3%
	2014	110,365	-2.6%	110,198	-2.6%	-0.2%	24.2	-0.6%	26.4	0.2%	9.0%	21.4	-11.4%	22.0	-12.0%	2.7%
	2015	111,412	0.9%	108,492	-1.5%	-2.6%	27.5	13.7%	26.6	0.6%	-3.5%	23.1	7.7%	26.6	21.2%	15.5%
	2016	113,675	2.0%	110,050	1.4%	-3.2%	24.8	-10.1%	27.1	2.1%	9.5%	24.4	5.9%	24.7	-7.2%	1.2%
Projected	2017	112,881	-0.7%	112,881	2.6%		24.2	-2.3%	24.2	-10.8%		23.7	-3.0%	23.7	-4.2%	
	2018			114,365	1.3%				24.6	1.8%				24.1	1.8%	
	2019			118,312	3.5%				25.3	2.8%				24.8	2.8%	
	2020			109,681	-7.3%				23.9	-5.6%				23.3	-6.1%	
	2021			106,142	-3.2%				24.0	0.4%				23.3	0.0%	
	2022			107,560	1.3%				24.3	1.5%				23.3	0.0%	
	2023			106,805	-0.7%				23.9	-1.8%				23.3	0.0%	
	2024			106,543	-0.2%				24.1	0.9%				23.3	0.0%	
	2025			107,770	1.2%				24.4	1.1%				23.3	0.0%	
	2026			107,113	-0.6%				24.0	-1.6%				23.3	0.0%	
	2027			107,157	0.0%				24.0	0.0%				23.3	0.0%	
	2028			107,290	0.1%				24.0	0.2%				23.3	0.0%	
	2029			107,233	-0.1%				24.0	-0.2%				23.3	0.0%	
	2030			107,339	0.1%				24.0	0.1%				23.3	0.0%	
	2031			107,386	0.0%				24.0	-0.1%				23.3	0.0%	
	2032			107,473	0.1%				24.0	0.1%				23.3	0.0%	
	2033			107,405	-0.1%				23.9	-0.3%				23.3	0.0%	
	2034			107,495	0.1%				24.0	0.1%				23.3	0.0%	
	2035			107,545	0.0%				24.0	0.0%				23.3	0.0%	
	2036			107,651	0.1%				24.0	0.1%				23.3	0.0%	
CAGR ^[3]	2007-2016		-1.2%		-1.7%			0.4%		-1.1%			-1.3%		-0.9%	
	2017-2026				-0.6%					-0.1%					-0.2%	
	2027-2036				0.1%					0.0%					0.0%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

* GCS's CROD is 26.51 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD.

The ratio of CROD/MaxD is used for calculation of scheduled energy and billed loads. (The ARP's winter peak is usually in January, but GCS' highest winter CP is estimated to be in Feb.)

FMPA 2017 Load Forecast - Low Economic Case
Green Cove Springs (Forecast Limited by the CROD)*
 Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2007	126,976	-	128,327	-	1.1%	27.7	-	52.3%	28.1	-	51.6%
	2008	126,805	-0.1%	127,568	-0.6%	0.6%	26.1	-6.0%	55.5%	27.0	-3.9%	53.6%
	2009	127,346	0.4%	126,929	-0.5%	-0.3%	33.2	27.3%	43.8%	27.0	0.0%	53.8%
	2010	131,721	3.4%	124,596	-1.8%	-5.4%	33.6	1.3%	44.7%	27.4	1.3%	55.0%
	2011	124,697	-5.3%	118,918	-4.6%	-4.6%	31.1	-7.4%	45.7%	26.6	-2.9%	53.6%
	2012	114,590	-8.1%	115,142	-3.2%	0.5%	27.0	-13.2%	48.4%	24.1	-9.4%	54.4%
	2013	113,318	-1.1%	113,151	-1.7%	-0.1%	26.2	-3.1%	49.3%	24.7	2.6%	52.4%
	2014	110,365	-2.6%	110,198	-2.6%	-0.2%	26.8	2.1%	47.1%	24.1	-2.4%	52.3%
	2015	111,412	0.9%	108,492	-1.5%	-2.6%	27.5	2.8%	46.2%	24.6	2.2%	51.7%
	2016	113,675	2.0%	110,050	1.4%	-3.2%	26.1	-5.1%	49.7%	25.1	2.0%	51.7%
Projected	2017	112,881	-0.7%	112,881	2.6%		26.8	2.8%	48.0%	24.5	-2.6%	52.7%
	2018	114,365	1.3%	114,365	1.3%		27.3	1.8%	47.8%	24.9	1.8%	52.4%
	2019	118,312	3.5%	118,312	3.5%		28.1	2.8%	48.1%	25.6	2.8%	52.8%
	2020	109,681	-7.3%	109,681	-7.3%		26.5	-5.6%	47.2%	24.1	-5.9%	52.0%
	2021	106,142	-3.2%	106,142	-3.2%		26.5	0.0%	45.7%	24.1	0.0%	50.3%
	2022	107,560	1.3%	107,560	1.3%		26.5	0.0%	46.3%	24.1	0.0%	51.0%
	2023	106,805	-0.7%	106,805	-0.7%		26.5	0.0%	46.0%	24.1	0.0%	50.6%
	2024	106,543	-0.2%	106,543	-0.2%		26.5	0.0%	45.9%	24.1	0.0%	50.5%
	2025	107,770	1.2%	107,770	1.2%		26.5	0.0%	46.4%	24.1	0.0%	51.1%
	2026	107,113	-0.6%	107,113	-0.6%		26.5	0.0%	46.1%	24.1	0.0%	50.8%
	2027	107,157	0.0%	107,157	0.0%		26.5	0.0%	46.1%	24.1	0.0%	50.8%
	2028	107,290	0.1%	107,290	0.1%		26.5	0.0%	46.2%	24.1	0.0%	50.8%
	2029	107,233	-0.1%	107,233	-0.1%		26.5	0.0%	46.2%	24.1	0.0%	50.8%
	2030	107,339	0.1%	107,339	0.1%		26.5	0.0%	46.2%	24.1	0.0%	50.9%
	2031	107,386	0.0%	107,386	0.0%		26.5	0.0%	46.2%	24.1	0.0%	50.9%
	2032	107,473	0.1%	107,473	0.1%		26.5	0.0%	46.3%	24.1	0.0%	50.9%
	2033	107,405	-0.1%	107,405	-0.1%		26.5	0.0%	46.2%	24.1	0.0%	50.9%
	2034	107,495	0.1%	107,495	0.1%		26.5	0.0%	46.3%	24.1	0.0%	50.9%
	2035	107,545	0.0%	107,545	0.0%		26.5	0.0%	46.3%	24.1	0.0%	51.0%
	2036	107,651	0.1%	107,651	0.1%		26.5	0.0%	46.4%	24.1	0.0%	51.0%
CAGR ^[1]	2007-2016		-1.2%		-1.7%			-0.7%	48.3%		-1.3%	53.0%
	2017-2026		-0.6%		-0.6%			-0.1%	46.8%		-0.2%	51.4%
	2027-2036		0.1%		0.1%			0.0%	46.2%		0.0%	50.9%

* GCS's CROD is 26.51 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD.

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Low Economic Case
Green Cove Springs (Forecast Limited by the CROD)
Monthly Net Energy for Load (MWh)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2007	10,033	9,206	9,187	9,222	10,601	11,773	12,630	14,001	11,936	10,881	8,863	9,621	127,953	126,976
	2008	9,003	9,056	9,364	9,485	11,370	12,040	12,469	12,516	12,137	10,328	9,381	9,626	126,776	126,805
	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	9,070	8,045	8,945	115,334	113,675
Projected	2017	9,655	8,125	8,245	7,973	9,293	10,317	11,319	11,589	10,305	9,044	8,281	9,070	113,215	112,881
	2018	9,855	8,323	8,322	8,103	9,428	10,407	11,464	11,676	10,392	9,369	8,568	9,402	115,310	114,365
	2019	10,181	8,622	8,620	8,384	9,771	10,775	11,831	12,053	10,736	9,440	8,630	9,463	118,505	118,312
	2020	9,197	7,871	7,564	7,400	8,750	9,784	10,805	11,028	9,750	8,426	7,613	8,412	106,600	109,681
	2021	9,191	7,721	7,533	7,370	8,713	9,739	10,752	10,972	9,699	8,622	7,804	8,606	106,723	106,142
	2022	9,369	7,899	7,597	7,437	8,797	9,818	10,810	11,031	9,769	8,464	7,663	8,450	107,104	107,560
	2023	9,196	7,755	7,599	7,441	8,801	9,819	10,811	11,034	9,772	8,470	7,671	8,459	106,829	106,805
	2024	9,205	7,912	7,546	7,390	8,740	9,751	10,736	10,957	9,706	8,641	7,839	8,630	107,052	106,543
	2025	9,360	7,921	7,619	7,464	8,831	9,840	10,808	11,031	9,786	8,501	7,713	8,491	107,365	107,770
	2026	9,210	7,794	7,623	7,468	8,835	9,843	10,811	11,034	9,790	8,505	7,718	8,496	107,126	107,113
Projected	2027	9,215	7,798	7,627	7,471	8,837	9,845	10,814	11,037	9,793	8,510	7,724	8,504	107,177	107,157
	2028	9,226	7,955	7,620	7,464	8,828	9,836	10,806	11,030	9,788	8,505	7,719	8,499	107,275	107,290
	2029	9,222	7,803	7,635	7,478	8,842	9,852	10,825	11,049	9,805	8,520	7,733	8,514	107,278	107,233
	2030	9,240	7,818	7,640	7,481	8,845	9,855	10,829	11,053	9,809	8,524	7,736	8,518	107,350	107,339
	2031	9,246	7,821	7,647	7,486	8,849	9,859	10,833	11,056	9,811	8,524	7,736	8,517	107,386	107,386
	2032	9,246	7,968	7,641	7,479	8,840	9,849	10,823	11,046	9,802	8,518	7,730	8,511	107,454	107,473
	2033	9,241	7,815	7,656	7,493	8,854	9,865	10,841	11,063	9,818	8,531	7,742	8,524	107,442	107,405
	2034	9,257	7,828	7,660	7,495	8,856	9,868	10,845	11,068	9,822	8,535	7,746	8,529	107,508	107,495
	2035	9,264	7,833	7,663	7,498	8,858	9,870	10,849	11,072	9,826	8,538	7,749	8,533	107,555	107,545
	2036	9,270	7,984	7,658	7,492	8,849	9,860	10,839	11,061	9,817	8,530	7,742	8,525	107,627	107,651

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2007	7.8%	7.2%	7.2%	7.2%	8.3%	9.2%	9.9%	10.9%	9.3%	8.5%	6.9%	7.5%	100.0%
	2008	7.1%	7.1%	7.4%	7.5%	9.0%	9.5%	9.8%	9.9%	9.6%	8.1%	7.4%	7.6%	100.0%
	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	8.3%	7.3%	6.9%	7.0%	8.4%	9.6%	10.6%	10.3%	9.1%	7.9%	7.0%	7.8%	100.0%
Projected	2017	8.5%	7.2%	7.3%	7.0%	8.2%	9.1%	10.0%	10.2%	9.1%	8.0%	7.3%	8.0%	100.0%
	2018	8.5%	7.2%	7.2%	7.0%	8.2%	9.0%	9.9%	10.1%	9.0%	8.1%	7.4%	8.2%	100.0%
	2019	8.6%	7.3%	7.3%	7.1%	8.2%	9.1%	10.0%	10.2%	9.1%	8.0%	7.3%	8.0%	100.0%
	2020	8.6%	7.4%	7.1%	6.9%	8.2%	9.2%	10.1%	10.3%	9.1%	7.9%	7.1%	7.9%	100.0%
	2021	8.6%	7.2%	7.1%	6.9%	8.2%	9.1%	10.1%	10.3%	9.1%	8.1%	7.3%	8.1%	100.0%
	2022	8.7%	7.4%	7.1%	6.9%	8.2%	9.2%	10.1%	10.3%	9.1%	7.9%	7.2%	7.9%	100.0%
	2023	8.6%	7.3%	7.1%	7.0%	8.2%	9.2%	10.1%	10.3%	9.1%	7.9%	7.2%	7.9%	100.0%
	2024	8.6%	7.4%	7.0%	6.9%	8.2%	9.1%	10.0%	10.2%	9.1%	8.1%	7.3%	8.1%	100.0%
	2025	8.7%	7.4%	7.1%	7.0%	8.2%	9.2%	10.1%	10.3%	9.1%	7.9%	7.2%	7.9%	100.0%
	2026	8.6%	7.3%	7.1%	7.0%	8.2%	9.2%	10.1%	10.3%	9.1%	7.9%	7.2%	7.9%	100.0%
Avg.	2007-2016	8.4%	7.3%	7.2%	7.3%	8.6%	9.4%	10.0%	10.2%	9.2%	7.9%	6.9%	7.6%	100.0%
	2017-2026	8.6%	7.3%	7.1%	7.0%	8.2%	9.1%	10.1%	10.3%	9.1%	8.0%	7.3%	8.0%	100.0%

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

* GCS's CROD is 26.51 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD.
The ratio of CROD/MaxD is used for calculation of scheduled energy and billed loads. (The ARP's winter peak is usually in January, but GCS' highest winter CP is estimated to be in Feb)

FMPA 2017 Load Forecast - Low Economic Case
Green Cove Springs (Forecast Limited by the CROD)
Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	27.7	25.2	22.1	19.6	21.3	25.2	25.9	28.1	24.8	24.2	18.7	21.9	27.7	28.1
	2008	26.1	24.6	20.4	18.3	22.6	25.8	25.9	27.0	25.2	21.9	23.4	25.5	26.1	27.0
	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	20.7	16.5	20.4	26.1	25.1
Projected	2017	24.6	26.8	18.5	17.9	21.2	23.8	23.3	24.5	22.5	20.2	16.8	20.8	26.8	24.5
	2018	25.1	27.3	18.8	18.2	21.6	24.2	23.7	24.9	22.9	20.5	17.3	21.4	27.3	24.9
	2019	25.8	28.1	19.4	18.7	22.2	24.9	24.3	25.6	23.5	21.1	17.4	21.5	28.1	25.6
	2020	24.4	26.5	17.8	17.2	20.7	23.4	22.8	24.1	22.0	19.6	15.9	20.0	26.5	24.1
	2021	24.5	26.5	17.8	17.2	20.7	23.4	22.8	24.1	22.0	19.6	16.1	20.3	26.5	24.1
	2022	24.8	26.5	17.8	17.2	20.7	23.4	22.8	24.1	22.0	19.6	15.8	20.0	26.5	24.1
	2023	24.4	26.5	17.8	17.2	20.7	23.4	22.8	24.1	22.0	19.6	16.0	20.2	26.5	24.1
	2024	24.6	26.5	17.8	17.2	20.7	23.4	22.8	24.1	22.0	19.6	16.2	20.4	26.5	24.1
	2025	24.9	26.5	17.8	17.3	20.7	23.4	22.8	24.1	22.0	19.6	15.9	20.0	26.5	24.1
Projected	2026	24.5	26.5	17.8	17.3	20.7	23.4	22.8	24.1	22.0	19.6	15.9	20.1	26.5	24.1
	2027	24.5	26.5	17.8	17.3	20.7	23.4	22.8	24.1	22.0	19.6	16.0	20.1	26.5	24.1
	2028	24.5	26.5	17.8	17.3	20.7	23.4	22.8	24.1	22.0	19.6	15.9	20.1	26.5	24.1
	2029	24.5	26.5	17.8	17.3	20.8	23.4	22.8	24.1	22.0	19.6	15.9	20.1	26.5	24.1
	2030	24.5	26.5	17.8	17.3	20.8	23.4	22.8	24.1	22.0	19.6	15.9	20.1	26.5	24.1
	2031	24.5	26.5	17.9	17.3	20.8	23.4	22.8	24.1	22.0	19.6	16.0	20.1	26.5	24.1
	2032	24.5	26.5	17.9	17.3	20.8	23.4	22.8	24.1	22.0	19.6	15.9	20.0	26.5	24.1
	2033	24.4	26.5	17.9	17.3	20.8	23.4	22.8	24.1	22.0	19.6	15.9	20.1	26.5	24.1
	2034	24.5	26.5	17.9	17.3	20.8	23.4	22.8	24.1	22.0	19.6	16.0	20.1	26.5	24.1
	2035	24.5	26.5	17.9	17.3	20.8	23.4	22.8	24.1	22.0	19.6	16.0	20.1	26.5	24.1
	2036	24.5	26.5	17.9	17.3	20.8	23.4	22.9	24.1	22.0	19.6	15.9	20.1	26.5	24.1

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	48.7%	54.3%	56.0%	63.3%	74.2%	62.7%	67.6%	66.9%	66.8%	60.3%	63.7%	61.1%	52.7%	51.9%
	2008	46.4%	53.0%	61.7%	69.5%	74.7%	62.7%	67.0%	62.2%	66.9%	63.4%	53.8%	52.5%	55.5%	53.5%
	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%	58.9%	65.5%	60.8%	50.4%	52.4%
Projected	2017	52.7%	45.0%	59.9%	59.9%	65.1%	58.4%	67.6%	63.7%	63.7%	60.3%	66.2%	60.5%	48.2%	52.8%
	2018	52.8%	45.3%	59.4%	59.8%	64.8%	57.8%	67.2%	63.0%	63.1%	61.3%	66.7%	61.0%	48.2%	52.8%
	2019	53.0%	45.7%	59.8%	60.2%	65.4%	58.2%	67.5%	63.3%	63.4%	60.1%	66.7%	61.0%	48.2%	52.8%
	2020	50.7%	42.7%	57.2%	57.8%	62.8%	56.3%	65.8%	61.6%	61.6%	57.8%	64.5%	58.3%	45.9%	50.5%
	2021	50.5%	43.3%	56.9%	57.5%	62.6%	56.1%	65.4%	61.2%	61.3%	59.2%	65.1%	58.7%	46.0%	50.6%
	2022	50.7%	44.3%	57.4%	58.0%	63.2%	56.5%	65.8%	61.6%	61.7%	58.0%	65.1%	58.7%	46.1%	50.8%
	2023	50.7%	43.5%	57.4%	58.0%	63.2%	56.5%	65.8%	61.6%	61.7%	58.1%	64.5%	58.3%	46.0%	50.6%
	2024	50.3%	42.9%	56.9%	57.6%	62.7%	56.1%	65.3%	61.1%	61.3%	59.2%	65.2%	58.8%	46.1%	50.7%
	2025	50.6%	44.5%	57.4%	58.1%	63.4%	56.6%	65.7%	61.6%	61.8%	58.3%	65.2%	58.8%	46.2%	50.9%
Avg.	2007-2016	49.2%	49.2%	59.9%	61.1%	69.0%	60.9%	67.2%	64.2%	64.8%	60.2%	58.5%	60.2%	48.2%	52.9%
	2017-2026	51.2%	44.1%	58.0%	58.5%	63.7%	56.9%	66.2%	62.0%	62.1%	59.1%	65.4%	59.3%	46.7%	51.3%

* GCS's CROD is 26.51 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD.
The ratio of CROD/MaxD is used for calculation of scheduled energy and billed loads. (The ARP's winter peak is usually in January, but GCS' highest winter CP is estimated

FMPA 2017 Load Forecast - Low Economic Case
Green Cove Springs (Forecast Limited by the CROD)
Monthly Coincident-Peak Demand with ARP (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	27.7	23.8	16.8	18.5	21.1	24.6	25.7	27.5	24.8	22.9	17.0	17.0	23.8	27.5
	2008	26.0	22.6	16.5	17.9	22.0	25.8	25.6	26.9	24.6	21.9	17.2	25.5	26.0	26.9
	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	19.4	16.0	18.5	24.8	24.4
Projected	2017	24.2	26.8	17.3	17.3	20.6	23.1	22.1	23.7	21.7	18.9	16.3	18.9	24.2	23.7
	2018	24.6	27.3	17.6	17.6	21.0	23.5	22.5	24.1	22.1	19.3	16.8	19.4	24.6	24.1
	2019	25.3	28.1	18.1	18.1	21.6	24.1	23.1	24.8	22.7	19.8	16.9	19.5	25.3	24.8
	2020	23.9	26.5	16.6	16.6	20.1	22.6	21.6	23.3	21.2	18.3	15.4	18.0	23.9	23.3
	2021	24.0	26.5	16.6	16.6	20.1	22.6	21.6	23.3	21.2	18.3	15.6	18.3	24.0	23.3
	2022	24.3	26.5	16.6	16.6	20.1	22.6	21.6	23.3	21.2	18.3	15.3	18.0	24.3	23.3
	2023	23.9	26.5	16.6	16.6	20.1	22.6	21.6	23.3	21.2	18.3	15.5	18.1	23.9	23.3
	2024	24.1	26.5	16.6	16.6	20.1	22.6	21.6	23.3	21.2	18.3	15.7	18.3	24.1	23.3
	2025	24.4	26.5	16.6	16.7	20.1	22.6	21.6	23.3	21.2	18.3	15.4	18.0	24.4	23.3
Projected	2026	24.0	26.5	16.6	16.7	20.1	22.6	21.6	23.3	21.2	18.3	15.4	18.0	24.0	23.3
	2027	24.0	26.5	16.6	16.7	20.1	22.6	21.6	23.3	21.2	18.3	15.5	18.1	24.0	23.3
	2028	24.0	26.5	16.6	16.7	20.1	22.6	21.6	23.3	21.2	18.3	15.4	18.1	24.0	23.3
	2029	24.0	26.5	16.6	16.7	20.1	22.6	21.6	23.3	21.2	18.3	15.5	18.1	24.0	23.3
	2030	24.0	26.5	16.6	16.7	20.1	22.6	21.6	23.3	21.2	18.3	15.5	18.1	24.0	23.3
	2031	24.0	26.5	16.6	16.7	20.1	22.6	21.6	23.3	21.2	18.3	15.5	18.1	24.0	23.3
	2032	24.0	26.5	16.6	16.7	20.1	22.6	21.6	23.3	21.2	18.3	15.4	18.0	24.0	23.3
	2033	23.9	26.5	16.6	16.7	20.1	22.6	21.6	23.3	21.2	18.3	15.5	18.1	23.9	23.3
	2034	24.0	26.5	16.6	16.7	20.1	22.6	21.6	23.3	21.2	18.3	15.5	18.1	24.0	23.3
	2035	24.0	26.5	16.6	16.7	20.1	22.6	21.6	23.3	21.2	18.3	15.5	18.1	24.0	23.3
	2036	24.0	26.5	16.7	16.7	20.1	22.6	21.6	23.3	21.2	18.3	15.5	18.1	24.0	23.3

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	100.0%	94.4%	76.0%	94.6%	99.1%	97.3%	99.2%	98.0%	100.0%	94.3%	91.0%	77.6%	85.9%	98.0%
	2008	99.9%	92.0%	81.0%	97.8%	97.3%	100.0%	99.1%	99.4%	97.5%	100.0%	73.4%	100.0%	99.9%	99.4%
	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%	93.8%	97.2%	90.7%	94.8%	97.3%
Projected	2017	98.1%	100.0%	93.6%	96.8%	97.0%	97.0%	95.0%	96.8%	96.6%	93.8%	97.2%	90.7%	90.1%	96.8%
	2018	98.1%	100.0%	93.6%	96.8%	97.0%	97.0%	95.0%	96.8%	96.6%	93.8%	97.2%	90.7%	90.1%	96.8%
	2019	98.1%	100.0%	93.6%	96.8%	97.0%	97.0%	95.0%	96.8%	96.6%	93.8%	97.2%	90.7%	90.1%	96.8%
	2020	98.0%	100.0%	93.1%	96.5%	96.8%	96.8%	94.7%	96.6%	96.4%	93.3%	96.9%	89.9%	90.1%	96.6%
	2021	98.0%	100.0%	93.1%	96.6%	96.8%	96.8%	94.7%	96.6%	96.4%	93.3%	97.0%	89.9%	90.5%	96.6%
	2022	98.0%	100.0%	93.1%	96.6%	96.8%	96.9%	94.7%	96.6%	96.4%	93.3%	97.0%	89.9%	91.8%	96.6%
	2023	98.0%	100.0%	93.1%	96.6%	96.8%	96.9%	94.7%	96.6%	96.4%	93.3%	97.0%	90.0%	90.2%	96.6%
	2024	98.0%	100.0%	93.1%	96.6%	96.8%	96.9%	94.7%	96.6%	96.4%	93.3%	97.0%	90.0%	90.9%	96.6%
	2025	98.0%	100.0%	93.1%	96.6%	96.8%	96.9%	94.7%	96.6%	96.4%	93.3%	97.0%	90.0%	91.9%	96.6%
	2026	98.0%	100.0%	93.1%	96.6%	96.8%	96.9%	94.7%	96.7%	96.4%	93.3%	97.0%	90.0%	90.4%	96.7%
2007-2016		98.3%	97.6%	91.5%	97.0%	96.9%	98.1%	97.0%	96.4%	97.1%	97.0%	85.9%	91.5%	95.2%	96.0%
2017-2026		98.0%	100.0%	93.3%	96.6%	96.9%	96.9%	94.8%	96.7%	96.5%	93.4%	97.0%	90.2%	90.6%	96.7%

* GCS's CROD is 26.51 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD.
The ratio of CROD/MaxD is used for calculation of scheduled energy and billed loads. (The ARP's winter peak is usually in January, but GCS' highest winter CP is estimated

FMPA 2017 Load Forecast - High Economic Case
Green Cove Springs (Forecast Limited by the CROD)*
 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)
Historical	2007	126,976	-	128,327	-	1.1%	23.8	-	29.9	-	25.5%	27.5	-	26.7	-	-3.0%
	2008	126,805	-0.1%	127,568	-0.6%	0.6%	26.0	9.5%	28.0	-6.0%	7.7%	26.9	-2.4%	26.7	-0.1%	-0.7%
	2009	127,346	0.4%	126,929	-0.5%	-0.3%	31.4	20.7%	30.1	7.4%	-4.2%	27.0	0.5%	27.4	2.7%	1.4%
	2010	131,721	3.4%	124,596	-1.8%	-5.4%	33.6	7.0%	29.3	-2.7%	-12.9%	26.8	-0.6%	25.6	-6.4%	-4.5%
	2011	124,697	-5.3%	118,918	-4.6%	-4.6%	29.6	-11.9%	30.7	4.7%	3.6%	23.0	-14.4%	20.8	-19.0%	-9.5%
	2012	114,590	-8.1%	115,142	-3.2%	0.5%	26.6	-10.3%	26.3	-14.2%	-0.9%	24.0	4.7%	25.6	23.3%	6.6%
	2013	113,318	-1.1%	113,151	-1.7%	-0.1%	24.4	-8.3%	26.4	0.1%	8.2%	24.2	0.5%	25.0	-2.6%	3.3%
	2014	110,365	-2.6%	110,198	-2.6%	-0.2%	24.2	-0.6%	26.4	0.2%	9.0%	21.4	-11.4%	22.0	-12.0%	2.7%
	2015	111,412	0.9%	108,492	-1.5%	-2.6%	27.5	13.7%	26.6	0.6%	-3.5%	23.1	7.7%	26.6	21.2%	15.5%
	2016	113,675	2.0%	110,050	1.4%	-3.2%	24.8	-10.1%	27.1	2.1%	9.5%	24.4	5.9%	24.7	-7.2%	1.2%
Projected	2017	114,485	0.7%	114,485	4.0%		24.7	-0.1%	24.7	-8.7%		24.2	-0.8%	24.2	-1.9%	
	2018			120,122	4.9%				26.0	5.1%				25.5	5.1%	
	2019			127,002	5.7%				27.3	5.0%				26.7	5.0%	
	2020			121,562	-4.3%				26.5	-3.1%				26.0	-3.0%	
	2021			121,270	-0.2%				27.3	3.2%				26.6	2.6%	
	2022			124,001	2.3%				28.3	3.8%				26.6	0.0%	
	2023			123,321	-0.5%				27.9	-1.7%				26.6	0.0%	
	2024			123,128	-0.2%				28.0	0.5%				26.6	0.0%	
	2025			124,303	1.0%				28.2	0.7%				26.6	0.0%	
	2026			123,716	-0.5%				27.8	-1.4%				26.6	0.0%	
	2027			123,809	0.1%				27.8	0.0%				26.6	0.0%	
	2028			123,993	0.1%				27.8	0.2%				26.6	0.0%	
	2029			123,947	0.0%				27.8	-0.3%				26.6	0.0%	
	2030			124,095	0.1%				27.8	0.1%				26.6	0.0%	
	2031			124,177	0.1%				27.8	-0.1%				26.6	0.0%	
	2032			124,308	0.1%				27.8	0.1%				26.6	0.0%	
	2033			124,248	0.0%				27.7	-0.3%				26.7	0.0%	
	2034			124,380	0.1%				27.7	0.1%				26.7	0.0%	
	2035			124,455	0.1%				27.7	0.0%				26.7	0.0%	
	2036			124,589	0.1%				27.8	0.1%				26.7	0.0%	
CAGR ^[3]	2007-2016		-1.2%		-1.7%			0.4%		-1.1%			-1.3%		-0.9%	
	2017-2026				0.9%					1.3%					1.1%	
	2027-2036				0.1%					0.0%					0.0%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

* GCS's CROD is 30.3 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD.

The ratio of CROD/MaxD is used for calculation of scheduled energy and billed loads. (The ARP's winter peak is usually in January, but GCS' highest winter CP is estimated to be in Feb.)

FMPA 2017 Load Forecast - High Economic Case
Green Cove Springs (Forecast Limited by the CROD)*
 Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2007	126,976	-	128,327	-	1.1%	27.7	-	52.3%	28.1	-	51.6%
	2008	126,805	-0.1%	127,568	-0.6%	0.6%	26.1	-6.0%	55.5%	27.0	-3.9%	53.6%
	2009	127,346	0.4%	126,929	-0.5%	-0.3%	33.2	27.3%	43.8%	27.0	0.0%	53.8%
	2010	131,721	3.4%	124,596	-1.8%	-5.4%	33.6	1.3%	44.7%	27.4	1.3%	55.0%
	2011	124,697	-5.3%	118,918	-4.6%	-4.6%	31.1	-7.4%	45.7%	26.6	-2.9%	53.6%
	2012	114,590	-8.1%	115,142	-3.2%	0.5%	27.0	-13.2%	48.4%	24.1	-9.4%	54.4%
	2013	113,318	-1.1%	113,151	-1.7%	-0.1%	26.2	-3.1%	49.3%	24.7	2.6%	52.4%
	2014	110,365	-2.6%	110,198	-2.6%	-0.2%	26.8	2.1%	47.1%	24.1	-2.4%	52.3%
	2015	111,412	0.9%	108,492	-1.5%	-2.6%	27.5	2.8%	46.2%	24.6	2.2%	51.7%
	2016	113,675	2.0%	110,050	1.4%	-3.2%	26.1	-5.1%	49.7%	25.1	2.0%	51.7%
Projected	2017	114,485	0.7%	114,485	4.0%		27.5	5.2%	47.6%	25.0	-0.3%	52.2%
	2018	120,122	4.9%	120,122	4.9%		28.9	5.1%	47.5%	26.3	5.1%	52.1%
	2019	127,002	5.7%	127,002	5.7%		30.3	5.0%	47.8%	27.6	5.0%	52.5%
	2020	121,562	-4.3%	121,562	-4.3%		29.6	-2.5%	47.0%	26.9	-2.8%	51.7%
	2021	121,270	-0.2%	121,270	-0.2%		30.3	2.6%	45.7%	27.5	2.6%	50.3%
	2022	124,001	2.3%	124,001	2.3%		30.3	0.0%	46.7%	27.5	0.0%	51.4%
	2023	123,321	-0.5%	123,321	-0.5%		30.3	0.0%	46.5%	27.5	0.0%	51.1%
	2024	123,128	-0.2%	123,128	-0.2%		30.3	0.0%	46.4%	27.5	0.0%	51.0%
	2025	124,303	1.0%	124,303	1.0%		30.3	0.0%	46.8%	27.5	0.0%	51.5%
	2026	123,716	-0.5%	123,716	-0.5%		30.3	0.0%	46.6%	27.6	0.0%	51.3%
	2027	123,809	0.1%	123,809	0.1%		30.3	0.0%	46.6%	27.6	0.0%	51.3%
	2028	123,993	0.1%	123,993	0.1%		30.3	0.0%	46.7%	27.6	0.0%	51.4%
	2029	123,947	0.0%	123,947	0.0%		30.3	0.0%	46.7%	27.6	0.0%	51.3%
	2030	124,095	0.1%	124,095	0.1%		30.3	0.0%	46.7%	27.6	0.0%	51.4%
	2031	124,177	0.1%	124,177	0.1%		30.3	0.0%	46.8%	27.6	0.0%	51.4%
	2032	124,308	0.1%	124,308	0.1%		30.3	0.0%	46.8%	27.6	0.0%	51.5%
	2033	124,248	0.0%	124,248	0.0%		30.3	0.0%	46.8%	27.6	0.0%	51.5%
	2034	124,380	0.1%	124,380	0.1%		30.3	0.0%	46.9%	27.6	0.0%	51.5%
	2035	124,455	0.1%	124,455	0.1%		30.3	0.0%	46.9%	27.6	0.0%	51.5%
	2036	124,589	0.1%	124,589	0.1%		30.3	0.0%	46.9%	27.6	0.0%	51.6%
CAGR ^[1]	2007-2016		-1.2%		-1.7%			-0.7%	48.3%		-1.3%	53.0%
	2017-2026		0.9%		0.9%			1.1%	46.9%		1.1%	51.5%
	2027-2036		0.1%		0.1%			0.0%	46.8%		0.0%	51.4%

* GCS's CROD is 30.3 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD.

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - High Economic Case
Green Cove Springs (Forecast Limited by the CROD)
Monthly Net Energy for Load (MWh)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2007	10,033	9,206	9,187	9,222	10,601	11,773	12,630	14,001	11,936	10,881	8,863	9,621	127,953	126,976
	2008	9,003	9,056	9,364	9,485	11,370	12,040	12,469	12,516	12,137	10,328	9,381	9,626	126,776	126,805
	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	9,070	8,045	8,945	115,334	113,675
Projected	2017	9,688	8,182	8,332	8,087	9,460	10,535	11,597	11,914	10,631	9,366	8,608	9,459	115,857	114,485
	2018	10,290	8,711	8,731	8,521	9,934	10,984	12,120	12,368	11,030	9,952	9,120	10,026	121,788	120,122
	2019	10,873	9,224	9,240	9,004	10,511	11,611	12,774	13,035	11,631	10,244	9,379	10,304	127,832	127,002
	2020	10,130	8,687	8,434	8,260	9,770	10,934	12,095	12,364	10,959	9,500	8,606	9,523	119,264	121,562
	2021	10,426	8,775	8,630	8,449	9,988	11,176	12,363	12,635	11,199	9,949	9,026	9,971	122,585	121,270
	2022	10,888	9,189	8,705	8,522	10,075	11,263	12,431	12,705	11,277	9,792	8,884	9,816	123,548	124,001
	2023	10,726	9,050	8,718	8,531	10,082	11,273	12,445	12,717	11,289	9,801	8,890	9,823	123,344	123,321
	2024	10,739	9,226	8,679	8,487	10,025	11,210	12,377	12,645	11,225	9,961	9,047	9,981	123,602	123,128
	2025	10,887	9,203	8,758	8,564	10,116	11,302	12,454	12,723	11,307	9,829	8,925	9,848	123,916	124,303
Projected	2026	10,748	9,083	8,768	8,571	10,121	11,309	12,464	12,733	11,317	9,835	8,931	9,855	123,735	123,716
	2027	10,762	9,091	8,779	8,577	10,125	11,315	12,473	12,741	11,324	9,842	8,938	9,865	123,833	123,809
	2028	10,780	9,271	8,776	8,572	10,115	11,307	12,469	12,736	11,321	9,837	8,931	9,858	123,972	123,993
	2029	10,778	9,098	8,797	8,589	10,132	11,329	12,495	12,762	11,344	9,855	8,946	9,876	123,999	123,947
	2030	10,804	9,116	8,807	8,595	10,135	11,335	12,504	12,771	11,352	9,860	8,950	9,881	124,110	124,095
	2031	10,815	9,122	8,818	8,601	10,139	11,341	12,513	12,778	11,358	9,863	8,951	9,883	124,182	124,177
	2032	10,822	9,293	8,815	8,595	10,129	11,332	12,505	12,770	11,351	9,855	8,942	9,874	124,283	124,308
	2033	10,819	9,119	8,834	8,611	10,145	11,352	12,530	12,794	11,372	9,872	8,957	9,891	124,296	124,248
	2034	10,843	9,137	8,841	8,615	10,147	11,357	12,538	12,802	11,380	9,877	8,961	9,897	124,396	124,380
Projected	2035	10,855	9,144	8,849	8,619	10,150	11,362	12,546	12,809	11,386	9,881	8,963	9,901	124,465	124,455
	2036	10,864	9,317	8,843	8,612	10,138	11,352	12,537	12,801	11,379	9,874	8,956	9,895	124,569	124,589

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2007	7.8%	7.2%	7.2%	7.2%	8.3%	9.2%	9.9%	10.9%	9.3%	8.5%	6.9%	7.5%	100.0%
	2008	7.1%	7.1%	7.4%	7.5%	9.0%	9.5%	9.8%	9.9%	9.6%	8.1%	7.4%	7.6%	100.0%
	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	8.3%	7.3%	6.9%	7.0%	8.4%	9.6%	10.6%	10.3%	9.1%	7.9%	7.0%	7.8%	100.0%
Projected	2017	8.4%	7.1%	7.2%	7.0%	8.2%	9.1%	10.0%	10.3%	9.2%	8.1%	7.4%	8.2%	100.0%
	2018	8.4%	7.2%	7.2%	7.0%	8.2%	9.0%	10.0%	10.2%	9.1%	8.2%	7.5%	8.2%	100.0%
	2019	8.5%	7.2%	7.2%	7.0%	8.2%	9.1%	10.0%	10.2%	9.1%	8.0%	7.3%	8.1%	100.0%
	2020	8.5%	7.3%	7.1%	6.9%	8.2%	9.2%	10.1%	10.4%	9.2%	8.0%	7.2%	8.0%	100.0%
	2021	8.5%	7.2%	7.0%	6.9%	8.1%	9.1%	10.1%	10.3%	9.1%	8.1%	7.4%	8.1%	100.0%
	2022	8.8%	7.4%	7.0%	6.9%	8.2%	9.1%	10.1%	10.3%	9.1%	7.9%	7.2%	7.9%	100.0%
	2023	8.7%	7.3%	7.1%	6.9%	8.2%	9.1%	10.1%	10.3%	9.2%	7.9%	7.2%	8.0%	100.0%
	2024	8.7%	7.5%	7.0%	6.9%	8.1%	9.1%	10.0%	10.2%	9.1%	8.1%	7.3%	8.1%	100.0%
	2025	8.8%	7.4%	7.1%	6.9%	8.2%	9.1%	10.1%	10.3%	9.1%	7.9%	7.2%	7.9%	100.0%
Avg.	2007-2016	8.4%	7.3%	7.2%	7.3%	8.6%	9.4%	10.0%	10.2%	9.2%	7.9%	6.9%	7.6%	100.0%
	2017-2026	8.6%	7.3%	7.1%	6.9%	8.2%	9.1%	10.0%	10.3%	9.1%	8.0%	7.3%	8.0%	100.0%

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

* GCS's CROD is 30.3 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD.
The ratio of CROD/MaxD is used for calculation of scheduled energy and billed loads. (The ARP's winter peak is usually in January, but GCS' highest winter CP is estimated to be in Fe

FMPA 2017 Load Forecast - High Economic Case
Green Cove Springs (Forecast Limited by the CROD)
Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	27.7	25.2	22.1	19.6	21.3	25.2	25.9	28.1	24.8	24.2	18.7	21.9	27.7	28.1
	2008	26.1	24.6	20.4	18.3	22.6	25.8	25.9	27.0	25.2	21.9	23.4	25.5	26.1	27.0
	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	20.7	16.9	20.9	26.1	25.1
Projected	2017	25.2	27.5	18.9	18.3	21.7	24.3	23.8	25.0	23.0	20.6	17.7	22.0	27.5	25.0
	2018	26.5	28.9	19.9	19.3	22.9	25.6	25.0	26.3	24.2	21.7	18.6	23.1	28.9	26.3
	2019	27.8	30.3	20.9	20.2	24.0	26.8	26.3	27.6	25.4	22.8	19.1	23.7	30.3	27.6
	2020	27.0	29.6	19.9	19.2	23.1	26.0	25.5	26.9	24.5	21.9	18.1	22.8	29.6	26.9
	2021	27.9	30.3	20.4	19.7	23.7	26.7	26.1	27.5	25.2	22.4	18.8	23.7	30.3	27.5
	2022	28.9	30.3	20.4	19.8	23.7	26.7	26.1	27.5	25.2	22.5	18.5	23.3	30.3	27.5
	2023	28.4	30.3	20.4	19.8	23.7	26.7	26.1	27.5	25.2	22.5	18.7	23.5	30.3	27.5
	2024	28.6	30.3	20.4	19.8	23.7	26.7	26.1	27.5	25.2	22.5	18.8	23.6	30.3	27.5
	2025	28.8	30.3	20.5	19.8	23.8	26.7	26.1	27.5	25.2	22.5	18.5	23.3	30.3	27.5
Projected	2026	28.4	30.3	20.5	19.8	23.8	26.7	26.1	27.6	25.2	22.5	18.5	23.3	30.3	27.6
	2027	28.4	30.3	20.5	19.8	23.8	26.7	26.1	27.6	25.2	22.5	18.6	23.3	30.3	27.6
	2028	28.4	30.3	20.5	19.8	23.8	26.7	26.1	27.6	25.2	22.5	18.5	23.3	30.3	27.6
	2029	28.3	30.3	20.5	19.8	23.8	26.7	26.1	27.6	25.2	22.5	18.6	23.3	30.3	27.6
	2030	28.4	30.3	20.5	19.8	23.8	26.7	26.1	27.6	25.2	22.5	18.6	23.3	30.3	27.6
	2031	28.3	30.3	20.5	19.9	23.8	26.7	26.1	27.6	25.2	22.5	18.6	23.3	30.3	27.6
	2032	28.3	30.3	20.5	19.9	23.8	26.7	26.1	27.6	25.2	22.5	18.5	23.2	30.3	27.6
	2033	28.3	30.3	20.5	19.9	23.8	26.7	26.2	27.6	25.2	22.5	18.6	23.3	30.3	27.6
	2034	28.3	30.3	20.5	19.9	23.8	26.7	26.2	27.6	25.2	22.5	18.6	23.3	30.3	27.6
	2035	28.3	30.3	20.5	19.9	23.8	26.7	26.2	27.6	25.2	22.5	18.6	23.3	30.3	27.6
	2036	28.3	30.3	20.6	19.9	23.8	26.7	26.2	27.6	25.2	22.5	18.6	23.3	30.3	27.6

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	48.7%	54.3%	56.0%	63.3%	74.2%	62.7%	67.6%	66.9%	66.8%	60.3%	63.7%	61.1%	52.7%	51.9%
	2008	46.4%	53.0%	61.7%	69.5%	74.7%	62.7%	67.0%	62.2%	66.9%	63.4%	53.8%	52.5%	55.5%	53.5%
	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%
Projected	2016	49.5%	48.7%	64.0%	56.5%	63.5%	60.6%	67.4%	63.8%	67.2%	58.9%	64.0%	59.4%	50.4%	52.4%
	2017	51.6%	44.3%	59.1%	59.3%	64.7%	58.2%	67.7%	64.0%	64.3%	61.0%	65.2%	59.7%	48.2%	52.8%
	2018	52.2%	44.9%	59.0%	59.5%	64.7%	57.8%	67.3%	63.2%	63.4%	61.7%	65.8%	60.3%	48.2%	52.8%
	2019	52.5%	45.3%	59.5%	59.9%	65.2%	58.2%	67.6%	63.4%	63.7%	60.5%	65.9%	60.3%	48.2%	52.8%
	2020	50.4%	42.2%	57.0%	57.7%	62.9%	56.4%	66.0%	61.9%	62.1%	58.4%	63.8%	57.9%	46.1%	50.7%
	2021	50.3%	43.1%	56.9%	57.5%	62.7%	56.2%	65.8%	61.7%	61.8%	59.6%	64.4%	58.4%	46.2%	50.8%
	2022	50.6%	45.1%	57.3%	58.0%	63.2%	56.7%	66.1%	62.0%	62.2%	58.6%	64.4%	58.4%	46.5%	51.2%
	2023	50.7%	44.4%	57.3%	58.0%	63.2%	56.7%	66.2%	62.1%	62.3%	58.7%	64.1%	58.1%	46.5%	51.1%
	2024	50.5%	43.7%	57.1%	57.7%	62.8%	56.4%	65.8%	61.7%	61.9%	59.6%	64.7%	58.6%	46.6%	51.2%
Avg.	2007-2016	49.2%	44.2%	59.9%	61.1%	69.0%	60.9%	67.2%	64.2%	64.8%	60.2%	58.3%	60.1%	48.2%	52.9%
	2017-2026	51.1%	44.3%	57.8%	58.4%	63.6%	57.0%	66.5%	62.4%	62.6%	59.6%	64.8%	58.9%	47.0%	51.6%

* GCS's CROD is 30.3 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD.
The ratio of CROD/MaxD is used for calculation of scheduled energy and billed loads. (The ARP's winter peak is usually in January, but GCS' highest winter CP is estimated

FMPA 2017 Load Forecast - Mild Weather Case
Green Cove Springs (Forecast Limited by the CROD)*
 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)				
		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	2007	126,976	-	128,327	-	1.1%	23.8	-	29.9	-	25.5%	27.5	-	26.7	-	-3.0%
	2008	126,805	-0.1%	127,568	-0.6%	0.6%	26.0	9.5%	28.0	-6.0%	7.7%	26.9	-2.4%	26.7	-0.1%	-0.7%
	2009	127,346	0.4%	126,929	-0.5%	-0.3%	31.4	20.7%	30.1	7.4%	-4.2%	27.0	0.5%	27.4	2.7%	1.4%
	2010	131,721	3.4%	124,596	-1.8%	-5.4%	33.6	7.0%	29.3	-2.7%	-12.9%	26.8	-0.6%	25.6	-6.4%	-4.5%
	2011	124,697	-5.3%	118,918	-4.6%	-4.6%	29.6	-11.9%	30.7	4.7%	3.6%	23.0	-14.4%	20.8	-19.0%	-9.5%
	2012	114,590	-8.1%	115,142	-3.2%	0.5%	26.6	-10.3%	26.3	-14.2%	-0.9%	24.0	4.7%	25.6	23.3%	6.6%
	2013	113,318	-1.1%	113,151	-1.7%	-0.1%	24.4	-8.3%	26.4	0.1%	8.2%	24.2	0.5%	25.0	-2.6%	3.3%
	2014	110,365	-2.6%	110,198	-2.6%	-0.2%	24.2	-0.6%	26.4	0.2%	9.0%	21.4	-11.4%	22.0	-12.0%	2.7%
	2015	111,412	0.9%	108,492	-1.5%	-2.6%	27.5	13.7%	26.6	0.6%	-3.5%	23.1	7.7%	26.6	21.2%	15.5%
	2016	113,675	2.0%	110,050	1.4%	-3.2%	24.8	-10.1%	27.1	2.1%	9.5%	24.4	5.9%	24.7	-7.2%	1.2%
Projected	2017	109,242	-3.9%	109,242	-0.7%		23.5	-5.1%	23.5	-13.3%		23.0	-5.7%	23.0	-6.8%	
	2018			112,562	3.0%				24.3	3.5%				23.8	3.5%	
	2019			117,890	4.7%				25.3	4.0%				24.8	4.0%	
	2020			110,977	-5.9%				24.1	-4.5%				23.7	-4.4%	
	2021			109,737	-1.1%				24.7	2.2%				24.2	2.2%	
	2022			112,272	2.3%				25.6	3.7%				24.3	0.2%	
	2023			111,615	-0.6%				25.2	-1.7%				24.3	0.0%	
	2024			111,391	-0.2%				25.4	0.7%				24.3	0.0%	
	2025			112,614	1.1%				25.6	0.9%				24.3	0.0%	
	2026			111,986	-0.6%				25.2	-1.6%				24.3	0.0%	
	2027			112,066	0.1%				25.2	0.0%				24.3	0.0%	
	2028			112,227	0.1%				25.2	0.2%				24.3	0.0%	
	2029			112,189	0.0%				25.2	-0.3%				24.3	0.0%	
	2030			112,311	0.1%				25.2	0.1%				24.3	0.0%	
	2031			112,381	0.1%				25.2	0.0%				24.3	0.0%	
	2032			112,502	0.1%				25.2	0.1%				24.3	0.0%	
	2033			112,441	-0.1%				25.1	-0.3%				24.3	0.0%	
	2034			112,557	0.1%				25.2	0.1%				24.3	0.0%	
	2035			112,624	0.1%				25.2	0.0%				24.3	0.0%	
	2036			112,751	0.1%				25.2	0.1%				24.3	0.0%	
CAGR ^[3]	2007-2016		-1.2%		-1.7%			0.4%		-1.1%			-1.3%		-0.9%	
	2017-2026				0.3%					0.8%					0.6%	
	2027-2036				0.1%					0.0%					0.0%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

* GCS's CROD is 27.61 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD.

The ratio of CROD/MaxD is used for calculation of scheduled energy and billed loads. (The ARP's winter peak is usually in January, but GCS' highest winter CP is estimated to be in Feb.)

FMPA 2017 Load Forecast - Mild Weather Case
Green Cove Springs (Forecast Limited by the CROD)*
 Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2007	126,976	-	128,327	-	1.1%	27.7	-	52.3%	28.1	-	51.6%
	2008	126,805	-0.1%	127,568	-0.6%	0.6%	26.1	-6.0%	55.5%	27.0	-3.9%	53.6%
	2009	127,346	0.4%	126,929	-0.5%	-0.3%	33.2	27.3%	43.8%	27.0	0.0%	53.8%
	2010	131,721	3.4%	124,596	-1.8%	-5.4%	33.6	1.3%	44.7%	27.4	1.3%	55.0%
	2011	124,697	-5.3%	118,918	-4.6%	-4.6%	31.1	-7.4%	45.7%	26.6	-2.9%	53.6%
	2012	114,590	-8.1%	115,142	-3.2%	0.5%	27.0	-13.2%	48.4%	24.1	-9.4%	54.4%
	2013	113,318	-1.1%	113,151	-1.7%	-0.1%	26.2	-3.1%	49.3%	24.7	2.6%	52.4%
	2014	110,365	-2.6%	110,198	-2.6%	-0.2%	26.8	2.1%	47.1%	24.1	-2.4%	52.3%
	2015	111,412	0.9%	108,492	-1.5%	-2.6%	27.5	2.8%	46.2%	24.6	2.2%	51.7%
	2016	113,675	2.0%	110,050	1.4%	-3.2%	26.1	-5.1%	49.7%	25.1	2.0%	51.7%
Projected	2017	109,242	-3.9%	109,242	-0.7%		26.1	-0.1%	47.8%	23.8	-5.3%	52.4%
	2018	112,562	3.0%	112,562	3.0%		27.0	3.5%	47.6%	24.6	3.5%	52.2%
	2019	117,890	4.7%	117,890	4.7%		28.1	4.0%	47.9%	25.6	4.0%	52.6%
	2020	110,977	-5.9%	110,977	-5.9%		27.0	-3.9%	47.0%	24.5	-4.2%	51.7%
	2021	109,737	-1.1%	109,737	-1.1%		27.6	2.2%	45.4%	25.1	2.2%	50.0%
	2022	112,272	2.3%	112,272	2.3%		27.6	0.2%	46.4%	25.1	0.2%	51.1%
	2023	111,615	-0.6%	111,615	-0.6%		27.6	0.0%	46.1%	25.1	0.0%	50.8%
	2024	111,391	-0.2%	111,391	-0.2%		27.6	0.0%	46.0%	25.1	0.0%	50.7%
	2025	112,614	1.1%	112,614	1.1%		27.6	0.0%	46.5%	25.1	0.0%	51.2%
	2026	111,986	-0.6%	111,986	-0.6%		27.6	0.0%	46.3%	25.1	0.0%	50.9%
	2027	112,066	0.1%	112,066	0.1%		27.6	0.0%	46.3%	25.1	0.0%	50.9%
	2028	112,227	0.1%	112,227	0.1%		27.6	0.0%	46.4%	25.1	0.0%	51.0%
	2029	112,189	0.0%	112,189	0.0%		27.6	0.0%	46.4%	25.1	0.0%	51.0%
	2030	112,311	0.1%	112,311	0.1%		27.6	0.0%	46.4%	25.1	0.0%	51.1%
	2031	112,381	0.1%	112,381	0.1%		27.6	0.0%	46.4%	25.1	0.0%	51.1%
	2032	112,502	0.1%	112,502	0.1%		27.6	0.0%	46.5%	25.1	0.0%	51.1%
	2033	112,441	-0.1%	112,441	-0.1%		27.6	0.0%	46.5%	25.1	0.0%	51.1%
	2034	112,557	0.1%	112,557	0.1%		27.6	0.0%	46.5%	25.1	0.0%	51.2%
	2035	112,624	0.1%	112,624	0.1%		27.6	0.0%	46.5%	25.1	0.0%	51.2%
	2036	112,751	0.1%	112,751	0.1%		27.6	0.0%	46.6%	25.1	0.0%	51.2%
CAGR [1]	2007-2016		-1.2%		-1.7%			-0.7%	48.3%		-1.3%	53.0%
	2017-2026		0.3%		0.3%			0.6%	46.7%		0.6%	51.4%
	2027-2036		0.1%		0.1%			0.0%	46.4%		0.0%	51.1%

* GCS's CROD is 27.61 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD.

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Mild Weather Case
Green Cove Springs (Forecast Limited by the CROD)
Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	27.7	25.2	22.1	19.6	21.3	25.2	25.9	28.1	24.8	24.2	18.7	21.9	27.7	28.1
	2008	26.1	24.6	20.4	18.3	22.6	25.8	25.9	27.0	25.2	21.9	23.4	25.5	26.1	27.0
	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	20.7	16.0	19.9	26.1	25.1
Projected	2017	24.0	26.1	18.0	17.4	20.7	23.1	22.6	23.8	21.8	19.6	16.6	20.6	26.1	23.8
	2018	24.8	27.0	18.6	18.0	21.4	23.9	23.4	24.6	22.6	20.3	17.3	21.4	27.0	24.6
	2019	25.8	28.1	19.4	18.7	22.2	24.9	24.3	25.6	23.5	21.1	17.6	21.8	28.1	25.6
	2020	24.6	27.0	18.1	17.5	21.1	23.8	23.2	24.5	22.4	19.9	16.3	20.6	27.0	24.5
	2021	25.2	27.6	18.5	17.9	21.6	24.3	23.8	25.1	22.9	20.4	17.0	21.4	27.6	25.1
	2022	26.1	27.6	18.6	18.0	21.6	24.3	23.8	25.1	22.9	20.4	16.7	21.1	27.6	25.1
	2023	25.7	27.6	18.6	18.0	21.6	24.3	23.8	25.1	22.9	20.4	16.8	21.2	27.6	25.1
	2024	25.9	27.6	18.6	18.0	21.6	24.3	23.8	25.1	22.9	20.4	17.0	21.4	27.6	25.1
	2025	26.1	27.6	18.6	18.0	21.6	24.3	23.8	25.1	22.9	20.5	16.7	21.1	27.6	25.1
Projected	2027	25.7	27.6	18.6	18.0	21.6	24.4	23.8	25.1	22.9	20.5	16.8	21.1	27.6	25.1
	2028	25.7	27.6	18.6	18.0	21.6	24.4	23.8	25.1	22.9	20.5	16.7	21.1	27.6	25.1
	2029	25.7	27.6	18.6	18.0	21.6	24.4	23.8	25.1	22.9	20.5	16.8	21.1	27.6	25.1
	2030	25.7	27.6	18.6	18.0	21.6	24.4	23.8	25.1	23.0	20.5	16.8	21.1	27.6	25.1
	2031	25.7	27.6	18.6	18.0	21.7	24.4	23.8	25.1	23.0	20.5	16.8	21.1	27.6	25.1
	2032	25.7	27.6	18.7	18.1	21.7	24.4	23.8	25.1	23.0	20.5	16.7	21.0	27.6	25.1
	2033	25.6	27.6	18.7	18.1	21.7	24.4	23.8	25.1	23.0	20.5	16.8	21.1	27.6	25.1
	2034	25.7	27.6	18.7	18.1	21.7	24.4	23.8	25.1	23.0	20.5	16.8	21.1	27.6	25.1
	2035	25.7	27.6	18.7	18.1	21.7	24.4	23.8	25.1	23.0	20.5	16.8	21.1	27.6	25.1
	2036	25.7	27.6	18.7	18.1	21.7	24.4	23.8	25.1	23.0	20.5	16.8	21.1	27.6	25.1

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	48.7%	54.3%	56.0%	63.3%	74.2%	62.7%	67.6%	66.9%	66.8%	60.3%	63.7%	61.1%	52.7%	51.9%
	2008	46.4%	53.0%	61.7%	69.5%	74.7%	62.7%	67.0%	62.2%	66.9%	63.4%	53.8%	52.5%	55.5%	53.5%
	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%
Projected	2016	49.5%	48.7%	64.0%	56.5%	63.5%	60.6%	67.4%	63.8%	67.2%	58.9%	67.4%	58.1%	50.1%	52.2%
	2017	49.0%	43.2%	61.4%	62.0%	67.6%	58.1%	66.5%	62.7%	63.5%	62.7%	68.4%	58.1%	48.1%	52.8%
	2018	49.3%	43.5%	61.0%	62.1%	67.4%	57.6%	66.1%	62.0%	62.7%	63.6%	68.9%	58.6%	48.1%	52.8%
	2019	49.6%	44.0%	61.5%	62.4%	67.9%	58.0%	66.4%	62.3%	63.1%	62.3%	68.9%	58.6%	48.1%	52.8%
	2020	47.1%	40.6%	59.0%	60.3%	65.6%	56.1%	64.6%	60.5%	61.2%	60.2%	66.9%	55.8%	45.8%	50.5%
	2021	46.9%	41.1%	58.8%	60.0%	65.3%	55.9%	64.3%	60.3%	61.0%	61.6%	67.5%	56.3%	45.9%	50.5%
	2022	47.2%	43.0%	59.3%	60.5%	65.8%	56.3%	64.7%	60.6%	61.4%	60.4%	67.5%	56.3%	46.2%	50.9%
	2023	47.3%	42.4%	59.3%	60.5%	65.9%	56.3%	64.7%	60.7%	61.4%	60.5%	67.0%	55.9%	46.1%	50.8%
	2024	47.0%	41.7%	58.9%	60.1%	65.4%	56.0%	64.3%	60.3%	61.1%	61.6%	67.7%	56.5%	46.2%	50.9%
Avg.	2007-2016	49.2%	49.2%	59.9%	61.1%	69.0%	60.9%	67.2%	64.2%	64.8%	60.2%	58.7%	60.0%	48.2%	52.9%
	2017-2026	47.8%	42.6%	59.8%	60.9%	66.3%	56.7%	65.1%	61.1%	61.8%	61.4%	67.8%	56.9%	46.7%	51.4%

* GCS's CROD is 27.61 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD.
The ratio of CROD/MaxD is used for calculation of scheduled energy and billed loads. (The ARP's winter peak is usually in January, but GCS' highest winter CP is estimated

FMPA 2017 Load Forecast - Mild Weather Case
Green Cove Springs (Forecast Limited by the CROD)
Monthly Coincident-Peak Demand with ARP (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	27.7	23.8	16.8	18.5	21.1	24.6	25.7	27.5	24.8	22.9	17.0	17.0	23.8	27.5
	2008	26.0	22.6	16.5	17.9	22.0	25.8	25.6	26.9	24.6	21.9	17.2	25.5	26.0	26.9
	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
Projected	2016	26.1	24.8	16.3	19.1	22.7	24.5	24.4	24.9	21.0	19.4	15.6	18.0	24.8	24.4
	2017	23.5	26.1	16.8	16.8	20.0	22.4	21.5	23.0	21.1	18.4	16.1	18.7	23.5	23.0
	2018	24.3	27.0	17.4	17.4	20.7	23.2	22.2	23.8	21.8	19.0	16.8	19.4	24.3	23.8
	2019	25.3	28.1	18.1	18.1	21.6	24.1	23.1	24.8	22.7	19.8	17.1	19.7	25.3	24.8
	2020	24.1	27.0	16.9	16.9	20.4	23.0	22.0	23.7	21.6	18.6	15.9	18.6	24.1	23.7
	2021	24.7	27.6	17.2	17.3	20.9	23.5	22.5	24.2	22.1	19.0	16.5	19.3	24.7	24.2
	2022	25.6	27.6	17.3	17.4	20.9	23.6	22.5	24.3	22.1	19.1	16.2	18.9	25.6	24.3
	2023	25.2	27.6	17.3	17.4	20.9	23.6	22.5	24.3	22.1	19.1	16.3	19.1	25.2	24.3
	2024	25.4	27.6	17.3	17.4	20.9	23.6	22.5	24.3	22.1	19.1	16.5	19.3	25.4	24.3
Projected	2025	25.6	27.6	17.3	17.4	20.9	23.6	22.5	24.3	22.1	19.1	16.2	19.0	25.6	24.3
	2026	25.2	27.6	17.3	17.4	20.9	23.6	22.6	24.3	22.1	19.1	16.2	19.0	25.2	24.3
	2027	25.2	27.6	17.3	17.4	20.9	23.6	22.6	24.3	22.1	19.1	16.3	19.0	25.2	24.3
	2028	25.2	27.6	17.4	17.4	21.0	23.6	22.6	24.3	22.1	19.1	16.2	19.0	25.2	24.3
	2029	25.2	27.6	17.4	17.4	21.0	23.6	22.6	24.3	22.1	19.1	16.3	19.0	25.2	24.3
	2030	25.2	27.6	17.4	17.4	21.0	23.6	22.6	24.3	22.1	19.1	16.3	19.0	25.2	24.3
	2031	25.2	27.6	17.4	17.4	21.0	23.6	22.6	24.3	22.1	19.1	16.3	19.0	25.2	24.3
	2032	25.2	27.6	17.4	17.4	21.0	23.6	22.6	24.3	22.1	19.1	16.2	19.0	25.2	24.3
	2033	25.1	27.6	17.4	17.4	21.0	23.6	22.6	24.3	22.1	19.1	16.3	19.0	25.1	24.3
Projected	2034	25.2	27.6	17.4	17.5	21.0	23.6	22.6	24.3	22.2	19.1	16.3	19.0	25.2	24.3
	2035	25.2	27.6	17.4	17.5	21.0	23.6	22.6	24.3	22.2	19.1	16.3	19.0	25.2	24.3
	2036	25.2	27.6	17.4	17.5	21.0	23.6	22.6	24.3	22.2	19.2	16.3	19.0	25.2	24.3

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	100.0%	94.4%	76.0%	94.6%	99.1%	97.3%	99.2%	98.0%	100.0%	94.3%	91.0%	77.6%	85.9%	98.0%
	2008	99.9%	92.0%	81.0%	97.8%	97.3%	100.0%	99.1%	99.4%	97.5%	100.0%	73.4%	100.0%	99.9%	99.4%
	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%
Projected	2016	100.0%	100.0%	97.5%	100.0%	100.0%	100.0%	97.3%	99.4%	96.7%	93.8%	97.2%	90.7%	94.8%	97.3%
	2017	98.1%	100.0%	93.6%	96.8%	97.0%	97.0%	95.0%	96.8%	96.6%	93.8%	97.2%	90.7%	90.1%	96.8%
	2018	98.1%	100.0%	93.6%	96.8%	97.0%	97.0%	95.0%	96.8%	96.6%	93.8%	97.2%	90.7%	90.1%	96.8%
	2019	98.1%	100.0%	93.6%	96.8%	97.0%	97.0%	95.0%	96.8%	96.6%	93.8%	97.2%	90.7%	90.1%	96.8%
	2020	98.0%	100.0%	93.1%	96.6%	96.8%	96.8%	94.7%	96.6%	96.4%	93.3%	96.9%	89.9%	89.5%	96.6%
	2021	98.0%	100.0%	93.1%	96.6%	96.8%	96.9%	94.7%	96.6%	96.4%	93.3%	97.0%	90.0%	89.5%	96.6%
	2022	98.0%	100.0%	93.1%	96.6%	96.8%	96.9%	94.7%	96.6%	96.4%	93.3%	97.0%	90.0%	92.7%	96.6%
	2023	98.0%	100.0%	93.1%	96.6%	96.8%	96.9%	94.7%	96.6%	96.4%	93.3%	97.0%	90.0%	91.1%	96.6%
	2024	98.0%	100.0%	93.1%	96.6%	96.8%	96.9%	94.7%	96.7%	96.4%	93.3%	97.0%	90.0%	91.8%	96.7%
Projected	2025	98.0%	100.0%	93.2%	96.6%	96.8%	96.9%	94.7%	96.7%	96.4%	93.3%	97.0%	90.0%	92.6%	96.7%
	2026	98.0%	100.0%	93.2%	96.6%	96.8%	96.9%	94.7%	96.7%	96.4%	93.3%	97.0%	90.0%	91.1%	96.7%
Projected	2007-2016	98.3%	97.6%	91.5%	97.0%	96.9%	98.1%	97.0%	96.4%	97.1%	97.0%	85.9%	91.5%	95.2%	96.0%
	2017-2026	98.0%	100.0%	93.3%	96.6%	96.9%	96.9%	94.8%	96.7%	96.5%	93.4%	97.0%	90.2%	90.8%	96.7%

* GCS's CROD is 27.61 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD.
The ratio of CROD/MaxD is used for calculation of scheduled energy and billed loads. (The ARP's winter peak is usually in January, but GCS' highest winter CP is estimated

FMPA 2017 Load Forecast - Severe Weather Case
Green Cove Springs (Forecast Limited by the CROD)*
 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)				
		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	2007	126,976	-	128,327	-	1.1%	23.8	-	29.9	-	25.5%	27.5	-	26.7	-	-3.0%
	2008	126,805	-0.1%	127,568	-0.6%	0.6%	26.0	9.5%	28.0	-6.0%	7.7%	26.9	-2.4%	26.7	-0.1%	-0.7%
	2009	127,346	0.4%	126,929	-0.5%	-0.3%	31.4	20.7%	30.1	7.4%	-4.2%	27.0	0.5%	27.4	2.7%	1.4%
	2010	131,721	3.4%	124,596	-1.8%	-5.4%	33.6	7.0%	29.3	-2.7%	-12.9%	26.8	-0.6%	25.6	-6.4%	-4.5%
	2011	124,697	-5.3%	118,918	-4.6%	-4.6%	29.6	-11.9%	30.7	4.7%	3.6%	23.0	-14.4%	20.8	-19.0%	-9.5%
	2012	114,590	-8.1%	115,142	-3.2%	0.5%	26.6	-10.3%	26.3	-14.2%	-0.9%	24.0	4.7%	25.6	23.3%	6.6%
	2013	113,318	-1.1%	113,151	-1.7%	-0.1%	24.4	-8.3%	26.4	0.1%	8.2%	24.2	0.5%	25.0	-2.6%	3.3%
	2014	110,365	-2.6%	110,198	-2.6%	-0.2%	24.2	-0.6%	26.4	0.2%	9.0%	21.4	-11.4%	22.0	-12.0%	2.7%
	2015	111,412	0.9%	108,492	-1.5%	-2.6%	27.5	13.7%	26.6	0.6%	-3.5%	23.1	7.7%	26.6	21.2%	15.5%
	2016	113,675	2.0%	110,050	1.4%	-3.2%	24.8	-10.1%	27.1	2.1%	9.5%	24.4	5.9%	24.7	-7.2%	1.2%
Projected	2017	118,609	4.3%	118,609	7.8%		25.5	3.1%	25.5	-5.9%		25.0	2.3%	25.0	1.1%	
	2018			122,486	3.3%				26.4	3.6%				25.9	3.6%	
	2019			128,071	4.6%				27.4	3.8%				26.9	3.8%	
	2020			116,127	-9.3%				25.2	-8.2%				24.3	-9.8%	
	2021			111,501	-4.0%				25.3	0.4%				24.3	0.0%	
	2022			112,900	1.3%				25.6	1.3%				24.3	0.0%	
	2023			112,217	-0.6%				25.2	-1.7%				24.3	0.0%	
	2024			112,018	-0.2%				25.4	0.7%				24.3	0.0%	
	2025			113,138	1.0%				25.6	0.8%				24.3	0.0%	
	2026			112,551	-0.5%				25.2	-1.5%				24.3	0.0%	
	2027			112,625	0.1%				25.2	0.0%				24.3	0.0%	
	2028			112,786	0.1%				25.2	0.2%				24.3	0.0%	
	2029			112,736	0.0%				25.2	-0.3%				24.3	0.0%	
	2030			112,855	0.1%				25.2	0.1%				24.3	0.0%	
	2031			112,919	0.1%				25.2	0.0%				24.3	0.0%	
	2032			113,038	0.1%				25.2	0.1%				24.3	0.0%	
	2033			112,964	-0.1%				25.1	-0.3%				24.3	0.0%	
	2034			113,078	0.1%				25.2	0.1%				24.3	0.0%	
	2035			113,141	0.1%				25.2	0.0%				24.3	0.0%	
	2036			113,264	0.1%				25.2	0.1%				24.3	0.0%	
CAGR ^[3]	2007-2016		-1.2%		-1.7%			0.4%		-1.1%			-1.3%		-0.9%	
	2017-2026				-0.6%					-0.1%					-0.3%	
	2027-2036				0.1%					0.0%					0.0%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

* GCS's CROD is 27.61 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD.

The ratio of CROD/MaxD is used for calculation of scheduled energy and billed loads. (The ARP's winter peak is usually in January, but GCS' highest winter CP is estimated to be in Feb.)

FMPA 2017 Load Forecast - Severe Weather Case
Green Cove Springs (Forecast Limited by the CROD)*
Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		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	2007	126,976	-	128,327	-	1.1%	27.7	-	52.3%	28.1	-	51.6%
	2008	126,805	-0.1%	127,568	-0.6%	0.6%	26.1	-6.0%	55.5%	27.0	-3.9%	53.6%
	2009	127,346	0.4%	126,929	-0.5%	-0.3%	33.2	27.3%	43.8%	27.0	0.0%	53.8%
	2010	131,721	3.4%	124,596	-1.8%	-5.4%	33.6	1.3%	44.7%	27.4	1.3%	55.0%
	2011	124,697	-5.3%	118,918	-4.6%	-4.6%	31.1	-7.4%	45.7%	26.6	-2.9%	53.6%
	2012	114,590	-8.1%	115,142	-3.2%	0.5%	27.0	-13.2%	48.4%	24.1	-9.4%	54.4%
	2013	113,318	-1.1%	113,151	-1.7%	-0.1%	26.2	-3.1%	49.3%	24.7	2.6%	52.4%
	2014	110,365	-2.6%	110,198	-2.6%	-0.2%	26.8	2.1%	47.1%	24.1	-2.4%	52.3%
	2015	111,412	0.9%	108,492	-1.5%	-2.6%	27.5	2.8%	46.2%	24.6	2.2%	51.7%
	2016	113,675	2.0%	110,050	1.4%	-3.2%	26.1	-5.1%	49.7%	25.1	2.0%	51.7%
Projected	2017	118,609	4.3%	118,609	7.8%		28.3	8.5%	47.8%	25.8	2.8%	52.4%
	2018	122,486	3.3%	122,486	3.3%		29.3	3.6%	47.7%	26.7	3.6%	52.3%
	2019	128,071	4.6%	128,071	4.6%		30.5	3.8%	48.0%	27.8	3.8%	52.7%
	2020	116,127	-9.3%	116,127	-9.3%		27.6	-9.3%	48.0%	25.1	-9.6%	52.8%
	2021	111,501	-4.0%	111,501	-4.0%		27.6	0.0%	46.1%	25.1	0.0%	50.7%
	2022	112,900	1.3%	112,900	1.3%		27.6	0.0%	46.7%	25.1	0.0%	51.3%
	2023	112,217	-0.6%	112,217	-0.6%		27.6	0.0%	46.4%	25.1	0.0%	51.0%
	2024	112,018	-0.2%	112,018	-0.2%		27.6	0.0%	46.3%	25.1	0.0%	50.9%
	2025	113,138	1.0%	113,138	1.0%		27.6	0.0%	46.7%	25.1	0.0%	51.4%
	2026	112,551	-0.5%	112,551	-0.5%		27.6	0.0%	46.5%	25.1	0.0%	51.2%
	2027	112,625	0.1%	112,625	0.1%		27.6	0.0%	46.5%	25.1	0.0%	51.2%
	2028	112,786	0.1%	112,786	0.1%		27.6	0.0%	46.6%	25.1	0.0%	51.3%
	2029	112,736	0.0%	112,736	0.0%		27.6	0.0%	46.6%	25.1	0.0%	51.2%
	2030	112,855	0.1%	112,855	0.1%		27.6	0.0%	46.6%	25.1	0.0%	51.3%
	2031	112,919	0.1%	112,919	0.1%		27.6	0.0%	46.7%	25.1	0.0%	51.3%
	2032	113,038	0.1%	113,038	0.1%		27.6	0.0%	46.7%	25.1	0.0%	51.4%
	2033	112,964	-0.1%	112,964	-0.1%		27.6	0.0%	46.7%	25.1	0.0%	51.3%
	2034	113,078	0.1%	113,078	0.1%		27.6	0.0%	46.7%	25.1	0.0%	51.4%
	2035	113,141	0.1%	113,141	0.1%		27.6	0.0%	46.8%	25.1	0.0%	51.4%
	2036	113,264	0.1%	113,264	0.1%		27.6	0.0%	46.8%	25.1	0.0%	51.5%
CAGR ^[1]	2007-2016		-1.2%		-1.7%			-0.7%	48.3%		-1.3%	53.0%
	2017-2026		-0.6%		-0.6%			-0.3%	47.0%		-0.3%	51.7%
	2027-2036		0.1%		0.1%			0.0%	46.7%		0.0%	51.3%

* GCS's CROD is 27.61 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD.

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Severe Weather Case
Green Cove Springs (Forecast Limited by the CROD)
Monthly Net Energy for Load (MWh)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2007	10,033	9,206	9,187	9,222	10,601	11,773	12,630	14,001	11,936	10,881	8,863	9,621	127,953	126,976
	2008	9,003	9,056	9,364	9,485	11,370	12,040	12,469	12,516	12,137	10,328	9,381	9,626	126,776	126,805
	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	9,070	8,045	9,652	116,041	113,675
Projected	2017	10,759	8,817	8,380	8,029	9,376	10,891	12,141	12,456	10,992	9,274	8,444	10,003	119,564	118,609
	2018	11,226	9,229	8,627	8,314	9,683	11,177	12,504	12,751	11,255	9,733	8,848	10,490	123,836	122,486
	2019	11,720	9,655	9,030	8,698	10,146	11,693	13,031	13,289	11,737	9,915	9,007	10,671	128,593	128,071
	2020	10,402	8,640	7,633	7,382	8,731	10,239	11,486	11,733	10,287	8,517	7,646	9,204	111,901	116,127
	2021	10,403	8,485	7,611	7,359	8,701	10,201	11,442	11,686	10,246	8,704	7,832	9,401	112,070	111,501
	2022	10,578	8,654	7,676	7,432	8,788	10,284	11,498	11,742	10,311	8,562	7,705	9,249	112,479	112,900
	2023	10,408	8,515	7,683	7,437	8,793	10,289	11,506	11,750	10,319	8,570	7,713	9,258	112,242	112,217
	2024	10,421	8,682	7,641	7,394	8,739	10,226	11,436	11,679	10,258	8,722	7,865	9,418	112,482	112,018
	2025	10,560	8,662	7,711	7,470	8,831	10,315	11,504	11,747	10,332	8,600	7,755	9,285	112,773	113,138
	2026	10,416	8,543	7,719	7,475	8,834	10,320	11,512	11,754	10,339	8,606	7,761	9,292	112,570	112,551
Projected	2027	10,428	8,551	7,726	7,480	8,837	10,323	11,517	11,760	10,344	8,612	7,766	9,301	112,645	112,625
	2028	10,444	8,720	7,722	7,473	8,828	10,314	11,511	11,754	10,340	8,608	7,761	9,295	112,770	112,786
	2029	10,443	8,561	7,740	7,487	8,842	10,331	11,533	11,775	10,359	8,622	7,773	9,310	112,778	112,736
	2030	10,466	8,578	7,748	7,491	8,844	10,335	11,540	11,782	10,365	8,627	7,776	9,314	112,866	112,855
	2031	10,476	8,584	7,756	7,496	8,847	10,339	11,546	11,788	10,370	8,630	7,778	9,316	112,925	112,919
	2032	10,484	8,744	7,754	7,490	8,838	10,329	11,537	11,778	10,361	8,621	7,769	9,306	113,011	113,038
	2033	10,478	8,582	7,770	7,503	8,851	10,346	11,558	11,799	10,380	8,636	7,782	9,322	113,007	112,964
	2034	10,501	8,600	7,776	7,506	8,853	10,349	11,564	11,805	10,386	8,641	7,785	9,327	113,092	113,078
	2035	10,513	8,608	7,782	7,509	8,854	10,352	11,570	11,811	10,391	8,645	7,788	9,331	113,153	113,141
	2036	10,523	8,769	7,778	7,502	8,844	10,341	11,560	11,800	10,382	8,637	7,780	9,322	113,239	113,264

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2007	7.8%	7.2%	7.2%	7.2%	8.3%	9.2%	9.9%	10.9%	9.3%	8.5%	6.9%	7.5%	100.0%
	2008	7.1%	7.1%	7.4%	7.5%	9.0%	9.5%	9.8%	9.9%	9.6%	8.1%	7.4%	7.6%	100.0%
	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	8.3%	7.2%	6.9%	6.9%	8.3%	9.5%	10.5%	10.2%	9.1%	7.8%	6.9%	8.3%	100.0%
Projected	2017	9.0%	7.4%	7.0%	6.7%	7.8%	9.1%	10.2%	10.4%	9.2%	7.8%	7.1%	8.4%	100.0%
	2018	9.1%	7.5%	7.0%	6.7%	7.8%	9.0%	10.1%	10.3%	9.1%	7.9%	7.1%	8.5%	100.0%
	2019	9.1%	7.5%	7.0%	6.8%	7.9%	9.1%	10.1%	10.3%	9.1%	7.7%	7.0%	8.3%	100.0%
	2020	9.3%	7.7%	6.8%	6.6%	7.8%	9.2%	10.3%	10.5%	9.2%	7.6%	6.8%	8.2%	100.0%
	2021	9.3%	7.6%	6.8%	6.6%	7.8%	9.1%	10.2%	10.4%	9.1%	7.8%	7.0%	8.4%	100.0%
	2022	9.4%	7.7%	6.8%	6.6%	7.8%	9.1%	10.2%	10.4%	9.2%	7.6%	6.9%	8.2%	100.0%
	2023	9.3%	7.6%	6.8%	6.6%	7.8%	9.2%	10.3%	10.5%	9.2%	7.6%	6.9%	8.2%	100.0%
	2024	9.3%	7.7%	6.8%	6.6%	7.8%	9.1%	10.2%	10.4%	9.1%	7.8%	7.0%	8.4%	100.0%
	2025	9.4%	7.7%	6.8%	6.6%	7.8%	9.1%	10.2%	10.4%	9.2%	7.6%	6.9%	8.2%	100.0%
	2026	9.3%	7.6%	6.9%	6.6%	7.8%	9.2%	10.2%	10.4%	9.2%	7.6%	6.9%	8.3%	100.0%
Avg.	2007-2016	8.4%	7.3%	7.2%	7.3%	8.6%	9.4%	10.0%	10.2%	9.2%	7.9%	6.9%	7.7%	100.0%
	2017-2026	9.2%	7.6%	6.9%	6.6%	7.8%	9.1%	10.2%	10.4%	9.2%	7.7%	7.0%	8.3%	100.0%

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

* GCS's CROD is 27.61 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD.
The ratio of CROD/MaxD is used for calculation of scheduled energy and billed loads. (The ARP's winter peak is usually in January, but GCS' highest winter CP is estimated to be in Fe

FMPA 2017 Load Forecast - Severe Weather Case
Green Cove Springs (Forecast Limited by the CROD)
Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	27.7	25.2	22.1	19.6	21.3	25.2	25.9	28.1	24.8	24.2	18.7	21.9	27.7	28.1
	2008	26.1	24.6	20.4	18.3	22.6	25.8	25.9	27.0	25.2	21.9	23.4	25.5	26.1	27.0
	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	20.7	17.4	21.6	26.1	25.1
Projected	2017	26.0	28.3	19.5	18.9	22.4	25.1	24.5	25.8	23.7	21.3	18.0	22.4	28.3	25.8
	2018	26.9	29.3	20.2	19.6	23.2	26.0	25.4	26.7	24.5	22.0	18.7	23.2	29.3	26.7
	2019	28.0	30.5	21.0	20.3	24.1	27.0	26.4	27.8	25.5	22.9	19.1	23.6	30.5	27.8
	2020	25.7	27.6	18.6	18.0	21.6	24.3	23.8	25.1	22.9	20.4	16.8	21.2	27.6	25.1
	2021	25.8	27.6	18.6	18.0	21.6	24.3	23.8	25.1	22.9	20.5	17.0	21.4	27.6	25.1
	2022	26.1	27.6	18.6	18.0	21.6	24.4	23.8	25.1	22.9	20.5	16.7	21.1	27.6	25.1
	2023	25.7	27.6	18.6	18.0	21.6	24.4	23.8	25.1	22.9	20.5	16.9	21.2	27.6	25.1
	2024	25.9	27.6	18.6	18.0	21.6	24.4	23.8	25.1	22.9	20.5	17.0	21.4	27.6	25.1
	2025	26.1	27.6	18.6	18.0	21.6	24.4	23.8	25.1	23.0	20.5	16.8	21.1	27.6	25.1
Projected	2027	25.7	27.6	18.7	18.1	21.7	24.4	23.8	25.1	23.0	20.5	16.8	21.2	27.6	25.1
	2028	25.8	27.6	18.7	18.1	21.7	24.4	23.8	25.1	23.0	20.5	16.8	21.1	27.6	25.1
	2029	25.7	27.6	18.7	18.1	21.7	24.4	23.8	25.1	23.0	20.5	16.8	21.1	27.6	25.1
	2030	25.7	27.6	18.7	18.1	21.7	24.4	23.8	25.1	23.0	20.5	16.8	21.1	27.6	25.1
	2031	25.7	27.6	18.7	18.1	21.7	24.4	23.8	25.1	23.0	20.5	16.8	21.1	27.6	25.1
	2032	25.7	27.6	18.7	18.1	21.7	24.4	23.8	25.1	23.0	20.5	16.8	21.1	27.6	25.1
	2033	25.6	27.6	18.7	18.1	21.7	24.4	23.8	25.1	23.0	20.5	16.8	21.1	27.6	25.1
	2034	25.7	27.6	18.7	18.1	21.7	24.4	23.8	25.1	23.0	20.5	16.8	21.1	27.6	25.1
	2035	25.7	27.6	18.7	18.1	21.7	24.4	23.8	25.1	23.0	20.5	16.8	21.1	27.6	25.1
	2036	25.7	27.6	18.7	18.1	21.7	24.4	23.8	25.1	23.0	20.5	16.8	21.1	27.6	25.1

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	48.7%	54.3%	56.0%	63.3%	74.2%	62.7%	67.6%	66.9%	66.8%	60.3%	63.7%	61.1%	52.7%	51.9%
	2008	46.4%	53.0%	61.7%	69.5%	74.7%	62.7%	67.0%	62.2%	66.9%	63.4%	53.8%	52.5%	55.5%	53.5%
	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%
Projected	2016	49.5%	48.7%	64.0%	56.5%	63.5%	60.6%	67.4%	63.8%	67.2%	58.9%	62.1%	62.1%	50.7%	52.8%
	2017	55.6%	46.3%	57.7%	57.1%	62.2%	58.4%	68.7%	64.9%	64.4%	58.6%	62.9%	62.2%	48.2%	52.9%
	2018	56.0%	46.8%	57.3%	57.1%	62.0%	57.8%	68.3%	64.1%	63.7%	59.3%	63.5%	62.8%	48.2%	52.9%
	2019	56.3%	47.2%	57.8%	57.5%	62.6%	58.3%	68.6%	64.3%	64.0%	58.2%	63.5%	62.8%	48.2%	52.9%
	2020	54.4%	44.9%	55.2%	55.2%	60.1%	56.5%	67.0%	62.8%	62.3%	56.0%	61.2%	60.4%	46.2%	50.9%
	2021	54.2%	45.7%	55.0%	55.0%	59.9%	56.3%	66.8%	62.6%	62.0%	57.2%	61.9%	60.9%	46.3%	51.0%
	2022	54.4%	46.6%	55.4%	55.5%	60.5%	56.8%	67.1%	62.9%	62.4%	56.2%	61.9%	60.9%	46.5%	51.1%
	2023	54.4%	45.9%	55.5%	55.5%	60.5%	56.8%	67.1%	62.9%	62.5%	56.3%	61.5%	60.6%	46.4%	51.0%
	2024	54.1%	45.2%	55.1%	55.1%	60.1%	56.4%	66.7%	62.5%	62.1%	57.3%	62.1%	61.1%	46.5%	51.1%
Avg.	2007-2016	49.2%	49.2%	59.9%	61.1%	69.0%	60.9%	67.2%	64.2%	64.8%	60.2%	58.1%	60.4%	48.2%	52.9%
	2017-2026	54.8%	46.1%	56.0%	55.9%	60.9%	57.1%	67.4%	63.3%	62.8%	57.2%	62.3%	61.4%	47.0%	51.6%

* GCS's CROD is 27.61 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD.
The ratio of CROD/MaxD is used for calculation of scheduled energy and billed loads. (The ARP's winter peak is usually in January, but GCS' highest winter CP is estimated

FMPA 2017 Load Forecast - Severe Weather Case
Green Cove Springs (Forecast Limited by the CROD)
 Monthly Coincident-Peak Demand with ARP (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	27.7	23.8	16.8	18.5	21.1	24.6	25.7	27.5	24.8	22.9	17.0	17.0	23.8	27.5
	2008	26.0	22.6	16.5	17.9	22.0	25.8	25.6	26.9	24.6	21.9	17.2	25.5	26.0	26.9
	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
Projected	2016	26.1	24.8	16.3	19.1	22.7	24.5	24.4	24.9	21.0	19.4	16.9	19.6	24.8	24.4
	2017	25.5	28.3	18.3	18.3	21.8	24.3	23.3	25.0	22.9	20.0	17.5	20.3	25.5	25.0
	2018	26.4	29.3	18.9	18.9	22.5	25.2	24.2	25.9	23.7	20.7	18.2	21.0	26.4	25.9
	2019	27.4	30.5	19.7	19.7	23.4	26.2	25.1	26.9	24.6	21.5	18.5	21.4	27.4	26.9
	2020	25.2	27.6	17.3	17.4	20.9	23.6	22.5	24.3	22.1	19.1	16.3	19.0	25.2	24.3
	2021	25.3	27.6	17.3	17.4	20.9	23.6	22.5	24.3	22.1	19.1	16.5	19.3	25.3	24.3
	2022	25.6	27.6	17.3	17.4	20.9	23.6	22.6	24.3	22.1	19.1	16.2	19.0	25.6	24.3
	2023	25.2	27.6	17.3	17.4	20.9	23.6	22.6	24.3	22.1	19.1	16.4	19.1	25.2	24.3
	2024	25.4	27.6	17.4	17.4	21.0	23.6	22.6	24.3	22.1	19.1	16.5	19.3	25.4	24.3
Projected	2025	25.6	27.6	17.4	17.4	21.0	23.6	22.6	24.3	22.1	19.1	16.3	19.0	25.6	24.3
	2026	25.2	27.6	17.4	17.4	21.0	23.6	22.6	24.3	22.1	19.1	16.3	19.0	25.2	24.3
	2027	25.2	27.6	17.4	17.4	21.0	23.6	22.6	24.3	22.1	19.1	16.3	19.1	25.2	24.3
	2028	25.2	27.6	17.4	17.4	21.0	23.6	22.6	24.3	22.2	19.1	16.3	19.0	25.2	24.3
	2029	25.2	27.6	17.4	17.5	21.0	23.6	22.6	24.3	22.2	19.1	16.3	19.0	25.2	24.3
	2030	25.2	27.6	17.4	17.5	21.0	23.6	22.6	24.3	22.2	19.2	16.3	19.0	25.2	24.3
	2031	25.2	27.6	17.4	17.5	21.0	23.6	22.6	24.3	22.2	19.2	16.3	19.1	25.2	24.3
	2032	25.2	27.6	17.4	17.5	21.0	23.6	22.6	24.3	22.2	19.2	16.3	19.0	25.2	24.3
	2033	25.1	27.6	17.4	17.5	21.0	23.6	22.6	24.3	22.2	19.2	16.3	19.0	25.1	24.3
Projected	2034	25.2	27.6	17.4	17.5	21.0	23.6	22.6	24.3	22.2	19.2	16.3	19.0	25.2	24.3
	2035	25.2	27.6	17.4	17.5	21.0	23.6	22.6	24.3	22.2	19.2	16.3	19.1	25.2	24.3
	2036	25.2	27.6	17.4	17.5	21.0	23.6	22.6	24.3	22.2	19.2	16.3	19.0	25.2	24.3

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	100.0%	94.4%	76.0%	94.6%	99.1%	97.3%	99.2%	98.0%	100.0%	94.3%	91.0%	77.6%	85.9%	98.0%
	2008	99.9%	92.0%	81.0%	97.8%	97.3%	100.0%	99.1%	99.4%	97.5%	100.0%	73.4%	100.0%	99.9%	99.4%
	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%
Projected	2016	100.0%	100.0%	97.5%	100.0%	100.0%	100.0%	97.3%	99.4%	96.7%	93.8%	97.2%	90.7%	94.8%	97.3%
	2017	98.1%	100.0%	93.6%	96.8%	97.0%	97.0%	95.0%	96.8%	96.6%	93.8%	97.2%	90.7%	90.1%	96.8%
	2018	98.1%	100.0%	93.6%	96.8%	97.0%	97.0%	95.0%	96.8%	96.6%	93.8%	97.2%	90.7%	90.1%	96.8%
	2019	98.1%	100.0%	93.6%	96.8%	97.0%	97.0%	95.0%	96.8%	96.6%	93.8%	97.2%	90.7%	90.1%	96.8%
	2020	98.0%	100.0%	93.1%	96.6%	96.8%	96.9%	94.7%	96.7%	96.4%	93.3%	97.0%	90.0%	91.2%	96.7%
	2021	98.0%	100.0%	93.1%	96.6%	96.8%	96.9%	94.7%	96.7%	96.4%	93.3%	97.0%	90.0%	91.5%	96.7%
	2022	98.0%	100.0%	93.2%	96.6%	96.8%	96.9%	94.7%	96.7%	96.4%	93.3%	97.0%	90.0%	92.7%	96.7%
	2023	98.0%	100.0%	93.2%	96.6%	96.8%	96.9%	94.7%	96.7%	96.4%	93.3%	97.0%	90.0%	91.2%	96.7%
	2024	98.0%	100.0%	93.2%	96.6%	96.8%	96.9%	94.7%	96.7%	96.5%	93.4%	97.0%	90.1%	91.8%	96.7%
Projected	2025	98.0%	100.0%	93.2%	96.6%	96.8%	96.9%	94.8%	96.7%	96.5%	93.4%	97.0%	90.1%	92.5%	96.7%
	2026	98.0%	100.0%	93.2%	96.6%	96.8%	96.9%	94.8%	96.7%	96.5%	93.4%	97.0%	90.1%	91.2%	96.7%
Projected	2007-2016	98.3%	97.6%	91.5%	97.0%	96.9%	98.1%	97.0%	96.4%	97.1%	97.0%	85.9%	91.5%	95.2%	96.0%
	2017-2026	98.0%	100.0%	93.3%	96.7%	96.9%	96.9%	94.8%	96.7%	96.5%	93.5%	97.1%	90.2%	91.2%	96.7%

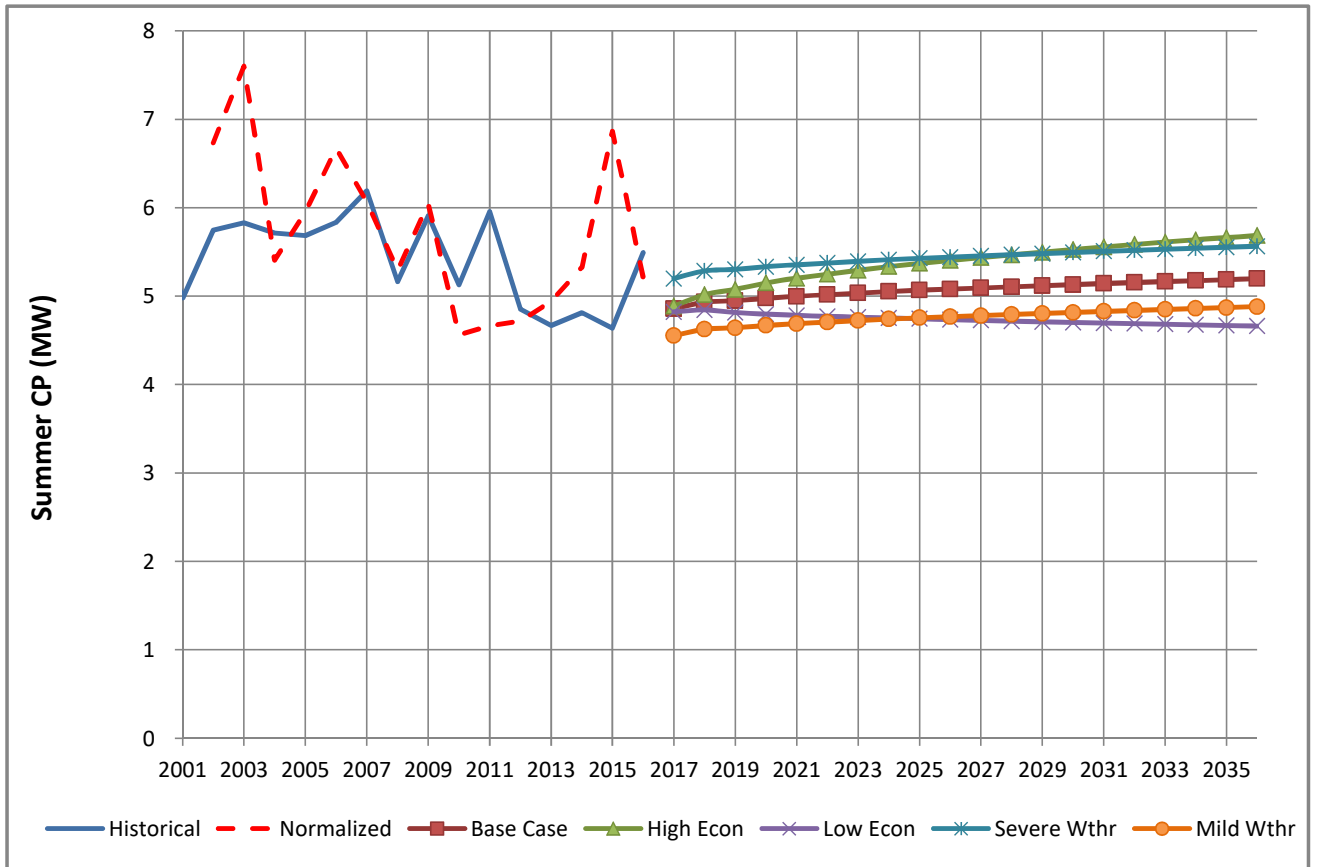
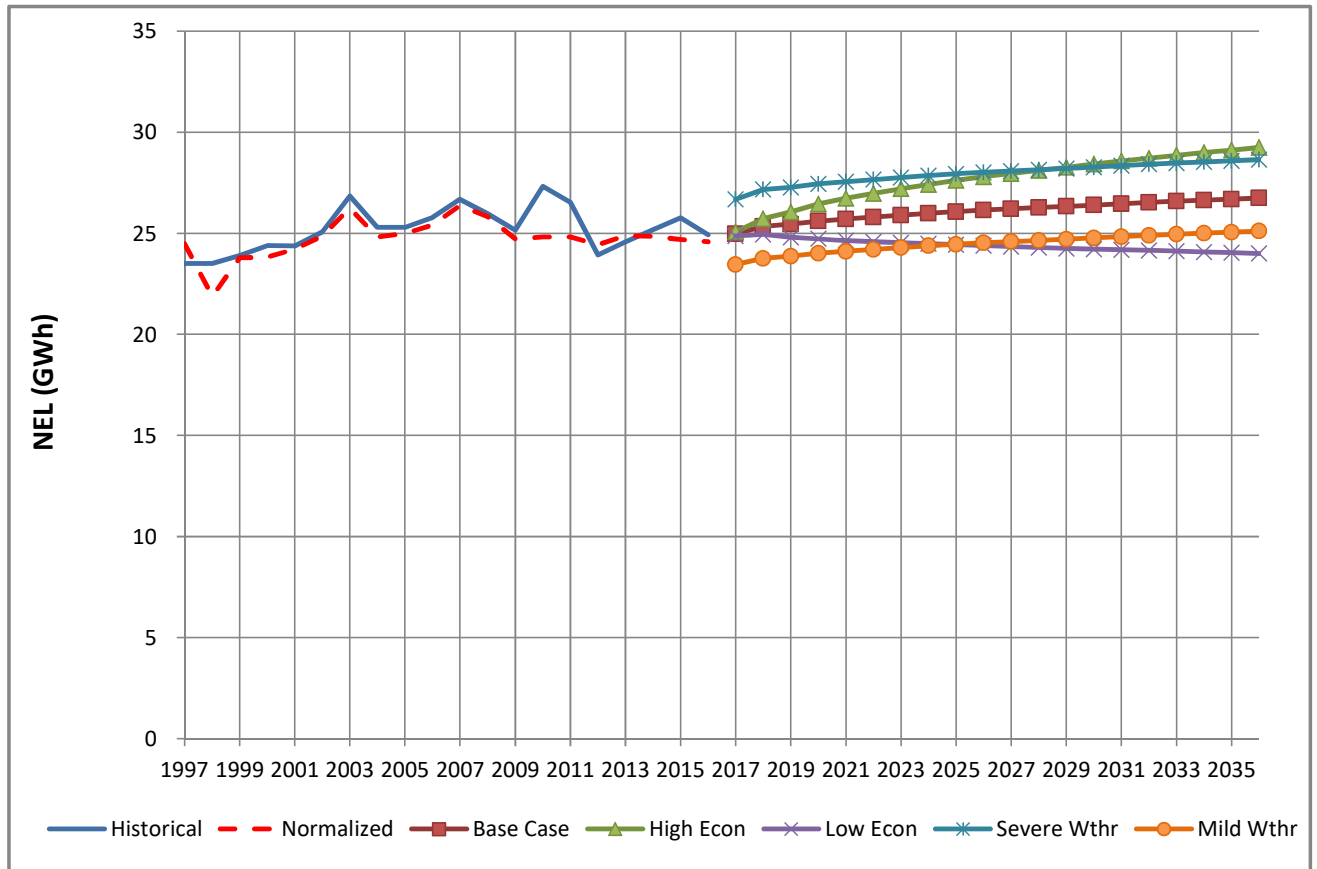
* GCS's CROD is 27.61 MW and is to be compared to the highest coincident peak demand in the previous 12 months minus any excluded resources to determine MaxD.
 The ratio of CROD/MaxD is used for calculation of scheduled energy and billed loads. (The ARP's winter peak is usually in January, but GCS' highest winter CP is estimated

Havana

FMPA 2017 Load Forecast

Havana

Historical and Projected NEL and Annual Coincident Peak Demand



FMPA 2017 Load Forecast - Low Economic Case

Havana

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)				
		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	2007	26,691	-	26,600	-	-0.3%	5.0	-	5.5	-	9.8%	6.2	-	6.1	-	-2.0%
	2008	25,975	-2.7%	26,034	-2.1%	0.2%	5.9	18.6%	5.9	8.3%	0.3%	5.2	-16.6%	5.3	-12.8%	2.4%
	2009	25,150	-3.2%	24,893	-4.4%	-1.0%	6.1	2.8%	5.8	-1.6%	-4.1%	5.9	14.4%	6.0	14.2%	2.3%
	2010	27,320	8.6%	25,217	1.3%	-7.7%	6.6	9.4%	6.0	3.2%	-9.5%	5.1	-13.2%	4.6	-24.5%	-11.0%
	2011	26,524	-2.9%	24,928	-1.1%	-6.0%	6.2	-6.2%	6.7	11.8%	7.9%	6.0	16.2%	5.1	12.0%	-14.3%
	2012	23,930	-9.8%	24,335	-2.4%	1.7%	5.5	-11.1%	5.3	-20.7%	-3.8%	4.9	-18.6%	4.7	-7.6%	-2.8%
	2013	24,585	2.7%	24,876	2.2%	1.2%	5.1	-8.7%	5.8	8.6%	14.4%	4.7	-3.8%	4.9	4.8%	5.9%
	2014	25,176	2.4%	24,854	-0.1%	-1.3%	5.4	6.6%	6.1	5.6%	13.4%	4.8	3.1%	5.3	7.8%	10.7%
	2015	25,771	2.4%	24,685	-0.7%	-4.2%	6.0	11.5%	6.9	12.4%	14.3%	4.6	-3.7%	6.9	28.9%	48.1%
	2016	24,925	-3.3%	24,588	-0.4%	-1.4%	5.4	-11.0%	6.1	-11.3%	14.0%	5.5	18.4%	5.2	-24.1%	-5.1%
Projected	2017	24,868	-0.2%	24,868	1.1%		5.6	4.5%	5.6	-8.3%		4.8	-12.2%	4.8	-7.5%	
	2018			24,947	0.3%				5.6	0.4%				4.8	0.4%	
	2019			24,807	-0.6%				5.6	-0.6%				4.8	-0.6%	
	2020			24,728	-0.3%				5.6	-0.3%				4.8	-0.3%	
	2021			24,635	-0.4%				5.5	-0.3%				4.8	-0.3%	
	2022			24,574	-0.2%				5.5	-0.2%				4.8	-0.2%	
	2023			24,531	-0.2%				5.5	-0.2%				4.8	-0.2%	
	2024			24,487	-0.2%				5.5	-0.2%				4.8	-0.2%	
	2025			24,435	-0.2%				5.5	-0.2%				4.7	-0.2%	
	2026			24,391	-0.2%				5.5	-0.2%				4.7	-0.2%	
	2027			24,345	-0.2%				5.5	-0.2%				4.7	-0.2%	
	2028			24,297	-0.2%				5.5	-0.2%				4.7	-0.2%	
	2029			24,250	-0.2%				5.5	-0.2%				4.7	-0.2%	
	2030			24,217	-0.1%				5.5	-0.1%				4.7	-0.1%	
	2031			24,181	-0.1%				5.4	-0.1%				4.7	-0.1%	
	2032			24,153	-0.1%				5.4	-0.1%				4.7	-0.1%	
	2033			24,121	-0.1%				5.4	-0.2%				4.7	-0.2%	
	2034			24,078	-0.2%				5.4	-0.2%				4.7	-0.2%	
	2035			24,043	-0.1%				5.4	-0.2%				4.7	-0.2%	
	2036			24,004	-0.2%				5.4	-0.2%				4.7	-0.2%	
CAGR ^[3]	2007-2016		-0.8%		-0.9%			0.8%		1.2%			-1.3%		-1.7%	
	2017-2026				-0.2%					-0.2%					-0.2%	
	2027-2036				-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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	26,691	-	26,600	-	-0.3%	5.6	-	54.1%	6.7	-	45.7%
	2008	25,975	-2.7%	26,034	-2.1%	0.2%	5.9	4.9%	50.2%	6.1	-8.2%	48.5%
	2009	25,150	-3.2%	24,893	-4.4%	-1.0%	6.1	3.9%	46.8%	5.9	-2.8%	48.3%
	2010	27,320	8.6%	25,217	1.3%	-7.7%	6.8	10.9%	45.8%	6.2	4.3%	50.3%
	2011	26,524	-2.9%	24,928	-1.1%	-6.0%	6.4	-5.5%	47.0%	6.2	-0.6%	49.2%
	2012	23,930	-9.8%	24,335	-2.4%	1.7%	5.8	-10.5%	47.4%	5.7	-7.6%	48.0%
	2013	24,585	2.7%	24,876	2.2%	1.2%	5.3	-8.9%	53.5%	5.6	-1.6%	50.1%
	2014	25,176	2.4%	24,854	-0.1%	-1.3%	6.4	22.1%	44.8%	5.8	4.1%	49.3%
	2015	25,771	2.4%	24,685	-0.7%	-4.2%	6.2	-2.9%	47.2%	5.8	-0.5%	50.7%
	2016	24,925	-3.3%	24,588	-0.4%	-1.4%	6.2	-0.2%	45.8%	5.7	-2.5%	50.3%
Projected	2017	24,868	-0.2%	24,868	1.1%		6.0	-4.0%	47.6%	5.8	2.2%	49.1%
	2018	24,947	0.3%	24,947	0.3%		6.0	0.4%	47.5%	5.8	0.4%	49.0%
	2019	24,807	-0.6%	24,807	-0.6%		6.0	-0.6%	47.6%	5.8	-0.6%	49.0%
	2020	24,728	-0.3%	24,728	-0.3%		5.9	-0.3%	47.6%	5.8	-0.3%	49.0%
	2021	24,635	-0.4%	24,635	-0.4%		5.9	-0.3%	47.5%	5.7	-0.3%	49.0%
	2022	24,574	-0.2%	24,574	-0.2%		5.9	-0.2%	47.5%	5.7	-0.2%	49.0%
	2023	24,531	-0.2%	24,531	-0.2%		5.9	-0.2%	47.5%	5.7	-0.2%	49.0%
	2024	24,487	-0.2%	24,487	-0.2%		5.9	-0.2%	47.5%	5.7	-0.2%	49.0%
	2025	24,435	-0.2%	24,435	-0.2%		5.9	-0.2%	47.5%	5.7	-0.2%	49.0%
	2026	24,391	-0.2%	24,391	-0.2%		5.9	-0.2%	47.5%	5.7	-0.2%	49.0%
	2027	24,345	-0.2%	24,345	-0.2%		5.8	-0.2%	47.5%	5.7	-0.2%	49.0%
	2028	24,297	-0.2%	24,297	-0.2%		5.8	-0.2%	47.5%	5.7	-0.2%	49.0%
	2029	24,250	-0.2%	24,250	-0.2%		5.8	-0.2%	47.5%	5.6	-0.2%	49.0%
	2030	24,217	-0.1%	24,217	-0.1%		5.8	-0.1%	47.5%	5.6	-0.1%	49.0%
	2031	24,181	-0.1%	24,181	-0.1%		5.8	-0.1%	47.5%	5.6	-0.1%	49.0%
	2032	24,153	-0.1%	24,153	-0.1%		5.8	-0.1%	47.5%	5.6	-0.1%	49.0%
	2033	24,121	-0.1%	24,121	-0.1%		5.8	-0.2%	47.5%	5.6	-0.2%	49.0%
	2034	24,078	-0.2%	24,078	-0.2%		5.8	-0.2%	47.5%	5.6	-0.2%	49.0%
	2035	24,043	-0.1%	24,043	-0.1%		5.8	-0.2%	47.5%	5.6	-0.2%	49.0%
	2036	24,004	-0.2%	24,004	-0.2%		5.8	-0.2%	47.5%	5.6	-0.2%	49.0%
CAGR ^[1]	2007-2016		-0.8%		-0.9%			1.1%	48.3%		-1.8%	49.0%
	2017-2026		-0.2%		-0.2%			-0.2%	47.5%		-0.2%	49.0%
	2027-2036		-0.2%		-0.2%			-0.2%	47.5%		-0.2%	49.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Low Economic Case

Havana

Monthly Net Energy for Load (MWh)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2007	2,112	2,013	1,781	1,798	2,213	2,572	2,816	3,104	2,500	2,047	1,849	2,048	26,852	26,691
	2008	2,397	1,909	1,800	1,672	2,145	2,608	2,689	2,509	2,303	1,820	1,881	2,048	25,780	25,975
	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	1,791	1,872	2,019	25,282	24,925
Projected	2017	2,388	2,019	1,698	1,601	2,073	2,346	2,501	2,537	2,023	1,713	1,857	2,074	24,830	24,868
	2018	2,377	2,015	1,745	1,579	2,068	2,398	2,548	2,534	2,038	1,712	1,850	2,076	24,941	24,947
	2019	2,355	1,996	1,739	1,560	2,051	2,389	2,536	2,514	2,030	1,703	1,841	2,071	24,783	24,807
	2020	2,347	1,992	1,739	1,555	2,047	2,385	2,527	2,500	2,021	1,695	1,833	2,062	24,703	24,728
	2021	2,335	1,983	1,732	1,549	2,041	2,378	2,519	2,492	2,015	1,690	1,828	2,056	24,620	24,635
	2022	2,328	1,977	1,728	1,546	2,037	2,373	2,513	2,487	2,011	1,687	1,825	2,052	24,564	24,574
	2023	2,323	1,973	1,725	1,543	2,034	2,369	2,509	2,483	2,008	1,685	1,822	2,049	24,523	24,531
	2024	2,319	1,969	1,722	1,541	2,031	2,365	2,504	2,478	2,004	1,681	1,818	2,044	24,475	24,487
	2025	2,312	1,964	1,718	1,538	2,027	2,360	2,499	2,473	2,001	1,678	1,815	2,040	24,426	24,435
Projected	2026	2,308	1,960	1,715	1,535	2,024	2,356	2,495	2,468	1,997	1,675	1,812	2,036	24,381	24,391
	2027	2,303	1,956	1,711	1,532	2,020	2,352	2,490	2,464	1,993	1,673	1,809	2,032	24,335	24,345
	2028	2,298	1,952	1,708	1,530	2,017	2,347	2,485	2,458	1,989	1,669	1,805	2,027	24,285	24,297
	2029	2,292	1,947	1,704	1,527	2,014	2,343	2,481	2,454	1,986	1,667	1,803	2,024	24,243	24,250
	2030	2,289	1,944	1,702	1,525	2,011	2,340	2,477	2,450	1,984	1,665	1,801	2,021	24,208	24,217
	2031	2,284	1,941	1,699	1,523	2,009	2,337	2,474	2,447	1,981	1,663	1,799	2,018	24,174	24,181
	2032	2,281	1,938	1,697	1,521	2,007	2,334	2,471	2,445	1,979	1,661	1,797	2,016	24,148	24,153
	2033	2,278	1,935	1,695	1,519	2,005	2,331	2,467	2,440	1,976	1,659	1,794	2,012	24,110	24,121
	2034	2,273	1,931	1,691	1,517	2,002	2,327	2,463	2,437	1,973	1,657	1,792	2,009	24,071	24,078
	2035	2,270	1,928	1,689	1,515	1,999	2,324	2,459	2,433	1,970	1,654	1,789	2,005	24,034	24,043
	2036	2,265	1,924	1,686	1,513	1,996	2,320	2,455	2,429	1,967	1,652	1,787	2,003	23,997	24,004

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2007	7.9%	7.5%	6.6%	6.7%	8.2%	9.6%	10.5%	11.6%	9.3%	7.6%	6.9%	7.6%	100.0%
	2008	9.3%	7.4%	7.0%	6.5%	8.3%	10.1%	10.4%	9.7%	8.9%	7.1%	7.3%	7.9%	100.0%
	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	9.4%	7.8%	6.6%	6.3%	8.0%	9.7%	10.6%	10.3%	8.9%	7.1%	7.4%	8.0%	100.0%
Projected	2017	9.6%	8.1%	6.8%	6.4%	8.3%	9.4%	10.1%	10.2%	8.1%	6.9%	7.5%	8.4%	100.0%
	2018	9.5%	8.1%	7.0%	6.3%	8.3%	9.6%	10.2%	10.2%	8.2%	6.9%	7.4%	8.3%	100.0%
	2019	9.5%	8.1%	7.0%	6.3%	8.3%	9.6%	10.2%	10.1%	8.2%	6.9%	7.4%	8.4%	100.0%
	2020	9.5%	8.1%	7.0%	6.3%	8.3%	9.7%	10.2%	10.1%	8.2%	6.9%	7.4%	8.3%	100.0%
	2021	9.5%	8.1%	7.0%	6.3%	8.3%	9.7%	10.2%	10.1%	8.2%	6.9%	7.4%	8.4%	100.0%
	2022	9.5%	8.0%	7.0%	6.3%	8.3%	9.7%	10.2%	10.1%	8.2%	6.9%	7.4%	8.4%	100.0%
	2023	9.5%	8.0%	7.0%	6.3%	8.3%	9.7%	10.2%	10.1%	8.2%	6.9%	7.4%	8.4%	100.0%
	2024	9.5%	8.0%	7.0%	6.3%	8.3%	9.7%	10.2%	10.1%	8.2%	6.9%	7.4%	8.3%	100.0%
	2025	9.5%	8.0%	7.0%	6.3%	8.3%	9.7%	10.2%	10.1%	8.2%	6.9%	7.4%	8.4%	100.0%
Avg.	2007-2016	9.1%	7.7%	7.0%	6.5%	8.1%	9.8%	10.2%	10.3%	8.8%	7.1%	7.1%	8.2%	100.0%
	2017-2026	9.5%	8.1%	7.0%	6.3%	8.3%	9.6%	10.2%	10.1%	8.2%	6.9%	7.4%	8.3%	100.0%

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FMPA 2017 Load Forecast - Low Economic Case
Havana
Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	5.0	5.6	4.2	4.0	4.6	5.7	6.3	6.7	5.5	4.8	4.3	4.9	5.6	6.7
	2008	5.9	5.7	4.6	3.7	5.2	5.8	5.8	6.1	5.4	4.0	4.9	5.1	5.9	6.1
	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	4.1	4.5	5.0	6.2	5.7
Projected	2017	6.0	5.5	4.0	3.7	4.9	5.8	5.6	5.5	5.2	4.2	4.6	5.0	6.0	5.8
	2018	6.0	5.5	4.0	3.7	4.9	5.8	5.6	5.5	5.2	4.2	4.5	5.0	6.0	5.8
	2019	6.0	5.5	4.0	3.7	4.9	5.8	5.6	5.5	5.1	4.2	4.5	5.0	6.0	5.8
	2020	5.9	5.5	4.0	3.7	4.9	5.8	5.6	5.4	5.1	4.2	4.5	5.0	5.9	5.8
	2021	5.9	5.5	4.0	3.7	4.8	5.7	5.5	5.4	5.1	4.2	4.5	5.0	5.9	5.7
	2022	5.9	5.5	4.0	3.6	4.8	5.7	5.5	5.4	5.1	4.2	4.5	4.9	5.9	5.7
	2023	5.9	5.4	4.0	3.6	4.8	5.7	5.5	5.4	5.1	4.1	4.5	4.9	5.9	5.7
	2024	5.9	5.4	3.9	3.6	4.8	5.7	5.5	5.4	5.1	4.1	4.5	4.9	5.9	5.7
	2025	5.9	5.4	3.9	3.6	4.8	5.7	5.5	5.4	5.1	4.1	4.5	4.9	5.9	5.7
Projected	2027	5.8	5.4	3.9	3.6	4.8	5.7	5.5	5.4	5.1	4.1	4.4	4.9	5.8	5.7
	2028	5.8	5.4	3.9	3.6	4.8	5.7	5.5	5.4	5.0	4.1	4.4	4.9	5.8	5.7
	2029	5.8	5.4	3.9	3.6	4.8	5.6	5.5	5.3	5.0	4.1	4.4	4.9	5.8	5.6
	2030	5.8	5.4	3.9	3.6	4.8	5.6	5.5	5.3	5.0	4.1	4.4	4.9	5.8	5.6
	2031	5.8	5.4	3.9	3.6	4.8	5.6	5.4	5.3	5.0	4.1	4.4	4.9	5.8	5.6
	2032	5.8	5.4	3.9	3.6	4.7	5.6	5.4	5.3	5.0	4.1	4.4	4.9	5.8	5.6
	2033	5.8	5.4	3.9	3.6	4.7	5.6	5.4	5.3	5.0	4.1	4.4	4.9	5.8	5.6
	2034	5.8	5.3	3.9	3.6	4.7	5.6	5.4	5.3	5.0	4.1	4.4	4.8	5.8	5.6
	2035	5.8	5.3	3.9	3.6	4.7	5.6	5.4	5.3	5.0	4.1	4.4	4.8	5.8	5.6
	2036	5.8	5.3	3.9	3.6	4.7	5.6	5.4	5.3	5.0	4.1	4.4	4.8	5.8	5.6

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	56.4%	53.2%	56.7%	61.0%	71.6%	60.3%	61.8%	62.6%	63.0%	57.6%	58.1%	58.3%	54.4%	46.0%
	2008	54.5%	48.5%	52.7%	61.2%	61.0%	60.0%	64.3%	55.2%	59.3%	61.1%	51.1%	55.7%	49.8%	48.1%
	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%	58.6%	55.5%	56.0%	46.4%	51.0%
Projected	2017	53.8%	54.5%	57.0%	58.4%	63.1%	54.5%	62.1%	62.3%	54.5%	54.8%	54.8%	57.3%	47.5%	49.0%
	2018	53.3%	54.1%	58.3%	57.4%	62.7%	55.5%	63.0%	61.9%	54.7%	54.5%	54.9%	57.7%	47.5%	49.0%
	2019	53.2%	53.9%	58.5%	57.0%	62.6%	55.6%	63.1%	61.8%	54.8%	54.6%	54.8%	57.8%	47.5%	49.0%
	2020	53.2%	52.1%	58.7%	57.0%	62.7%	55.7%	63.0%	61.7%	54.7%	54.5%	54.8%	57.7%	47.5%	49.0%
	2021	53.1%	53.9%	58.6%	57.0%	62.7%	55.7%	63.1%	61.7%	54.8%	54.5%	54.7%	57.7%	47.5%	49.0%
	2022	53.0%	53.9%	58.6%	57.0%	62.7%	55.7%	63.1%	61.7%	54.8%	54.6%	54.7%	57.6%	47.5%	49.0%
	2023	53.0%	53.9%	58.6%	57.0%	62.7%	55.7%	63.1%	61.7%	54.8%	54.6%	54.8%	57.7%	47.5%	49.0%
	2024	53.0%	52.0%	58.6%	57.0%	62.8%	55.7%	63.1%	61.7%	54.8%	54.6%	54.8%	57.6%	47.5%	49.0%
	2025	53.0%	53.9%	58.6%	57.0%	62.8%	55.7%	63.1%	61.7%	54.8%	54.6%	54.8%	57.6%	47.5%	49.0%
Avg.	2007-2016	52.9%	51.5%	55.3%	58.2%	63.5%	58.3%	63.1%	61.7%	59.4%	57.7%	54.3%	57.1%	48.2%	49.0%
	2017-2026	53.2%	53.6%	58.4%	57.2%	62.8%	55.6%	63.0%	61.8%	54.7%	54.6%	54.8%	57.6%	47.5%	49.0%

FMPA 2017 Load Forecast - Low Economic Case
Havana
Monthly Coincident-Peak Demand with ARP (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	4.9	5.0	3.6	4.0	4.2	5.3	6.0	6.2	4.5	4.6	2.9	3.1	5.0	6.2
	2008	5.9	5.1	2.4	3.0	4.8	5.7	5.7	5.2	5.2	3.7	2.6	4.9	5.9	5.2
	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
Projected	2016	5.5	5.4	3.5	4.2	4.9	5.3	5.5	5.1	4.7	3.4	3.6	3.7	5.4	5.5
	2017	5.6	5.4	3.5	3.3	4.7	5.2	5.2	4.8	4.4	3.5	3.6	3.7	5.6	4.8
	2018	5.6	5.4	3.5	3.3	4.8	5.3	5.3	4.8	4.4	3.5	3.6	3.6	5.6	4.8
	2019	5.6	5.3	3.5	3.3	4.7	5.2	5.2	4.8	4.4	3.5	3.6	3.6	5.6	4.8
	2020	5.6	5.3	3.5	3.3	4.7	5.2	5.2	4.8	4.4	3.5	3.6	3.6	5.6	4.8
	2021	5.5	5.3	3.5	3.3	4.7	5.2	5.2	4.8	4.4	3.4	3.6	3.6	5.5	4.8
	2022	5.5	5.3	3.5	3.3	4.7	5.2	5.2	4.8	4.4	3.4	3.6	3.6	5.5	4.8
	2023	5.5	5.3	3.5	3.3	4.7	5.2	5.2	4.8	4.4	3.4	3.6	3.6	5.5	4.8
	2024	5.5	5.3	3.5	3.3	4.7	5.2	5.2	4.8	4.3	3.4	3.6	3.6	5.5	4.8
Projected	2025	5.5	5.3	3.5	3.3	4.7	5.2	5.2	4.7	4.3	3.4	3.6	3.6	5.5	4.7
	2026	5.5	5.3	3.5	3.2	4.6	5.1	5.1	4.7	4.3	3.4	3.5	3.6	5.5	4.7
	2027	5.5	5.2	3.5	3.2	4.6	5.1	5.1	4.7	4.3	3.4	3.5	3.6	5.5	4.7
	2028	5.5	5.2	3.4	3.2	4.6	5.1	5.1	4.7	4.3	3.4	3.5	3.6	5.5	4.7
	2029	5.5	5.2	3.4	3.2	4.6	5.1	5.1	4.7	4.3	3.4	3.5	3.6	5.5	4.7
	2030	5.5	5.2	3.4	3.2	4.6	5.1	5.1	4.7	4.3	3.4	3.5	3.6	5.5	4.7
	2031	5.4	5.2	3.4	3.2	4.6	5.1	5.1	4.7	4.3	3.4	3.5	3.6	5.4	4.7
	2032	5.4	5.2	3.4	3.2	4.6	5.1	5.1	4.7	4.3	3.4	3.5	3.5	5.4	4.7
	2033	5.4	5.2	3.4	3.2	4.6	5.1	5.1	4.7	4.3	3.4	3.5	3.5	5.4	4.7
Projected	2034	5.4	5.2	3.4	3.2	4.6	5.1	5.1	4.7	4.3	3.4	3.5	3.5	5.4	4.7
	2035	5.4	5.2	3.4	3.2	4.6	5.1	5.1	4.7	4.3	3.4	3.5	3.5	5.4	4.7
	2036	5.4	5.2	3.4	3.2	4.6	5.1	5.1	4.7	4.3	3.4	3.5	3.5	5.4	4.7

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	97.8%	88.5%	84.3%	100.0%	91.0%	92.1%	94.0%	92.9%	81.0%	96.9%	68.7%	64.4%	88.5%	92.9%
	2008	100.0%	89.7%	52.9%	80.8%	92.3%	96.8%	97.4%	84.5%	95.5%	93.2%	51.8%	95.1%	100.0%	84.5%
	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%
Projected	2016	88.4%	96.4%	96.1%	100.0%	100.0%	94.9%	97.0%	94.7%	93.8%	82.6%	79.8%	72.9%	86.1%	97.0%
	2017	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2018	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2019	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2020	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2021	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2022	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2023	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2024	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
Projected	2025	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2026	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
2007-2016		96.3%	94.7%	83.7%	90.3%	95.7%	92.3%	92.2%	88.2%	87.5%	88.4%	68.2%	79.4%	94.1%	88.4%
2017-2026		93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%

FMPA 2017 Load Forecast - Low Economic Case - Havana

Historical and Projected - Energy Sales by Customer Class (Fiscal Year 2007-2036)

		Residential						General Service						TOTAL SALES		DISTR.	TOTAL NEL	
		Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	LOSSES		
Historical	2007	13,268		1,100		12,064		11,468		272		42.2		24,736		1,955	26,691	
	2008	12,936	-2.5%	1,114	1.3%	11,615	-3.7%	10,822	-5.6%	268	-1.4%	40.4	-4.3%	23,758	-4.0%	2,217	25,975	-2.7%
	2009	13,249	2.4%	1,122	0.7%	11,810	1.7%	10,427	-3.6%	254	-5.1%	41.0	1.5%	23,676	-0.3%	1,474	25,150	-3.2%
	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	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	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	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	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	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	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	24,925	-3.3%
Projected	2017	13,555	3.2%	1,122	0.0%	12,080	3.2%	10,014	-2.9%	319	-0.4%	31.4	-2.5%	23,569	0.6%	1,299	24,868	-0.2%
	2018	13,655	0.7%	1,114	-0.7%	12,252	1.4%	9,967	-0.5%	320	0.3%	31.2	-0.8%	23,622	0.2%	1,325	24,947	0.3%
	2019	13,535	-0.9%	1,112	-0.2%	12,173	-0.6%	9,954	-0.1%	320	0.1%	31.1	-0.3%	23,488	-0.6%	1,318	24,807	-0.6%
	2020	13,460	-0.6%	1,111	0.0%	12,112	-0.5%	9,953	0.0%	320	0.1%	31.1	-0.1%	23,413	-0.3%	1,315	24,728	-0.3%
	2021	13,370	-0.7%	1,111	0.0%	12,032	-0.7%	9,955	0.0%	321	0.1%	31.0	-0.1%	23,324	-0.4%	1,311	24,635	-0.4%
	2022	13,305	-0.5%	1,111	0.0%	11,974	-0.5%	9,961	0.1%	321	0.2%	31.0	-0.1%	23,267	-0.2%	1,307	24,574	-0.2%
	2023	13,253	-0.4%	1,111	0.0%	11,927	-0.4%	9,973	0.1%	322	0.2%	31.0	-0.1%	23,226	-0.2%	1,305	24,531	-0.2%
	2024	13,202	-0.4%	1,111	0.0%	11,887	-0.3%	9,982	0.1%	323	0.2%	30.9	-0.1%	23,184	-0.2%	1,303	24,487	-0.2%
	2025	13,149	-0.4%	1,110	-0.1%	11,850	-0.3%	9,986	0.0%	323	0.2%	30.9	-0.1%	23,135	-0.2%	1,300	24,435	-0.2%
	2026	13,105	-0.3%	1,110	0.0%	11,811	-0.3%	9,988	0.0%	324	0.1%	30.9	-0.1%	23,094	-0.2%	1,298	24,391	-0.2%
	2027	13,059	-0.4%	1,110	0.0%	11,769	-0.4%	9,991	0.0%	324	0.1%	30.8	-0.1%	23,050	-0.2%	1,296	24,345	-0.2%
	2028	13,006	-0.4%	1,109	0.0%	11,727	-0.4%	9,998	0.1%	325	0.2%	30.8	-0.1%	23,004	-0.2%	1,293	24,297	-0.2%
	2029	12,952	-0.4%	1,108	-0.1%	11,690	-0.3%	10,007	0.1%	325	0.2%	30.8	-0.1%	22,959	-0.2%	1,290	24,250	-0.2%
	2030	12,910	-0.3%	1,107	0.0%	11,657	-0.3%	10,018	0.1%	326	0.2%	30.7	-0.1%	22,928	-0.1%	1,289	24,217	-0.1%
	2031	12,868	-0.3%	1,106	-0.1%	11,630	-0.2%	10,026	0.1%	327	0.2%	30.7	-0.1%	22,894	-0.1%	1,287	24,181	-0.1%
	2032	12,837	-0.2%	1,106	0.0%	11,603	-0.2%	10,031	0.0%	327	0.2%	30.7	-0.1%	22,868	-0.1%	1,286	24,153	-0.1%
	2033	12,799	-0.3%	1,106	0.0%	11,574	-0.2%	10,037	0.1%	328	0.2%	30.6	-0.1%	22,837	-0.1%	1,284	24,121	-0.1%
	2034	12,754	-0.4%	1,105	-0.1%	11,544	-0.3%	10,043	0.1%	328	0.2%	30.6	-0.1%	22,797	-0.2%	1,282	24,078	-0.2%
	2035	12,715	-0.3%	1,104	0.0%	11,514	-0.3%	10,048	0.1%	329	0.2%	30.6	-0.1%	22,763	-0.1%	1,280	24,043	-0.1%
	2036	12,671	-0.3%	1,103	-0.1%	11,485	-0.2%	10,055	0.1%	329	0.2%	30.5	-0.1%	22,726	-0.2%	1,278	24,004	-0.2%
CAGR	2007-2016		-0.1%		0.2%		-0.3%		-1.2%		1.8%		-3.0%		-0.6%			-0.8%
	2017-2026		-0.4%		-0.1%		-0.2%		0.0%		0.2%		-0.2%		-0.2%			-0.2%
	2027-2036		-0.3%		-0.1%		-0.3%		0.1%		0.2%		-0.1%		-0.2%			-0.2%

CAGR - Compound Average Growth Rate.

FMPA 2017 Load Forecast - High Economic Case

Havana

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)				
		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	2007	26,691	-	26,600	-	-0.3%	5.0	-	5.5	-	9.8%	6.2	-	6.1	-	-2.0%
	2008	25,975	-2.7%	26,034	-2.1%	0.2%	5.9	18.6%	5.9	8.3%	0.3%	5.2	-16.6%	5.3	-12.8%	2.4%
	2009	25,150	-3.2%	24,893	-4.4%	-1.0%	6.1	2.8%	5.8	-1.6%	-4.1%	5.9	14.4%	6.0	14.2%	2.3%
	2010	27,320	8.6%	25,217	1.3%	-7.7%	6.6	9.4%	6.0	3.2%	-9.5%	5.1	-13.2%	4.6	-24.5%	-11.0%
	2011	26,524	-2.9%	24,928	-1.1%	-6.0%	6.2	-6.2%	6.7	11.8%	7.9%	6.0	16.2%	5.1	12.0%	-14.3%
	2012	23,930	-9.8%	24,335	-2.4%	1.7%	5.5	-11.1%	5.3	-20.7%	-3.8%	4.9	-18.6%	4.7	-7.6%	-2.8%
	2013	24,585	2.7%	24,876	2.2%	1.2%	5.1	-8.7%	5.8	8.6%	14.4%	4.7	-3.8%	4.9	4.8%	5.9%
	2014	25,176	2.4%	24,854	-0.1%	-1.3%	5.4	6.6%	6.1	5.6%	13.4%	4.8	3.1%	5.3	7.8%	10.7%
	2015	25,771	2.4%	24,685	-0.7%	-4.2%	6.0	11.5%	6.9	12.4%	14.3%	4.6	-3.7%	6.9	28.9%	48.1%
	2016	24,925	-3.3%	24,588	-0.4%	-1.4%	5.4	-11.0%	6.1	-11.3%	14.0%	5.5	18.4%	5.2	-24.1%	-5.1%
Projected	2017	25,064	0.6%	25,064	1.9%		5.7	5.9%	5.7	-7.1%		4.9	-11.0%	4.9	-6.3%	
	2018			25,717	2.6%				5.8	2.6%				5.0	2.6%	
	2019			26,055	1.3%				5.9	1.2%				5.1	1.2%	
	2020			26,443	1.5%				6.0	1.4%				5.1	1.4%	
	2021			26,727	1.1%				6.0	1.0%				5.2	1.0%	
	2022			26,965	0.9%				6.1	0.9%				5.2	0.9%	
	2023			27,199	0.9%				6.1	0.8%				5.3	0.8%	
	2024			27,413	0.8%				6.2	0.8%				5.3	0.8%	
	2025			27,616	0.7%				6.2	0.7%				5.4	0.7%	
	2026			27,789	0.6%				6.3	0.6%				5.4	0.6%	
	2027			27,949	0.6%				6.3	0.6%				5.4	0.6%	
	2028			28,105	0.6%				6.3	0.6%				5.5	0.6%	
	2029			28,262	0.6%				6.4	0.6%				5.5	0.6%	
	2030			28,424	0.6%				6.4	0.6%				5.5	0.6%	
	2031			28,577	0.5%				6.4	0.5%				5.6	0.5%	
	2032			28,716	0.5%				6.5	0.5%				5.6	0.5%	
	2033			28,862	0.5%				6.5	0.5%				5.6	0.5%	
	2034			28,993	0.5%				6.5	0.4%				5.6	0.4%	
	2035			29,117	0.4%				6.6	0.4%				5.7	0.4%	
	2036			29,246	0.4%				6.6	0.4%				5.7	0.4%	
CAGR ^[3]	2007-2016		-0.8%		-0.9%			0.8%		1.2%			-1.3%		-1.7%	
	2017-2026				1.2%					1.1%					1.1%	
	2027-2036				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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	26,691	-	26,600	-	-0.3%	5.6	-	54.1%	6.7	-	45.7%
	2008	25,975	-2.7%	26,034	-2.1%	0.2%	5.9	4.9%	50.2%	6.1	-8.2%	48.5%
	2009	25,150	-3.2%	24,893	-4.4%	-1.0%	6.1	3.9%	46.8%	5.9	-2.8%	48.3%
	2010	27,320	8.6%	25,217	1.3%	-7.7%	6.8	10.9%	45.8%	6.2	4.3%	50.3%
	2011	26,524	-2.9%	24,928	-1.1%	-6.0%	6.4	-5.5%	47.0%	6.2	-0.6%	49.2%
	2012	23,930	-9.8%	24,335	-2.4%	1.7%	5.8	-10.5%	47.4%	5.7	-7.6%	48.0%
	2013	24,585	2.7%	24,876	2.2%	1.2%	5.3	-8.9%	53.5%	5.6	-1.6%	50.1%
	2014	25,176	2.4%	24,854	-0.1%	-1.3%	6.4	22.1%	44.8%	5.8	4.1%	49.3%
	2015	25,771	2.4%	24,685	-0.7%	-4.2%	6.2	-2.9%	47.2%	5.8	-0.5%	50.7%
	2016	24,925	-3.3%	24,588	-0.4%	-1.4%	6.2	-0.2%	45.8%	5.7	-2.5%	50.3%
Projected	2017	25,064	0.6%	25,064	1.9%		6.0	-2.8%	47.3%	5.9	3.6%	48.8%
	2018	25,717	2.6%	25,717	2.6%		6.2	2.6%	47.3%	6.0	2.6%	48.8%
	2019	26,055	1.3%	26,055	1.3%		6.3	1.2%	47.4%	6.1	1.2%	48.8%
	2020	26,443	1.5%	26,443	1.5%		6.4	1.4%	47.4%	6.2	1.4%	48.9%
	2021	26,727	1.1%	26,727	1.1%		6.4	1.0%	47.4%	6.2	1.0%	48.9%
	2022	26,965	0.9%	26,965	0.9%		6.5	0.9%	47.4%	6.3	0.9%	48.9%
	2023	27,199	0.9%	27,199	0.9%		6.5	0.8%	47.4%	6.3	0.8%	48.9%
	2024	27,413	0.8%	27,413	0.8%		6.6	0.8%	47.4%	6.4	0.8%	48.9%
	2025	27,616	0.7%	27,616	0.7%		6.6	0.7%	47.4%	6.4	0.7%	48.9%
	2026	27,789	0.6%	27,789	0.6%		6.7	0.6%	47.5%	6.5	0.6%	48.9%
	2027	27,949	0.6%	27,949	0.6%		6.7	0.6%	47.5%	6.5	0.6%	48.9%
	2028	28,105	0.6%	28,105	0.6%		6.8	0.6%	47.5%	6.6	0.6%	48.9%
	2029	28,262	0.6%	28,262	0.6%		6.8	0.6%	47.5%	6.6	0.6%	48.9%
	2030	28,424	0.6%	28,424	0.6%		6.8	0.6%	47.5%	6.6	0.6%	48.9%
	2031	28,577	0.5%	28,577	0.5%		6.9	0.5%	47.5%	6.7	0.5%	48.9%
	2032	28,716	0.5%	28,716	0.5%		6.9	0.5%	47.5%	6.7	0.5%	48.9%
	2033	28,862	0.5%	28,862	0.5%		6.9	0.5%	47.5%	6.7	0.5%	48.9%
	2034	28,993	0.5%	28,993	0.5%		7.0	0.4%	47.5%	6.8	0.4%	48.9%
	2035	29,117	0.4%	29,117	0.4%		7.0	0.4%	47.5%	6.8	0.4%	48.9%
	2036	29,246	0.4%	29,246	0.4%		7.0	0.4%	47.5%	6.8	0.4%	48.9%
CAGR ^[1]	2007-2016		-0.8%		-0.9%			1.1%	48.3%		-1.8%	49.0%
	2017-2026		1.2%		1.2%			1.1%	47.4%		1.1%	48.9%
	2027-2036		0.5%		0.5%			0.5%	47.5%		0.5%	48.9%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - High Economic Case
Havana
Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	5.0	5.6	4.2	4.0	4.6	5.7	6.3	6.7	5.5	4.8	4.3	4.9	5.6	6.7
	2008	5.9	5.7	4.6	3.7	5.2	5.8	5.8	6.1	5.4	4.0	4.9	5.1	5.9	6.1
	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	4.1	4.6	5.1	6.2	5.7
Projected	2017	6.0	5.6	4.1	3.7	4.9	5.9	5.7	5.6	5.2	4.3	4.7	5.2	6.0	5.9
	2018	6.2	5.7	4.2	3.8	5.1	6.0	5.8	5.7	5.4	4.4	4.8	5.3	6.2	6.0
	2019	6.3	5.8	4.2	3.9	5.1	6.1	5.9	5.8	5.4	4.4	4.8	5.3	6.3	6.1
	2020	6.4	5.9	4.3	3.9	5.2	6.2	6.0	5.8	5.5	4.5	4.9	5.4	6.4	6.2
	2021	6.4	6.0	4.3	4.0	5.3	6.2	6.0	5.9	5.6	4.5	4.9	5.4	6.4	6.2
	2022	6.5	6.0	4.4	4.0	5.3	6.3	6.1	6.0	5.6	4.6	5.0	5.5	6.5	6.3
	2023	6.5	6.1	4.4	4.0	5.4	6.3	6.1	6.0	5.7	4.6	5.0	5.5	6.5	6.3
	2024	6.6	6.1	4.4	4.1	5.4	6.4	6.2	6.1	5.7	4.6	5.1	5.6	6.6	6.4
	2025	6.6	6.1	4.5	4.1	5.4	6.4	6.2	6.1	5.7	4.7	5.1	5.6	6.6	6.4
Projected	2027	6.7	6.2	4.5	4.1	5.5	6.5	6.3	6.1	5.8	4.7	5.1	5.6	6.7	6.5
	2028	6.8	6.3	4.5	4.2	5.5	6.6	6.3	6.2	5.8	4.8	5.2	5.7	6.8	6.6
	2029	6.8	6.3	4.6	4.2	5.6	6.6	6.4	6.2	5.9	4.8	5.2	5.7	6.8	6.6
	2030	6.8	6.3	4.6	4.2	5.6	6.6	6.4	6.3	5.9	4.8	5.2	5.8	6.8	6.6
	2031	6.9	6.4	4.6	4.2	5.6	6.7	6.4	6.3	5.9	4.8	5.3	5.8	6.9	6.7
	2032	6.9	6.4	4.6	4.3	5.7	6.7	6.5	6.3	6.0	4.9	5.3	5.8	6.9	6.7
	2033	6.9	6.4	4.7	4.3	5.7	6.7	6.5	6.4	6.0	4.9	5.3	5.9	6.9	6.7
	2034	7.0	6.4	4.7	4.3	5.7	6.8	6.5	6.4	6.0	4.9	5.3	5.9	7.0	6.8
	2035	7.0	6.5	4.7	4.3	5.7	6.8	6.6	6.4	6.1	4.9	5.3	5.9	7.0	6.8
	2036	7.0	6.5	4.7	4.3	5.8	6.8	6.6	6.5	6.1	5.0	5.4	5.9	7.0	6.8

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	56.4%	53.2%	56.7%	61.0%	71.6%	60.3%	61.8%	62.6%	63.0%	57.6%	58.1%	58.3%	54.4%	46.0%
	2008	54.5%	48.5%	52.7%	61.2%	61.0%	60.0%	64.3%	55.2%	59.3%	61.1%	51.1%	55.7%	49.8%	48.1%
	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%	58.6%	54.7%	55.3%	46.4%	51.0%
Projected	2017	53.2%	53.9%	56.6%	58.1%	63.0%	54.4%	62.1%	62.4%	54.8%	55.2%	54.2%	56.7%	47.5%	49.0%
	2018	52.8%	53.7%	58.0%	57.2%	62.6%	55.4%	63.0%	62.0%	54.9%	54.9%	54.3%	57.1%	47.5%	49.0%
	2019	52.7%	53.5%	58.2%	56.8%	62.5%	55.6%	63.1%	61.9%	55.0%	54.9%	54.3%	57.2%	47.5%	49.0%
	2020	52.7%	51.8%	58.4%	56.9%	62.6%	55.7%	63.1%	61.8%	54.9%	54.8%	54.3%	57.3%	47.5%	49.0%
	2021	52.8%	53.7%	58.4%	56.9%	62.6%	55.7%	63.1%	61.8%	54.9%	54.7%	54.4%	57.3%	47.5%	49.0%
	2022	52.8%	53.7%	58.4%	56.9%	62.6%	55.7%	63.1%	61.8%	54.9%	54.7%	54.4%	57.4%	47.5%	49.0%
	2023	52.8%	53.7%	58.5%	56.9%	62.7%	55.7%	63.1%	61.8%	54.9%	54.7%	54.4%	57.4%	47.5%	49.0%
	2024	52.8%	51.9%	58.5%	56.9%	62.7%	55.7%	63.1%	61.8%	54.9%	54.7%	54.4%	57.4%	47.5%	49.0%
	2025	52.8%	53.7%	58.5%	56.9%	62.7%	55.7%	63.1%	61.7%	54.9%	54.7%	54.5%	57.4%	47.5%	49.0%
Avg.	2007-2016	52.9%	51.5%	55.3%	58.2%	63.5%	58.3%	63.1%	61.7%	59.4%	57.7%	54.2%	57.1%	48.2%	49.0%
	2017-2026	52.8%	53.3%	58.2%	57.0%	62.7%	55.5%	63.0%	61.9%	54.9%	54.8%	54.4%	57.3%	47.5%	49.0%

FMPA 2017 Load Forecast - High Economic Case
Havana
Monthly Coincident-Peak Demand with ARP (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	4.9	5.0	3.6	4.0	4.2	5.3	6.0	6.2	4.5	4.6	2.9	3.1	5.0	6.2
	2008	5.9	5.1	2.4	3.0	4.8	5.7	5.7	5.2	5.2	3.7	2.6	4.9	5.9	5.2
	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
Projected	2016	5.5	5.4	3.5	4.2	4.9	5.3	5.5	5.1	4.7	3.4	3.7	3.7	5.4	5.5
	2017	5.7	5.4	3.6	3.3	4.8	5.3	5.3	4.9	4.5	3.5	3.8	3.8	5.7	4.9
	2018	5.8	5.6	3.7	3.4	4.9	5.5	5.5	5.0	4.6	3.6	3.8	3.8	5.8	5.0
	2019	5.9	5.6	3.7	3.5	5.0	5.5	5.5	5.1	4.6	3.7	3.9	3.9	5.9	5.1
	2020	6.0	5.7	3.8	3.5	5.1	5.6	5.6	5.1	4.7	3.7	3.9	3.9	6.0	5.1
	2021	6.0	5.8	3.8	3.6	5.1	5.7	5.7	5.2	4.8	3.7	3.9	4.0	6.0	5.2
	2022	6.1	5.8	3.8	3.6	5.1	5.7	5.7	5.2	4.8	3.8	4.0	4.0	6.1	5.2
	2023	6.1	5.9	3.9	3.6	5.2	5.8	5.8	5.3	4.8	3.8	4.0	4.0	6.1	5.3
	2024	6.2	5.9	3.9	3.7	5.2	5.8	5.8	5.3	4.9	3.8	4.0	4.1	6.2	5.3
Projected	2025	6.2	6.0	3.9	3.7	5.3	5.8	5.8	5.4	4.9	3.9	4.1	4.1	6.2	5.4
	2026	6.3	6.0	3.9	3.7	5.3	5.9	5.9	5.4	4.9	3.9	4.1	4.1	6.3	5.4
	2027	6.3	6.0	4.0	3.7	5.3	5.9	5.9	5.4	5.0	3.9	4.1	4.1	6.3	5.4
	2028	6.3	6.1	4.0	3.7	5.4	5.9	5.9	5.5	5.0	3.9	4.1	4.2	6.3	5.5
	2029	6.4	6.1	4.0	3.8	5.4	6.0	6.0	5.5	5.0	4.0	4.1	4.2	6.4	5.5
	2030	6.4	6.1	4.0	3.8	5.4	6.0	6.0	5.5	5.1	4.0	4.2	4.2	6.4	5.5
	2031	6.4	6.2	4.1	3.8	5.5	6.0	6.0	5.6	5.1	4.0	4.2	4.2	6.4	5.6
	2032	6.5	6.2	4.1	3.8	5.5	6.1	6.1	5.6	5.1	4.0	4.2	4.2	6.5	5.6
	2033	6.5	6.2	4.1	3.8	5.5	6.1	6.1	5.6	5.1	4.0	4.2	4.3	6.5	5.6
Projected	2034	6.5	6.3	4.1	3.9	5.5	6.1	6.1	5.6	5.1	4.1	4.2	4.3	6.5	5.6
	2035	6.6	6.3	4.1	3.9	5.6	6.2	6.2	5.7	5.2	4.1	4.3	4.3	6.6	5.7
	2036	6.6	6.3	4.2	3.9	5.6	6.2	6.2	5.7	5.2	4.1	4.3	4.3	6.6	5.7

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	97.8%	88.5%	84.3%	100.0%	91.0%	92.1%	94.0%	92.9%	81.0%	96.9%	68.7%	64.4%	88.5%	92.9%
	2008	100.0%	89.7%	52.9%	80.8%	92.3%	96.8%	97.4%	84.5%	95.5%	93.2%	51.8%	95.1%	100.0%	84.5%
	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%
Projected	2016	88.4%	96.4%	96.1%	100.0%	100.0%	94.9%	97.0%	94.7%	93.8%	82.6%	79.8%	72.9%	86.1%	97.0%
	2017	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2018	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2019	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2020	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2021	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2022	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2023	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2024	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
Projected	2025	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2026	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
2007-2016		96.3%	94.7%	83.7%	90.3%	95.7%	92.3%	92.2%	88.2%	87.5%	88.4%	68.2%	79.4%	94.1%	88.4%
2017-2026		93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%

FMPA 2017 Load Forecast - High Economic Case - Havana

Historical and Projected - Energy Sales by Customer Class (Fiscal Year 2007-2036)

Fiscal Year		Residential						General Service						TOTAL SALES		DISTR.	TOTAL NEL	
		Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	LOSSES (MWh)	(MWh)	% Chg
Historical	2007	13,268		1,100		12,064		11,468		272		42.2		24,736		1,955	26,691	
	2008	12,936	-2.5%	1,114	1.3%	11,615	-3.7%	10,822	-5.6%	268	-1.4%	40.4	-4.3%	23,758	-4.0%	2,217	25,975	-2.7%
	2009	13,249	2.4%	1,122	0.7%	11,810	1.7%	10,427	-3.6%	254	-5.1%	41.0	1.5%	23,676	-0.3%	1,474	25,150	-3.2%
	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	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	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	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	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	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	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	24,925	-3.3%
Projected	2017	13,613	3.7%	1,125	0.3%	12,096	3.3%	10,142	-1.6%	321	0.5%	31.6	-2.1%	23,756	1.3%	1,309	25,064	0.6%
	2018	13,955	2.5%	1,127	0.2%	12,378	2.3%	10,395	2.5%	330	2.7%	31.5	-0.2%	24,350	2.5%	1,367	25,717	2.6%
	2019	14,125	1.2%	1,131	0.4%	12,484	0.9%	10,545	1.4%	334	1.4%	31.5	0.1%	24,670	1.3%	1,385	26,055	1.3%
	2020	14,360	1.7%	1,136	0.4%	12,642	1.3%	10,676	1.2%	338	1.1%	31.6	0.1%	25,036	1.5%	1,407	26,443	1.5%
	2021	14,513	1.1%	1,141	0.4%	12,723	0.6%	10,793	1.1%	341	1.0%	31.6	0.1%	25,305	1.1%	1,422	26,727	1.1%
	2022	14,625	0.8%	1,144	0.3%	12,784	0.5%	10,905	1.0%	345	0.9%	31.6	0.1%	25,530	0.9%	1,435	26,965	0.9%
	2023	14,736	0.8%	1,148	0.3%	12,839	0.4%	11,015	1.0%	348	0.9%	31.7	0.1%	25,751	0.9%	1,447	27,199	0.9%
	2024	14,838	0.7%	1,151	0.3%	12,890	0.4%	11,117	0.9%	351	0.8%	31.7	0.1%	25,954	0.8%	1,459	27,413	0.8%
	2025	14,938	0.7%	1,155	0.3%	12,935	0.4%	11,208	0.8%	353	0.8%	31.7	0.1%	26,146	0.7%	1,470	27,616	0.7%
	2026	15,017	0.5%	1,158	0.2%	12,973	0.3%	11,293	0.8%	356	0.7%	31.7	0.0%	26,310	0.6%	1,479	27,789	0.6%
	2027	15,086	0.5%	1,160	0.2%	13,001	0.2%	11,375	0.7%	358	0.7%	31.8	0.0%	26,461	0.6%	1,487	27,949	0.6%
	2028	15,150	0.4%	1,163	0.2%	13,026	0.2%	11,460	0.7%	361	0.7%	31.8	0.0%	26,610	0.6%	1,496	28,105	0.6%
	2029	15,214	0.4%	1,166	0.2%	13,050	0.2%	11,544	0.7%	363	0.7%	31.8	0.0%	26,758	0.6%	1,504	28,262	0.6%
	2030	15,282	0.4%	1,168	0.2%	13,078	0.2%	11,629	0.7%	366	0.7%	31.8	0.0%	26,911	0.6%	1,513	28,424	0.6%
	2031	15,347	0.4%	1,171	0.2%	13,109	0.2%	11,709	0.7%	368	0.7%	31.8	0.0%	27,056	0.5%	1,521	28,577	0.5%
	2032	15,403	0.4%	1,173	0.2%	13,137	0.2%	11,785	0.6%	370	0.6%	31.8	0.0%	27,188	0.5%	1,528	28,716	0.5%
	2033	15,465	0.4%	1,175	0.2%	13,161	0.2%	11,861	0.6%	373	0.6%	31.8	0.0%	27,326	0.5%	1,536	28,862	0.5%
	2034	15,518	0.3%	1,177	0.2%	13,181	0.2%	11,932	0.6%	375	0.6%	31.8	0.0%	27,450	0.5%	1,543	28,993	0.5%
	2035	15,564	0.3%	1,179	0.1%	13,201	0.1%	12,003	0.6%	377	0.6%	31.8	0.0%	27,568	0.4%	1,550	29,117	0.4%
	2036	15,614	0.3%	1,181	0.2%	13,219	0.1%	12,075	0.6%	379	0.6%	31.8	0.0%	27,689	0.4%	1,557	29,246	0.4%
CAGR	2007-2016		-0.1%		0.2%		-0.3%		-1.2%		1.8%		-3.0%		-0.6%			-0.8%
	2017-2026		1.1%		0.3%		0.8%		1.2%		1.1%		0.1%		1.1%			1.2%
	2027-2036		0.4%		0.2%		0.2%		0.7%		0.6%		0.0%		0.5%			0.5%

CAGR - Compound Average Growth Rate.

FMPA 2017 Load Forecast - Mild Weather Case

Havana

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)				
		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	2007	26,691	-	26,600	-	-0.3%	5.0	-	5.5	-	9.8%	6.2	-	6.1	-	-2.0%
	2008	25,975	-2.7%	26,034	-2.1%	0.2%	5.9	18.6%	5.9	8.3%	0.3%	5.2	-16.6%	5.3	-12.8%	2.4%
	2009	25,150	-3.2%	24,893	-4.4%	-1.0%	6.1	2.8%	5.8	-1.6%	-4.1%	5.9	14.4%	6.0	14.2%	2.3%
	2010	27,320	8.6%	25,217	1.3%	-7.7%	6.6	9.4%	6.0	3.2%	-9.5%	5.1	-13.2%	4.6	-24.5%	-11.0%
	2011	26,524	-2.9%	24,928	-1.1%	-6.0%	6.2	-6.2%	6.7	11.8%	7.9%	6.0	16.2%	5.1	12.0%	-14.3%
	2012	23,930	-9.8%	24,335	-2.4%	1.7%	5.5	-11.1%	5.3	-20.7%	-3.8%	4.9	-18.6%	4.7	-7.6%	-2.8%
	2013	24,585	2.7%	24,876	2.2%	1.2%	5.1	-8.7%	5.8	8.6%	14.4%	4.7	-3.8%	4.9	4.8%	5.9%
	2014	25,176	2.4%	24,854	-0.1%	-1.3%	5.4	6.6%	6.1	5.6%	13.4%	4.8	3.1%	5.3	7.8%	10.7%
	2015	25,771	2.4%	24,685	-0.7%	-4.2%	6.0	11.5%	6.9	12.4%	14.3%	4.6	-3.7%	6.9	28.9%	48.1%
	2016	24,925	-3.3%	24,588	-0.4%	-1.4%	5.4	-11.0%	6.1	-11.3%	14.0%	5.5	18.4%	5.2	-24.1%	-5.1%
Projected	2017	23,457	-5.9%	23,457	-4.6%		5.3	-1.4%	5.3	-13.5%		4.6	-17.1%	4.6	-12.7%	
	2018			23,761	1.3%				5.4	1.6%				4.6	1.6%	
	2019			23,862	0.4%				5.4	0.4%				4.6	0.4%	
	2020			24,010	0.6%				5.4	0.6%				4.7	0.6%	
	2021			24,102	0.4%				5.4	0.4%				4.7	0.4%	
	2022			24,201	0.4%				5.5	0.4%				4.7	0.4%	
	2023			24,293	0.4%				5.5	0.4%				4.7	0.4%	
	2024			24,381	0.4%				5.5	0.4%				4.7	0.4%	
	2025			24,459	0.3%				5.5	0.3%				4.8	0.3%	
	2026			24,526	0.3%				5.5	0.3%				4.8	0.3%	
	2027			24,586	0.2%				5.5	0.2%				4.8	0.2%	
	2028			24,647	0.3%				5.6	0.3%				4.8	0.3%	
	2029			24,708	0.2%				5.6	0.2%				4.8	0.2%	
	2030			24,767	0.2%				5.6	0.3%				4.8	0.3%	
	2031			24,838	0.3%				5.6	0.3%				4.8	0.3%	
	2032			24,899	0.2%				5.6	0.2%				4.8	0.2%	
	2033			24,951	0.2%				5.6	0.2%				4.9	0.2%	
	2034			25,003	0.2%				5.6	0.2%				4.9	0.2%	
	2035			25,052	0.2%				5.6	0.2%				4.9	0.2%	
	2036			25,110	0.2%				5.7	0.2%				4.9	0.2%	
CAGR ^[3]	2007-2016		-0.8%		-0.9%			0.8%		1.2%			-1.3%		-1.7%	
	2017-2026				0.5%					0.5%					0.5%	
	2027-2036				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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	26,691	-	26,600	-	-0.3%	5.6	-	54.1%	6.7	-	45.7%
	2008	25,975	-2.7%	26,034	-2.1%	0.2%	5.9	4.9%	50.2%	6.1	-8.2%	48.5%
	2009	25,150	-3.2%	24,893	-4.4%	-1.0%	6.1	3.9%	46.8%	5.9	-2.8%	48.3%
	2010	27,320	8.6%	25,217	1.3%	-7.7%	6.8	10.9%	45.8%	6.2	4.3%	50.3%
	2011	26,524	-2.9%	24,928	-1.1%	-6.0%	6.4	-5.5%	47.0%	6.2	-0.6%	49.2%
	2012	23,930	-9.8%	24,335	-2.4%	1.7%	5.8	-10.5%	47.4%	5.7	-7.6%	48.0%
	2013	24,585	2.7%	24,876	2.2%	1.2%	5.3	-8.9%	53.5%	5.6	-1.6%	50.1%
	2014	25,176	2.4%	24,854	-0.1%	-1.3%	6.4	22.1%	44.8%	5.8	4.1%	49.3%
	2015	25,771	2.4%	24,685	-0.7%	-4.2%	6.2	-2.9%	47.2%	5.8	-0.5%	50.7%
	2016	24,925	-3.3%	24,588	-0.4%	-1.4%	6.2	-0.2%	45.8%	5.7	-2.5%	50.3%
Projected	2017	23,457	-5.9%	23,457	-4.6%		5.6	-9.4%	47.6%	5.5	-3.5%	49.0%
	2018	23,761	1.3%	23,761	1.3%		5.7	1.6%	47.4%	5.5	1.6%	48.9%
	2019	23,862	0.4%	23,862	0.4%		5.7	0.4%	47.4%	5.6	0.4%	48.9%
	2020	24,010	0.6%	24,010	0.6%		5.8	0.6%	47.5%	5.6	0.6%	48.9%
	2021	24,102	0.4%	24,102	0.4%		5.8	0.4%	47.5%	5.6	0.4%	48.9%
	2022	24,201	0.4%	24,201	0.4%		5.8	0.4%	47.5%	5.6	0.4%	48.9%
	2023	24,293	0.4%	24,293	0.4%		5.8	0.4%	47.5%	5.7	0.4%	48.9%
	2024	24,381	0.4%	24,381	0.4%		5.9	0.4%	47.5%	5.7	0.4%	48.9%
	2025	24,459	0.3%	24,459	0.3%		5.9	0.3%	47.5%	5.7	0.3%	48.9%
	2026	24,526	0.3%	24,526	0.3%		5.9	0.3%	47.5%	5.7	0.3%	48.9%
	2027	24,586	0.2%	24,586	0.2%		5.9	0.2%	47.5%	5.7	0.2%	48.9%
	2028	24,647	0.3%	24,647	0.3%		5.9	0.3%	47.5%	5.7	0.3%	48.9%
	2029	24,708	0.2%	24,708	0.2%		5.9	0.2%	47.5%	5.8	0.2%	49.0%
	2030	24,767	0.2%	24,767	0.2%		6.0	0.3%	47.5%	5.8	0.3%	48.9%
	2031	24,838	0.3%	24,838	0.3%		6.0	0.3%	47.5%	5.8	0.3%	48.9%
	2032	24,899	0.2%	24,899	0.2%		6.0	0.2%	47.5%	5.8	0.2%	49.0%
	2033	24,951	0.2%	24,951	0.2%		6.0	0.2%	47.5%	5.8	0.2%	48.9%
	2034	25,003	0.2%	25,003	0.2%		6.0	0.2%	47.5%	5.8	0.2%	49.0%
	2035	25,052	0.2%	25,052	0.2%		6.0	0.2%	47.5%	5.8	0.2%	48.9%
	2036	25,110	0.2%	25,110	0.2%		6.0	0.2%	47.5%	5.9	0.2%	48.9%
CAGR ^[1]	2007-2016		-0.8%		-0.9%			1.1%	48.3%		-1.8%	49.0%
	2017-2026		0.5%		0.5%			0.5%	47.5%		0.5%	48.9%
	2027-2036		0.2%		0.2%			0.2%	47.5%		0.2%	48.9%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Mild Weather Case

Havana

Monthly Net Energy for Load (MWh)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2007	2,112	2,013	1,781	1,798	2,213	2,572	2,816	3,104	2,500	2,047	1,849	2,048	26,852	26,691
	2008	2,397	1,909	1,800	1,672	2,145	2,608	2,689	2,509	2,303	1,820	1,881	2,048	25,780	25,975
	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	1,789	1,871	1,941	25,201	24,925
Projected	2017	2,030	1,710	1,549	1,609	2,083	2,287	2,333	2,354	1,900	1,674	1,880	2,020	23,429	23,457
	2018	2,047	1,733	1,621	1,606	2,104	2,364	2,402	2,377	1,934	1,690	1,891	2,040	23,809	23,761
	2019	2,048	1,735	1,633	1,601	2,107	2,378	2,414	2,381	1,944	1,697	1,900	2,056	23,893	23,862
	2020	2,061	1,749	1,649	1,611	2,122	2,396	2,427	2,389	1,952	1,703	1,906	2,063	24,030	24,010
	2021	2,068	1,756	1,656	1,617	2,131	2,406	2,437	2,399	1,961	1,710	1,915	2,072	24,126	24,102
	2022	2,076	1,763	1,663	1,623	2,140	2,416	2,447	2,408	1,969	1,717	1,922	2,080	24,223	24,201
	2023	2,084	1,769	1,669	1,629	2,148	2,425	2,456	2,417	1,976	1,723	1,929	2,087	24,314	24,293
	2024	2,091	1,776	1,675	1,635	2,156	2,434	2,465	2,425	1,983	1,729	1,936	2,094	24,400	24,381
	2025	2,098	1,781	1,681	1,641	2,163	2,441	2,472	2,433	1,989	1,735	1,942	2,100	24,476	24,459
	2026	2,104	1,786	1,685	1,645	2,169	2,448	2,479	2,439	1,994	1,739	1,947	2,105	24,540	24,526
Projected	2027	2,109	1,790	1,689	1,649	2,175	2,454	2,485	2,445	1,999	1,744	1,952	2,110	24,600	24,586
	2028	2,113	1,794	1,693	1,653	2,181	2,460	2,491	2,451	2,004	1,748	1,957	2,115	24,663	24,647
	2029	2,119	1,799	1,698	1,658	2,186	2,466	2,497	2,456	2,009	1,752	1,961	2,120	24,721	24,708
	2030	2,123	1,803	1,701	1,662	2,192	2,472	2,503	2,463	2,015	1,757	1,967	2,126	24,784	24,767
	2031	2,129	1,808	1,706	1,667	2,199	2,479	2,510	2,470	2,020	1,762	1,973	2,131	24,854	24,838
	2032	2,134	1,812	1,711	1,671	2,204	2,485	2,516	2,475	2,025	1,766	1,977	2,135	24,911	24,899
	2033	2,138	1,816	1,714	1,674	2,209	2,491	2,521	2,481	2,029	1,770	1,981	2,140	24,964	24,951
	2034	2,143	1,819	1,718	1,678	2,214	2,496	2,526	2,485	2,033	1,774	1,985	2,143	25,014	25,003
	2035	2,146	1,823	1,721	1,681	2,219	2,501	2,531	2,490	2,038	1,778	1,990	2,148	25,066	25,052
	2036	2,151	1,827	1,725	1,685	2,224	2,507	2,537	2,496	2,042	1,782	1,994	2,153	25,123	25,110

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2007	7.9%	7.5%	6.6%	6.7%	8.2%	9.6%	10.5%	11.6%	9.3%	7.6%	6.9%	7.6%	100.0%
	2008	9.3%	7.4%	7.0%	6.5%	8.3%	10.1%	10.4%	9.7%	8.9%	7.1%	7.3%	7.9%	100.0%
	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	9.5%	7.8%	6.6%	6.4%	8.0%	9.7%	10.6%	10.3%	9.0%	7.1%	7.4%	7.7%	100.0%
Projected	2017	8.7%	7.3%	6.6%	6.9%	8.9%	9.8%	10.0%	10.0%	8.1%	7.1%	8.0%	8.6%	100.0%
	2018	8.6%	7.3%	6.8%	6.7%	8.8%	9.9%	10.1%	10.0%	8.1%	7.1%	7.9%	8.6%	100.0%
	2019	8.6%	7.3%	6.8%	6.7%	8.8%	10.0%	10.1%	10.0%	8.1%	7.1%	8.0%	8.6%	100.0%
	2020	8.6%	7.3%	6.9%	6.7%	8.8%	10.0%	10.1%	9.9%	8.1%	7.1%	7.9%	8.6%	100.0%
	2021	8.6%	7.3%	6.9%	6.7%	8.8%	10.0%	10.1%	9.9%	8.1%	7.1%	7.9%	8.6%	100.0%
	2022	8.6%	7.3%	6.9%	6.7%	8.8%	10.0%	10.1%	9.9%	8.1%	7.1%	7.9%	8.6%	100.0%
	2023	8.6%	7.3%	6.9%	6.7%	8.8%	10.0%	10.1%	9.9%	8.1%	7.1%	7.9%	8.6%	100.0%
	2024	8.6%	7.3%	6.9%	6.7%	8.8%	10.0%	10.1%	9.9%	8.1%	7.1%	7.9%	8.6%	100.0%
	2025	8.6%	7.3%	6.9%	6.7%	8.8%	10.0%	10.1%	9.9%	8.1%	7.1%	7.9%	8.6%	100.0%
	2026	8.6%	7.3%	6.9%	6.7%	8.8%	10.0%	10.1%	9.9%	8.1%	7.1%	7.9%	8.6%	100.0%
Avg.	2007-2016	9.1%	7.7%	7.0%	6.5%	8.1%	9.8%	10.2%	10.4%	8.8%	7.1%	7.1%	8.2%	100.0%
	2017-2026	8.6%	7.3%	6.8%	6.7%	8.8%	9.9%	10.1%	10.0%	8.1%	7.1%	7.9%	8.6%	100.0%

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FMPA 2017 Load Forecast - Mild Weather Case
Havana
Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	5.0	5.6	4.2	4.0	4.6	5.7	6.3	6.7	5.5	4.8	4.3	4.9	5.6	6.7
	2008	5.9	5.7	4.6	3.7	5.2	5.8	5.8	6.1	5.4	4.0	4.9	5.1	5.9	6.1
	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	4.1	4.3	4.7	6.2	5.7
Projected	2017	5.6	5.2	3.8	3.5	4.6	5.5	5.3	5.2	4.9	4.0	4.4	4.8	5.6	5.5
	2018	5.7	5.3	3.8	3.5	4.7	5.5	5.4	5.3	4.9	4.0	4.4	4.8	5.7	5.5
	2019	5.7	5.3	3.9	3.5	4.7	5.6	5.4	5.3	5.0	4.0	4.4	4.8	5.7	5.6
	2020	5.8	5.3	3.9	3.6	4.7	5.6	5.4	5.3	5.0	4.1	4.4	4.9	5.8	5.6
	2021	5.8	5.4	3.9	3.6	4.7	5.6	5.4	5.3	5.0	4.1	4.4	4.9	5.8	5.6
	2022	5.8	5.4	3.9	3.6	4.8	5.6	5.5	5.3	5.0	4.1	4.4	4.9	5.8	5.6
	2023	5.8	5.4	3.9	3.6	4.8	5.7	5.5	5.4	5.0	4.1	4.5	4.9	5.8	5.7
	2024	5.9	5.4	3.9	3.6	4.8	5.7	5.5	5.4	5.1	4.1	4.5	4.9	5.9	5.7
	2025	5.9	5.4	3.9	3.6	4.8	5.7	5.5	5.4	5.1	4.1	4.5	4.9	5.9	5.7
Projected	2027	5.9	5.5	4.0	3.6	4.8	5.7	5.5	5.4	5.1	4.2	4.5	5.0	5.9	5.7
	2028	5.9	5.5	4.0	3.7	4.8	5.7	5.6	5.4	5.1	4.2	4.5	5.0	5.9	5.7
	2029	5.9	5.5	4.0	3.7	4.9	5.8	5.6	5.5	5.1	4.2	4.5	5.0	5.9	5.8
	2030	6.0	5.5	4.0	3.7	4.9	5.8	5.6	5.5	5.1	4.2	4.5	5.0	6.0	5.8
	2031	6.0	5.5	4.0	3.7	4.9	5.8	5.6	5.5	5.2	4.2	4.6	5.0	6.0	5.8
	2032	6.0	5.5	4.0	3.7	4.9	5.8	5.6	5.5	5.2	4.2	4.6	5.0	6.0	5.8
	2033	6.0	5.5	4.0	3.7	4.9	5.8	5.6	5.5	5.2	4.2	4.6	5.0	6.0	5.8
	2034	6.0	5.6	4.0	3.7	4.9	5.8	5.6	5.5	5.2	4.2	4.6	5.1	6.0	5.8
	2035	6.0	5.6	4.0	3.7	4.9	5.8	5.6	5.5	5.2	4.2	4.6	5.1	6.0	5.8
	2036	6.0	5.6	4.1	3.7	4.9	5.9	5.7	5.5	5.2	4.3	4.6	5.1	6.0	5.9

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	56.4%	53.2%	56.7%	61.0%	71.6%	60.3%	61.8%	62.6%	63.0%	57.6%	58.1%	58.3%	54.4%	46.0%
	2008	54.5%	48.5%	52.7%	61.2%	61.0%	60.0%	64.3%	55.2%	59.3%	61.1%	51.1%	55.7%	49.8%	48.1%
	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%	58.5%	58.7%	57.1%	46.3%	50.8%
Projected	2017	48.5%	48.9%	55.1%	62.2%	67.2%	56.3%	61.4%	61.2%	54.2%	56.7%	58.1%	58.4%	47.5%	49.0%
	2018	48.1%	48.7%	56.7%	61.1%	66.8%	57.3%	62.2%	60.8%	54.3%	56.4%	58.2%	58.8%	47.5%	49.0%
	2019	47.9%	48.6%	56.9%	60.7%	66.7%	57.4%	62.3%	60.7%	54.4%	56.4%	58.1%	58.9%	47.5%	49.0%
	2020	48.0%	47.1%	57.2%	60.7%	66.8%	57.5%	62.2%	60.6%	54.3%	56.3%	58.1%	58.9%	47.5%	49.0%
	2021	47.9%	48.7%	57.2%	60.7%	66.8%	57.5%	62.2%	60.6%	54.4%	56.3%	58.1%	58.9%	47.5%	49.0%
	2022	47.9%	48.7%	57.2%	60.7%	66.8%	57.5%	62.2%	60.5%	54.4%	56.3%	58.1%	58.9%	47.5%	49.0%
	2023	47.9%	48.7%	57.2%	60.7%	66.8%	57.5%	62.2%	60.5%	54.4%	56.3%	58.1%	58.9%	47.5%	49.0%
	2024	47.9%	47.0%	57.2%	60.7%	66.8%	57.5%	62.2%	60.5%	54.4%	56.3%	58.2%	58.9%	47.5%	49.0%
	2025	47.9%	48.7%	57.2%	60.7%	66.8%	57.5%	62.2%	60.5%	54.4%	56.3%	58.2%	58.9%	47.5%	49.0%
Avg.	2007-2016	52.9%	51.5%	55.3%	58.2%	63.5%	58.3%	63.1%	61.7%	59.4%	57.7%	54.6%	57.2%	48.2%	49.0%
	2017-2026	48.0%	48.4%	56.9%	60.9%	66.8%	57.4%	62.1%	60.6%	54.3%	56.3%	58.1%	58.9%	47.5%	49.0%

FMPA 2017 Load Forecast - Mild Weather Case
Havana
Monthly Coincident-Peak Demand with ARP (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	4.9	5.0	3.6	4.0	4.2	5.3	6.0	6.2	4.5	4.6	2.9	3.1	5.0	6.2
	2008	5.9	5.1	2.4	3.0	4.8	5.7	5.7	5.2	5.2	3.7	2.6	4.9	5.9	5.2
	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	3.4	3.4	3.4	5.4	5.5
Projected	2017	5.3	5.1	3.3	3.1	4.5	4.9	4.9	4.6	4.2	3.3	3.5	3.5	5.3	4.6
	2018	5.4	5.1	3.4	3.2	4.5	5.0	5.0	4.6	4.2	3.3	3.5	3.5	5.4	4.6
	2019	5.4	5.2	3.4	3.2	4.6	5.0	5.0	4.6	4.2	3.3	3.5	3.5	5.4	4.6
	2020	5.4	5.2	3.4	3.2	4.6	5.1	5.1	4.7	4.3	3.4	3.5	3.5	5.4	4.7
	2021	5.4	5.2	3.4	3.2	4.6	5.1	5.1	4.7	4.3	3.4	3.5	3.6	5.4	4.7
	2022	5.5	5.2	3.4	3.2	4.6	5.1	5.1	4.7	4.3	3.4	3.5	3.6	5.5	4.7
	2023	5.5	5.2	3.4	3.2	4.6	5.1	5.1	4.7	4.3	3.4	3.6	3.6	5.5	4.7
	2024	5.5	5.3	3.5	3.2	4.6	5.2	5.2	4.7	4.3	3.4	3.6	3.6	5.5	4.7
	2025	5.5	5.3	3.5	3.3	4.7	5.2	5.2	4.8	4.3	3.4	3.6	3.6	5.5	4.8
Projected	2026	5.5	5.3	3.5	3.3	4.7	5.2	5.2	4.8	4.4	3.4	3.6	3.6	5.5	4.8
	2027	5.5	5.3	3.5	3.3	4.7	5.2	5.2	4.8	4.4	3.4	3.6	3.6	5.5	4.8
	2028	5.6	5.3	3.5	3.3	4.7	5.2	5.2	4.8	4.4	3.4	3.6	3.6	5.6	4.8
	2029	5.6	5.3	3.5	3.3	4.7	5.2	5.2	4.8	4.4	3.5	3.6	3.6	5.6	4.8
	2030	5.6	5.3	3.5	3.3	4.7	5.2	5.2	4.8	4.4	3.5	3.6	3.7	5.6	4.8
	2031	5.6	5.4	3.5	3.3	4.7	5.2	5.2	4.8	4.4	3.5	3.6	3.7	5.6	4.8
	2032	5.6	5.4	3.5	3.3	4.7	5.3	5.3	4.8	4.4	3.5	3.6	3.7	5.6	4.8
	2033	5.6	5.4	3.5	3.3	4.8	5.3	5.3	4.9	4.4	3.5	3.6	3.7	5.6	4.9
	2034	5.6	5.4	3.5	3.3	4.8	5.3	5.3	4.9	4.4	3.5	3.7	3.7	5.6	4.9
	2035	5.6	5.4	3.6	3.3	4.8	5.3	5.3	4.9	4.4	3.5	3.7	3.7	5.6	4.9
	2036	5.7	5.4	3.6	3.3	4.8	5.3	5.3	4.9	4.5	3.5	3.7	3.7	5.7	4.9

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	97.8%	88.5%	84.3%	100.0%	91.0%	92.1%	94.0%	92.9%	81.0%	96.9%	68.7%	64.4%	88.5%	92.9%
	2008	100.0%	89.7%	52.9%	80.8%	92.3%	96.8%	97.4%	84.5%	95.5%	93.2%	51.8%	95.1%	100.0%	84.5%
	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%	82.6%	79.8%	72.9%	86.1%	97.0%
Projected	2017	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2018	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2019	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2020	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2021	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2022	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2023	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2024	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2025	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2026	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2007-2016	96.3%	94.7%	83.7%	90.3%	95.7%	92.3%	92.2%	88.2%	87.5%	88.4%	68.2%	79.4%	94.1%	88.4%
	2017-2026	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%

FMPA 2017 Load Forecast - Mild Weather Case - Havana

Historical and Projected - Energy Sales by Customer Class (Fiscal Year 2007-2036)

Fiscal Year		Residential						General Service						TOTAL SALES		DISTR.	TOTAL NEL	
		Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	LOSSES (MWh)	(MWh)	% Chg
Historical	2007	13,268		1,100		12,064		11,468		272		42.2		24,736		1,955	26,691	
	2008	12,936	-2.5%	1,114	1.3%	11,615	-3.7%	10,822	-5.6%	268	-1.4%	40.4	-4.3%	23,758	-4.0%	2,217	25,975	-2.7%
	2009	13,249	2.4%	1,122	0.7%	11,810	1.7%	10,427	-3.6%	254	-5.1%	41.0	1.5%	23,676	-0.3%	1,474	25,150	-3.2%
	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	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	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	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	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	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	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	24,925	-3.3%
Projected	2017	12,352	-5.9%	1,124	0.2%	10,989	-6.1%	9,852	-4.4%	320	0.1%	30.8	-4.5%	22,205	-5.3%	1,253	23,457	-5.9%
	2018	12,527	1.4%	1,122	-0.2%	11,170	1.6%	9,934	0.8%	325	1.5%	30.6	-0.7%	22,461	1.2%	1,300	23,761	1.3%
	2019	12,553	0.2%	1,122	0.0%	11,188	0.2%	10,003	0.7%	327	0.8%	30.5	-0.1%	22,556	0.4%	1,306	23,862	0.4%
	2020	12,627	0.6%	1,124	0.2%	11,233	0.4%	10,068	0.7%	330	0.6%	30.5	0.0%	22,695	0.6%	1,315	24,010	0.6%
	2021	12,652	0.2%	1,126	0.2%	11,236	0.0%	10,130	0.6%	332	0.6%	30.6	0.0%	22,782	0.4%	1,320	24,102	0.4%
	2022	12,684	0.2%	1,128	0.2%	11,240	0.0%	10,192	0.6%	334	0.6%	30.6	0.0%	22,876	0.4%	1,326	24,201	0.4%
	2023	12,707	0.2%	1,130	0.1%	11,245	0.0%	10,256	0.6%	336	0.6%	30.6	0.0%	22,962	0.4%	1,331	24,293	0.4%
	2024	12,731	0.2%	1,131	0.1%	11,252	0.1%	10,314	0.6%	337	0.6%	30.6	0.0%	23,045	0.4%	1,336	24,381	0.4%
	2025	12,754	0.2%	1,133	0.1%	11,258	0.1%	10,365	0.5%	339	0.5%	30.6	0.0%	23,119	0.3%	1,340	24,459	0.3%
	2026	12,772	0.1%	1,134	0.1%	11,259	0.0%	10,410	0.4%	341	0.5%	30.6	0.0%	23,182	0.3%	1,344	24,526	0.3%
	2027	12,784	0.1%	1,136	0.1%	11,254	0.0%	10,455	0.4%	342	0.5%	30.5	0.0%	23,239	0.2%	1,347	24,586	0.2%
	2028	12,793	0.1%	1,137	0.1%	11,248	-0.1%	10,504	0.5%	344	0.5%	30.5	0.0%	23,297	0.3%	1,350	24,647	0.3%
	2029	12,800	0.0%	1,138	0.1%	11,244	0.0%	10,555	0.5%	346	0.5%	30.5	0.0%	23,354	0.2%	1,354	24,708	0.2%
	2030	12,805	0.0%	1,139	0.0%	11,244	0.0%	10,605	0.5%	347	0.5%	30.5	0.0%	23,410	0.2%	1,357	24,767	0.2%
	2031	12,825	0.2%	1,140	0.1%	11,248	0.0%	10,652	0.4%	349	0.5%	30.5	0.0%	23,477	0.3%	1,361	24,838	0.3%
	2032	12,838	0.1%	1,141	0.1%	11,249	0.0%	10,697	0.4%	351	0.4%	30.5	0.0%	23,535	0.2%	1,364	24,899	0.2%
	2033	12,843	0.0%	1,142	0.0%	11,249	0.0%	10,741	0.4%	352	0.4%	30.5	0.0%	23,584	0.2%	1,367	24,951	0.2%
	2034	12,851	0.1%	1,143	0.1%	11,246	0.0%	10,782	0.4%	354	0.4%	30.5	0.0%	23,633	0.2%	1,370	25,003	0.2%
	2035	12,853	0.0%	1,143	0.0%	11,244	0.0%	10,826	0.4%	355	0.4%	30.5	0.0%	23,679	0.2%	1,372	25,052	0.2%
	2036	12,866	0.1%	1,145	0.1%	11,241	0.0%	10,868	0.4%	357	0.4%	30.5	0.0%	23,734	0.2%	1,376	25,110	0.2%
CAGR	2007-2016		-0.1%		0.2%		-0.3%		-1.2%		1.8%		-3.0%		-0.6%			-0.8%
	2017-2026		0.4%		0.1%		0.3%		0.6%		0.7%		-0.1%		0.5%			0.5%
	2027-2036		0.1%		0.1%		0.0%		0.4%		0.5%		0.0%		0.2%			0.2%

CAGR - Compound Average Growth Rate.

FMPA 2017 Load Forecast - Severe Weather Case

Havana

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)				
		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	2007	26,691	-	26,600	-	-0.3%	5.0	-	5.5	-	9.8%	6.2	-	6.1	-	-2.0%
	2008	25,975	-2.7%	26,034	-2.1%	0.2%	5.9	18.6%	5.9	8.3%	0.3%	5.2	-16.6%	5.3	-12.8%	2.4%
	2009	25,150	-3.2%	24,893	-4.4%	-1.0%	6.1	2.8%	5.8	-1.6%	-4.1%	5.9	14.4%	6.0	14.2%	2.3%
	2010	27,320	8.6%	25,217	1.3%	-7.7%	6.6	9.4%	6.0	3.2%	-9.5%	5.1	-13.2%	4.6	-24.5%	-11.0%
	2011	26,524	-2.9%	24,928	-1.1%	-6.0%	6.2	-6.2%	6.7	11.8%	7.9%	6.0	16.2%	5.1	12.0%	-14.3%
	2012	23,930	-9.8%	24,335	-2.4%	1.7%	5.5	-11.1%	5.3	-20.7%	-3.8%	4.9	-18.6%	4.7	-7.6%	-2.8%
	2013	24,585	2.7%	24,876	2.2%	1.2%	5.1	-8.7%	5.8	8.6%	14.4%	4.7	-3.8%	4.9	4.8%	5.9%
	2014	25,176	2.4%	24,854	-0.1%	-1.3%	5.4	6.6%	6.1	5.6%	13.4%	4.8	3.1%	5.3	7.8%	10.7%
	2015	25,771	2.4%	24,685	-0.7%	-4.2%	6.0	11.5%	6.9	12.4%	14.3%	4.6	-3.7%	6.9	28.9%	48.1%
	2016	24,925	-3.3%	24,588	-0.4%	-1.4%	5.4	-11.0%	6.1	-11.3%	14.0%	5.5	18.4%	5.2	-24.1%	-5.1%
Projected	2017	26,679	7.0%	26,679	8.5%		6.0	12.6%	6.0	-1.2%		5.2	-5.3%	5.2	-0.2%	
	2018			27,169	1.8%				6.1	1.7%				5.3	1.7%	
	2019			27,276	0.4%				6.1	0.3%				5.3	0.3%	
	2020			27,447	0.6%				6.2	0.6%				5.3	0.6%	
	2021			27,548	0.4%				6.2	0.4%				5.4	0.4%	
	2022			27,658	0.4%				6.2	0.4%				5.4	0.4%	
	2023			27,758	0.4%				6.3	0.4%				5.4	0.4%	
	2024			27,854	0.3%				6.3	0.3%				5.4	0.3%	
	2025			27,940	0.3%				6.3	0.3%				5.4	0.3%	
	2026			28,014	0.3%				6.3	0.3%				5.4	0.3%	
	2027			28,079	0.2%				6.3	0.2%				5.5	0.2%	
	2028			28,145	0.2%				6.3	0.2%				5.5	0.2%	
	2029			28,210	0.2%				6.4	0.2%				5.5	0.2%	
	2030			28,273	0.2%				6.4	0.2%				5.5	0.2%	
	2031			28,351	0.3%				6.4	0.3%				5.5	0.3%	
	2032			28,417	0.2%				6.4	0.2%				5.5	0.2%	
	2033			28,473	0.2%				6.4	0.2%				5.5	0.2%	
	2034			28,529	0.2%				6.4	0.2%				5.5	0.2%	
	2035			28,580	0.2%				6.4	0.2%				5.6	0.2%	
	2036			28,643	0.2%				6.5	0.2%				5.6	0.2%	
CAGR ^[3]	2007-2016		-0.8%		-0.9%			0.8%		1.2%			-1.3%		-1.7%	
	2017-2026				0.5%					0.5%					0.5%	
	2027-2036				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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	26,691	-	26,600	-	-0.3%	5.6	-	54.1%	6.7	-	45.7%
	2008	25,975	-2.7%	26,034	-2.1%	0.2%	5.9	4.9%	50.2%	6.1	-8.2%	48.5%
	2009	25,150	-3.2%	24,893	-4.4%	-1.0%	6.1	3.9%	46.8%	5.9	-2.8%	48.3%
	2010	27,320	8.6%	25,217	1.3%	-7.7%	6.8	10.9%	45.8%	6.2	4.3%	50.3%
	2011	26,524	-2.9%	24,928	-1.1%	-6.0%	6.4	-5.5%	47.0%	6.2	-0.6%	49.2%
	2012	23,930	-9.8%	24,335	-2.4%	1.7%	5.8	-10.5%	47.4%	5.7	-7.6%	48.0%
	2013	24,585	2.7%	24,876	2.2%	1.2%	5.3	-8.9%	53.5%	5.6	-1.6%	50.1%
	2014	25,176	2.4%	24,854	-0.1%	-1.3%	6.4	22.1%	44.8%	5.8	4.1%	49.3%
	2015	25,771	2.4%	24,685	-0.7%	-4.2%	6.2	-2.9%	47.2%	5.8	-0.5%	50.7%
	2016	24,925	-3.3%	24,588	-0.4%	-1.4%	6.2	-0.2%	45.8%	5.7	-2.5%	50.3%
Projected	2017	26,679	7.0%	26,679	8.5%		6.4	3.5%	47.4%	6.2	10.2%	48.8%
	2018	27,169	1.8%	27,169	1.8%		6.5	1.7%	47.4%	6.3	1.7%	48.9%
	2019	27,276	0.4%	27,276	0.4%		6.6	0.3%	47.5%	6.4	0.3%	48.9%
	2020	27,447	0.6%	27,447	0.6%		6.6	0.6%	47.5%	6.4	0.6%	49.0%
	2021	27,548	0.4%	27,548	0.4%		6.6	0.4%	47.5%	6.4	0.4%	49.0%
	2022	27,658	0.4%	27,658	0.4%		6.6	0.4%	47.5%	6.4	0.4%	49.0%
	2023	27,758	0.4%	27,758	0.4%		6.7	0.4%	47.5%	6.5	0.4%	49.0%
	2024	27,854	0.3%	27,854	0.3%		6.7	0.3%	47.5%	6.5	0.3%	49.0%
	2025	27,940	0.3%	27,940	0.3%		6.7	0.3%	47.5%	6.5	0.3%	49.0%
	2026	28,014	0.3%	28,014	0.3%		6.7	0.3%	47.5%	6.5	0.3%	49.0%
	2027	28,079	0.2%	28,079	0.2%		6.7	0.2%	47.5%	6.5	0.2%	49.0%
	2028	28,145	0.2%	28,145	0.2%		6.8	0.2%	47.5%	6.6	0.2%	49.0%
	2029	28,210	0.2%	28,210	0.2%		6.8	0.2%	47.5%	6.6	0.2%	49.0%
	2030	28,273	0.2%	28,273	0.2%		6.8	0.2%	47.5%	6.6	0.2%	49.0%
	2031	28,351	0.3%	28,351	0.3%		6.8	0.3%	47.5%	6.6	0.3%	49.0%
	2032	28,417	0.2%	28,417	0.2%		6.8	0.2%	47.5%	6.6	0.2%	49.0%
	2033	28,473	0.2%	28,473	0.2%		6.8	0.2%	47.5%	6.6	0.2%	49.0%
	2034	28,529	0.2%	28,529	0.2%		6.9	0.2%	47.5%	6.6	0.2%	49.0%
	2035	28,580	0.2%	28,580	0.2%		6.9	0.2%	47.5%	6.7	0.2%	49.0%
	2036	28,643	0.2%	28,643	0.2%		6.9	0.2%	47.5%	6.7	0.2%	49.0%
CAGR ^[1]	2007-2016		-0.8%		-0.9%			1.1%	48.3%		-1.8%	49.0%
	2017-2026		0.5%		0.5%			0.5%	47.5%		0.5%	48.9%
	2027-2036		0.2%		0.2%			0.2%	47.5%		0.2%	49.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Severe Weather Case

Havana

Monthly Net Energy for Load (MWh)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2007	2,112	2,013	1,781	1,798	2,213	2,572	2,816	3,104	2,500	2,047	1,849	2,048	26,852	26,691
	2008	2,397	1,909	1,800	1,672	2,145	2,608	2,689	2,509	2,303	1,820	1,881	2,048	25,780	25,975
	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	1,789	1,871	2,100	25,360	24,925
Projected	2017	2,847	2,396	1,843	1,609	2,083	2,437	2,722	2,783	2,198	1,792	1,880	2,187	26,777	26,679
	2018	2,865	2,428	1,934	1,606	2,104	2,521	2,805	2,809	2,238	1,809	1,891	2,210	27,221	27,169
	2019	2,864	2,428	1,949	1,601	2,107	2,536	2,819	2,813	2,250	1,817	1,900	2,227	27,308	27,276
	2020	2,883	2,449	1,968	1,611	2,122	2,554	2,834	2,823	2,259	1,823	1,906	2,234	27,468	27,447
	2021	2,890	2,457	1,976	1,617	2,131	2,565	2,846	2,834	2,269	1,831	1,915	2,244	27,573	27,548
	2022	2,901	2,466	1,984	1,623	2,140	2,575	2,857	2,845	2,277	1,838	1,922	2,252	27,680	27,658
	2023	2,910	2,474	1,991	1,629	2,148	2,585	2,867	2,855	2,286	1,845	1,929	2,260	27,780	27,758
	2024	2,920	2,482	1,997	1,635	2,156	2,594	2,877	2,864	2,294	1,851	1,936	2,267	27,874	27,854
	2025	2,928	2,489	2,004	1,641	2,163	2,602	2,885	2,873	2,301	1,857	1,942	2,273	27,958	27,940
	2026	2,935	2,495	2,009	1,645	2,169	2,609	2,893	2,880	2,306	1,862	1,947	2,278	28,029	28,014
Projected	2027	2,941	2,500	2,013	1,649	2,175	2,615	2,899	2,887	2,312	1,866	1,952	2,283	28,094	28,079
	2028	2,947	2,505	2,018	1,653	2,181	2,622	2,906	2,894	2,318	1,871	1,957	2,289	28,161	28,145
	2029	2,953	2,510	2,022	1,658	2,186	2,628	2,913	2,900	2,323	1,876	1,961	2,293	28,223	28,210
	2030	2,958	2,514	2,026	1,662	2,192	2,635	2,920	2,907	2,329	1,881	1,967	2,299	28,290	28,273
	2031	2,965	2,521	2,032	1,667	2,199	2,642	2,928	2,915	2,335	1,886	1,973	2,305	28,368	28,351
	2032	2,972	2,526	2,037	1,671	2,204	2,648	2,934	2,921	2,340	1,890	1,977	2,309	28,430	28,417
	2033	2,976	2,530	2,040	1,674	2,209	2,654	2,940	2,927	2,345	1,895	1,981	2,314	28,487	28,473
	2034	2,982	2,535	2,044	1,678	2,214	2,659	2,946	2,932	2,350	1,898	1,985	2,317	28,540	28,529
	2035	2,985	2,538	2,048	1,681	2,219	2,664	2,952	2,938	2,355	1,903	1,990	2,322	28,594	28,580
	2036	2,991	2,543	2,052	1,685	2,224	2,670	2,958	2,945	2,360	1,907	1,994	2,327	28,657	28,643

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2007	7.9%	7.5%	6.6%	6.7%	8.2%	9.6%	10.5%	11.6%	9.3%	7.6%	6.9%	7.6%	100.0%
	2008	9.3%	7.4%	7.0%	6.5%	8.3%	10.1%	10.4%	9.7%	8.9%	7.1%	7.3%	7.9%	100.0%
	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	9.4%	7.8%	6.5%	6.3%	8.0%	9.6%	10.5%	10.2%	8.9%	7.1%	7.4%	8.3%	100.0%
Projected	2017	10.6%	8.9%	6.9%	6.0%	7.8%	9.1%	10.2%	10.4%	8.2%	6.7%	7.0%	8.2%	100.0%
	2018	10.5%	8.9%	7.1%	5.9%	7.7%	9.3%	10.3%	10.3%	8.2%	6.6%	6.9%	8.1%	100.0%
	2019	10.5%	8.9%	7.1%	5.9%	7.7%	9.3%	10.3%	10.3%	8.2%	6.7%	7.0%	8.2%	100.0%
	2020	10.5%	8.9%	7.2%	5.9%	7.7%	9.3%	10.3%	10.3%	8.2%	6.6%	6.9%	8.1%	100.0%
	2021	10.5%	8.9%	7.2%	5.9%	7.7%	9.3%	10.3%	10.3%	8.2%	6.6%	6.9%	8.1%	100.0%
	2022	10.5%	8.9%	7.2%	5.9%	7.7%	9.3%	10.3%	10.3%	8.2%	6.6%	6.9%	8.1%	100.0%
	2023	10.5%	8.9%	7.2%	5.9%	7.7%	9.3%	10.3%	10.3%	8.2%	6.6%	6.9%	8.1%	100.0%
	2024	10.5%	8.9%	7.2%	5.9%	7.7%	9.3%	10.3%	10.3%	8.2%	6.6%	6.9%	8.1%	100.0%
	2025	10.5%	8.9%	7.2%	5.9%	7.7%	9.3%	10.3%	10.3%	8.2%	6.6%	6.9%	8.1%	100.0%
	2026	10.5%	8.9%	7.2%	5.9%	7.7%	9.3%	10.3%	10.3%	8.2%	6.6%	6.9%	8.1%	100.0%
Avg.	2007-2016	9.1%	7.7%	7.0%	6.5%	8.1%	9.8%	10.2%	10.3%	8.8%	7.1%	7.1%	8.3%	100.0%
	2017-2026	10.5%	8.9%	7.1%	5.9%	7.7%	9.3%	10.3%	10.3%	8.2%	6.6%	7.0%	8.1%	100.0%

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FMPA 2017 Load Forecast - Severe Weather Case
Havana
Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	5.0	5.6	4.2	4.0	4.6	5.7	6.3	6.7	5.5	4.8	4.3	4.9	5.6	6.7
	2008	5.9	5.7	4.6	3.7	5.2	5.8	5.8	6.1	5.4	4.0	4.9	5.1	5.9	6.1
	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	4.1	4.9	5.4	6.2	5.7
Projected	2017	6.4	5.9	4.3	4.0	5.3	6.2	6.0	5.9	5.6	4.5	5.0	5.5	6.4	6.2
	2018	6.5	6.0	4.4	4.0	5.4	6.3	6.1	6.0	5.6	4.6	5.0	5.5	6.5	6.3
	2019	6.6	6.1	4.4	4.1	5.4	6.4	6.2	6.0	5.7	4.6	5.0	5.5	6.6	6.4
	2020	6.6	6.1	4.4	4.1	5.4	6.4	6.2	6.1	5.7	4.6	5.0	5.6	6.6	6.4
	2021	6.6	6.1	4.4	4.1	5.4	6.4	6.2	6.1	5.7	4.7	5.1	5.6	6.6	6.4
	2022	6.6	6.1	4.5	4.1	5.4	6.4	6.2	6.1	5.7	4.7	5.1	5.6	6.6	6.4
	2023	6.7	6.2	4.5	4.1	5.5	6.5	6.3	6.1	5.8	4.7	5.1	5.6	6.7	6.5
	2024	6.7	6.2	4.5	4.1	5.5	6.5	6.3	6.1	5.8	4.7	5.1	5.6	6.7	6.5
	2025	6.7	6.2	4.5	4.1	5.5	6.5	6.3	6.2	5.8	4.7	5.1	5.6	6.7	6.5
	2026	6.7	6.2	4.5	4.2	5.5	6.5	6.3	6.2	5.8	4.7	5.1	5.7	6.7	6.5
Projected	2027	6.7	6.2	4.5	4.2	5.5	6.5	6.3	6.2	5.8	4.8	5.1	5.7	6.7	6.5
	2028	6.8	6.3	4.5	4.2	5.5	6.6	6.3	6.2	5.8	4.8	5.2	5.7	6.8	6.6
	2029	6.8	6.3	4.6	4.2	5.5	6.6	6.4	6.2	5.9	4.8	5.2	5.7	6.8	6.6
	2030	6.8	6.3	4.6	4.2	5.6	6.6	6.4	6.2	5.9	4.8	5.2	5.7	6.8	6.6
	2031	6.8	6.3	4.6	4.2	5.6	6.6	6.4	6.3	5.9	4.8	5.2	5.7	6.8	6.6
	2032	6.8	6.3	4.6	4.2	5.6	6.6	6.4	6.3	5.9	4.8	5.2	5.7	6.8	6.6
	2033	6.8	6.3	4.6	4.2	5.6	6.6	6.4	6.3	5.9	4.8	5.2	5.8	6.8	6.6
	2034	6.9	6.3	4.6	4.2	5.6	6.6	6.4	6.3	5.9	4.8	5.2	5.8	6.9	6.6
	2035	6.9	6.4	4.6	4.2	5.6	6.7	6.4	6.3	5.9	4.8	5.2	5.8	6.9	6.7
	2036	6.9	6.4	4.6	4.3	5.6	6.7	6.5	6.3	5.9	4.8	5.2	5.8	6.9	6.7

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	56.4%	53.2%	56.7%	61.0%	71.6%	60.3%	61.8%	62.6%	63.0%	57.6%	58.1%	58.3%	54.4%	46.0%
	2008	54.5%	48.5%	52.7%	61.2%	61.0%	60.0%	64.3%	55.2%	59.3%	61.1%	51.1%	55.7%	49.8%	48.1%
	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%	58.5%	51.4%	54.1%	46.6%	51.1%
Projected	2017	59.5%	59.9%	57.4%	54.4%	58.9%	52.5%	62.7%	63.3%	54.9%	53.2%	50.8%	55.4%	47.5%	49.0%
	2018	58.9%	59.8%	59.2%	53.5%	58.5%	53.4%	63.5%	62.9%	55.0%	52.8%	51.0%	55.8%	47.5%	49.0%
	2019	58.7%	59.6%	59.5%	53.1%	58.4%	53.6%	63.6%	62.8%	55.1%	52.9%	50.9%	55.9%	47.5%	49.0%
	2020	58.7%	57.7%	59.7%	53.1%	58.5%	53.7%	63.6%	62.6%	55.0%	52.7%	50.9%	55.8%	47.5%	49.0%
	2021	58.7%	59.7%	59.7%	53.1%	58.5%	53.7%	63.6%	62.6%	55.1%	52.8%	50.9%	55.9%	47.5%	49.0%
	2022	58.7%	59.7%	59.7%	53.1%	58.5%	53.7%	63.6%	62.6%	55.1%	52.8%	50.9%	55.9%	47.5%	49.0%
	2023	58.6%	59.7%	59.7%	53.1%	58.5%	53.7%	63.6%	62.6%	55.1%	52.8%	50.9%	55.9%	47.5%	49.0%
	2024	58.6%	57.6%	59.7%	53.2%	58.5%	53.7%	63.6%	62.6%	55.1%	52.8%	51.0%	55.9%	47.5%	49.0%
	2025	58.6%	59.6%	59.7%	53.2%	58.6%	53.7%	63.6%	62.6%	55.1%	52.8%	51.0%	55.9%	47.5%	49.0%
	2026	58.6%	59.6%	59.7%	53.2%	58.6%	53.7%	63.6%	62.6%	55.1%	52.8%	51.0%	55.9%	47.5%	49.0%
Avg.	2007-2016	52.9%	51.5%	55.3%	58.2%	63.5%	58.3%	63.1%	61.7%	59.4%	57.7%	53.9%	56.9%	48.3%	49.0%
	2017-2026	58.8%	59.3%	59.4%	53.3%	58.5%	53.5%	63.5%	62.7%	55.1%	52.8%	50.9%	55.8%	47.5%	49.0%

FMPA 2017 Load Forecast - Severe Weather Case
Havana
Monthly Coincident-Peak Demand with ARP (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	4.9	5.0	3.6	4.0	4.2	5.3	6.0	6.2	4.5	4.6	2.9	3.1	5.0	6.2
	2008	5.9	5.1	2.4	3.0	4.8	5.7	5.7	5.2	5.2	3.7	2.6	4.9	5.9	5.2
	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	3.4	3.9	3.9	5.4	5.5
Projected	2017	6.0	5.8	3.8	3.6	5.1	5.6	5.7	5.2	4.7	3.7	4.0	4.0	6.0	5.2
	2018	6.1	5.9	3.9	3.6	5.2	5.7	5.7	5.3	4.8	3.8	4.0	4.0	6.1	5.3
	2019	6.1	5.9	3.9	3.6	5.2	5.8	5.8	5.3	4.8	3.8	4.0	4.0	6.1	5.3
	2020	6.2	5.9	3.9	3.7	5.2	5.8	5.8	5.3	4.9	3.8	4.0	4.1	6.2	5.3
	2021	6.2	5.9	3.9	3.7	5.3	5.8	5.8	5.4	4.9	3.9	4.0	4.1	6.2	5.4
	2022	6.2	6.0	3.9	3.7	5.3	5.8	5.8	5.4	4.9	3.9	4.0	4.1	6.2	5.4
	2023	6.3	6.0	3.9	3.7	5.3	5.9	5.9	5.4	4.9	3.9	4.1	4.1	6.3	5.4
	2024	6.3	6.0	4.0	3.7	5.3	5.9	5.9	5.4	4.9	3.9	4.1	4.1	6.3	5.4
	2025	6.3	6.0	4.0	3.7	5.3	5.9	5.9	5.4	5.0	3.9	4.1	4.1	6.3	5.4
Projected	2026	6.3	6.0	4.0	3.7	5.3	5.9	5.9	5.4	5.0	3.9	4.1	4.1	6.3	5.4
	2027	6.3	6.1	4.0	3.7	5.4	5.9	5.9	5.5	5.0	3.9	4.1	4.1	6.3	5.5
	2028	6.3	6.1	4.0	3.7	5.4	5.9	5.9	5.5	5.0	3.9	4.1	4.1	6.3	5.5
	2029	6.4	6.1	4.0	3.8	5.4	6.0	6.0	5.5	5.0	3.9	4.1	4.2	6.4	5.5
	2030	6.4	6.1	4.0	3.8	5.4	6.0	6.0	5.5	5.0	4.0	4.1	4.2	6.4	5.5
	2031	6.4	6.1	4.0	3.8	5.4	6.0	6.0	5.5	5.0	4.0	4.1	4.2	6.4	5.5
	2032	6.4	6.1	4.0	3.8	5.4	6.0	6.0	5.5	5.0	4.0	4.2	4.2	6.4	5.5
	2033	6.4	6.1	4.0	3.8	5.4	6.0	6.0	5.5	5.1	4.0	4.2	4.2	6.4	5.5
	2034	6.4	6.2	4.0	3.8	5.4	6.0	6.0	5.5	5.1	4.0	4.2	4.2	6.4	5.5
Projected	2035	6.4	6.2	4.1	3.8	5.4	6.0	6.0	5.6	5.1	4.0	4.2	4.2	6.4	5.6
	2036	6.5	6.2	4.1	3.8	5.5	6.0	6.0	5.6	5.1	4.0	4.2	4.2	6.5	5.6

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	97.8%	88.5%	84.3%	100.0%	91.0%	92.1%	94.0%	92.9%	81.0%	96.9%	68.7%	64.4%	88.5%	92.9%
	2008	100.0%	89.7%	52.9%	80.8%	92.3%	96.8%	97.4%	84.5%	95.5%	93.2%	51.8%	95.1%	100.0%	84.5%
	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%
Projected	2016	88.4%	96.4%	96.1%	100.0%	100.0%	94.9%	97.0%	94.7%	93.8%	82.6%	79.8%	72.9%	86.1%	97.0%
	2017	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2018	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2019	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2020	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2021	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2022	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2023	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2024	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
Projected	2025	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
	2026	93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%
2007-2016		96.3%	94.7%	83.7%	90.3%	95.7%	92.3%	92.2%	88.2%	87.5%	88.4%	68.2%	79.4%	94.1%	88.4%
2017-2026		93.8%	97.0%	87.9%	89.7%	96.9%	90.6%	93.7%	88.0%	85.5%	82.6%	79.8%	72.9%	93.8%	83.4%

FMPA 2017 Load Forecast - Severe Weather Case - Havana

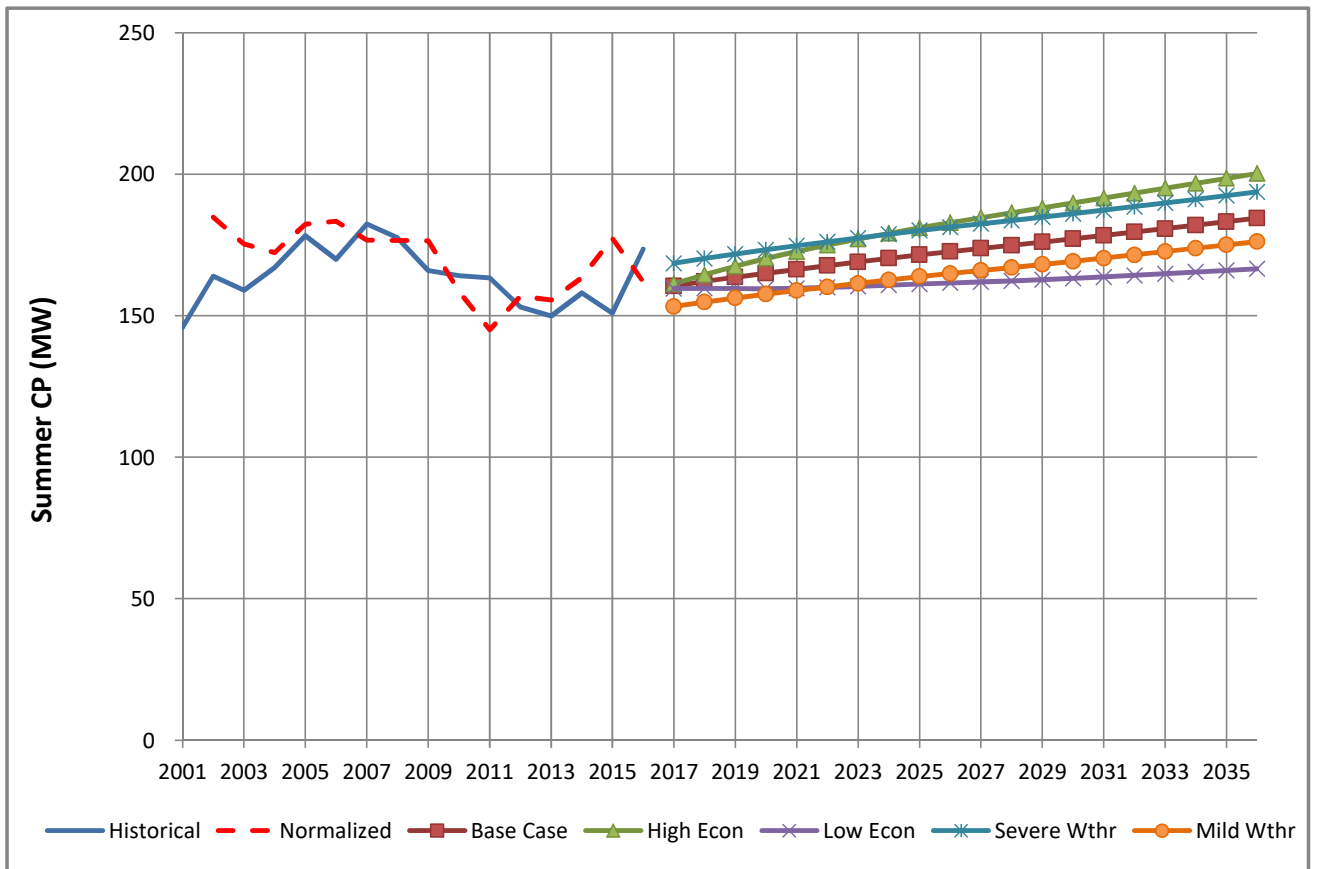
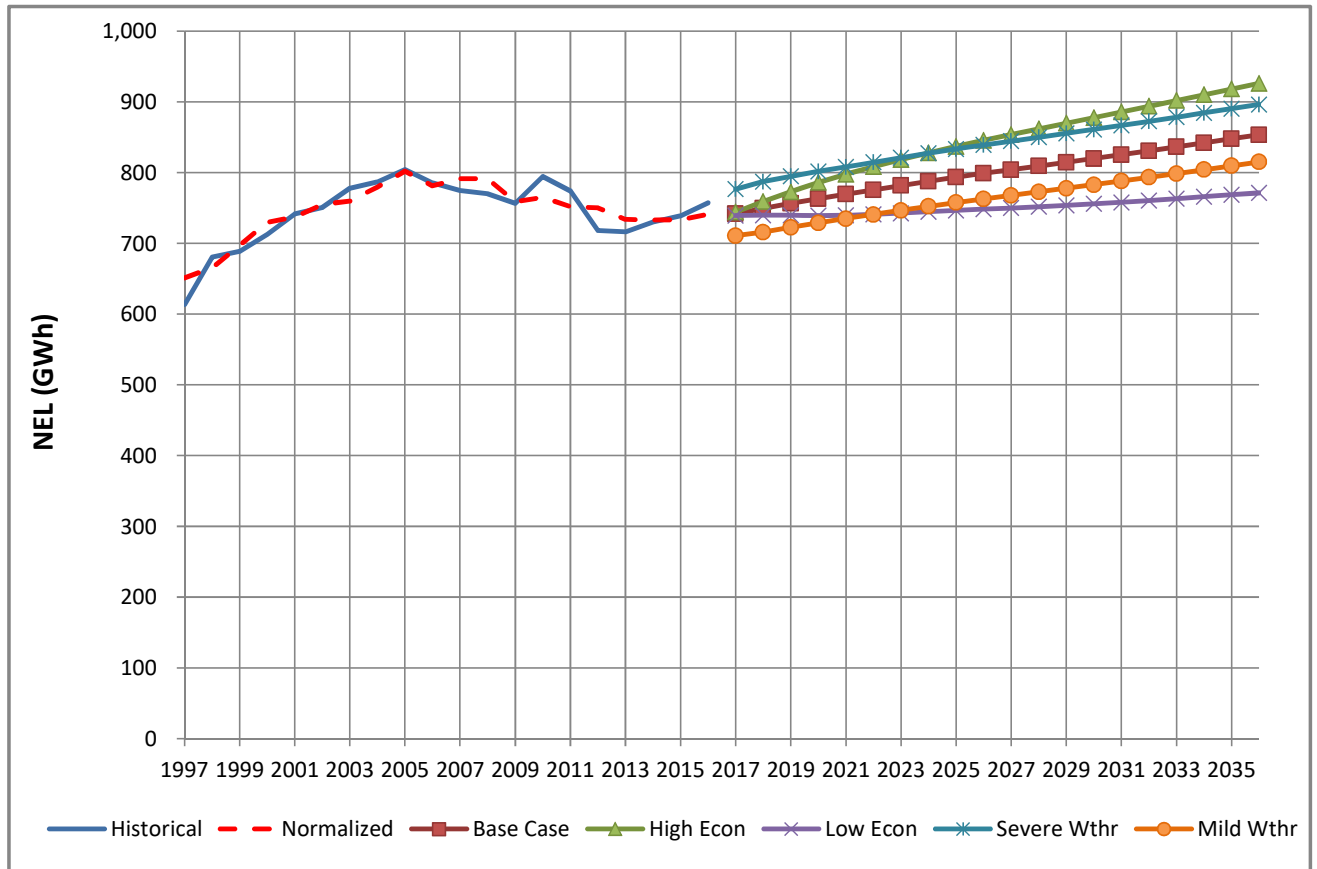
Historical and Projected - Energy Sales by Customer Class (Fiscal Year 2007-2036)

Fiscal Year		Residential						General Service						TOTAL SALES		DISTR.	TOTAL NEL	
		Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	LOSSES (MWh)	(MWh)	% Chg
Historical	2007	13,268		1,100		12,064		11,468		272		42.2		24,736		1,955	26,691	
	2008	12,936	-2.5%	1,114	1.3%	11,615	-3.7%	10,822	-5.6%	268	-1.4%	40.4	-4.3%	23,758	-4.0%	2,217	25,975	-2.7%
	2009	13,249	2.4%	1,122	0.7%	11,810	1.7%	10,427	-3.6%	254	-5.1%	41.0	1.5%	23,676	-0.3%	1,474	25,150	-3.2%
	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	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	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	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	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	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	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	24,925	-3.3%
Projected	2017	15,002	14.3%	1,124	0.2%	13,346	14.0%	10,316	0.0%	320	0.1%	32.2	0.0%	25,317	8.0%	1,362	26,679	7.0%
	2018	15,321	2.1%	1,122	-0.2%	13,661	2.4%	10,449	1.3%	325	1.5%	32.2	-0.2%	25,770	1.8%	1,399	27,169	1.8%
	2019	15,349	0.2%	1,122	0.0%	13,680	0.1%	10,522	0.7%	327	0.8%	32.1	-0.1%	25,871	0.4%	1,405	27,276	0.4%
	2020	15,442	0.6%	1,124	0.2%	13,737	0.4%	10,590	0.6%	330	0.6%	32.1	0.0%	26,032	0.6%	1,415	27,447	0.6%
	2021	15,472	0.2%	1,126	0.2%	13,741	0.0%	10,655	0.6%	332	0.6%	32.1	0.0%	26,127	0.4%	1,420	27,548	0.4%
	2022	15,511	0.3%	1,128	0.2%	13,745	0.0%	10,721	0.6%	334	0.6%	32.1	0.0%	26,231	0.4%	1,426	27,658	0.4%
	2023	15,539	0.2%	1,130	0.1%	13,751	0.0%	10,788	0.6%	336	0.6%	32.1	0.0%	26,326	0.4%	1,432	27,758	0.4%
	2024	15,569	0.2%	1,131	0.1%	13,760	0.1%	10,849	0.6%	337	0.6%	32.2	0.0%	26,417	0.3%	1,437	27,854	0.3%
	2025	15,597	0.2%	1,133	0.1%	13,767	0.1%	10,902	0.5%	339	0.5%	32.1	0.0%	26,499	0.3%	1,441	27,940	0.3%
	2026	15,619	0.1%	1,134	0.1%	13,768	0.0%	10,950	0.4%	341	0.5%	32.1	0.0%	26,569	0.3%	1,445	28,014	0.3%
	2027	15,633	0.1%	1,136	0.1%	13,763	0.0%	10,997	0.4%	342	0.5%	32.1	0.0%	26,631	0.2%	1,448	28,079	0.2%
	2028	15,645	0.1%	1,137	0.1%	13,756	-0.1%	11,049	0.5%	344	0.5%	32.1	0.0%	26,693	0.2%	1,452	28,145	0.2%
	2029	15,653	0.1%	1,138	0.1%	13,750	0.0%	11,102	0.5%	346	0.5%	32.1	0.0%	26,755	0.2%	1,455	28,210	0.2%
	2030	15,660	0.0%	1,139	0.0%	13,750	0.0%	11,155	0.5%	347	0.5%	32.1	0.0%	26,814	0.2%	1,459	28,273	0.2%
	2031	15,684	0.2%	1,140	0.1%	13,755	0.0%	11,205	0.4%	349	0.5%	32.1	0.0%	26,888	0.3%	1,463	28,351	0.3%
	2032	15,700	0.1%	1,141	0.1%	13,757	0.0%	11,252	0.4%	351	0.4%	32.1	0.0%	26,951	0.2%	1,466	28,417	0.2%
	2033	15,706	0.0%	1,142	0.0%	13,756	0.0%	11,298	0.4%	352	0.4%	32.1	0.0%	27,004	0.2%	1,469	28,473	0.2%
	2034	15,716	0.1%	1,143	0.1%	13,753	0.0%	11,341	0.4%	354	0.4%	32.1	0.0%	27,057	0.2%	1,472	28,529	0.2%
	2035	15,718	0.0%	1,143	0.0%	13,750	0.0%	11,387	0.4%	355	0.4%	32.1	0.0%	27,106	0.2%	1,475	28,580	0.2%
	2036	15,733	0.1%	1,145	0.1%	13,746	0.0%	11,432	0.4%	357	0.4%	32.1	0.0%	27,165	0.2%	1,478	28,643	0.2%
CAGR	2007-2016		-0.1%		0.2%		-0.3%		-1.2%		1.8%		-3.0%		-0.6%			-0.8%
	2017-2026		0.4%		0.1%		0.3%		0.7%		0.7%		0.0%		0.5%			0.5%
	2027-2036		0.1%		0.1%		0.0%		0.4%		0.5%		0.0%		0.2%			0.2%

CAGR - Compound Average Growth Rate.

Jacksonville Beach

FMPA 2017 Load Forecast **Jacksonville Beach** Historical and Projected NEL and Annual Coincident Peak Demand



FMPA 2017 Load Forecast - Low Economic 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	2007	774,574	-	786,523	-	1.5%	141.1	-	190.2	-	34.8%	182.5	-	176.7	-	-3.2%
	2008	770,389	-0.5%	785,773	-0.1%	2.0%	177.3	25.7%	191.9	0.8%	8.2%	177.6	-2.7%	176.6	-0.1%	-0.5%
	2009	756,706	-1.8%	754,108	-4.0%	-0.3%	202.3	14.1%	192.1	0.1%	-5.0%	166.0	-6.5%	176.6	0.0%	6.4%
	2010	794,526	5.0%	759,281	0.7%	-4.4%	222.6	10.0%	178.9	-6.9%	-19.6%	164.2	-1.1%	158.5	-10.2%	-3.5%
	2011	774,250	-2.6%	747,963	-1.5%	-3.4%	208.7	-6.2%	210.2	17.5%	0.7%	163.4	-0.5%	146.0	-7.9%	-10.6%
	2012	718,167	-7.2%	747,485	-0.1%	4.1%	171.1	-18.0%	177.8	-15.4%	3.9%	153.1	-6.3%	157.0	7.5%	2.6%
	2013	716,333	-0.3%	733,952	-1.8%	2.5%	161.5	-5.6%	173.1	-2.7%	7.2%	149.9	-2.1%	155.6	-0.9%	3.8%
	2014	730,250	1.9%	732,930	-0.1%	0.4%	166.4	3.1%	184.9	6.8%	11.1%	158.1	5.5%	163.5	5.1%	3.5%
	2015	738,958	1.2%	733,390	0.1%	-0.8%	195.1	17.3%	187.2	1.2%	-4.1%	151.0	-4.5%	177.4	8.5%	17.5%
	2016	757,330	2.5%	741,171	1.1%	-2.1%	164.0	-16.0%	185.3	-1.0%	13.0%	173.5	14.9%	162.0	-8.7%	-6.6%
Projected	2017	739,527	-2.4%	739,527	-0.2%		174.7	6.5%	174.7	-5.7%		159.6	-8.0%	159.6	-1.5%	
	2018			739,764	0.0%				174.7	0.0%				159.7	0.0%	
	2019			739,822	0.0%				174.7	0.0%				159.7	0.0%	
	2020			739,243	-0.1%				174.6	-0.1%				159.6	-0.1%	
	2021			739,675	0.1%				174.8	0.1%				159.7	0.1%	
	2022			740,979	0.2%				175.1	0.2%				160.0	0.2%	
	2023			742,670	0.2%				175.5	0.2%				160.4	0.2%	
	2024			744,677	0.3%				176.0	0.3%				160.8	0.3%	
	2025			746,579	0.3%				176.4	0.3%				161.2	0.3%	
	2026			748,344	0.2%				176.8	0.2%				161.6	0.2%	
	2027			750,015	0.2%				177.2	0.2%				162.0	0.2%	
	2028			751,774	0.2%				177.7	0.2%				162.4	0.2%	
	2029			753,729	0.3%				178.1	0.3%				162.8	0.3%	
	2030			755,824	0.3%				178.6	0.3%				163.2	0.3%	
	2031			757,983	0.3%				179.2	0.3%				163.7	0.3%	
	2032			760,512	0.3%				179.8	0.3%				164.3	0.3%	
	2033			763,153	0.3%				180.4	0.4%				164.9	0.4%	
	2034			765,914	0.4%				181.0	0.4%				165.5	0.4%	
	2035			768,656	0.4%				181.7	0.4%				166.0	0.4%	
	2036			771,393	0.4%				182.3	0.4%				166.6	0.4%	
CAGR ^[3]	2007-2016		-0.2%		-0.7%			1.7%		-0.3%			-0.6%		-1.0%	
	2017-2026				0.1%					0.1%					0.1%	
	2027-2036				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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	774,574	-	786,523	-	1.5%	172.6	-	51.2%	182.5	-	48.5%
	2008	770,389	-0.5%	785,773	-0.1%	2.0%	179.5	4.0%	49.0%	178.7	-2.1%	49.2%
	2009	756,706	-1.8%	754,108	-4.0%	-0.3%	212.6	18.5%	40.6%	173.1	-3.1%	49.9%
	2010	794,526	5.0%	759,281	0.7%	-4.4%	222.6	4.7%	40.7%	172.6	-0.3%	52.5%
	2011	774,250	-2.6%	747,963	-1.5%	-3.4%	208.7	-6.2%	42.4%	172.2	-0.3%	51.3%
	2012	718,167	-7.2%	747,485	-0.1%	4.1%	171.1	-18.0%	47.9%	170.3	-1.1%	48.1%
	2013	716,333	-0.3%	733,952	-1.8%	2.5%	168.2	-1.7%	48.6%	157.9	-7.3%	51.8%
	2014	730,250	1.9%	732,930	-0.1%	0.4%	192.1	14.2%	43.4%	166.4	5.3%	50.1%
	2015	738,958	1.2%	733,390	0.1%	-0.8%	195.1	1.6%	43.2%	165.1	-0.8%	51.1%
	2016	757,330	2.5%	741,171	1.1%	-2.1%	171.8	-11.9%	50.3%	178.0	7.9%	48.6%
Projected	2017	739,527	-2.4%	739,527	-0.2%		191.3	11.3%	44.1%	169.0	-5.1%	50.0%
	2018	739,764	0.0%	739,764	0.0%		191.4	0.0%	44.1%	169.1	0.0%	49.9%
	2019	739,822	0.0%	739,822	0.0%		191.4	0.0%	44.1%	169.0	0.0%	50.0%
	2020	739,243	-0.1%	739,243	-0.1%		191.3	-0.1%	44.1%	168.9	-0.1%	50.0%
	2021	739,675	0.1%	739,675	0.1%		191.4	0.1%	44.1%	169.1	0.1%	49.9%
	2022	740,979	0.2%	740,979	0.2%		191.8	0.2%	44.1%	169.4	0.2%	49.9%
	2023	742,670	0.2%	742,670	0.2%		192.3	0.2%	44.1%	169.8	0.2%	49.9%
	2024	744,677	0.3%	744,677	0.3%		192.8	0.3%	44.1%	170.3	0.3%	49.9%
	2025	746,579	0.3%	746,579	0.3%		193.3	0.3%	44.1%	170.7	0.3%	49.9%
	2026	748,344	0.2%	748,344	0.2%		193.7	0.2%	44.1%	171.1	0.2%	49.9%
	2027	750,015	0.2%	750,015	0.2%		194.1	0.2%	44.1%	171.5	0.2%	49.9%
	2028	751,774	0.2%	751,774	0.2%		194.6	0.2%	44.1%	171.9	0.2%	49.9%
	2029	753,729	0.3%	753,729	0.3%		195.1	0.3%	44.1%	172.3	0.3%	49.9%
	2030	755,824	0.3%	755,824	0.3%		195.7	0.3%	44.1%	172.8	0.3%	49.9%
	2031	757,983	0.3%	757,983	0.3%		196.3	0.3%	44.1%	173.3	0.3%	49.9%
	2032	760,512	0.3%	760,512	0.3%		196.9	0.3%	44.1%	173.9	0.3%	49.9%
	2033	763,153	0.3%	763,153	0.3%		197.6	0.4%	44.1%	174.5	0.4%	49.9%
	2034	765,914	0.4%	765,914	0.4%		198.3	0.4%	44.1%	175.2	0.4%	49.9%
	2035	768,656	0.4%	768,656	0.4%		199.0	0.4%	44.1%	175.8	0.4%	49.9%
	2036	771,393	0.4%	771,393	0.4%		199.7	0.4%	44.1%	176.4	0.4%	49.9%
CAGR ^[1]	2007-2016		-0.2%		-0.7%			0.0%	45.7%		-0.3%	50.1%
	2017-2026		0.1%		0.1%			0.1%	44.1%		0.1%	49.9%
	2027-2036		0.3%		0.3%			0.3%	44.1%		0.3%	49.9%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - High Economic 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	2007	774,574	-	786,523	-	1.5%	141.1	-	190.2	-	34.8%	182.5	-	176.7	-	-3.2%
	2008	770,389	-0.5%	785,773	-0.1%	2.0%	177.3	25.7%	191.9	0.8%	8.2%	177.6	-2.7%	176.6	-0.1%	-0.5%
	2009	756,706	-1.8%	754,108	-4.0%	-0.3%	202.3	14.1%	192.1	0.1%	-5.0%	166.0	-6.5%	176.6	0.0%	6.4%
	2010	794,526	5.0%	759,281	0.7%	-4.4%	222.6	10.0%	178.9	-6.9%	-19.6%	164.2	-1.1%	158.5	-10.2%	-3.5%
	2011	774,250	-2.6%	747,963	-1.5%	-3.4%	208.7	-6.2%	210.2	17.5%	0.7%	163.4	-0.5%	146.0	-7.9%	-10.6%
	2012	718,167	-7.2%	747,485	-0.1%	4.1%	171.1	-18.0%	177.8	-15.4%	3.9%	153.1	-6.3%	157.0	7.5%	2.6%
	2013	716,333	-0.3%	733,952	-1.8%	2.5%	161.5	-5.6%	173.1	-2.7%	7.2%	149.9	-2.1%	155.6	-0.9%	3.8%
	2014	730,250	1.9%	732,930	-0.1%	0.4%	166.4	3.1%	184.9	6.8%	11.1%	158.1	5.5%	163.5	5.1%	3.5%
	2015	738,958	1.2%	733,390	0.1%	-0.8%	195.1	17.3%	187.2	1.2%	-4.1%	151.0	-4.5%	177.4	8.5%	17.5%
	2016	757,330	2.5%	741,171	1.1%	-2.1%	164.0	-16.0%	185.3	-1.0%	13.0%	173.5	14.9%	162.0	-8.7%	-6.6%
Projected	2017	744,368	-1.7%	744,368	0.4%		176.5	7.7%	176.5	-4.7%		161.3	-7.0%	161.3	-0.4%	
	2018			759,103	2.0%				180.0	2.0%				164.5	2.0%	
	2019			772,894	1.8%				183.3	1.8%				167.5	1.8%	
	2020			786,221	1.7%				186.4	1.7%				170.3	1.7%	
	2021			797,832	1.5%				189.0	1.4%				172.7	1.4%	
	2022			808,336	1.3%				191.5	1.3%				175.0	1.3%	
	2023			818,306	1.2%				193.8	1.2%				177.1	1.2%	
	2024			827,987	1.2%				196.1	1.2%				179.2	1.2%	
	2025			837,064	1.1%				198.2	1.1%				181.1	1.1%	
	2026			845,606	1.0%				200.2	1.0%				182.9	1.0%	
	2027			853,742	1.0%				202.1	1.0%				184.7	1.0%	
	2028			861,798	0.9%				204.0	0.9%				186.4	0.9%	
	2029			869,818	0.9%				205.9	0.9%				188.1	0.9%	
	2030			877,777	0.9%				207.7	0.9%				189.8	0.9%	
	2031			885,697	0.9%				209.6	0.9%				191.6	0.9%	
	2032			893,821	0.9%				211.5	0.9%				193.3	0.9%	
	2033			901,994	0.9%				213.5	0.9%				195.1	0.9%	
	2034			910,170	0.9%				215.4	0.9%				196.8	0.9%	
	2035			918,218	0.9%				217.3	0.9%				198.6	0.9%	
	2036			926,198	0.9%				219.2	0.9%				200.3	0.9%	
CAGR ^[3]	2007-2016		-0.2%		-0.7%			1.7%		-0.3%			-0.6%		-1.0%	
	2017-2026				1.4%					1.4%					1.4%	
	2027-2036				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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	774,574	-	786,523	-	1.5%	172.6	-	51.2%	182.5	-	48.5%
	2008	770,389	-0.5%	785,773	-0.1%	2.0%	179.5	4.0%	49.0%	178.7	-2.1%	49.2%
	2009	756,706	-1.8%	754,108	-4.0%	-0.3%	212.6	18.5%	40.6%	173.1	-3.1%	49.9%
	2010	794,526	5.0%	759,281	0.7%	-4.4%	222.6	4.7%	40.7%	172.6	-0.3%	52.5%
	2011	774,250	-2.6%	747,963	-1.5%	-3.4%	208.7	-6.2%	42.4%	172.2	-0.3%	51.3%
	2012	718,167	-7.2%	747,485	-0.1%	4.1%	171.1	-18.0%	47.9%	170.3	-1.1%	48.1%
	2013	716,333	-0.3%	733,952	-1.8%	2.5%	168.2	-1.7%	48.6%	157.9	-7.3%	51.8%
	2014	730,250	1.9%	732,930	-0.1%	0.4%	192.1	14.2%	43.4%	166.4	5.3%	50.1%
	2015	738,958	1.2%	733,390	0.1%	-0.8%	195.1	1.6%	43.2%	165.1	-0.8%	51.1%
	2016	757,330	2.5%	741,171	1.1%	-2.1%	171.8	-11.9%	50.3%	178.0	7.9%	48.6%
Projected	2017	744,368	-1.7%	744,368	0.4%		193.4	12.5%	43.9%	170.8	-4.1%	49.7%
	2018	759,103	2.0%	759,103	2.0%		197.2	2.0%	43.9%	174.2	2.0%	49.8%
	2019	772,894	1.8%	772,894	1.8%		200.7	1.8%	44.0%	177.3	1.8%	49.8%
	2020	786,221	1.7%	786,221	1.7%		204.1	1.7%	44.0%	180.3	1.7%	49.8%
	2021	797,832	1.5%	797,832	1.5%		207.0	1.4%	44.0%	182.9	1.4%	49.8%
	2022	808,336	1.3%	808,336	1.3%		209.7	1.3%	44.0%	185.2	1.3%	49.8%
	2023	818,306	1.2%	818,306	1.2%		212.3	1.2%	44.0%	187.5	1.2%	49.8%
	2024	827,987	1.2%	827,987	1.2%		214.8	1.2%	44.0%	189.7	1.2%	49.8%
	2025	837,064	1.1%	837,064	1.1%		217.1	1.1%	44.0%	191.7	1.1%	49.8%
	2026	845,606	1.0%	845,606	1.0%		219.3	1.0%	44.0%	193.6	1.0%	49.8%
	2027	853,742	1.0%	853,742	1.0%		221.4	1.0%	44.0%	195.5	1.0%	49.9%
	2028	861,798	0.9%	861,798	0.9%		223.4	0.9%	44.0%	197.3	0.9%	49.9%
	2029	869,818	0.9%	869,818	0.9%		225.5	0.9%	44.0%	199.2	0.9%	49.9%
	2030	877,777	0.9%	877,777	0.9%		227.6	0.9%	44.0%	201.0	0.9%	49.9%
	2031	885,697	0.9%	885,697	0.9%		229.6	0.9%	44.0%	202.8	0.9%	49.9%
	2032	893,821	0.9%	893,821	0.9%		231.7	0.9%	44.0%	204.7	0.9%	49.9%
	2033	901,994	0.9%	901,994	0.9%		233.8	0.9%	44.0%	206.5	0.9%	49.9%
	2034	910,170	0.9%	910,170	0.9%		236.0	0.9%	44.0%	208.4	0.9%	49.9%
	2035	918,218	0.9%	918,218	0.9%		238.0	0.9%	44.0%	210.2	0.9%	49.9%
	2036	926,198	0.9%	926,198	0.9%		240.1	0.9%	44.0%	212.0	0.9%	49.9%
CAGR ^[1]	2007-2016		-0.2%		-0.7%			0.0%	45.7%		-0.3%	50.1%
	2017-2026		1.4%		1.4%			1.4%	44.0%		1.4%	49.8%
	2027-2036		0.9%		0.9%			0.9%	44.0%		0.9%	49.9%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - High Economic Case
Jacksonville Beach
Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	172.6	161.8	127.1	129.3	133.4	159.9	174.1	182.5	159.7	145.1	105.0	128.9	172.6	182.5
	2008	179.5	148.1	109.9	123.8	149.9	157.2	170.8	178.7	160.2	132.8	137.3	142.5	179.5	178.7
	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	137.4	121.0	131.6	171.8	178.0
Projected	2017	180.3	193.4	112.3	118.3	144.1	159.0	170.8	164.9	153.0	131.9	123.4	134.2	193.4	170.8
	2018	183.9	197.2	114.6	120.7	146.9	162.2	174.2	168.2	156.0	134.5	125.6	136.6	197.2	174.2
	2019	187.2	200.7	116.6	122.8	149.6	165.1	177.3	171.2	158.8	136.9	127.7	138.9	200.7	177.3
	2020	190.3	204.1	118.6	124.9	152.1	167.9	180.3	174.1	161.5	139.2	129.5	140.9	204.1	180.3
	2021	193.1	207.0	120.3	126.7	154.2	170.3	182.9	176.6	163.8	141.2	131.2	142.7	207.0	182.9
	2022	195.6	209.7	121.8	128.3	156.2	172.5	185.2	178.9	165.9	143.0	132.8	144.5	209.7	185.2
	2023	197.9	212.3	123.3	129.9	158.2	174.6	187.5	181.0	167.9	144.7	134.3	146.2	212.3	187.5
	2024	200.3	214.8	124.8	131.4	160.0	176.6	189.7	183.1	169.9	146.4	135.8	147.7	214.8	189.7
	2025	202.4	217.1	126.1	132.8	161.7	178.5	191.7	185.1	171.7	148.0	137.2	149.2	217.1	191.7
Projected	2026	204.4	219.3	127.4	134.2	163.3	180.3	193.6	187.0	173.4	149.5	138.5	150.7	219.3	193.6
	2027	206.4	221.4	128.6	135.5	164.9	182.0	195.5	188.8	175.1	150.9	139.8	152.1	221.4	195.5
	2028	208.3	223.4	129.8	136.7	166.5	183.7	197.3	190.5	176.7	152.3	141.1	153.5	223.4	197.3
	2029	210.3	225.5	131.0	138.0	168.0	185.4	199.2	192.3	178.4	153.8	142.4	154.9	225.5	199.2
	2030	212.2	227.6	132.2	139.3	169.5	187.1	201.0	194.1	180.0	155.2	143.6	156.3	227.6	201.0
	2031	214.1	229.6	133.4	140.5	171.1	188.8	202.8	195.8	181.6	156.6	145.0	157.7	229.6	202.8
	2032	216.1	231.7	134.6	141.8	172.6	190.6	204.7	197.6	183.3	158.0	146.3	159.2	231.7	204.7
	2033	218.0	233.8	135.8	143.1	174.2	192.3	206.5	199.4	185.0	159.4	147.6	160.6	233.8	206.5
	2034	220.0	236.0	137.1	144.4	175.8	194.0	208.4	201.2	186.6	160.9	148.9	162.0	236.0	208.4
	2035	222.0	238.0	138.3	145.7	177.3	195.7	210.2	203.0	188.3	162.3	150.2	163.4	238.0	210.2
	2036	223.9	240.1	139.5	146.9	178.9	197.4	212.0	204.7	189.9	163.7	151.5	164.8	240.1	212.0

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	45.4%	49.5%	56.0%	56.1%	71.8%	62.3%	65.7%	66.6%	67.3%	63.5%	64.1%	59.1%	51.7%	48.9%
	2008	46.4%	50.2%	64.9%	58.2%	68.7%	64.8%	63.8%	59.0%	64.8%	60.4%	51.7%	53.1%	48.6%	48.8%
	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%
Projected	2016	47.5%	45.8%	59.0%	54.9%	70.4%	61.2%	67.7%	65.5%	65.4%	58.2%	57.5%	55.8%	50.4%	48.6%
	2017	46.9%	40.0%	59.2%	58.0%	64.4%	61.2%	64.8%	64.8%	64.2%	61.3%	57.7%	56.0%	44.1%	50.0%
	2018	47.0%	40.0%	59.3%	58.1%	64.5%	61.2%	64.8%	64.8%	64.2%	61.2%	57.8%	56.0%	44.1%	50.0%
	2019	47.0%	40.0%	59.3%	58.1%	64.5%	61.2%	64.8%	64.8%	64.2%	61.2%	57.8%	56.0%	44.1%	50.0%
	2020	47.1%	38.7%	59.3%	58.1%	64.5%	61.2%	64.8%	64.8%	64.2%	61.2%	57.9%	56.1%	44.1%	50.0%
	2021	47.1%	40.1%	59.3%	58.1%	64.5%	61.2%	64.8%	64.8%	64.1%	61.2%	57.9%	56.1%	44.1%	50.0%
	2022	47.1%	40.1%	59.3%	58.1%	64.5%	61.2%	64.8%	64.8%	64.1%	61.1%	58.0%	56.1%	44.1%	50.0%
	2023	47.2%	40.1%	59.4%	58.1%	64.5%	61.2%	64.8%	64.8%	64.1%	61.1%	58.0%	56.1%	44.1%	50.0%
	2024	47.2%	38.7%	59.4%	58.1%	64.5%	61.2%	64.8%	64.8%	64.1%	61.1%	58.0%	56.2%	44.1%	50.0%
Avg.	2007-2016	47.0%	46.4%	58.0%	58.5%	68.0%	61.1%	66.4%	64.7%	64.1%	60.0%	56.9%	59.0%	45.7%	50.1%
	2017-2026	47.1%	39.8%	59.3%	58.1%	64.5%	61.2%	64.8%	64.8%	64.1%	61.2%	57.9%	56.1%	44.1%	50.0%

FMPA 2017 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)				
		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	2007	774,574	-	786,523	-	1.5%	141.1	-	190.2	-	34.8%	182.5	-	176.7	-	-3.2%
	2008	770,389	-0.5%	785,773	-0.1%	2.0%	177.3	25.7%	191.9	0.8%	8.2%	177.6	-2.7%	176.6	-0.1%	-0.5%
	2009	756,706	-1.8%	754,108	-4.0%	-0.3%	202.3	14.1%	192.1	0.1%	-5.0%	166.0	-6.5%	176.6	0.0%	6.4%
	2010	794,526	5.0%	759,281	0.7%	-4.4%	222.6	10.0%	178.9	-6.9%	-19.6%	164.2	-1.1%	158.5	-10.2%	-3.5%
	2011	774,250	-2.6%	747,963	-1.5%	-3.4%	208.7	-6.2%	210.2	17.5%	0.7%	163.4	-0.5%	146.0	-7.9%	-10.6%
	2012	718,167	-7.2%	747,485	-0.1%	4.1%	171.1	-18.0%	177.8	-15.4%	3.9%	153.1	-6.3%	157.0	7.5%	2.6%
	2013	716,333	-0.3%	733,952	-1.8%	2.5%	161.5	-5.6%	173.1	-2.7%	7.2%	149.9	-2.1%	155.6	-0.9%	3.8%
	2014	730,250	1.9%	732,930	-0.1%	0.4%	166.4	3.1%	184.9	6.8%	11.1%	158.1	5.5%	163.5	5.1%	3.5%
	2015	738,958	1.2%	733,390	0.1%	-0.8%	195.1	17.3%	187.2	1.2%	-4.1%	151.0	-4.5%	177.4	8.5%	17.5%
	2016	757,330	2.5%	741,171	1.1%	-2.1%	164.0	-16.0%	185.3	-1.0%	13.0%	173.5	14.9%	162.0	-8.7%	-6.6%
Projected	2017	710,958	-6.1%	710,958	-4.1%		167.7	2.3%	167.7	-9.5%		153.3	-11.7%	153.3	-5.4%	
	2018			715,808	0.7%				169.5	1.0%				154.9	1.0%	
	2019			722,565	0.9%				171.0	0.9%				156.3	0.9%	
	2020			728,876	0.9%				172.5	0.9%				157.6	0.9%	
	2021			734,855	0.8%				173.9	0.8%				158.9	0.8%	
	2022			740,714	0.8%				175.3	0.8%				160.2	0.8%	
	2023			746,514	0.8%				176.7	0.8%				161.4	0.8%	
	2024			752,329	0.8%				178.0	0.8%				162.7	0.8%	
	2025			757,837	0.7%				179.3	0.7%				163.9	0.7%	
	2026			763,007	0.7%				180.5	0.7%				165.0	0.7%	
	2027			767,930	0.6%				181.7	0.6%				166.0	0.6%	
	2028			772,861	0.6%				182.8	0.6%				167.1	0.6%	
	2029			777,887	0.7%				184.0	0.7%				168.2	0.7%	
	2030			782,936	0.6%				185.2	0.6%				169.3	0.6%	
	2031			788,038	0.7%				186.4	0.7%				170.4	0.7%	
	2032			793,387	0.7%				187.7	0.7%				171.5	0.7%	
	2033			798,774	0.7%				189.0	0.7%				172.7	0.7%	
	2034			804,269	0.7%				190.3	0.7%				173.9	0.7%	
	2035			809,707	0.7%				191.6	0.7%				175.1	0.7%	
	2036			815,102	0.7%				192.8	0.7%				176.2	0.7%	
CAGR ^[3]	2007-2016		-0.2%		-0.7%			1.7%		-0.3%			-0.6%		-1.0%	
	2017-2026				0.8%					0.8%					0.8%	
	2027-2036				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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	774,574	-	786,523	-	1.5%	172.6	-	51.2%	182.5	-	48.5%
	2008	770,389	-0.5%	785,773	-0.1%	2.0%	179.5	4.0%	49.0%	178.7	-2.1%	49.2%
	2009	756,706	-1.8%	754,108	-4.0%	-0.3%	212.6	18.5%	40.6%	173.1	-3.1%	49.9%
	2010	794,526	5.0%	759,281	0.7%	-4.4%	222.6	4.7%	40.7%	172.6	-0.3%	52.5%
	2011	774,250	-2.6%	747,963	-1.5%	-3.4%	208.7	-6.2%	42.4%	172.2	-0.3%	51.3%
	2012	718,167	-7.2%	747,485	-0.1%	4.1%	171.1	-18.0%	47.9%	170.3	-1.1%	48.1%
	2013	716,333	-0.3%	733,952	-1.8%	2.5%	168.2	-1.7%	48.6%	157.9	-7.3%	51.8%
	2014	730,250	1.9%	732,930	-0.1%	0.4%	192.1	14.2%	43.4%	166.4	5.3%	50.1%
	2015	738,958	1.2%	733,390	0.1%	-0.8%	195.1	1.6%	43.2%	165.1	-0.8%	51.1%
	2016	757,330	2.5%	741,171	1.1%	-2.1%	171.8	-11.9%	50.3%	178.0	7.9%	48.6%
Projected	2017	710,958	-6.1%	710,958	-4.1%		183.7	6.9%	44.2%	162.3	-8.9%	50.0%
	2018	715,808	0.7%	715,808	0.7%		185.6	1.0%	44.0%	163.9	1.0%	49.8%
	2019	722,565	0.9%	722,565	0.9%		187.4	0.9%	44.0%	165.5	0.9%	49.8%
	2020	728,876	0.9%	728,876	0.9%		189.0	0.9%	44.0%	166.9	0.9%	49.9%
	2021	734,855	0.8%	734,855	0.8%		190.5	0.8%	44.0%	168.2	0.8%	49.9%
	2022	740,714	0.8%	740,714	0.8%		192.0	0.8%	44.0%	169.6	0.8%	49.9%
	2023	746,514	0.8%	746,514	0.8%		193.5	0.8%	44.0%	170.9	0.8%	49.9%
	2024	752,329	0.8%	752,329	0.8%		195.0	0.8%	44.0%	172.2	0.8%	49.9%
	2025	757,837	0.7%	757,837	0.7%		196.4	0.7%	44.0%	173.5	0.7%	49.9%
	2026	763,007	0.7%	763,007	0.7%		197.7	0.7%	44.1%	174.6	0.7%	49.9%
	2027	767,930	0.6%	767,930	0.6%		199.0	0.6%	44.1%	175.8	0.6%	49.9%
	2028	772,861	0.6%	772,861	0.6%		200.3	0.6%	44.1%	176.9	0.6%	49.9%
	2029	777,887	0.7%	777,887	0.7%		201.6	0.7%	44.1%	178.0	0.7%	49.9%
	2030	782,936	0.6%	782,936	0.6%		202.9	0.6%	44.1%	179.2	0.6%	49.9%
	2031	788,038	0.7%	788,038	0.7%		204.2	0.7%	44.0%	180.4	0.7%	49.9%
	2032	793,387	0.7%	793,387	0.7%		205.6	0.7%	44.0%	181.6	0.7%	49.9%
	2033	798,774	0.7%	798,774	0.7%		207.0	0.7%	44.0%	182.8	0.7%	49.9%
	2034	804,269	0.7%	804,269	0.7%		208.4	0.7%	44.0%	184.1	0.7%	49.9%
	2035	809,707	0.7%	809,707	0.7%		209.8	0.7%	44.0%	185.3	0.7%	49.9%
	2036	815,102	0.7%	815,102	0.7%		211.2	0.7%	44.0%	186.6	0.7%	49.9%
CAGR ^[1]	2007-2016		-0.2%		-0.7%			0.0%	45.7%		-0.3%	50.1%
	2017-2026		0.8%		0.8%			0.8%	44.0%		0.8%	49.9%
	2027-2036		0.7%		0.7%			0.7%	44.0%		0.7%	49.9%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Mild Weather Case
Jacksonville Beach
Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	172.6	161.8	127.1	129.3	133.4	159.9	174.1	182.5	159.7	145.1	105.0	128.9	172.6	182.5
	2008	179.5	148.1	109.9	123.8	149.9	157.2	170.8	178.7	160.2	132.8	137.3	142.5	179.5	178.7
	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	137.4	114.9	125.1	171.8	178.0
Projected	2017	171.3	183.7	106.7	112.4	136.9	151.1	162.3	156.7	145.3	125.3	116.1	126.3	183.7	162.3
	2018	173.1	185.6	107.8	113.6	138.3	152.6	163.9	158.3	146.8	126.6	117.2	127.5	185.6	163.9
	2019	174.7	187.4	108.8	114.6	139.6	154.1	165.5	159.8	148.2	127.7	118.2	128.6	187.4	165.5
	2020	176.2	189.0	109.8	115.6	140.8	155.4	166.9	161.1	149.5	128.8	119.2	129.7	189.0	166.9
	2021	177.6	190.5	110.7	116.6	141.9	156.6	168.2	162.5	150.7	129.9	120.1	130.7	190.5	168.2
	2022	179.0	192.0	111.5	117.5	143.0	157.9	169.6	163.7	151.9	130.9	121.1	131.7	192.0	169.6
	2023	180.4	193.5	112.4	118.4	144.2	159.1	170.9	165.0	153.1	131.9	122.0	132.7	193.5	170.9
	2024	181.8	195.0	113.3	119.3	145.3	160.4	172.2	166.3	154.2	133.0	122.9	133.7	195.0	172.2
	2025	183.1	196.4	114.1	120.2	146.3	161.5	173.5	167.5	155.4	133.9	123.7	134.6	196.4	173.5
Projected	2026	184.4	197.7	114.9	121.0	147.3	162.6	174.6	168.6	156.4	134.8	124.5	135.4	197.7	174.6
	2027	185.6	199.0	115.6	121.8	148.2	163.6	175.8	169.7	157.4	135.7	125.3	136.3	199.0	175.8
	2028	186.8	200.3	116.3	122.6	149.2	164.7	176.9	170.8	158.4	136.6	126.1	137.2	200.3	176.9
	2029	188.0	201.6	117.1	123.4	150.2	165.8	178.0	171.9	159.5	137.4	126.9	138.1	201.6	178.0
	2030	189.2	202.9	117.9	124.2	151.1	166.8	179.2	173.0	160.5	138.3	127.8	139.0	202.9	179.2
	2031	190.4	204.2	118.6	125.0	152.1	167.9	180.4	174.2	161.5	139.2	128.6	139.9	204.2	180.4
	2032	191.7	205.6	119.4	125.8	153.2	169.1	181.6	175.3	162.6	140.2	129.5	140.9	205.6	181.6
	2033	193.0	207.0	120.3	126.7	154.2	170.2	182.8	176.5	163.7	141.1	130.4	141.9	207.0	182.8
	2034	194.4	208.4	121.1	127.5	155.3	171.4	184.1	177.8	164.9	142.1	131.3	142.8	208.4	184.1
Projected	2035	195.7	209.8	121.9	128.4	156.3	172.5	185.3	178.9	166.0	143.1	132.1	143.8	209.8	185.3
	2036	197.0	211.2	122.7	129.3	157.4	173.7	186.6	180.1	167.1	144.0	133.0	144.7	211.2	186.6

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	45.4%	49.5%	56.0%	56.1%	71.8%	62.3%	65.7%	66.6%	67.3%	63.5%	64.1%	59.1%	51.7%	48.9%
	2008	46.4%	50.2%	64.9%	58.2%	68.7%	64.8%	63.8%	59.0%	64.8%	60.4%	51.7%	53.1%	48.6%	48.8%
	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%
Projected	2016	47.5%	45.8%	59.0%	54.9%	70.4%	61.2%	67.7%	65.5%	65.4%	58.2%	60.5%	58.0%	50.3%	48.6%
	2017	44.3%	36.8%	57.5%	60.9%	67.6%	63.5%	64.2%	63.6%	63.2%	61.3%	60.8%	58.1%	44.1%	50.0%
	2018	44.4%	36.9%	57.6%	60.9%	67.6%	63.5%	64.2%	63.6%	63.2%	61.3%	60.8%	58.1%	44.1%	50.0%
	2019	44.4%	36.9%	57.6%	60.9%	67.6%	63.5%	64.2%	63.6%	63.2%	61.3%	60.8%	58.2%	44.1%	50.0%
	2020	44.4%	35.6%	57.6%	60.9%	67.6%	63.5%	64.2%	63.6%	63.2%	61.3%	60.9%	58.2%	44.1%	50.0%
	2021	44.4%	36.9%	57.6%	60.9%	67.6%	63.5%	64.2%	63.6%	63.2%	61.3%	60.9%	58.2%	44.1%	50.0%
	2022	44.4%	36.9%	57.6%	60.9%	67.6%	63.5%	64.2%	63.6%	63.2%	61.3%	60.9%	58.2%	44.1%	50.0%
	2023	44.4%	36.9%	57.6%	60.9%	67.6%	63.5%	64.2%	63.6%	63.2%	61.3%	60.9%	58.2%	44.1%	50.0%
	2024	44.4%	35.6%	57.6%	60.9%	67.6%	63.5%	64.2%	63.6%	63.2%	61.3%	60.9%	58.2%	44.1%	50.0%
Avg.	2007-2016	47.0%	46.4%	58.0%	58.5%	68.0%	61.1%	66.4%	64.7%	64.1%	60.0%	57.2%	59.2%	45.7%	50.1%
	2017-2026	44.4%	36.6%	57.6%	60.9%	67.6%	63.5%	64.2%	63.6%	63.2%	61.3%	60.9%	58.2%	44.1%	50.0%

FMPA 2017 Load Forecast - Mild Weather Case
Jacksonville Beach
Monthly Coincident-Peak Demand with ARP (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	172.6	141.1	97.3	113.8	130.7	147.7	163.8	182.5	155.6	134.4	102.7	98.0	141.1	182.5
	2008	177.3	145.9	101.9	106.8	141.2	157.2	170.8	177.6	153.1	131.7	96.3	142.5	177.3	177.6
	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	129.7	104.7	118.7	164.0	173.5
Projected	2017	167.7	181.1	101.5	103.6	131.5	143.1	157.0	153.3	137.0	118.2	105.8	120.0	167.7	153.3
	2018	169.5	183.0	102.5	104.6	132.9	144.5	158.6	154.9	138.4	119.4	106.7	121.1	169.5	154.9
	2019	171.0	184.7	103.5	105.6	134.1	145.9	160.0	156.3	139.7	120.5	107.6	122.1	171.0	156.3
	2020	172.5	186.3	104.4	106.5	135.3	147.1	161.4	157.6	140.9	121.5	108.5	123.1	172.5	157.6
	2021	173.9	187.8	105.2	107.4	136.4	148.3	162.7	158.9	142.1	122.5	109.4	124.1	173.9	158.9
	2022	175.3	189.3	106.1	108.2	137.5	149.5	164.0	160.2	143.2	123.5	110.2	125.1	175.3	160.2
	2023	176.7	190.7	106.9	109.1	138.5	150.7	165.3	161.4	144.3	124.5	111.1	126.0	176.7	161.4
	2024	178.0	192.2	107.7	109.9	139.6	151.8	166.6	162.7	145.4	125.4	111.9	126.9	178.0	162.7
	2025	179.3	193.6	108.5	110.7	140.6	152.9	167.8	163.9	146.5	126.3	112.6	127.8	179.3	163.9
Projected	2026	180.5	194.9	109.2	111.5	141.6	153.9	168.9	165.0	147.5	127.2	113.4	128.6	180.5	165.0
	2027	181.7	196.1	109.9	112.2	142.5	154.9	170.0	166.0	148.4	128.0	114.1	129.4	181.7	166.0
	2028	182.8	197.4	110.6	112.9	143.4	155.9	171.1	167.1	149.4	128.8	114.8	130.3	182.8	167.1
	2029	184.0	198.7	111.4	113.6	144.3	156.9	172.2	168.2	150.3	129.7	115.6	131.1	184.0	168.2
	2030	185.2	200.0	112.1	114.4	145.3	158.0	173.3	169.3	151.3	130.5	116.3	132.0	185.2	169.3
	2031	186.4	201.3	112.8	115.1	146.2	159.0	174.5	170.4	152.3	131.4	117.1	132.9	186.4	170.4
	2032	187.7	202.7	113.6	115.9	147.2	160.1	175.6	171.5	153.3	132.3	117.9	133.8	187.7	171.5
	2033	189.0	204.0	114.4	116.7	148.2	161.2	176.8	172.7	154.4	133.2	118.7	134.7	189.0	172.7
	2034	190.3	205.4	115.1	117.5	149.2	162.3	178.1	173.9	155.4	134.1	119.5	135.6	190.3	173.9
Projected	2035	191.6	206.8	115.9	118.3	150.2	163.4	179.2	175.1	156.5	135.0	120.3	136.5	191.6	175.1
	2036	192.8	208.2	116.7	119.1	151.2	164.5	180.4	176.2	157.5	135.9	121.1	137.4	192.8	176.2

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	100.0%	87.2%	76.6%	88.0%	98.0%	92.4%	94.1%	100.0%	97.4%	92.6%	97.8%	76.0%	81.7%	100.0%
	2008	98.8%	98.5%	92.7%	86.2%	94.2%	100.0%	100.0%	99.4%	95.5%	99.2%	70.2%	100.0%	98.8%	99.4%
	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%	94.3%	91.1%	94.9%	95.4%	97.5%
Projected	2017	97.9%	98.6%	95.1%	92.1%	96.1%	94.7%	96.7%	97.8%	94.3%	94.3%	91.1%	94.9%	91.3%	94.5%
	2018	97.9%	98.6%	95.1%	92.1%	96.1%	94.7%	96.7%	97.8%	94.3%	94.3%	91.1%	94.9%	91.3%	94.5%
	2019	97.9%	98.6%	95.1%	92.1%	96.1%	94.7%	96.7%	97.8%	94.3%	94.3%	91.1%	94.9%	91.3%	94.5%
	2020	97.9%	98.6%	95.1%	92.1%	96.1%	94.7%	96.7%	97.8%	94.3%	94.3%	91.1%	94.9%	91.3%	94.5%
	2021	97.9%	98.6%	95.1%	92.1%	96.1%	94.7%	96.7%	97.8%	94.3%	94.3%	91.1%	94.9%	91.3%	94.5%
	2022	97.9%	98.6%	95.1%	92.1%	96.1%	94.7%	96.7%	97.8%	94.3%	94.3%	91.1%	94.9%	91.3%	94.5%
	2023	97.9%	98.6%	95.1%	92.1%	96.1%	94.7%	96.7%	97.8%	94.3%	94.3%	91.1%	94.9%	91.3%	94.5%
	2024	97.9%	98.6%	95.1%	92.1%	96.1%	94.7%	96.7%	97.8%	94.3%	94.3%	91.1%	94.9%	91.3%	94.5%
	2025	97.9%	98.6%	95.1%	92.1%	96.1%	94.7%	96.7%	97.8%	94.3%	94.3%	91.1%	94.9%	91.3%	94.5%
Projected	2026	97.9%	98.6%	95.1%	92.1%	96.1%	94.7%	96.7%	97.8%	94.3%	94.3%	91.1%	94.9%	91.3%	94.5%
	2007-2016	97.9%	97.5%	94.7%	92.9%	95.5%	94.1%	96.3%	97.5%	93.6%	96.3%	87.7%	93.4%	95.4%	95.4%
	2017-2026	97.9%	98.6%	95.1%	92.1%	96.1%	94.7%	96.7%	97.8%	94.3%	94.3%	91.1%	94.9%	91.3%	94.5%

FMPA 2017 Load Forecast - Severe 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)
Historical	2007	774,574	-	786,523	-	1.5%	141.1	-	190.2	-	34.8%	182.5	-	176.7		-3.2%
	2008	770,389	-0.5%	785,773	-0.1%	2.0%	177.3	25.7%	191.9	0.8%	8.2%	177.6	-2.7%	176.6	-0.1%	-0.5%
	2009	756,706	-1.8%	754,108	-4.0%	-0.3%	202.3	14.1%	192.1	0.1%	-5.0%	166.0	-6.5%	176.6	0.0%	6.4%
	2010	794,526	5.0%	759,281	0.7%	-4.4%	222.6	10.0%	178.9	-6.9%	-19.6%	164.2	-1.1%	158.5	-10.2%	-3.5%
	2011	774,250	-2.6%	747,963	-1.5%	-3.4%	208.7	-6.2%	210.2	17.5%	0.7%	163.4	-0.5%	146.0	-7.9%	-10.6%
	2012	718,167	-7.2%	747,485	-0.1%	4.1%	171.1	-18.0%	177.8	-15.4%	3.9%	153.1	-6.3%	157.0	7.5%	2.6%
	2013	716,333	-0.3%	733,952	-1.8%	2.5%	161.5	-5.6%	173.1	-2.7%	7.2%	149.9	-2.1%	155.6	-0.9%	3.8%
	2014	730,250	1.9%	732,930	-0.1%	0.4%	166.4	3.1%	184.9	6.8%	11.1%	158.1	5.5%	163.5	5.1%	3.5%
	2015	738,958	1.2%	733,390	0.1%	-0.8%	195.1	17.3%	187.2	1.2%	-4.1%	151.0	-4.5%	177.4	8.5%	17.5%
	2016	757,330	2.5%	741,171	1.1%	-2.1%	164.0	-16.0%	185.3	-1.0%	13.0%	173.5	14.9%	162.0	-8.7%	-6.6%
Projected	2017	776,785	2.6%	776,785	4.8%		184.4	12.5%	184.4	-0.5%		168.6	-2.9%	168.6	4.0%	
	2018			787,345	1.4%				186.3	1.0%				170.3	1.0%	
	2019			794,752	0.9%				188.1	0.9%				171.9	0.9%	
	2020			801,679	0.9%				189.7	0.9%				173.3	0.9%	
	2021			808,247	0.8%				191.2	0.8%				174.7	0.8%	
	2022			814,668	0.8%				192.7	0.8%				176.1	0.8%	
	2023			821,029	0.8%				194.2	0.8%				177.5	0.8%	
	2024			827,416	0.8%				195.7	0.8%				178.9	0.8%	
	2025			833,470	0.7%				197.1	0.7%				180.2	0.7%	
	2026			839,151	0.7%				198.5	0.7%				181.4	0.7%	
	2027			844,561	0.6%				199.7	0.6%				182.5	0.6%	
	2028			849,984	0.6%				201.0	0.6%				183.7	0.6%	
	2029			855,515	0.7%				202.3	0.7%				184.9	0.7%	
	2030			861,070	0.6%				203.6	0.6%				186.1	0.6%	
	2031			866,686	0.7%				205.0	0.7%				187.3	0.7%	
	2032			872,566	0.7%				206.4	0.7%				188.6	0.7%	
	2033			878,493	0.7%				207.8	0.7%				189.9	0.7%	
	2034			884,546	0.7%				209.2	0.7%				191.2	0.7%	
2035			890,536	0.7%				210.6	0.7%				192.5	0.7%		
2036			896,477	0.7%				212.0	0.7%				193.8	0.7%		
CAGR ^[3]	2007-2016		-0.2%		-0.7%			1.7%		-0.3%			-0.6%		-1.0%	
	2017-2026				0.9%					0.8%					0.8%	
	2027-2036				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

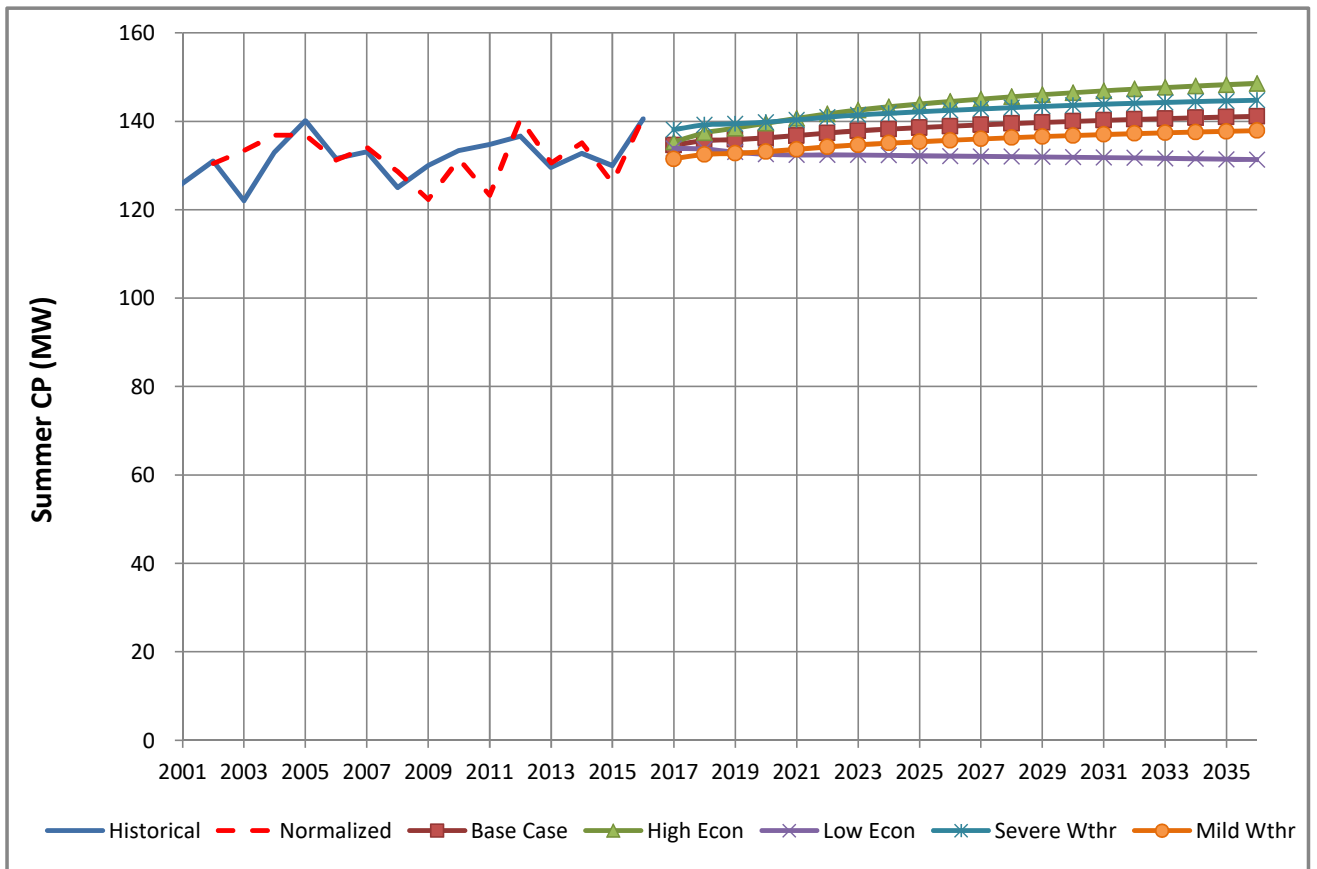
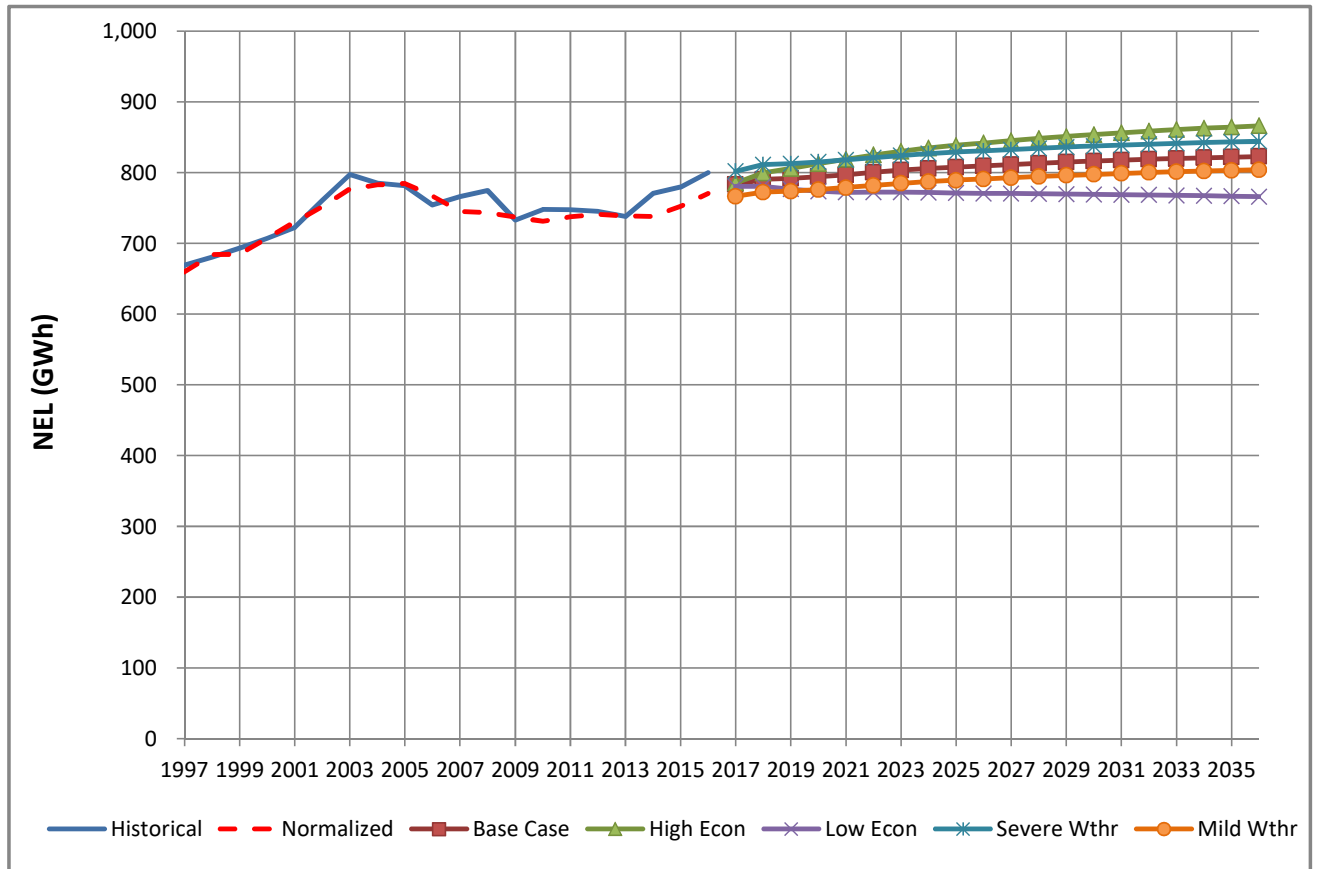
FMPA 2017 Load Forecast - Severe Weather Case
Jacksonville Beach
Historical and Projected Net Energy for Load and Non-Coincident Peak Demand

		Net Energy for Load (FY)					Non-Coincident Peak Demand					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	774,574	-	786,523	-	1.5%	172.6	-	51.2%	182.5	-	48.5%
	2008	770,389	-0.5%	785,773	-0.1%	2.0%	179.5	4.0%	49.0%	178.7	-2.1%	49.2%
	2009	756,706	-1.8%	754,108	-4.0%	-0.3%	212.6	18.5%	40.6%	173.1	-3.1%	49.9%
	2010	794,526	5.0%	759,281	0.7%	-4.4%	222.6	4.7%	40.7%	172.6	-0.3%	52.5%
	2011	774,250	-2.6%	747,963	-1.5%	-3.4%	208.7	-6.2%	42.4%	172.2	-0.3%	51.3%
	2012	718,167	-7.2%	747,485	-0.1%	4.1%	171.1	-18.0%	47.9%	170.3	-1.1%	48.1%
	2013	716,333	-0.3%	733,952	-1.8%	2.5%	168.2	-1.7%	48.6%	157.9	-7.3%	51.8%
	2014	730,250	1.9%	732,930	-0.1%	0.4%	192.1	14.2%	43.4%	166.4	5.3%	50.1%
	2015	738,958	1.2%	733,390	0.1%	-0.8%	195.1	1.6%	43.2%	165.1	-0.8%	51.1%
	2016	757,330	2.5%	741,171	1.1%	-2.1%	171.8	-11.9%	50.3%	178.0	7.9%	48.6%
Projected	2017	776,785	2.6%	776,785	4.8%		202.0	17.6%	43.9%	178.5	0.2%	49.7%
	2018	787,345	1.4%	787,345	1.4%		204.1	1.0%	44.0%	180.3	1.0%	49.9%
	2019	794,752	0.9%	794,752	0.9%		206.0	0.9%	44.0%	181.9	0.9%	49.9%
	2020	801,679	0.9%	801,679	0.9%		207.8	0.9%	44.0%	183.5	0.9%	49.9%
	2021	808,247	0.8%	808,247	0.8%		209.5	0.8%	44.1%	185.0	0.8%	49.9%
	2022	814,668	0.8%	814,668	0.8%		211.1	0.8%	44.1%	186.5	0.8%	49.9%
	2023	821,029	0.8%	821,029	0.8%		212.8	0.8%	44.1%	187.9	0.8%	49.9%
	2024	827,416	0.8%	827,416	0.8%		214.4	0.8%	44.1%	189.4	0.8%	49.9%
	2025	833,470	0.7%	833,470	0.7%		215.9	0.7%	44.1%	190.7	0.7%	49.9%
	2026	839,151	0.7%	839,151	0.7%		217.4	0.7%	44.1%	192.0	0.7%	49.9%
	2027	844,561	0.6%	844,561	0.6%		218.8	0.6%	44.1%	193.2	0.6%	49.9%
	2028	849,984	0.6%	849,984	0.6%		220.2	0.6%	44.1%	194.5	0.6%	49.9%
	2029	855,515	0.7%	855,515	0.7%		221.6	0.7%	44.1%	195.8	0.7%	49.9%
	2030	861,070	0.6%	861,070	0.6%		223.1	0.6%	44.1%	197.0	0.6%	49.9%
	2031	866,686	0.7%	866,686	0.7%		224.5	0.7%	44.1%	198.3	0.7%	49.9%
	2032	872,566	0.7%	872,566	0.7%		226.1	0.7%	44.1%	199.7	0.7%	49.9%
	2033	878,493	0.7%	878,493	0.7%		227.6	0.7%	44.1%	201.0	0.7%	49.9%
	2034	884,546	0.7%	884,546	0.7%		229.2	0.7%	44.1%	202.4	0.7%	49.9%
	2035	890,536	0.7%	890,536	0.7%		230.7	0.7%	44.1%	203.8	0.7%	49.9%
	2036	896,477	0.7%	896,477	0.7%		232.2	0.7%	44.1%	205.1	0.7%	49.9%
CAGR ^[1]	2007-2016		-0.2%		-0.7%			0.0%	45.7%		-0.3%	50.1%
	2017-2026		0.9%		0.9%			0.8%	44.0%		0.8%	49.9%
	2027-2036		0.7%		0.7%			0.7%	44.1%		0.7%	49.9%

[1] CAGR - Compound Annual Growth Rate

Keys

FMPA 2017 Load Forecast **Key West** Historical and Projected NEL and Annual Coincident Peak Demand



FMPA 2017 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)				
		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	2007	766,179	-	741,690	-	-3.2%	79.4	-	77.0	-	-3.0%	133.1	-	134.1		0.8%
	2008	774,530	1.1%	739,915	-0.2%	-4.5%	94.1	18.6%	89.9	16.7%	-4.5%	125.0	-6.1%	128.6	-4.1%	2.9%
	2009	732,928	-5.4%	733,273	-0.9%	0.0%	91.9	-2.3%	78.4	-12.8%	-14.7%	130.0	4.0%	122.3	-4.9%	-5.9%
	2010	747,958	2.1%	726,812	-0.9%	-2.8%	116.0	26.2%	100.4	28.0%	-13.5%	133.4	2.6%	131.4	7.5%	-1.5%
	2011	747,355	-0.1%	732,406	0.8%	-2.0%	76.9	-33.7%	90.3	-10.0%	17.4%	134.8	1.1%	134.4	2.3%	-0.3%
	2012	745,122	-0.3%	738,685	0.9%	-0.9%	80.6	4.7%	78.8	-12.8%	-2.2%	136.7	1.4%	140.5	4.6%	2.8%
	2013	738,003	-1.0%	739,015	0.0%	0.1%	70.6	-12.3%	81.3	3.2%	15.2%	129.6	-5.2%	130.6	-7.1%	0.8%
	2014	770,420	4.4%	738,241	-0.1%	-4.2%	75.0	6.2%	80.7	-0.7%	7.7%	132.7	2.4%	135.1	3.5%	1.8%
	2015	779,772	1.2%	752,343	1.9%	-3.5%	89.9	19.9%	83.8	3.8%	-6.8%	130.0	-2.1%	126.2	-6.6%	-2.9%
	2016	800,141	2.6%	770,431	2.4%	-3.7%	72.5	-19.4%	85.5	2.1%	18.0%	140.6	8.1%	140.8	11.6%	0.2%
Projected	2017	780,537	-2.5%	780,537	1.3%		73.0	0.8%	73.0	-14.6%		133.9	-4.8%	133.9	-4.9%	
	2018			780,767	0.0%				73.0	-0.1%				133.7	-0.1%	
	2019			776,677	-0.5%				72.6	-0.5%				133.0	-0.5%	
	2020			773,690	-0.4%				72.3	-0.4%				132.5	-0.4%	
	2021			772,158	-0.2%				72.2	-0.1%				132.4	-0.1%	
	2022			772,265	0.0%				72.2	0.0%				132.4	0.0%	
	2023			772,250	0.0%				72.2	0.0%				132.4	0.0%	
	2024			771,855	-0.1%				72.2	-0.1%				132.3	-0.1%	
	2025			771,270	-0.1%				72.1	-0.1%				132.2	-0.1%	
	2026			770,741	-0.1%				72.1	-0.1%				132.1	-0.1%	
	2027			770,430	0.0%				72.1	0.0%				132.1	0.0%	
	2028			770,144	0.0%				72.0	0.0%				132.0	0.0%	
	2029			769,806	0.0%				72.0	0.0%				132.0	0.0%	
	2030			769,353	-0.1%				72.0	-0.1%				131.9	-0.1%	
	2031			768,903	-0.1%				71.9	-0.1%				131.8	-0.1%	
	2032			768,542	0.0%				71.9	-0.1%				131.7	-0.1%	
	2033			767,975	-0.1%				71.8	-0.1%				131.6	-0.1%	
	2034			767,355	-0.1%				71.8	-0.1%				131.5	-0.1%	
	2035			766,699	-0.1%				71.7	-0.1%				131.4	-0.1%	
	2036			766,153	-0.1%				71.7	-0.1%				131.3	-0.1%	
CAGR ^[3]	2007-2016		0.5%		0.4%			-1.0%		1.2%			0.6%		0.5%	
	2017-2026				-0.1%					-0.1%					-0.1%	
	2027-2036				-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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	766,179	-	741,690	-	-3.2%	118.0	-	74.1%	141.6	-	61.8%
	2008	774,530	1.1%	739,915	-0.2%	-4.5%	116.0	-1.7%	76.2%	136.4	-3.7%	64.8%
	2009	732,928	-5.4%	733,273	-0.9%	0.0%	107.9	-7.0%	77.5%	135.0	-1.0%	62.0%
	2010	747,958	2.1%	726,812	-0.9%	-2.8%	126.3	17.0%	67.6%	136.3	0.9%	62.7%
	2011	747,355	-0.1%	732,406	0.8%	-2.0%	116.7	-7.6%	73.1%	139.7	2.5%	61.1%
	2012	745,122	-0.3%	738,685	0.9%	-0.9%	111.9	-4.1%	76.0%	137.0	-1.9%	62.1%
	2013	738,003	-1.0%	739,015	0.0%	0.1%	115.9	3.6%	72.7%	136.1	-0.7%	61.9%
	2014	770,420	4.4%	738,241	-0.1%	-4.2%	115.1	-0.7%	76.4%	144.2	6.0%	61.0%
	2015	779,772	1.2%	752,343	1.9%	-3.5%	124.0	7.7%	71.8%	146.7	1.8%	60.7%
	2016	800,141	2.6%	770,431	2.4%	-3.7%	128.5	3.6%	71.1%	147.2	0.3%	62.1%
Projected	2017	780,537	-2.5%	780,537	1.3%		120.6	-6.1%	73.9%	143.8	-2.3%	62.0%
	2018	780,767	0.0%	780,767	0.0%		120.5	-0.1%	74.0%	143.7	-0.1%	62.0%
	2019	776,677	-0.5%	776,677	-0.5%		119.8	-0.5%	74.0%	142.9	-0.5%	62.0%
	2020	773,690	-0.4%	773,690	-0.4%		119.4	-0.4%	74.0%	142.4	-0.4%	62.0%
	2021	772,158	-0.2%	772,158	-0.2%		119.2	-0.1%	73.9%	142.2	-0.1%	62.0%
	2022	772,265	0.0%	772,265	0.0%		119.3	0.0%	73.9%	142.3	0.0%	62.0%
	2023	772,250	0.0%	772,250	0.0%		119.3	0.0%	73.9%	142.2	0.0%	62.0%
	2024	771,855	-0.1%	771,855	-0.1%		119.2	-0.1%	73.9%	142.2	-0.1%	62.0%
	2025	771,270	-0.1%	771,270	-0.1%		119.1	-0.1%	73.9%	142.0	-0.1%	62.0%
	2026	770,741	-0.1%	770,741	-0.1%		119.0	-0.1%	73.9%	142.0	-0.1%	62.0%
	2027	770,430	0.0%	770,430	0.0%		119.0	0.0%	73.9%	141.9	0.0%	62.0%
	2028	770,144	0.0%	770,144	0.0%		118.9	0.0%	73.9%	141.8	0.0%	62.0%
	2029	769,806	0.0%	769,806	0.0%		118.9	0.0%	73.9%	141.8	0.0%	62.0%
	2030	769,353	-0.1%	769,353	-0.1%		118.8	-0.1%	73.9%	141.7	-0.1%	62.0%
	2031	768,903	-0.1%	768,903	-0.1%		118.7	-0.1%	73.9%	141.6	-0.1%	62.0%
	2032	768,542	0.0%	768,542	0.0%		118.7	-0.1%	73.9%	141.5	-0.1%	62.0%
	2033	767,975	-0.1%	767,975	-0.1%		118.6	-0.1%	73.9%	141.4	-0.1%	62.0%
	2034	767,355	-0.1%	767,355	-0.1%		118.5	-0.1%	73.9%	141.3	-0.1%	62.0%
	2035	766,699	-0.1%	766,699	-0.1%		118.4	-0.1%	73.9%	141.2	-0.1%	62.0%
	2036	766,153	-0.1%	766,153	-0.1%		118.3	-0.1%	73.9%	141.1	-0.1%	62.0%
CAGR ^[1]	2007-2016		0.5%		0.4%			0.9%	73.7%		0.4%	62.0%
	2017-2026		-0.1%		-0.1%			-0.1%	73.9%		-0.1%	62.0%
	2027-2036		-0.1%		-0.1%			-0.1%	73.9%		-0.1%	62.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Low Economic Case - Keys

Historical and Projected - Energy Sales by Customer Class (Fiscal Year 2007-2036)

Fiscal Year		Residential						General Service						Navy		Lights		TOTAL SALES		DISTR. LOSSES	TOTAL NEL	
		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)	% Chg
																				(MWh)	(MWh)	
Historical	2007	326,085		24,057		13,555		309,380		3,789		81.7		66,558		4,323		706,346		59,833	766,179	
	2008	342,058	4.9%	24,084	0.1%	14,203	4.8%	323,864	4.7%	3,905	3.1%	82.9	1.5%	69,585	4.5%	4,217	-2.4%	739,724	4.7%	34,806	774,530	1.1%
	2009	310,120	-9.3%	24,093	0.0%	12,872	-9.4%	300,227	-7.3%	3,945	1.0%	76.1	-8.2%	68,353	-1.8%	4,184	-0.8%	682,884	-7.7%	50,044	732,928	-5.4%
	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	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	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	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	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	770,420	4.4%
Projected	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	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	800,141	2.6%
	2017	362,476	-2.8%	25,586	0.1%	14,167	-3.0%	320,592	-1.0%	4,385	1.2%	73.1	-2.2%	50,456	-4.1%	2,878	-1.6%	736,402	-2.1%	44,135	780,537	-2.5%
	2018	365,840	0.9%	25,617	0.1%	14,281	0.8%	318,423	-0.7%	4,398	0.3%	72.4	-1.0%	49,520	-1.9%	2,850	-1.0%	736,633	0.0%	44,134	780,767	0.0%
	2019	362,455	-0.9%	25,694	0.3%	14,107	-1.2%	318,544	0.0%	4,413	0.3%	72.2	-0.3%	48,970	-1.1%	2,821	-1.0%	732,790	-0.5%	43,887	776,677	-0.5%
	2020	359,474	-0.8%	25,778	0.3%	13,945	-1.1%	319,137	0.2%	4,428	0.4%	72.1	-0.2%	48,567	-0.8%	2,793	-1.0%	729,971	-0.4%	43,719	773,690	-0.4%
	2021	357,670	-0.5%	25,861	0.3%	13,831	-0.8%	319,827	0.2%	4,444	0.4%	72.0	-0.1%	48,248	-0.7%	2,765	-1.0%	728,511	-0.2%	43,647	772,158	-0.2%
	2022	357,657	0.0%	25,940	0.3%	13,788	-0.3%	320,230	0.1%	4,461	0.4%	71.8	-0.2%	47,985	-0.5%	2,737	-1.0%	728,609	0.0%	43,656	772,265	0.0%
	2023	357,601	0.0%	26,017	0.3%	13,745	-0.3%	320,524	0.1%	4,477	0.4%	71.6	-0.3%	47,760	-0.5%	2,710	-1.0%	728,596	0.0%	43,654	772,250	0.0%
	2024	357,155	-0.1%	26,090	0.3%	13,689	-0.4%	320,823	0.1%	4,494	0.4%	71.4	-0.3%	47,564	-0.4%	2,683	-1.0%	728,225	-0.1%	43,630	771,855	-0.1%
	2025	356,637	-0.1%	26,160	0.3%	13,633	-0.4%	320,990	0.1%	4,510	0.4%	71.2	-0.3%	47,391	-0.4%	2,656	-1.0%	727,673	-0.1%	43,596	771,270	-0.1%
	2026	356,144	-0.1%	26,228	0.3%	13,579	-0.4%	321,165	0.1%	4,526	0.3%	71.0	-0.3%	47,235	-0.3%	2,630	-1.0%	727,173	-0.1%	43,568	770,741	-0.1%
	2027	355,707	-0.1%	26,293	0.2%	13,529	-0.4%	321,476	0.1%	4,541	0.3%	70.8	-0.2%	47,093	-0.3%	2,603	-1.0%	726,879	0.0%	43,551	770,430	0.0%
	2028	355,244	-0.1%	26,356	0.2%	13,479	-0.4%	321,825	0.1%	4,556	0.3%	70.6	-0.2%	46,963	-0.3%	2,577	-1.0%	726,609	0.0%	43,535	770,144	0.0%
	2029	354,813	-0.1%	26,416	0.2%	13,432	-0.3%	322,083	0.1%	4,570	0.3%	70.5	-0.2%	46,844	-0.3%	2,551	-1.0%	726,291	0.0%	43,515	769,806	0.0%
	2030	354,395	-0.1%	26,474	0.2%	13,387	-0.3%	322,210	0.0%	4,585	0.3%	70.3	-0.3%	46,733	-0.2%	2,526	-1.0%	725,864	-0.1%	43,490	769,353	-0.1%
	2031	354,097	-0.1%	26,530	0.2%	13,347	-0.3%	322,211	0.0%	4,598	0.3%	70.1	-0.3%	46,630	-0.2%	2,501	-1.0%	725,438	-0.1%	43,465	768,903	-0.1%
	2032	353,797	-0.1%	26,584	0.2%	13,309	-0.3%	322,292	0.0%	4,611	0.3%	69.9	-0.3%	46,533	-0.2%	2,476	-1.0%	725,098	0.0%	43,444	768,542	0.0%
	2033	353,431	-0.1%	26,636	0.2%	13,269	-0.3%	322,241	0.0%	4,624	0.3%	69.7	-0.3%	46,442	-0.2%	2,451	-1.0%	724,564	-0.1%	43,411	767,975	-0.1%
	2034	353,044	-0.1%	26,687	0.2%	13,229	-0.3%	322,153	0.0%	4,636	0.3%	69.5	-0.3%	46,356	-0.2%	2,426	-1.0%	723,980	-0.1%	43,376	767,355	-0.1%
	2035	352,572	-0.1%	26,735	0.2%	13,188	-0.3%	322,112	0.0%	4,648	0.3%	69.3	-0.3%	46,274	-0.2%	2,402	-1.0%	723,360	-0.1%	43,339	766,699	-0.1%
	2036	352,131	-0.1%	26,782	0.2%	13,148	-0.3%	322,138	0.0%	4,660	0.2%	69.1	-0.2%	46,197	-0.2%	2,378	-1.0%	722,844	-0.1%	43,309	766,153	-0.1%
CAGR	2007-2016		1.5%		0.7%		0.8%		0.5%		1.5%		-1.0%		-2.6%		-4.2%		0.7%			0.5%
	2017-2026		-0.2%		0.3%		-0.5%		0.0%		0.4%		-0.7%		-0.7%		-1.0%		-0.1%			-0.1%
	2027-2036		-0.1%		0.2%		-0.3%		0.0%		0.3%		-0.3%		-0.2%		-1.0%		-0.1%			-0.1%

CAGR - Compound Average Growth Rate.

FMPA 2017 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)				
		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	2007	766,179	-	741,690	-	-3.2%	79.4	-	77.0	-	-3.0%	133.1	-	134.1		0.8%
	2008	774,530	1.1%	739,915	-0.2%	-4.5%	94.1	18.6%	89.9	16.7%	-4.5%	125.0	-6.1%	128.6	-4.1%	2.9%
	2009	732,928	-5.4%	733,273	-0.9%	0.0%	91.9	-2.3%	78.4	-12.8%	-14.7%	130.0	4.0%	122.3	-4.9%	-5.9%
	2010	747,958	2.1%	726,812	-0.9%	-2.8%	116.0	26.2%	100.4	28.0%	-13.5%	133.4	2.6%	131.4	7.5%	-1.5%
	2011	747,355	-0.1%	732,406	0.8%	-2.0%	76.9	-33.7%	90.3	-10.0%	17.4%	134.8	1.1%	134.4	2.3%	-0.3%
	2012	745,122	-0.3%	738,685	0.9%	-0.9%	80.6	4.7%	78.8	-12.8%	-2.2%	136.7	1.4%	140.5	4.6%	2.8%
	2013	738,003	-1.0%	739,015	0.0%	0.1%	70.6	-12.3%	81.3	3.2%	15.2%	129.6	-5.2%	130.6	-7.1%	0.8%
	2014	770,420	4.4%	738,241	-0.1%	-4.2%	75.0	6.2%	80.7	-0.7%	7.7%	132.7	2.4%	135.1	3.5%	1.8%
	2015	779,772	1.2%	752,343	1.9%	-3.5%	89.9	19.9%	83.8	3.8%	-6.8%	130.0	-2.1%	126.2	-6.6%	-2.9%
	2016	800,141	2.6%	770,431	2.4%	-3.7%	72.5	-19.4%	85.5	2.1%	18.0%	140.6	8.1%	140.8	11.6%	0.2%
Projected	2017	785,552	-1.8%	785,552	2.0%		73.8	1.9%	73.8	-13.7%		135.3	-3.7%	135.3	-3.9%	
	2018			799,511	1.8%				75.0	1.5%				137.4	1.5%	
	2019			805,900	0.8%				75.5	0.8%				138.4	0.8%	
	2020			812,753	0.9%				76.2	0.8%				139.6	0.8%	
	2021			818,811	0.7%				76.7	0.8%				140.6	0.8%	
	2022			825,028	0.8%				77.3	0.7%				141.7	0.7%	
	2023			830,338	0.6%				77.8	0.6%				142.5	0.6%	
	2024			834,686	0.5%				78.2	0.5%				143.2	0.5%	
	2025			838,440	0.4%				78.5	0.4%				143.9	0.4%	
	2026			841,890	0.4%				78.8	0.4%				144.5	0.4%	
	2027			845,241	0.4%				79.1	0.4%				145.0	0.4%	
	2028			848,362	0.4%				79.4	0.4%				145.6	0.4%	
	2029			851,235	0.3%				79.7	0.3%				146.0	0.3%	
	2030			853,835	0.3%				79.9	0.3%				146.5	0.3%	
	2031			856,320	0.3%				80.2	0.3%				146.9	0.3%	
	2032			858,719	0.3%				80.4	0.3%				147.3	0.3%	
	2033			860,805	0.2%				80.6	0.2%				147.6	0.2%	
	2034			862,730	0.2%				80.7	0.2%				148.0	0.2%	
	2035			864,487	0.2%				80.9	0.2%				148.3	0.2%	
	2036			866,222	0.2%				81.1	0.2%				148.6	0.2%	
CAGR ^[3]	2007-2016		0.5%		0.4%			-1.0%		1.2%			0.6%		0.5%	
	2017-2026				0.8%					0.7%					0.7%	
	2027-2036				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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	766,179	-	741,690	-	-3.2%	118.0	-	74.1%	141.6	-	61.8%
	2008	774,530	1.1%	739,915	-0.2%	-4.5%	116.0	-1.7%	76.2%	136.4	-3.7%	64.8%
	2009	732,928	-5.4%	733,273	-0.9%	0.0%	107.9	-7.0%	77.5%	135.0	-1.0%	62.0%
	2010	747,958	2.1%	726,812	-0.9%	-2.8%	126.3	17.0%	67.6%	136.3	0.9%	62.7%
	2011	747,355	-0.1%	732,406	0.8%	-2.0%	116.7	-7.6%	73.1%	139.7	2.5%	61.1%
	2012	745,122	-0.3%	738,685	0.9%	-0.9%	111.9	-4.1%	76.0%	137.0	-1.9%	62.1%
	2013	738,003	-1.0%	739,015	0.0%	0.1%	115.9	3.6%	72.7%	136.1	-0.7%	61.9%
	2014	770,420	4.4%	738,241	-0.1%	-4.2%	115.1	-0.7%	76.4%	144.2	6.0%	61.0%
	2015	779,772	1.2%	752,343	1.9%	-3.5%	124.0	7.7%	71.8%	146.7	1.8%	60.7%
	2016	800,141	2.6%	770,431	2.4%	-3.7%	128.5	3.6%	71.1%	147.2	0.3%	62.1%
Projected	2017	785,552	-1.8%	785,552	2.0%		121.9	-5.1%	73.6%	145.4	-1.2%	61.7%
	2018	799,511	1.8%	799,511	1.8%		123.8	1.5%	73.8%	147.6	1.5%	61.8%
	2019	805,900	0.8%	805,900	0.8%		124.7	0.8%	73.8%	148.7	0.8%	61.8%
	2020	812,753	0.9%	812,753	0.9%		125.7	0.8%	73.8%	150.0	0.8%	61.9%
	2021	818,811	0.7%	818,811	0.7%		126.7	0.8%	73.8%	151.1	0.8%	61.9%
	2022	825,028	0.8%	825,028	0.8%		127.6	0.7%	73.8%	152.2	0.7%	61.9%
	2023	830,338	0.6%	830,338	0.6%		128.4	0.6%	73.8%	153.1	0.6%	61.9%
	2024	834,686	0.5%	834,686	0.5%		129.0	0.5%	73.8%	153.9	0.5%	61.9%
	2025	838,440	0.4%	838,440	0.4%		129.6	0.4%	73.8%	154.6	0.4%	61.9%
	2026	841,890	0.4%	841,890	0.4%		130.1	0.4%	73.8%	155.2	0.4%	61.9%
	2027	845,241	0.4%	845,241	0.4%		130.6	0.4%	73.9%	155.8	0.4%	61.9%
	2028	848,362	0.4%	848,362	0.4%		131.1	0.4%	73.9%	156.4	0.4%	61.9%
	2029	851,235	0.3%	851,235	0.3%		131.6	0.3%	73.9%	156.9	0.3%	61.9%
	2030	853,835	0.3%	853,835	0.3%		132.0	0.3%	73.9%	157.4	0.3%	61.9%
	2031	856,320	0.3%	856,320	0.3%		132.3	0.3%	73.9%	157.8	0.3%	61.9%
	2032	858,719	0.3%	858,719	0.3%		132.7	0.3%	73.9%	158.3	0.3%	61.9%
	2033	860,805	0.2%	860,805	0.2%		133.0	0.2%	73.9%	158.6	0.2%	61.9%
	2034	862,730	0.2%	862,730	0.2%		133.3	0.2%	73.9%	159.0	0.2%	61.9%
	2035	864,487	0.2%	864,487	0.2%		133.6	0.2%	73.9%	159.3	0.2%	61.9%
	2036	866,222	0.2%	866,222	0.2%		133.8	0.2%	73.9%	159.6	0.2%	61.9%
CAGR ^[1]	2007-2016		0.5%		0.4%			0.9%	73.7%		0.4%	62.0%
	2017-2026		0.8%		0.8%			0.7%	73.8%		0.7%	61.9%
	2027-2036		0.3%		0.3%			0.3%	73.9%		0.3%	61.9%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - High Economic Case - Keys

Historical and Projected - Energy Sales by Customer Class (Fiscal Year 2007-2036)

Fiscal Year		Residential						General Service						Navy		Lights		TOTAL SALES		DISTR. LOSSES	TOTAL NEL	
		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)	% Chg
																				(MWh)	(MWh)	
Historical	2007	326,085		24,057		13,555		309,380		3,789		81.7		66,558		4,323		706,346		59,833	766,179	
	2008	342,058	4.9%	24,084	0.1%	14,203	4.8%	323,864	4.7%	3,905	3.1%	82.9	1.5%	69,585	4.5%	4,217	-2.4%	739,724	4.7%	34,806	774,530	1.1%
	2009	310,120	-9.3%	24,093	0.0%	12,872	-9.4%	300,227	-7.3%	3,945	1.0%	76.1	-8.2%	68,353	-1.8%	4,184	-0.8%	682,884	-7.7%	50,044	732,928	-5.4%
	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	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	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	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	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	770,420	4.4%
Projected	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	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	800,141	2.6%
	2017	362,867	-2.7%	25,586	0.1%	14,182	-2.9%	324,880	0.3%	4,385	1.2%	74.1	-0.9%	50,456	-4.1%	2,878	-1.6%	741,081	-1.5%	44,471	785,552	-1.8%
	2018	369,060	1.7%	25,617	0.1%	14,407	1.6%	332,829	2.4%	4,398	0.3%	75.7	2.1%	49,520	-1.9%	2,850	-1.0%	754,259	1.8%	45,252	799,511	1.8%
	2019	370,393	0.4%	25,694	0.3%	14,416	0.1%	338,127	1.6%	4,413	0.3%	76.6	1.3%	48,970	-1.1%	2,821	-1.0%	760,311	0.8%	45,589	805,900	0.8%
	2020	372,914	0.7%	25,778	0.3%	14,466	0.4%	342,502	1.3%	4,428	0.4%	77.3	0.9%	48,567	-0.8%	2,793	-1.0%	766,776	0.9%	45,976	812,753	0.9%
	2021	375,182	0.6%	25,861	0.3%	14,508	0.3%	346,296	1.1%	4,444	0.4%	77.9	0.7%	48,248	-0.7%	2,765	-1.0%	772,492	0.7%	46,319	818,811	0.7%
	2022	378,242	0.8%	25,940	0.3%	14,581	0.5%	349,394	0.9%	4,461	0.4%	78.3	0.5%	47,985	-0.5%	2,737	-1.0%	778,358	0.8%	46,669	825,028	0.8%
	2023	380,835	0.7%	26,017	0.3%	14,638	0.4%	352,068	0.8%	4,477	0.4%	78.6	0.4%	47,760	-0.5%	2,710	-1.0%	783,374	0.6%	46,964	830,338	0.6%
	2024	382,740	0.5%	26,090	0.3%	14,670	0.2%	354,493	0.7%	4,494	0.4%	78.9	0.3%	47,564	-0.4%	2,683	-1.0%	787,480	0.5%	47,206	834,686	0.5%
	2025	384,364	0.4%	26,160	0.3%	14,693	0.2%	356,613	0.6%	4,510	0.4%	79.1	0.2%	47,391	-0.4%	2,656	-1.0%	791,024	0.5%	47,416	838,440	0.4%
	2026	385,855	0.4%	26,228	0.3%	14,712	0.1%	358,560	0.5%	4,526	0.3%	79.2	0.2%	47,235	-0.3%	2,630	-1.0%	794,279	0.4%	47,611	841,890	0.4%
	2027	387,279	0.4%	26,293	0.2%	14,729	0.1%	360,467	0.5%	4,541	0.3%	79.4	0.2%	47,093	-0.3%	2,603	-1.0%	797,442	0.4%	47,799	845,241	0.4%
	2028	388,568	0.3%	26,356	0.2%	14,743	0.1%	362,279	0.5%	4,556	0.3%	79.5	0.2%	46,963	-0.3%	2,577	-1.0%	800,387	0.4%	47,975	848,362	0.4%
	2029	389,800	0.3%	26,416	0.2%	14,756	0.1%	363,904	0.4%	4,570	0.3%	79.6	0.1%	46,844	-0.3%	2,551	-1.0%	803,099	0.3%	48,136	851,235	0.3%
	2030	390,965	0.3%	26,474	0.2%	14,768	0.1%	365,329	0.4%	4,585	0.3%	79.7	0.1%	46,733	-0.2%	2,526	-1.0%	805,553	0.3%	48,282	853,835	0.3%
	2031	392,195	0.3%	26,530	0.2%	14,783	0.1%	366,572	0.3%	4,598	0.3%	79.7	0.0%	46,630	-0.2%	2,501	-1.0%	807,897	0.3%	48,422	856,320	0.3%
	2032	393,363	0.3%	26,584	0.2%	14,797	0.1%	367,791	0.3%	4,611	0.3%	79.8	0.0%	46,533	-0.2%	2,476	-1.0%	810,162	0.3%	48,557	858,719	0.3%
	2033	394,404	0.3%	26,636	0.2%	14,807	0.1%	368,835	0.3%	4,624	0.3%	79.8	0.0%	46,442	-0.2%	2,451	-1.0%	812,132	0.2%	48,674	860,805	0.2%
	2034	395,373	0.2%	26,687	0.2%	14,815	0.1%	369,792	0.3%	4,636	0.3%	79.8	0.0%	46,356	-0.2%	2,426	-1.0%	813,948	0.2%	48,782	862,730	0.2%
	2035	396,202	0.2%	26,735	0.2%	14,819	0.0%	370,728	0.3%	4,648	0.3%	79.8	0.0%	46,274	-0.2%	2,402	-1.0%	815,606	0.2%	48,880	864,487	0.2%
	2036	397,025	0.2%	26,782	0.2%	14,824	0.0%	371,643	0.2%	4,660	0.2%	79.8	0.0%	46,197	-0.2%	2,378	-1.0%	817,243	0.2%	48,979	866,222	0.2%
CAGR	2007-2016		1.5%		0.7%		0.8%		0.5%		1.5%		-1.0%		-2.6%		-4.2%		0.7%			0.5%
	2017-2026		0.7%		0.3%		0.4%		1.1%		0.4%		0.7%		-0.7%		-1.0%		0.8%			0.8%
	2027-2036		0.3%		0.2%		0.1%		0.3%		0.3%		0.1%		-0.2%		-1.0%		0.3%			0.3%

CAGR - Compound Average Growth Rate.

FMPA 2017 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)				
		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	2007	766,179	-	741,690	-	-3.2%	79.4	-	77.0	-	-3.0%	133.1	-	134.1		0.8%
	2008	774,530	1.1%	739,915	-0.2%	-4.5%	94.1	18.6%	89.9	16.7%	-4.5%	125.0	-6.1%	128.6	-4.1%	2.9%
	2009	732,928	-5.4%	733,273	-0.9%	0.0%	91.9	-2.3%	78.4	-12.8%	-14.7%	130.0	4.0%	122.3	-4.9%	-5.9%
	2010	747,958	2.1%	726,812	-0.9%	-2.8%	116.0	26.2%	100.4	28.0%	-13.5%	133.4	2.6%	131.4	7.5%	-1.5%
	2011	747,355	-0.1%	732,406	0.8%	-2.0%	76.9	-33.7%	90.3	-10.0%	17.4%	134.8	1.1%	134.4	2.3%	-0.3%
	2012	745,122	-0.3%	738,685	0.9%	-0.9%	80.6	4.7%	78.8	-12.8%	-2.2%	136.7	1.4%	140.5	4.6%	2.8%
	2013	738,003	-1.0%	739,015	0.0%	0.1%	70.6	-12.3%	81.3	3.2%	15.2%	129.6	-5.2%	130.6	-7.1%	0.8%
	2014	770,420	4.4%	738,241	-0.1%	-4.2%	75.0	6.2%	80.7	-0.7%	7.7%	132.7	2.4%	135.1	3.5%	1.8%
	2015	779,772	1.2%	752,343	1.9%	-3.5%	89.9	19.9%	83.8	3.8%	-6.8%	130.0	-2.1%	126.2	-6.6%	-2.9%
	2016	800,141	2.6%	770,431	2.4%	-3.7%	72.5	-19.4%	85.5	2.1%	18.0%	140.6	8.1%	140.8	11.6%	0.2%
Projected	2017	766,553	-4.2%	766,553	-0.5%		71.8	-1.0%	71.8	-16.1%		131.5	-6.4%	131.5	-6.6%	
	2018			772,218	0.7%				72.3	0.8%				132.5	0.8%	
	2019			773,713	0.2%				72.4	0.2%				132.7	0.2%	
	2020			775,994	0.3%				72.6	0.3%				133.1	0.3%	
	2021			778,584	0.3%				72.9	0.4%				133.6	0.4%	
	2022			782,025	0.4%				73.2	0.4%				134.2	0.4%	
	2023			784,973	0.4%				73.5	0.4%				134.7	0.4%	
	2024			787,271	0.3%				73.7	0.3%				135.1	0.3%	
	2025			789,181	0.2%				73.9	0.2%				135.4	0.2%	
	2026			790,964	0.2%				74.0	0.2%				135.7	0.2%	
	2027			792,792	0.2%				74.2	0.2%				136.0	0.2%	
	2028			794,524	0.2%				74.4	0.2%				136.3	0.2%	
	2029			796,115	0.2%				74.5	0.2%				136.5	0.2%	
	2030			797,500	0.2%				74.6	0.2%				136.8	0.2%	
	2031			798,828	0.2%				74.8	0.2%				137.0	0.2%	
	2032			800,157	0.2%				74.9	0.2%				137.2	0.2%	
	2033			801,234	0.1%				75.0	0.1%				137.4	0.1%	
	2034			802,193	0.1%				75.1	0.1%				137.6	0.1%	
	2035			803,061	0.1%				75.1	0.1%				137.7	0.1%	
	2036			803,961	0.1%				75.2	0.1%				137.9	0.1%	
CAGR ^[3]	2007-2016		0.5%		0.4%			-1.0%		1.2%			0.6%		0.5%	
	2017-2026				0.3%					0.3%					0.3%	
	2027-2036				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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	766,179	-	741,690	-	-3.2%	118.0	-	74.1%	141.6	-	61.8%
	2008	774,530	1.1%	739,915	-0.2%	-4.5%	116.0	-1.7%	76.2%	136.4	-3.7%	64.8%
	2009	732,928	-5.4%	733,273	-0.9%	0.0%	107.9	-7.0%	77.5%	135.0	-1.0%	62.0%
	2010	747,958	2.1%	726,812	-0.9%	-2.8%	126.3	17.0%	67.6%	136.3	0.9%	62.7%
	2011	747,355	-0.1%	732,406	0.8%	-2.0%	116.7	-7.6%	73.1%	139.7	2.5%	61.1%
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	2013	738,003	-1.0%	739,015	0.0%	0.1%	115.9	3.6%	72.7%	136.1	-0.7%	61.9%
	2014	770,420	4.4%	738,241	-0.1%	-4.2%	115.1	-0.7%	76.4%	144.2	6.0%	61.0%
	2015	779,772	1.2%	752,343	1.9%	-3.5%	124.0	7.7%	71.8%	146.7	1.8%	60.7%
	2016	800,141	2.6%	770,431	2.4%	-3.7%	128.5	3.6%	71.1%	147.2	0.3%	62.1%
Projected	2017	766,553	-4.2%	766,553	-0.5%		118.5	-7.8%	73.9%	141.3	-4.0%	61.9%
	2018	772,218	0.7%	772,218	0.7%		119.4	0.8%	73.9%	142.4	0.8%	61.9%
	2019	773,713	0.2%	773,713	0.2%		119.6	0.2%	73.9%	142.6	0.2%	61.9%
	2020	775,994	0.3%	775,994	0.3%		119.9	0.3%	73.9%	143.0	0.3%	61.9%
	2021	778,584	0.3%	778,584	0.3%		120.4	0.4%	73.8%	143.6	0.4%	61.9%
	2022	782,025	0.4%	782,025	0.4%		120.9	0.4%	73.8%	144.2	0.4%	61.9%
	2023	784,973	0.4%	784,973	0.4%		121.3	0.4%	73.9%	144.7	0.4%	61.9%
	2024	787,271	0.3%	787,271	0.3%		121.7	0.3%	73.9%	145.1	0.3%	61.9%
	2025	789,181	0.2%	789,181	0.2%		122.0	0.2%	73.9%	145.5	0.2%	61.9%
	2026	790,964	0.2%	790,964	0.2%		122.2	0.2%	73.9%	145.8	0.2%	61.9%
	2027	792,792	0.2%	792,792	0.2%		122.5	0.2%	73.9%	146.1	0.2%	61.9%
	2028	794,524	0.2%	794,524	0.2%		122.8	0.2%	73.9%	146.4	0.2%	61.9%
	2029	796,115	0.2%	796,115	0.2%		123.0	0.2%	73.9%	146.7	0.2%	61.9%
	2030	797,500	0.2%	797,500	0.2%		123.2	0.2%	73.9%	147.0	0.2%	61.9%
	2031	798,828	0.2%	798,828	0.2%		123.4	0.2%	73.9%	147.2	0.2%	61.9%
	2032	800,157	0.2%	800,157	0.2%		123.6	0.2%	73.9%	147.5	0.2%	61.9%
	2033	801,234	0.1%	801,234	0.1%		123.8	0.1%	73.9%	147.6	0.1%	62.0%
	2034	802,193	0.1%	802,193	0.1%		123.9	0.1%	73.9%	147.8	0.1%	62.0%
	2035	803,061	0.1%	803,061	0.1%		124.1	0.1%	73.9%	148.0	0.1%	62.0%
	2036	803,961	0.1%	803,961	0.1%		124.2	0.1%	73.9%	148.1	0.1%	61.9%
CAGR ^[1]	2007-2016		0.5%		0.4%			0.9%	73.7%		0.4%	62.0%
	2017-2026		0.3%		0.3%			0.3%	73.9%		0.3%	61.9%
	2027-2036		0.2%		0.2%			0.2%	73.9%		0.2%	61.9%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Severe 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)				
		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	2007	766,179	-	741,690	-	-3.2%	79.4	-	77.0	-	-3.0%	133.1	-	134.1		0.8%
	2008	774,530	1.1%	739,915	-0.2%	-4.5%	94.1	18.6%	89.9	16.7%	-4.5%	125.0	-6.1%	128.6	-4.1%	2.9%
	2009	732,928	-5.4%	733,273	-0.9%	0.0%	91.9	-2.3%	78.4	-12.8%	-14.7%	130.0	4.0%	122.3	-4.9%	-5.9%
	2010	747,958	2.1%	726,812	-0.9%	-2.8%	116.0	26.2%	100.4	28.0%	-13.5%	133.4	2.6%	131.4	7.5%	-1.5%
	2011	747,355	-0.1%	732,406	0.8%	-2.0%	76.9	-33.7%	90.3	-10.0%	17.4%	134.8	1.1%	134.4	2.3%	-0.3%
	2012	745,122	-0.3%	738,685	0.9%	-0.9%	80.6	4.7%	78.8	-12.8%	-2.2%	136.7	1.4%	140.5	4.6%	2.8%
	2013	738,003	-1.0%	739,015	0.0%	0.1%	70.6	-12.3%	81.3	3.2%	15.2%	129.6	-5.2%	130.6	-7.1%	0.8%
	2014	770,420	4.4%	738,241	-0.1%	-4.2%	75.0	6.2%	80.7	-0.7%	7.7%	132.7	2.4%	135.1	3.5%	1.8%
	2015	779,772	1.2%	752,343	1.9%	-3.5%	89.9	19.9%	83.8	3.8%	-6.8%	130.0	-2.1%	126.2	-6.6%	-2.9%
	2016	800,141	2.6%	770,431	2.4%	-3.7%	72.5	-19.4%	85.5	2.1%	18.0%	140.6	8.1%	140.8	11.6%	0.2%
Projected	2017	802,117	0.2%	802,117	4.1%		75.4	4.0%	75.4	-11.9%		138.1	-1.7%	138.1	-1.9%	
	2018			811,356	1.2%				75.9	0.8%				139.2	0.8%	
	2019			812,805	0.2%				76.1	0.2%				139.4	0.2%	
	2020			815,125	0.3%				76.3	0.3%				139.8	0.3%	
	2021			817,792	0.3%				76.6	0.4%				140.3	0.4%	
	2022			821,401	0.4%				76.9	0.4%				140.9	0.4%	
	2023			824,488	0.4%				77.2	0.4%				141.4	0.4%	
	2024			826,879	0.3%				77.4	0.3%				141.8	0.3%	
	2025			828,865	0.2%				77.6	0.2%				142.1	0.2%	
	2026			830,720	0.2%				77.7	0.2%				142.5	0.2%	
	2027			832,620	0.2%				77.9	0.2%				142.8	0.2%	
	2028			834,418	0.2%				78.1	0.2%				143.1	0.2%	
	2029			836,069	0.2%				78.2	0.2%				143.4	0.2%	
	2030			837,508	0.2%				78.4	0.2%				143.6	0.2%	
	2031			838,897	0.2%				78.5	0.2%				143.9	0.2%	
	2032			840,282	0.2%				78.6	0.2%				144.1	0.2%	
	2033			841,405	0.1%				78.7	0.1%				144.3	0.1%	
	2034			842,406	0.1%				78.8	0.1%				144.4	0.1%	
	2035			843,307	0.1%				78.9	0.1%				144.6	0.1%	
	2036			844,241	0.1%				79.0	0.1%				144.8	0.1%	
CAGR ^[3]	2007-2016		0.5%		0.4%			-1.0%		1.2%			0.6%		0.5%	
	2017-2026				0.4%					0.3%					0.3%	
	2027-2036				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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	766,179	-	741,690	-	-3.2%	118.0	-	74.1%	141.6	-	61.8%
	2008	774,530	1.1%	739,915	-0.2%	-4.5%	116.0	-1.7%	76.2%	136.4	-3.7%	64.8%
	2009	732,928	-5.4%	733,273	-0.9%	0.0%	107.9	-7.0%	77.5%	135.0	-1.0%	62.0%
	2010	747,958	2.1%	726,812	-0.9%	-2.8%	126.3	17.0%	67.6%	136.3	0.9%	62.7%
	2011	747,355	-0.1%	732,406	0.8%	-2.0%	116.7	-7.6%	73.1%	139.7	2.5%	61.1%
	2012	745,122	-0.3%	738,685	0.9%	-0.9%	111.9	-4.1%	76.0%	137.0	-1.9%	62.1%
	2013	738,003	-1.0%	739,015	0.0%	0.1%	115.9	3.6%	72.7%	136.1	-0.7%	61.9%
	2014	770,420	4.4%	738,241	-0.1%	-4.2%	115.1	-0.7%	76.4%	144.2	6.0%	61.0%
	2015	779,772	1.2%	752,343	1.9%	-3.5%	124.0	7.7%	71.8%	146.7	1.8%	60.7%
	2016	800,141	2.6%	770,431	2.4%	-3.7%	128.5	3.6%	71.1%	147.2	0.3%	62.1%
Projected	2017	802,117	0.2%	802,117	4.1%		124.4	-3.1%	73.6%	148.4	0.8%	61.7%
	2018	811,356	1.2%	811,356	1.2%		125.4	0.8%	73.9%	149.6	0.8%	61.9%
	2019	812,805	0.2%	812,805	0.2%		125.6	0.2%	73.9%	149.8	0.2%	61.9%
	2020	815,125	0.3%	815,125	0.3%		125.9	0.3%	73.9%	150.2	0.3%	61.9%
	2021	817,792	0.3%	817,792	0.3%		126.4	0.4%	73.9%	150.8	0.4%	61.9%
	2022	821,401	0.4%	821,401	0.4%		127.0	0.4%	73.9%	151.4	0.4%	61.9%
	2023	824,488	0.4%	824,488	0.4%		127.4	0.4%	73.9%	152.0	0.4%	61.9%
	2024	826,879	0.3%	826,879	0.3%		127.8	0.3%	73.9%	152.4	0.3%	61.9%
	2025	828,865	0.2%	828,865	0.2%		128.1	0.2%	73.9%	152.7	0.2%	61.9%
	2026	830,720	0.2%	830,720	0.2%		128.3	0.2%	73.9%	153.1	0.2%	61.9%
	2027	832,620	0.2%	832,620	0.2%		128.6	0.2%	73.9%	153.4	0.2%	61.9%
	2028	834,418	0.2%	834,418	0.2%		128.9	0.2%	73.9%	153.8	0.2%	62.0%
	2029	836,069	0.2%	836,069	0.2%		129.2	0.2%	73.9%	154.1	0.2%	62.0%
	2030	837,508	0.2%	837,508	0.2%		129.4	0.2%	73.9%	154.3	0.2%	62.0%
	2031	838,897	0.2%	838,897	0.2%		129.6	0.2%	73.9%	154.6	0.2%	62.0%
	2032	840,282	0.2%	840,282	0.2%		129.8	0.2%	73.9%	154.8	0.2%	62.0%
	2033	841,405	0.1%	841,405	0.1%		130.0	0.1%	73.9%	155.0	0.1%	62.0%
	2034	842,406	0.1%	842,406	0.1%		130.1	0.1%	73.9%	155.2	0.1%	62.0%
	2035	843,307	0.1%	843,307	0.1%		130.3	0.1%	73.9%	155.4	0.1%	62.0%
	2036	844,241	0.1%	844,241	0.1%		130.4	0.1%	73.9%	155.5	0.1%	62.0%
CAGR ^[1]	2007-2016		0.5%		0.4%			0.9%	73.7%		0.4%	62.0%
	2017-2026		0.4%		0.4%			0.3%	73.8%		0.3%	61.9%
	2027-2036		0.2%		0.2%			0.2%	73.9%		0.2%	62.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Severe Weather Case

Keys Energy

Monthly Coincident-Peak Demand with ARP (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	67.1	79.4	98.1	109.4	120.6	120.8	135.3	133.1	129.2	121.0	112.3	97.9	79.4	133.1
	2008	94.1	68.2	107.7	111.8	127.9	128.4	129.5	125.0	120.7	106.3	103.5	62.6	94.1	125.0
	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	128.0	94.5	91.3	72.5	140.6
Projected	2017	75.4	80.2	104.4	122.2	130.1	136.1	137.9	138.1	132.3	129.0	95.3	92.0	75.4	138.1
	2018	75.9	80.8	105.2	123.1	131.1	137.1	139.0	139.2	133.3	130.0	96.0	92.1	75.9	139.2
	2019	76.1	81.0	105.4	123.4	131.4	137.4	139.2	139.4	133.6	130.3	96.2	92.4	76.1	139.4
	2020	76.3	81.2	105.7	123.7	131.7	137.8	139.6	139.8	133.9	130.6	96.4	92.7	76.3	139.8
	2021	76.6	81.5	106.1	124.2	132.2	138.3	140.1	140.3	134.4	131.1	96.8	93.1	76.6	140.3
	2022	76.9	81.8	106.6	124.7	132.8	138.9	140.7	140.9	135.0	131.7	97.2	93.5	76.9	140.9
	2023	77.2	82.1	106.9	125.1	133.3	139.4	141.2	141.4	135.5	132.1	97.6	93.7	77.2	141.4
	2024	77.4	82.4	107.2	125.5	133.6	139.7	141.6	141.8	135.9	132.5	97.8	93.9	77.4	141.8
	2025	77.6	82.5	107.5	125.8	133.9	140.1	141.9	142.1	136.2	132.8	98.1	94.2	77.6	142.1
Projected	2026	77.7	82.7	107.7	126.1	134.2	140.4	142.3	142.5	136.5	133.1	98.3	94.4	77.7	142.5
	2027	77.9	82.9	108.0	126.3	134.5	140.7	142.6	142.8	136.8	133.4	98.5	94.6	77.9	142.8
	2028	78.1	83.1	108.2	126.6	134.8	141.0	142.9	143.1	137.1	133.7	98.7	94.7	78.1	143.1
	2029	78.2	83.3	108.4	126.9	135.1	141.3	143.2	143.4	137.3	133.9	98.9	94.9	78.2	143.4
	2030	78.4	83.4	108.6	127.1	135.3	141.5	143.4	143.6	137.6	134.2	99.1	95.1	78.4	143.6
	2031	78.5	83.5	108.8	127.3	135.5	141.8	143.6	143.9	137.8	134.4	99.2	95.2	78.5	143.9
	2032	78.6	83.7	108.9	127.5	135.8	142.0	143.9	144.1	138.0	134.6	99.4	95.3	78.6	144.1
	2033	78.7	83.8	109.1	127.6	135.9	142.2	144.1	144.3	138.2	134.8	99.5	95.5	78.7	144.3
	2034	78.8	83.9	109.2	127.8	136.1	142.3	144.2	144.4	138.4	134.9	99.6	95.6	78.8	144.4
Projected	2035	78.9	84.0	109.3	127.9	136.2	142.5	144.4	144.6	138.5	135.1	99.7	95.7	78.9	144.6
	2036	79.0	84.1	109.5	128.1	136.4	142.6	144.5	144.8	138.7	135.2	99.9	95.8	79.0	144.8

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	62.9%	71.9%	83.1%	93.0%	98.8%	90.3%	96.4%	94.0%	97.5%	95.2%	99.8%	84.5%	67.3%	94.0%
	2008	90.8%	58.8%	92.9%	95.2%	96.1%	95.2%	95.1%	91.6%	96.9%	86.6%	96.1%	63.2%	81.1%	91.6%
	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%
Projected	2016	60.8%	63.7%	92.4%	95.3%	81.7%	92.4%	95.5%	98.3%	92.9%	97.1%	82.2%	82.0%	56.4%	95.5%
	2017	67.1%	66.8%	83.9%	94.9%	94.7%	94.6%	92.9%	94.0%	94.1%	97.1%	82.2%	82.0%	60.6%	93.1%
	2018	67.1%	66.8%	83.9%	94.9%	94.7%	94.6%	92.9%	94.0%	94.1%	97.1%	82.2%	82.0%	60.6%	93.1%
	2019	67.1%	66.8%	83.9%	94.9%	94.7%	94.6%	92.9%	94.0%	94.1%	97.1%	82.2%	82.0%	60.6%	93.1%
	2020	67.1%	66.8%	83.9%	94.9%	94.7%	94.6%	92.9%	94.0%	94.1%	97.1%	82.2%	82.0%	60.6%	93.1%
	2021	67.1%	66.8%	83.9%	94.9%	94.7%	94.6%	92.9%	94.0%	94.1%	97.1%	82.2%	82.0%	60.6%	93.1%
	2022	67.1%	66.8%	83.9%	94.9%	94.7%	94.6%	92.9%	94.0%	94.1%	97.1%	82.2%	82.0%	60.6%	93.1%
	2023	67.1%	66.8%	83.9%	94.9%	94.7%	94.6%	92.9%	94.0%	94.1%	97.1%	82.2%	82.0%	60.6%	93.1%
	2024	67.1%	66.8%	83.9%	94.9%	94.7%	94.6%	92.9%	94.0%	94.1%	97.1%	82.2%	82.0%	60.6%	93.1%
Projected	2025	67.1%	66.8%	83.9%	94.9%	94.7%	94.6%	92.9%	94.0%	94.1%	97.1%	82.2%	82.0%	60.6%	93.1%
	2026	67.1%	66.8%	83.9%	94.9%	94.7%	94.6%	92.9%	94.0%	94.1%	97.1%	82.2%	82.0%	60.6%	93.1%
2007-2016		75.2%	69.9%	83.3%	93.1%	93.4%	95.5%	94.7%	94.2%	94.6%	96.3%	92.1%	77.2%	71.8%	94.7%
2017-2026		67.1%	66.8%	83.9%	94.9%	94.7%	94.6%	92.9%	94.0%	94.1%	97.1%	82.2%	82.0%	60.6%	93.1%

FMPA 2017 Load Forecast - Severe Weather Case - Keys

Historical and Projected - Energy Sales by Customer Class (Fiscal Year 2007-2036)

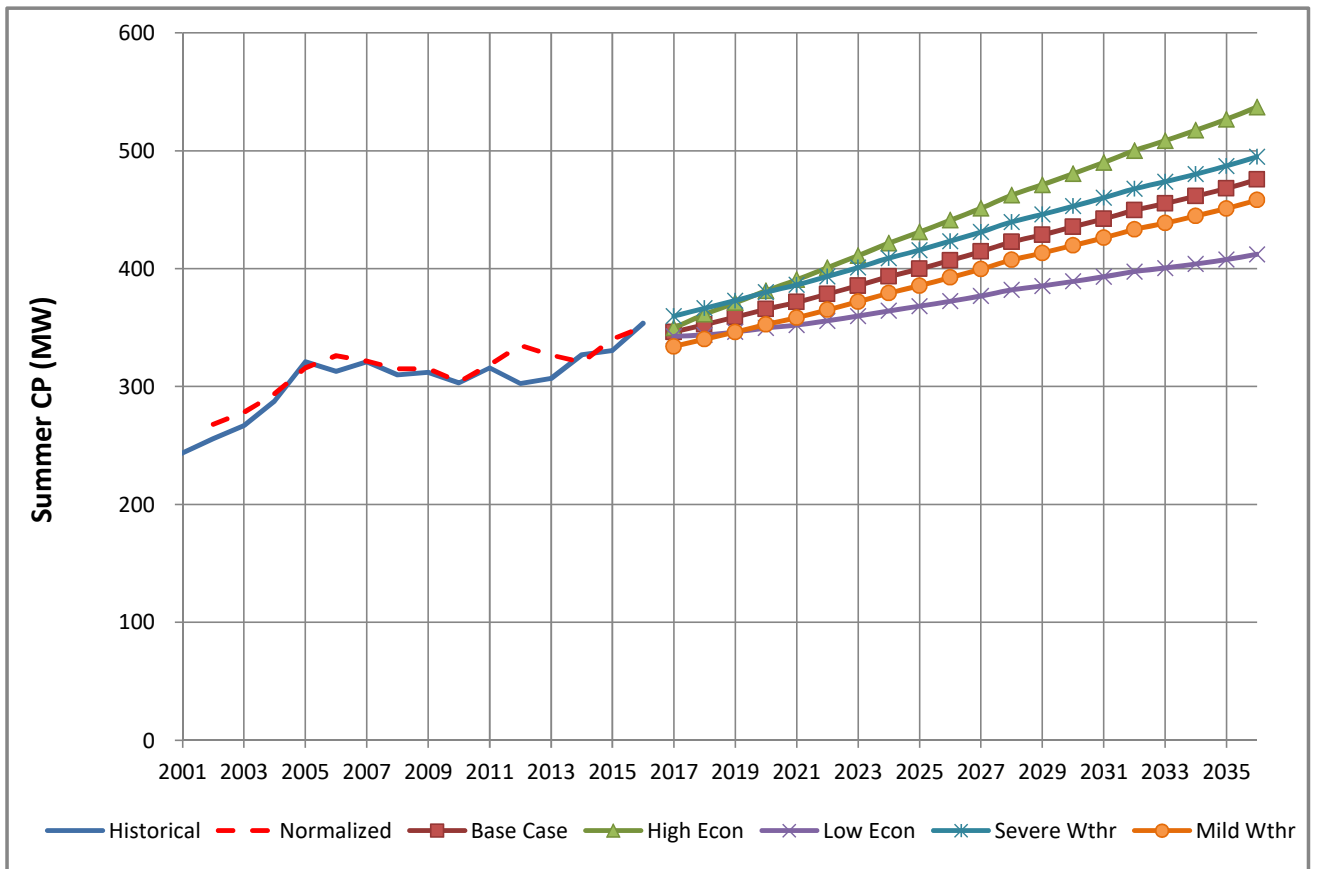
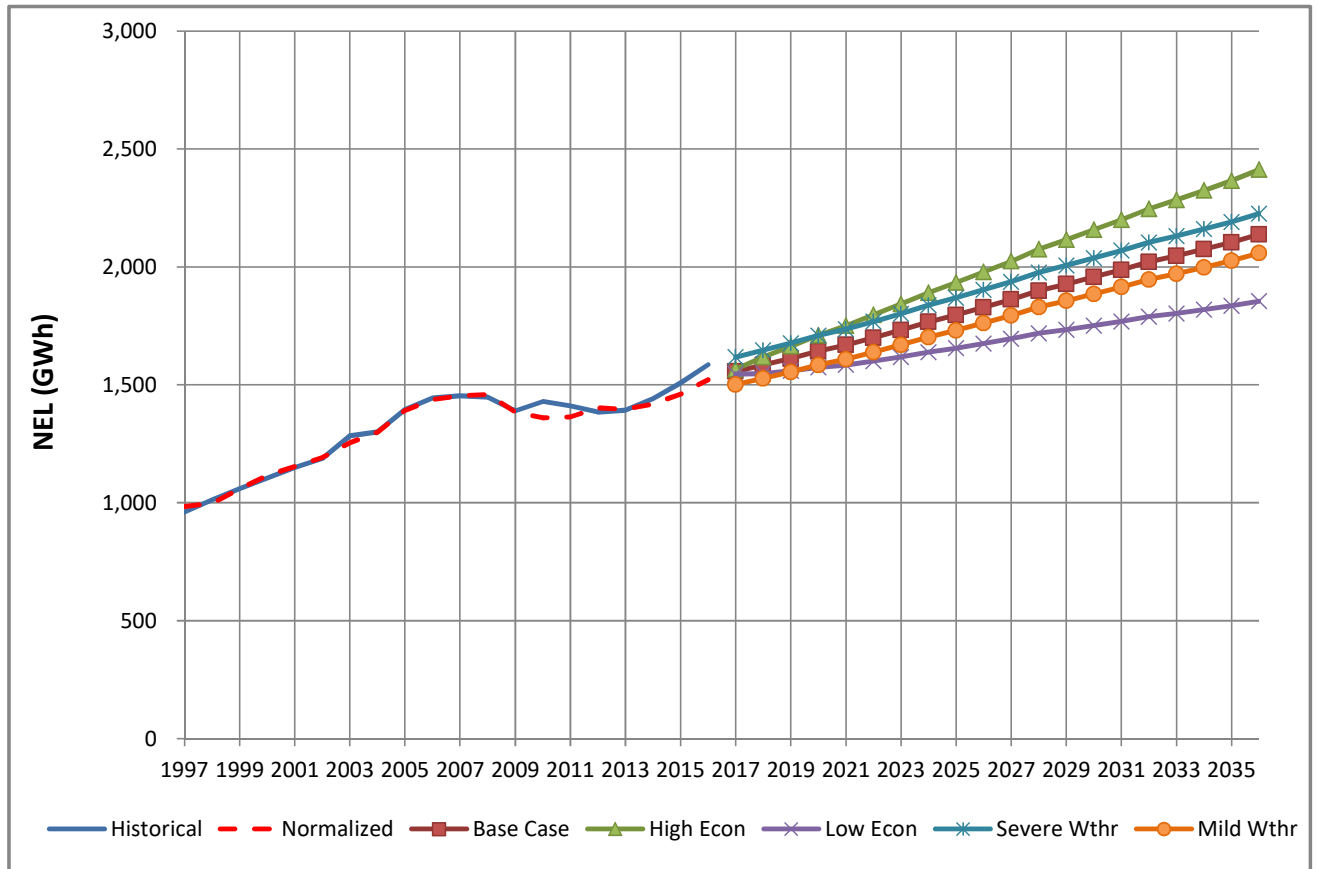
Fiscal Year		Residential						General Service						Navy		Lights		TOTAL SALES		DISTR. LOSSES	TOTAL NEL	
		Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg		(MWh)	% Chg
																				(MWh)	(MWh)	
Historical	2007	326,085		24,057		13,555		309,380		3,789		81.7		66,558		4,323		706,346		59,833	766,179	
	2008	342,058	4.9%	24,084	0.1%	14,203	4.8%	323,864	4.7%	3,905	3.1%	82.9	1.5%	69,585	4.5%	4,217	-2.4%	739,724	4.7%	34,806	774,530	1.1%
	2009	310,120	-9.3%	24,093	0.0%	12,872	-9.4%	300,227	-7.3%	3,945	1.0%	76.1	-8.2%	68,353	-1.8%	4,184	-0.8%	682,884	-7.7%	50,044	732,928	-5.4%
	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	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	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	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	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	770,420	4.4%
Projected	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	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	800,141	2.6%
	2017	376,922	1.0%	25,586	0.1%	14,731	0.9%	325,861	0.6%	4,385	1.2%	74.3	-0.6%	51,195	-2.7%	2,878	-1.6%	756,857	0.6%	45,261	802,117	0.2%
	2018	382,826	1.6%	25,617	0.1%	14,944	1.4%	329,633	1.2%	4,398	0.3%	75.0	0.9%	50,330	-1.7%	2,850	-1.0%	765,639	1.2%	45,717	811,356	1.2%
	2019	381,781	-0.3%	25,694	0.3%	14,859	-0.6%	332,653	0.9%	4,413	0.3%	75.4	0.6%	49,771	-1.1%	2,821	-1.0%	767,026	0.2%	45,779	812,805	0.2%
	2020	381,609	0.0%	25,778	0.3%	14,804	-0.4%	335,450	0.8%	4,428	0.4%	75.8	0.5%	49,362	-0.8%	2,793	-1.0%	769,214	0.3%	45,911	815,125	0.3%
	2021	381,922	0.1%	25,861	0.3%	14,769	-0.2%	337,998	0.8%	4,444	0.4%	76.0	0.4%	49,038	-0.7%	2,765	-1.0%	771,723	0.3%	46,069	817,792	0.3%
	2022	383,573	0.4%	25,940	0.3%	14,787	0.1%	340,047	0.6%	4,461	0.4%	76.2	0.2%	48,771	-0.5%	2,737	-1.0%	775,128	0.4%	46,273	821,401	0.4%
	2023	384,957	0.4%	26,017	0.3%	14,797	0.1%	341,835	0.5%	4,477	0.4%	76.3	0.2%	48,542	-0.5%	2,710	-1.0%	778,044	0.4%	46,444	824,488	0.4%
	2024	385,778	0.2%	26,090	0.3%	14,786	-0.1%	343,499	0.5%	4,494	0.4%	76.4	0.1%	48,343	-0.4%	2,683	-1.0%	780,303	0.3%	46,576	826,879	0.3%
	2025	386,416	0.2%	26,160	0.3%	14,771	-0.1%	344,940	0.4%	4,510	0.4%	76.5	0.1%	48,167	-0.4%	2,656	-1.0%	782,178	0.2%	46,687	828,865	0.2%
	2026	386,997	0.2%	26,228	0.3%	14,755	-0.1%	346,294	0.4%	4,526	0.3%	76.5	0.0%	48,008	-0.3%	2,630	-1.0%	783,928	0.2%	46,792	830,720	0.2%
	2027	387,573	0.1%	26,293	0.2%	14,740	-0.1%	347,681	0.4%	4,541	0.3%	76.6	0.1%	47,864	-0.3%	2,603	-1.0%	785,721	0.2%	46,898	832,620	0.2%
	2028	388,064	0.1%	26,356	0.2%	14,724	-0.1%	349,044	0.4%	4,556	0.3%	76.6	0.1%	47,732	-0.3%	2,577	-1.0%	787,418	0.2%	47,000	834,418	0.2%
	2029	388,542	0.1%	26,416	0.2%	14,709	-0.1%	350,272	0.4%	4,570	0.3%	76.6	0.0%	47,611	-0.3%	2,551	-1.0%	788,977	0.2%	47,092	836,069	0.2%
	2030	388,992	0.1%	26,474	0.2%	14,693	-0.1%	351,319	0.3%	4,585	0.3%	76.6	0.0%	47,498	-0.2%	2,526	-1.0%	790,336	0.2%	47,173	837,508	0.2%
	2031	389,539	0.1%	26,530	0.2%	14,683	-0.1%	352,213	0.3%	4,598	0.3%	76.6	0.0%	47,393	-0.2%	2,501	-1.0%	791,646	0.2%	47,251	838,897	0.2%
	2032	390,052	0.1%	26,584	0.2%	14,672	-0.1%	353,132	0.3%	4,611	0.3%	76.6	0.0%	47,295	-0.2%	2,476	-1.0%	792,954	0.2%	47,328	840,282	0.2%
	2033	390,464	0.1%	26,636	0.2%	14,659	-0.1%	353,898	0.2%	4,624	0.3%	76.5	-0.1%	47,202	-0.2%	2,451	-1.0%	794,015	0.1%	47,390	841,405	0.1%
	2034	390,827	0.1%	26,687	0.2%	14,645	-0.1%	354,590	0.2%	4,636	0.3%	76.5	-0.1%	47,115	-0.2%	2,426	-1.0%	794,959	0.1%	47,447	842,406	0.1%
	2035	391,073	0.1%	26,735	0.2%	14,628	-0.1%	355,303	0.2%	4,648	0.3%	76.4	-0.1%	47,032	-0.2%	2,402	-1.0%	795,810	0.1%	47,497	843,307	0.1%
	2036	391,332	0.1%	26,782	0.2%	14,612	-0.1%	356,028	0.2%	4,660	0.2%	76.4	0.0%	46,954	-0.2%	2,378	-1.0%	796,691	0.1%	47,551	844,241	0.1%
CAGR	2007-2016		1.5%		0.7%		0.8%		0.5%		1.5%		-1.0%		-2.6%		-4.2%		0.7%			0.5%
	2017-2026		0.3%		0.3%		0.0%		0.7%		0.4%		0.3%		-0.7%		-1.0%		0.4%			0.4%
	2027-2036		0.1%		0.2%		-0.1%		0.3%		0.3%		0.0%		-0.2%		-1.0%		0.2%			0.2%

CAGR - Compound Average Growth Rate.

KUA

FMPA 2017 Load Forecast Kissimmee

Historical and Projected NEL and Annual Coincident Peak Demand



FMPA 2017 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)				
		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	2007	1,453,502	-	1,454,708	-	0.1%	250.0	-	264.4	-	5.8%	321.0	-	321.6	-	0.2%
	2008	1,448,820	-0.3%	1,458,955	0.3%	0.7%	264.0	5.6%	258.7	-2.2%	-2.0%	310.0	-3.4%	315.0	-2.0%	1.6%
	2009	1,390,670	-4.0%	1,384,450	-5.1%	-0.4%	275.7	4.4%	254.8	-1.5%	-7.6%	312.1	0.7%	315.1	0.0%	1.0%
	2010	1,430,141	2.8%	1,360,708	-1.7%	-4.9%	314.4	14.0%	277.8	9.0%	-11.6%	303.2	-2.9%	304.0	-3.5%	0.3%
	2011	1,410,602	-1.4%	1,361,279	0.0%	-3.5%	297.8	-5.3%	288.0	3.7%	-3.3%	316.0	4.2%	313.1	3.0%	-0.9%
	2012	1,384,319	-1.9%	1,393,962	2.4%	0.7%	245.8	-17.5%	248.7	-13.6%	1.1%	302.6	-4.2%	334.8	6.9%	10.6%
	2013	1,393,491	0.7%	1,397,613	0.3%	0.3%	242.8	-1.2%	231.3	-7.0%	-4.7%	306.8	1.4%	326.7	-2.4%	6.5%
	2014	1,442,316	3.5%	1,419,121	1.5%	-1.6%	241.4	-0.6%	289.9	25.4%	20.1%	326.9	6.5%	320.5	-1.9%	-2.0%
	2015	1,508,124	4.6%	1,460,526	2.9%	-3.2%	264.5	9.6%	239.7	-17.3%	-9.4%	330.5	1.1%	340.2	6.1%	2.9%
	2016	1,585,494	5.1%	1,522,068	4.2%	-4.0%	250.9	-5.2%	260.4	8.6%	3.8%	353.7	7.0%	350.6	3.1%	-0.9%
Projected	2017	1,546,267	-2.5%	1,546,267	1.6%		273.0	8.8%	273.0	4.8%		342.5	-3.2%	342.5	-2.3%	
	2018			1,548,339	0.1%				274.0	0.4%				343.8	0.4%	
	2019			1,559,395	0.7%				276.0	0.7%				346.3	0.7%	
	2020			1,574,065	0.9%				278.6	1.0%				349.6	1.0%	
	2021			1,584,997	0.7%				280.6	0.7%				352.1	0.7%	
	2022			1,600,810	1.0%				283.5	1.0%				355.8	1.0%	
	2023			1,618,421	1.1%				286.6	1.1%				359.7	1.1%	
	2024			1,639,023	1.3%				290.3	1.3%				364.3	1.3%	
	2025			1,655,547	1.0%				293.3	1.0%				368.0	1.0%	
	2026			1,675,184	1.2%				296.7	1.2%				372.4	1.2%	
	2027			1,694,975	1.2%				300.3	1.2%				376.8	1.2%	
	2028			1,718,625	1.4%				304.4	1.4%				382.0	1.4%	
	2029			1,733,878	0.9%				307.0	0.9%				385.3	0.9%	
	2030			1,751,703	1.0%				310.2	1.0%				389.3	1.0%	
	2031			1,769,252	1.0%				313.3	1.0%				393.1	1.0%	
	2032			1,789,148	1.1%				316.8	1.1%				397.5	1.1%	
	2033			1,802,992	0.8%				319.2	0.8%				400.6	0.8%	
	2034			1,819,017	0.9%				322.0	0.9%				404.1	0.9%	
	2035			1,835,225	0.9%				324.9	0.9%				407.7	0.9%	
	2036			1,855,319	1.1%				328.5	1.1%				412.2	1.1%	
CAGR ^[3]	2007-2016		1.0%		0.5%			0.0%		-0.2%			1.1%		1.0%	
	2017-2026				0.9%					0.9%					0.9%	
	2027-2036				1.0%					1.0%					1.0%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	1,453,502	-	1,454,708	-	0.1%	250.0	-	66.4%	326.0	-	50.9%
	2008	1,448,820	-0.3%	1,458,955	0.3%	0.7%	264.0	5.6%	62.6%	316.0	-3.1%	52.3%
	2009	1,390,670	-4.0%	1,384,450	-5.1%	-0.4%	277.1	4.9%	57.3%	316.5	0.2%	50.2%
	2010	1,430,141	2.8%	1,360,708	-1.7%	-4.9%	315.4	13.8%	51.8%	311.6	-1.5%	52.4%
	2011	1,410,602	-1.4%	1,361,279	0.0%	-3.5%	297.8	-5.6%	54.1%	316.0	1.4%	51.0%
	2012	1,384,319	-1.9%	1,393,962	2.4%	0.7%	246.5	-17.2%	64.1%	310.4	-1.8%	50.9%
	2013	1,393,491	0.7%	1,397,613	0.3%	0.3%	242.8	-1.5%	65.5%	314.1	1.2%	50.6%
	2014	1,442,316	3.5%	1,419,121	1.5%	-1.6%	250.2	3.0%	65.8%	326.9	4.1%	50.4%
	2015	1,508,124	4.6%	1,460,526	2.9%	-3.2%	264.5	5.7%	65.1%	334.8	2.4%	51.4%
	2016	1,585,494	5.1%	1,522,068	4.2%	-4.0%	281.7	6.5%	64.2%	353.7	5.6%	51.2%
Projected	2017	1,546,267	-2.5%	1,546,267	1.6%		285.4	1.3%	61.8%	344.6	-2.6%	51.2%
	2018	1,548,339	0.1%	1,548,339	0.1%		286.5	0.4%	61.7%	345.9	0.4%	51.1%
	2019	1,559,395	0.7%	1,559,395	0.7%		288.6	0.7%	61.7%	348.4	0.7%	51.1%
	2020	1,574,065	0.9%	1,574,065	0.9%		291.3	1.0%	61.7%	351.7	1.0%	51.1%
	2021	1,584,997	0.7%	1,584,997	0.7%		293.4	0.7%	61.7%	354.2	0.7%	51.1%
	2022	1,600,810	1.0%	1,600,810	1.0%		296.5	1.0%	61.6%	357.9	1.0%	51.1%
	2023	1,618,421	1.1%	1,618,421	1.1%		299.7	1.1%	61.6%	361.8	1.1%	51.1%
	2024	1,639,023	1.3%	1,639,023	1.3%		303.6	1.3%	61.6%	366.5	1.3%	51.1%
	2025	1,655,547	1.0%	1,655,547	1.0%		306.7	1.0%	61.6%	370.2	1.0%	51.0%
	2026	1,675,184	1.2%	1,675,184	1.2%		310.3	1.2%	61.6%	374.6	1.2%	51.1%
	2027	1,694,975	1.2%	1,694,975	1.2%		314.0	1.2%	61.6%	379.1	1.2%	51.0%
	2028	1,718,625	1.4%	1,718,625	1.4%		318.3	1.4%	61.6%	384.3	1.4%	51.1%
	2029	1,733,878	0.9%	1,733,878	0.9%		321.1	0.9%	61.6%	387.6	0.9%	51.1%
	2030	1,751,703	1.0%	1,751,703	1.0%		324.4	1.0%	61.6%	391.6	1.0%	51.1%
	2031	1,769,252	1.0%	1,769,252	1.0%		327.6	1.0%	61.7%	395.4	1.0%	51.1%
	2032	1,789,148	1.1%	1,789,148	1.1%		331.3	1.1%	61.7%	399.9	1.1%	51.1%
	2033	1,802,992	0.8%	1,802,992	0.8%		333.8	0.8%	61.7%	402.9	0.8%	51.1%
	2034	1,819,017	0.9%	1,819,017	0.9%		336.7	0.9%	61.7%	406.5	0.9%	51.1%
	2035	1,835,225	0.9%	1,835,225	0.9%		339.8	0.9%	61.7%	410.2	0.9%	51.1%
	2036	1,855,319	1.1%	1,855,319	1.1%		343.5	1.1%	61.7%	414.6	1.1%	51.1%
CAGR ^[1]	2007-2016		1.0%		0.5%			1.3%	61.7%		0.9%	51.1%
	2017-2026		0.9%		0.9%			0.9%	61.7%		0.9%	51.1%
	2027-2036		1.0%		1.0%			1.0%	61.7%		1.0%	51.1%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Low Economic Case
Kissimmee Utility Auth.
Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	222.0	250.0	213.0	314.0	265.0	290.0	310.0	326.0	309.0	281.0	215.0	203.0	250.0	326.0
	2008	264.0	207.0	222.0	238.0	278.0	303.0	300.0	316.0	289.0	248.7	216.4	194.0	264.0	316.0
	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	304.4	222.9	211.0	281.7	353.7
Projected	2017	285.4	263.9	230.8	267.9	305.3	330.9	335.1	344.6	321.2	296.5	223.7	211.8	285.4	344.6
	2018	286.5	264.9	231.7	268.9	306.5	332.1	336.3	345.9	322.4	297.6	225.3	213.4	286.5	345.9
	2019	288.6	266.8	233.4	270.8	308.7	334.5	338.7	348.4	324.7	299.7	227.5	215.4	288.6	348.4
	2020	291.3	269.3	235.6	273.4	311.6	337.7	342.0	351.7	327.9	302.6	229.1	217.0	291.3	351.7
	2021	293.4	271.3	237.3	275.4	313.9	340.2	344.5	354.2	330.2	304.8	231.5	219.2	293.4	354.2
	2022	296.5	274.0	239.8	278.2	317.1	343.6	348.0	357.9	333.6	307.9	234.0	221.6	296.5	357.9
	2023	299.7	277.1	242.4	281.3	320.6	347.5	351.9	361.8	337.3	311.3	237.0	224.4	299.7	361.8
	2024	303.6	280.6	245.5	284.9	324.7	351.9	356.4	366.5	341.6	315.3	239.5	226.7	303.6	366.5
	2025	306.7	283.5	248.0	287.8	328.0	355.5	360.0	370.2	345.1	318.5	242.3	229.4	306.7	370.2
Projected	2026	310.3	286.8	250.9	291.2	331.9	359.7	364.2	374.6	349.2	322.3	245.2	232.2	310.3	374.6
	2027	314.0	290.3	254.0	294.7	335.9	364.0	368.6	379.1	353.4	326.2	248.5	235.3	314.0	379.1
	2028	318.3	294.2	257.4	298.7	340.5	369.0	373.7	384.3	358.2	330.6	250.7	237.4	318.3	384.3
	2029	321.1	296.8	259.7	301.3	343.4	372.2	376.9	387.6	361.3	333.5	253.3	239.8	321.1	387.6
	2030	324.4	299.8	262.3	304.4	346.9	376.0	380.8	391.6	365.0	336.9	255.8	242.2	324.4	391.6
	2031	327.6	302.8	264.9	307.4	350.4	379.7	384.5	395.4	368.6	340.2	258.6	244.9	327.6	395.4
	2032	331.3	306.2	267.9	310.9	354.3	384.0	388.8	399.9	372.8	344.1	260.6	246.8	331.3	399.9
	2033	333.8	308.5	269.9	313.2	357.0	386.9	391.8	402.9	375.6	346.7	262.9	248.9	333.8	402.9
	2034	336.7	311.3	272.3	316.0	360.1	390.3	395.3	406.5	378.9	349.7	265.3	251.2	336.7	406.5
	2035	339.8	314.1	274.8	318.9	363.4	393.8	398.8	410.2	382.4	352.9	268.2	253.9	339.8	410.2
	2036	343.5	317.5	277.8	322.3	367.4	398.1	403.2	414.6	386.5	356.8	270.3	255.9	343.5	414.6

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	62.3%	57.7%	65.8%	46.3%	69.3%	64.0%	68.4%	68.1%	62.7%	62.9%	61.2%	71.4%	66.9%	51.3%
	2008	53.3%	67.3%	62.5%	61.2%	70.9%	62.6%	66.3%	62.4%	66.5%	62.1%	59.1%	70.6%	61.6%	51.4%
	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%
Projected	2016	59.8%	58.2%	58.2%	53.6%	66.4%	61.4%	68.7%	63.0%	64.8%	57.6%	63.9%	75.2%	63.8%	50.8%
	2017	55.3%	57.4%	64.2%	56.6%	66.3%	60.0%	67.2%	63.8%	62.3%	58.9%	63.6%	74.5%	61.8%	51.2%
	2018	54.9%	57.1%	63.9%	56.4%	66.2%	60.0%	67.3%	64.0%	62.5%	59.0%	63.6%	74.5%	61.8%	51.2%
	2019	54.9%	57.1%	63.9%	56.4%	66.2%	60.0%	67.3%	64.0%	62.5%	59.0%	63.5%	74.3%	61.8%	51.2%
	2020	54.8%	56.4%	63.8%	56.3%	66.1%	59.9%	67.2%	63.9%	62.4%	59.0%	63.5%	74.4%	61.8%	51.2%
	2021	54.9%	57.1%	63.8%	56.3%	66.2%	60.0%	67.3%	64.1%	62.5%	59.1%	63.5%	74.3%	61.8%	51.2%
	2022	54.9%	57.1%	63.8%	56.3%	66.1%	60.0%	67.3%	64.1%	62.6%	59.1%	63.4%	74.3%	61.8%	51.2%
	2023	54.9%	57.1%	63.8%	56.3%	66.1%	60.0%	67.3%	64.1%	62.6%	59.1%	63.3%	74.2%	61.8%	51.2%
	2024	54.8%	56.4%	63.6%	56.2%	66.0%	59.9%	67.2%	64.1%	62.5%	59.0%	63.4%	74.2%	61.8%	51.2%
Avg.	2007-2016	57.9%	59.5%	61.9%	57.6%	67.6%	60.9%	67.2%	64.2%	63.6%	58.9%	59.6%	68.6%	61.8%	51.2%
	2017-2026	54.9%	57.0%	63.8%	56.3%	66.1%	60.0%	67.2%	64.1%	62.5%	59.0%	63.4%	74.3%	61.8%	51.2%

FMPA 2017 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)				
		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	2007	1,453,502	-	1,454,708	-	0.1%	250.0	-	264.4	-	5.8%	321.0	-	321.6		0.2%
	2008	1,448,820	-0.3%	1,458,955	0.3%	0.7%	264.0	5.6%	258.7	-2.2%	-2.0%	310.0	-3.4%	315.0	-2.0%	1.6%
	2009	1,390,670	-4.0%	1,384,450	-5.1%	-0.4%	275.7	4.4%	254.8	-1.5%	-7.6%	312.1	0.7%	315.1	0.0%	1.0%
	2010	1,430,141	2.8%	1,360,708	-1.7%	-4.9%	314.4	14.0%	277.8	9.0%	-11.6%	303.2	-2.9%	304.0	-3.5%	0.3%
	2011	1,410,602	-1.4%	1,361,279	0.0%	-3.5%	297.8	-5.3%	288.0	3.7%	-3.3%	316.0	4.2%	313.1	3.0%	-0.9%
	2012	1,384,319	-1.9%	1,393,962	2.4%	0.7%	245.8	-17.5%	248.7	-13.6%	1.1%	302.6	-4.2%	334.8	6.9%	10.6%
	2013	1,393,491	0.7%	1,397,613	0.3%	0.3%	242.8	-1.2%	231.3	-7.0%	-4.7%	306.8	1.4%	326.7	-2.4%	6.5%
	2014	1,442,316	3.5%	1,419,121	1.5%	-1.6%	241.4	-0.6%	289.9	25.4%	20.1%	326.9	6.5%	320.5	-1.9%	-2.0%
	2015	1,508,124	4.6%	1,460,526	2.9%	-3.2%	264.5	9.6%	239.7	-17.3%	-9.4%	330.5	1.1%	340.2	6.1%	2.9%
	2016	1,585,494	5.1%	1,522,068	4.2%	-4.0%	250.9	-5.2%	260.4	8.6%	3.8%	353.7	7.0%	350.6	3.1%	-0.9%
Projected	2017	1,566,576	-1.2%	1,566,576	2.9%		278.7	11.1%	278.7	7.0%		349.8	-1.1%	349.8	-0.3%	
	2018			1,618,479	3.3%				287.9	3.3%				361.2	3.3%	
	2019			1,663,732	2.8%				295.7	2.7%				371.0	2.7%	
	2020			1,709,912	2.8%				303.8	2.8%				381.3	2.8%	
	2021			1,751,243	2.4%				311.2	2.4%				390.5	2.4%	
	2022			1,797,362	2.6%				319.4	2.6%				400.8	2.6%	
	2023			1,843,401	2.6%				327.5	2.5%				410.9	2.5%	
	2024			1,891,453	2.6%				336.0	2.6%				421.6	2.6%	
	2025			1,933,879	2.2%				343.5	2.2%				431.0	2.2%	
	2026			1,979,022	2.3%				351.5	2.3%				441.0	2.3%	
	2027			2,024,698	2.3%				359.6	2.3%				451.2	2.3%	
	2028			2,075,064	2.5%				368.4	2.5%				462.3	2.5%	
	2029			2,115,494	1.9%				375.4	1.9%				471.1	1.9%	
	2030			2,157,953	2.0%				383.0	2.0%				480.6	2.0%	
	2031			2,200,753	2.0%				390.5	2.0%				490.0	2.0%	
	2032			2,246,594	2.1%				398.6	2.1%				500.2	2.1%	
	2033			2,284,129	1.7%				405.2	1.7%				508.4	1.7%	
	2034			2,324,767	1.8%				412.4	1.8%				517.5	1.8%	
	2035			2,366,247	1.8%				419.7	1.8%				526.7	1.8%	
	2036			2,412,729	2.0%				428.0	2.0%				537.1	2.0%	
CAGR ^[3]	2007-2016		1.0%		0.5%			0.0%		-0.2%			1.1%		1.0%	
	2017-2026				2.6%					2.6%					2.6%	
	2027-2036				2.0%					2.0%					2.0%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	1,453,502	-	1,454,708	-	0.1%	250.0	-	66.4%	326.0	-	50.9%
	2008	1,448,820	-0.3%	1,458,955	0.3%	0.7%	264.0	5.6%	62.6%	316.0	-3.1%	52.3%
	2009	1,390,670	-4.0%	1,384,450	-5.1%	-0.4%	277.1	4.9%	57.3%	316.5	0.2%	50.2%
	2010	1,430,141	2.8%	1,360,708	-1.7%	-4.9%	315.4	13.8%	51.8%	311.6	-1.5%	52.4%
	2011	1,410,602	-1.4%	1,361,279	0.0%	-3.5%	297.8	-5.6%	54.1%	316.0	1.4%	51.0%
	2012	1,384,319	-1.9%	1,393,962	2.4%	0.7%	246.5	-17.2%	64.1%	310.4	-1.8%	50.9%
	2013	1,393,491	0.7%	1,397,613	0.3%	0.3%	242.8	-1.5%	65.5%	314.1	1.2%	50.6%
	2014	1,442,316	3.5%	1,419,121	1.5%	-1.6%	250.2	3.0%	65.8%	326.9	4.1%	50.4%
	2015	1,508,124	4.6%	1,460,526	2.9%	-3.2%	264.5	5.7%	65.1%	334.8	2.4%	51.4%
	2016	1,585,494	5.1%	1,522,068	4.2%	-4.0%	281.7	6.5%	64.2%	353.7	5.6%	51.2%
Projected	2017	1,566,576	-1.2%	1,566,576	2.9%		291.5	3.5%	61.4%	351.8	-0.5%	50.8%
	2018	1,618,479	3.3%	1,618,479	3.3%		301.0	3.3%	61.4%	363.4	3.3%	50.8%
	2019	1,663,732	2.8%	1,663,732	2.8%		309.2	2.7%	61.4%	373.2	2.7%	50.9%
	2020	1,709,912	2.8%	1,709,912	2.8%		317.7	2.8%	61.4%	383.5	2.8%	50.9%
	2021	1,751,243	2.4%	1,751,243	2.4%		325.4	2.4%	61.4%	392.8	2.4%	50.9%
	2022	1,797,362	2.6%	1,797,362	2.6%		334.0	2.6%	61.4%	403.2	2.6%	50.9%
	2023	1,843,401	2.6%	1,843,401	2.6%		342.4	2.5%	61.5%	413.4	2.5%	50.9%
	2024	1,891,453	2.6%	1,891,453	2.6%		351.3	2.6%	61.5%	424.1	2.6%	50.9%
	2025	1,933,879	2.2%	1,933,879	2.2%		359.2	2.2%	61.5%	433.6	2.2%	50.9%
	2026	1,979,022	2.3%	1,979,022	2.3%		367.5	2.3%	61.5%	443.7	2.3%	50.9%
	2027	2,024,698	2.3%	2,024,698	2.3%		376.0	2.3%	61.5%	453.9	2.3%	50.9%
	2028	2,075,064	2.5%	2,075,064	2.5%		385.3	2.5%	61.5%	465.1	2.5%	50.9%
	2029	2,115,494	1.9%	2,115,494	1.9%		392.6	1.9%	61.5%	473.9	1.9%	51.0%
	2030	2,157,953	2.0%	2,157,953	2.0%		400.5	2.0%	61.5%	483.4	2.0%	51.0%
	2031	2,200,753	2.0%	2,200,753	2.0%		408.4	2.0%	61.5%	493.0	2.0%	51.0%
	2032	2,246,594	2.1%	2,246,594	2.1%		416.8	2.1%	61.5%	503.1	2.1%	51.0%
	2033	2,284,129	1.7%	2,284,129	1.7%		423.7	1.7%	61.5%	511.5	1.7%	51.0%
	2034	2,324,767	1.8%	2,324,767	1.8%		431.2	1.8%	61.5%	520.5	1.8%	51.0%
	2035	2,366,247	1.8%	2,366,247	1.8%		438.9	1.8%	61.5%	529.8	1.8%	51.0%
	2036	2,412,729	2.0%	2,412,729	2.0%		447.5	2.0%	61.5%	540.3	2.0%	51.0%
CAGR ^[1]	2007-2016		1.0%		0.5%			1.3%	61.7%		0.9%	51.1%
	2017-2026		2.6%		2.6%			2.6%	61.4%		2.6%	50.9%
	2027-2036		2.0%		2.0%			2.0%	61.5%		2.0%	51.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Mild Weather 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)				
		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	2007	1,453,502	-	1,454,708	-	0.1%	250.0	-	264.4	-	5.8%	321.0	-	321.6		0.2%
	2008	1,448,820	-0.3%	1,458,955	0.3%	0.7%	264.0	5.6%	258.7	-2.2%	-2.0%	310.0	-3.4%	315.0	-2.0%	1.6%
	2009	1,390,670	-4.0%	1,384,450	-5.1%	-0.4%	275.7	4.4%	254.8	-1.5%	-7.6%	312.1	0.7%	315.1	0.0%	1.0%
	2010	1,430,141	2.8%	1,360,708	-1.7%	-4.9%	314.4	14.0%	277.8	9.0%	-11.6%	303.2	-2.9%	304.0	-3.5%	0.3%
	2011	1,410,602	-1.4%	1,361,279	0.0%	-3.5%	297.8	-5.3%	288.0	3.7%	-3.3%	316.0	4.2%	313.1	3.0%	-0.9%
	2012	1,384,319	-1.9%	1,393,962	2.4%	0.7%	245.8	-17.5%	248.7	-13.6%	1.1%	302.6	-4.2%	334.8	6.9%	10.6%
	2013	1,393,491	0.7%	1,397,613	0.3%	0.3%	242.8	-1.2%	231.3	-7.0%	-4.7%	306.8	1.4%	326.7	-2.4%	6.5%
	2014	1,442,316	3.5%	1,419,121	1.5%	-1.6%	241.4	-0.6%	289.9	25.4%	20.1%	326.9	6.5%	320.5	-1.9%	-2.0%
	2015	1,508,124	4.6%	1,460,526	2.9%	-3.2%	264.5	9.6%	239.7	-17.3%	-9.4%	330.5	1.1%	340.2	6.1%	2.9%
	2016	1,585,494	5.1%	1,522,068	4.2%	-4.0%	250.9	-5.2%	260.4	8.6%	3.8%	353.7	7.0%	350.6	3.1%	-0.9%
Projected	2017	1,501,860	-5.3%	1,501,860	-1.3%		266.2	6.1%	266.2	2.2%		334.0	-5.6%	334.0	-4.7%	
	2018			1,527,157	1.7%				271.1	1.8%				340.2	1.8%	
	2019			1,554,312	1.8%				275.8	1.7%				346.1	1.7%	
	2020			1,583,973	1.9%				281.1	1.9%				352.7	1.9%	
	2021			1,609,151	1.6%				285.6	1.6%				358.4	1.6%	
	2022			1,638,658	1.8%				290.9	1.9%				365.0	1.9%	
	2023			1,669,415	1.9%				296.4	1.9%				371.9	1.9%	
	2024			1,702,788	2.0%				302.2	2.0%				379.3	2.0%	
	2025			1,730,864	1.6%				307.2	1.7%				385.5	1.7%	
	2026			1,762,097	1.8%				312.8	1.8%				392.5	1.8%	
	2027			1,793,859	1.8%				318.4	1.8%				399.6	1.8%	
	2028			1,829,526	2.0%				324.7	2.0%				407.4	2.0%	
	2029			1,856,446	1.5%				329.3	1.4%				413.3	1.4%	
	2030			1,885,508	1.6%				334.5	1.6%				419.7	1.6%	
	2031			1,914,694	1.5%				339.6	1.5%				426.2	1.5%	
	2032			1,946,572	1.7%				345.2	1.6%				433.2	1.6%	
	2033			1,971,264	1.3%				349.6	1.3%				438.7	1.3%	
	2034			1,998,705	1.4%				354.4	1.4%				444.8	1.4%	
	2035			2,026,708	1.4%				359.4	1.4%				451.0	1.4%	
	2036			2,058,862	1.6%				365.1	1.6%				458.2	1.6%	
CAGR ^[3]	2007-2016		1.0%		0.5%			0.0%		-0.2%			1.1%		1.0%	
	2017-2026				1.8%					1.8%					1.8%	
	2027-2036				1.5%					1.5%					1.5%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	1,453,502	-	1,454,708	-	0.1%	250.0	-	66.4%	326.0	-	50.9%
	2008	1,448,820	-0.3%	1,458,955	0.3%	0.7%	264.0	5.6%	62.6%	316.0	-3.1%	52.3%
	2009	1,390,670	-4.0%	1,384,450	-5.1%	-0.4%	277.1	4.9%	57.3%	316.5	0.2%	50.2%
	2010	1,430,141	2.8%	1,360,708	-1.7%	-4.9%	315.4	13.8%	51.8%	311.6	-1.5%	52.4%
	2011	1,410,602	-1.4%	1,361,279	0.0%	-3.5%	297.8	-5.6%	54.1%	316.0	1.4%	51.0%
	2012	1,384,319	-1.9%	1,393,962	2.4%	0.7%	246.5	-17.2%	64.1%	310.4	-1.8%	50.9%
	2013	1,393,491	0.7%	1,397,613	0.3%	0.3%	242.8	-1.5%	65.5%	314.1	1.2%	50.6%
	2014	1,442,316	3.5%	1,419,121	1.5%	-1.6%	250.2	3.0%	65.8%	326.9	4.1%	50.4%
	2015	1,508,124	4.6%	1,460,526	2.9%	-3.2%	264.5	5.7%	65.1%	334.8	2.4%	51.4%
	2016	1,585,494	5.1%	1,522,068	4.2%	-4.0%	281.7	6.5%	64.2%	353.7	5.6%	51.2%
Projected	2017	1,501,860	-5.3%	1,501,860	-1.3%		278.4	-1.2%	61.6%	336.0	-5.0%	51.0%
	2018	1,527,157	1.7%	1,527,157	1.7%		283.5	1.8%	61.5%	342.2	1.8%	50.9%
	2019	1,554,312	1.8%	1,554,312	1.8%		288.4	1.7%	61.5%	348.2	1.7%	51.0%
	2020	1,583,973	1.9%	1,583,973	1.9%		294.0	1.9%	61.5%	354.8	1.9%	51.0%
	2021	1,609,151	1.6%	1,609,151	1.6%		298.7	1.6%	61.5%	360.5	1.6%	51.0%
	2022	1,638,658	1.8%	1,638,658	1.8%		304.2	1.9%	61.5%	367.2	1.9%	50.9%
	2023	1,669,415	1.9%	1,669,415	1.9%		309.9	1.9%	61.5%	374.1	1.9%	50.9%
	2024	1,702,788	2.0%	1,702,788	2.0%		316.0	2.0%	61.5%	381.5	2.0%	51.0%
	2025	1,730,864	1.6%	1,730,864	1.6%		321.3	1.7%	61.5%	387.8	1.7%	50.9%
	2026	1,762,097	1.8%	1,762,097	1.8%		327.1	1.8%	61.5%	394.8	1.8%	51.0%
	2027	1,793,859	1.8%	1,793,859	1.8%		333.0	1.8%	61.5%	401.9	1.8%	50.9%
	2028	1,829,526	2.0%	1,829,526	2.0%		339.5	2.0%	61.5%	409.8	2.0%	51.0%
	2029	1,856,446	1.5%	1,856,446	1.5%		344.4	1.4%	61.5%	415.7	1.4%	51.0%
	2030	1,885,508	1.6%	1,885,508	1.6%		349.8	1.6%	61.5%	422.2	1.6%	51.0%
	2031	1,914,694	1.5%	1,914,694	1.5%		355.2	1.5%	61.5%	428.7	1.5%	51.0%
	2032	1,946,572	1.7%	1,946,572	1.7%		361.0	1.6%	61.6%	435.8	1.6%	51.0%
	2033	1,971,264	1.3%	1,971,264	1.3%		365.5	1.3%	61.6%	441.3	1.3%	51.0%
	2034	1,998,705	1.4%	1,998,705	1.4%		370.6	1.4%	61.6%	447.4	1.4%	51.0%
	2035	2,026,708	1.4%	2,026,708	1.4%		375.8	1.4%	61.6%	453.7	1.4%	51.0%
	2036	2,058,862	1.6%	2,058,862	1.6%		381.8	1.6%	61.6%	460.9	1.6%	51.0%
CAGR ^[1]	2007-2016		1.0%		0.5%			1.3%	61.7%		0.9%	51.1%
	2017-2026		1.8%		1.8%			1.8%	61.5%		1.8%	51.0%
	2027-2036		1.5%		1.5%			1.5%	61.5%		1.5%	51.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Severe Weather 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)				
		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	2007	1,453,502	-	1,454,708	-	0.1%	250.0	-	264.4	-	5.8%	321.0	-	321.6		0.2%
	2008	1,448,820	-0.3%	1,458,955	0.3%	0.7%	264.0	5.6%	258.7	-2.2%	-2.0%	310.0	-3.4%	315.0	-2.0%	1.6%
	2009	1,390,670	-4.0%	1,384,450	-5.1%	-0.4%	275.7	4.4%	254.8	-1.5%	-7.6%	312.1	0.7%	315.1	0.0%	1.0%
	2010	1,430,141	2.8%	1,360,708	-1.7%	-4.9%	314.4	14.0%	277.8	9.0%	-11.6%	303.2	-2.9%	304.0	-3.5%	0.3%
	2011	1,410,602	-1.4%	1,361,279	0.0%	-3.5%	297.8	-5.3%	288.0	3.7%	-3.3%	316.0	4.2%	313.1	3.0%	-0.9%
	2012	1,384,319	-1.9%	1,393,962	2.4%	0.7%	245.8	-17.5%	248.7	-13.6%	1.1%	302.6	-4.2%	334.8	6.9%	10.6%
	2013	1,393,491	0.7%	1,397,613	0.3%	0.3%	242.8	-1.2%	231.3	-7.0%	-4.7%	306.8	1.4%	326.7	-2.4%	6.5%
	2014	1,442,316	3.5%	1,419,121	1.5%	-1.6%	241.4	-0.6%	289.9	25.4%	20.1%	326.9	6.5%	320.5	-1.9%	-2.0%
	2015	1,508,124	4.6%	1,460,526	2.9%	-3.2%	264.5	9.6%	239.7	-17.3%	-9.4%	330.5	1.1%	340.2	6.1%	2.9%
	2016	1,585,494	5.1%	1,522,068	4.2%	-4.0%	250.9	-5.2%	260.4	8.6%	3.8%	353.7	7.0%	350.6	3.1%	-0.9%
Projected	2017	1,617,540	2.0%	1,617,540	6.3%		286.7	14.3%	286.7	10.1%		359.7	1.7%	359.7	2.6%	
	2018			1,646,819	1.8%				292.0	1.9%				366.4	1.9%	
	2019			1,676,366	1.8%				297.1	1.8%				372.9	1.8%	
	2020			1,708,665	1.9%				302.9	1.9%				380.1	1.9%	
	2021			1,736,052	1.6%				307.8	1.6%				386.2	1.6%	
	2022			1,768,206	1.9%				313.5	1.9%				393.4	1.9%	
	2023			1,801,736	1.9%				319.5	1.9%				400.9	1.9%	
	2024			1,838,144	2.0%				325.9	2.0%				408.9	2.0%	
	2025			1,868,753	1.7%				331.3	1.7%				415.7	1.7%	
	2026			1,902,829	1.8%				337.3	1.8%				423.3	1.8%	
	2027			1,937,501	1.8%				343.5	1.8%				431.1	1.8%	
	2028			1,976,525	2.0%				350.3	2.0%				439.6	2.0%	
	2029			2,005,869	1.5%				355.4	1.4%				446.0	1.4%	
	2030			2,037,558	1.6%				361.0	1.6%				453.0	1.6%	
	2031			2,069,383	1.6%				366.6	1.6%				460.1	1.6%	
	2032			2,104,193	1.7%				372.7	1.7%				467.8	1.7%	
	2033			2,131,032	1.3%				377.5	1.3%				473.7	1.3%	
	2034			2,160,912	1.4%				382.7	1.4%				480.3	1.4%	
	2035			2,191,437	1.4%				388.2	1.4%				487.1	1.4%	
	2036			2,226,553	1.6%				394.4	1.6%				494.9	1.6%	
CAGR ^[3]	2007-2016		1.0%		0.5%			0.0%		-0.2%			1.1%		1.0%	
	2017-2026				1.8%					1.8%					1.8%	
	2027-2036				1.6%					1.5%					1.5%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

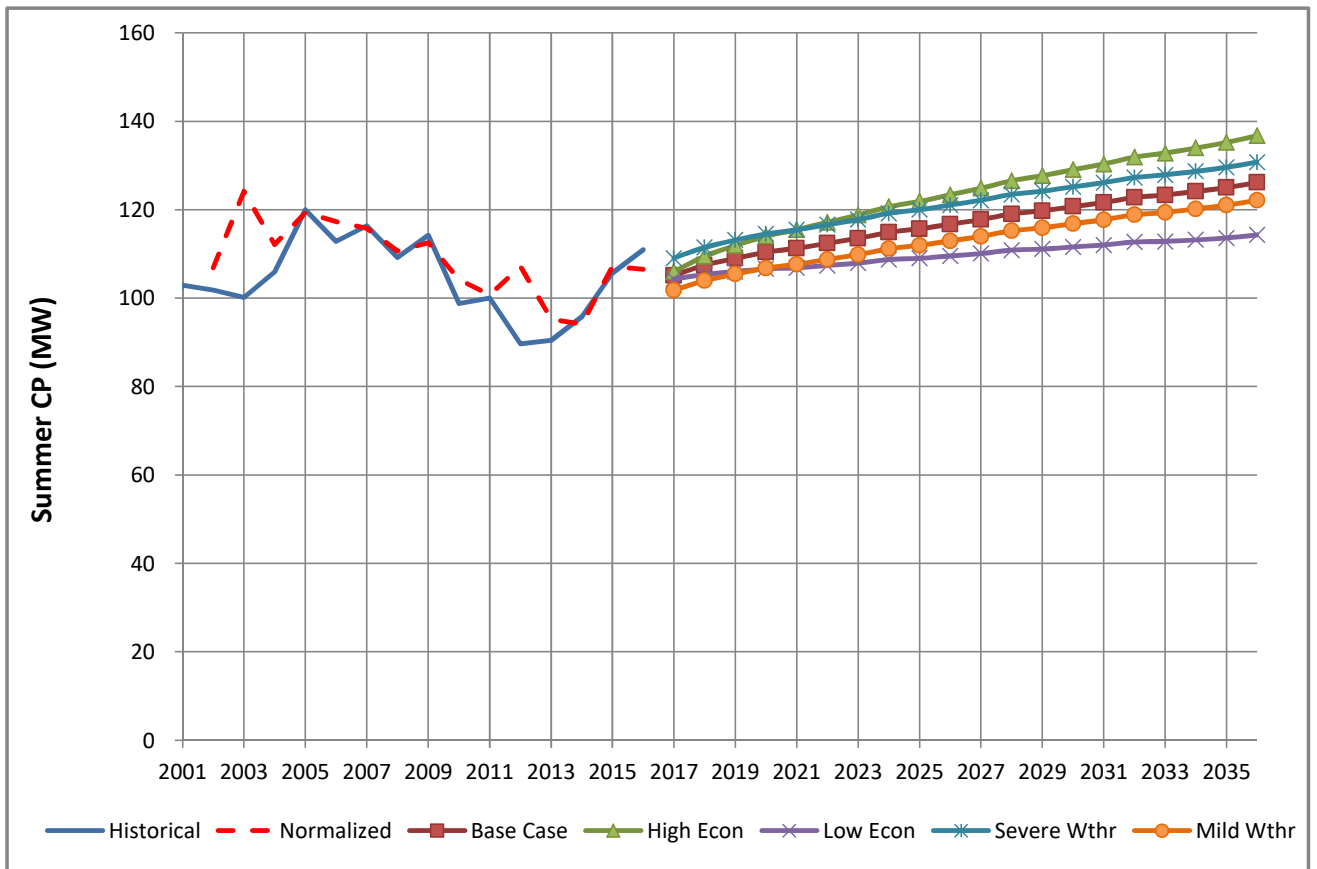
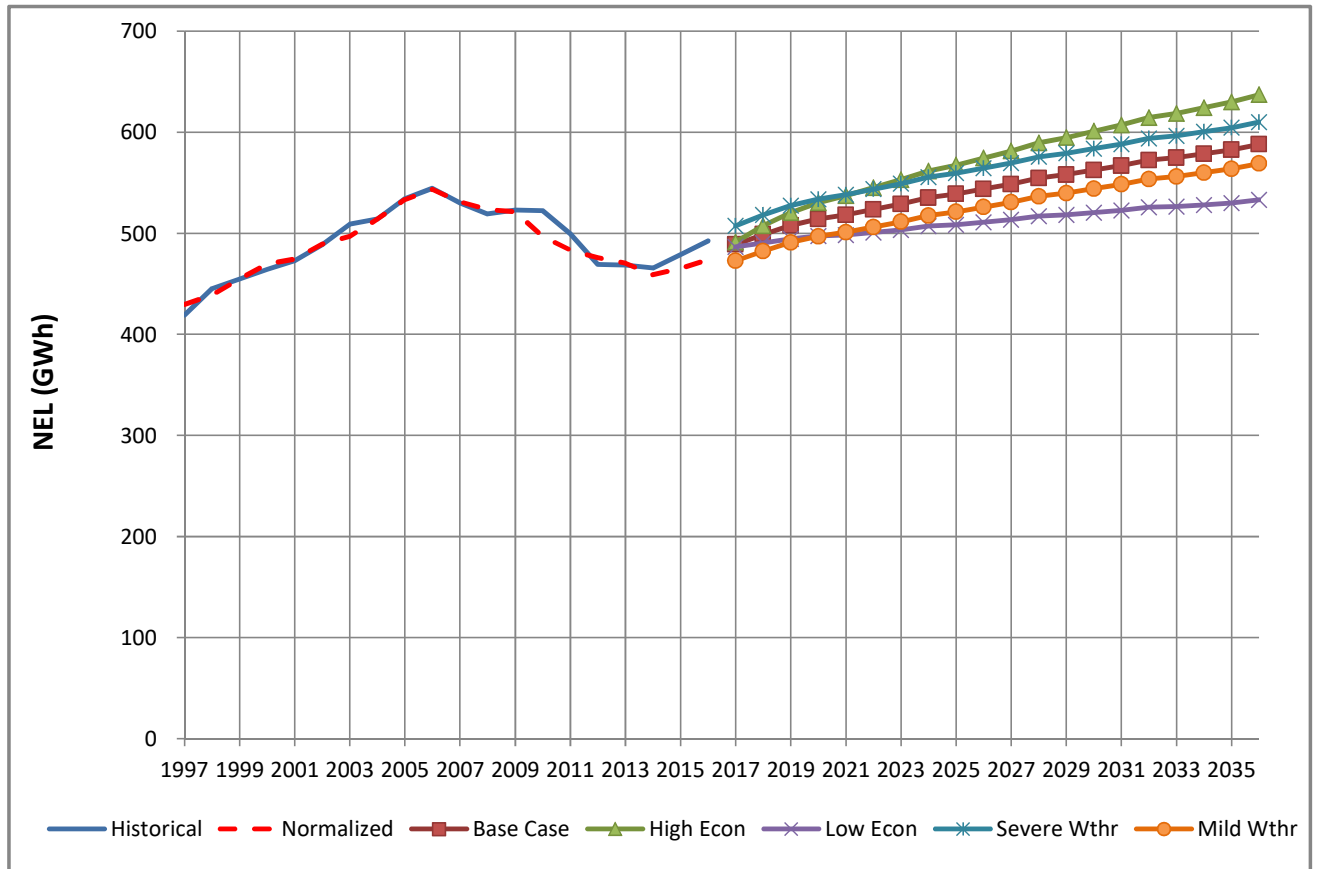
[3] CAGR - Compound Annual Growth Rate

FMPA 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	1,453,502	-	1,454,708	-	0.1%	250.0	-	66.4%	326.0	-	50.9%
	2008	1,448,820	-0.3%	1,458,955	0.3%	0.7%	264.0	5.6%	62.6%	316.0	-3.1%	52.3%
	2009	1,390,670	-4.0%	1,384,450	-5.1%	-0.4%	277.1	4.9%	57.3%	316.5	0.2%	50.2%
	2010	1,430,141	2.8%	1,360,708	-1.7%	-4.9%	315.4	13.8%	51.8%	311.6	-1.5%	52.4%
	2011	1,410,602	-1.4%	1,361,279	0.0%	-3.5%	297.8	-5.6%	54.1%	316.0	1.4%	51.0%
	2012	1,384,319	-1.9%	1,393,962	2.4%	0.7%	246.5	-17.2%	64.1%	310.4	-1.8%	50.9%
	2013	1,393,491	0.7%	1,397,613	0.3%	0.3%	242.8	-1.5%	65.5%	314.1	1.2%	50.6%
	2014	1,442,316	3.5%	1,419,121	1.5%	-1.6%	250.2	3.0%	65.8%	326.9	4.1%	50.4%
	2015	1,508,124	4.6%	1,460,526	2.9%	-3.2%	264.5	5.7%	65.1%	334.8	2.4%	51.4%
	2016	1,585,494	5.1%	1,522,068	4.2%	-4.0%	281.7	6.5%	64.2%	353.7	5.6%	51.2%
Projected	2017	1,617,540	2.0%	1,617,540	6.3%		299.8	6.4%	61.6%	361.9	2.3%	51.0%
	2018	1,646,819	1.8%	1,646,819	1.8%		305.3	1.9%	61.6%	368.6	1.9%	51.0%
	2019	1,676,366	1.8%	1,676,366	1.8%		310.7	1.8%	61.6%	375.1	1.8%	51.0%
	2020	1,708,665	1.9%	1,708,665	1.9%		316.7	1.9%	61.6%	382.3	1.9%	51.0%
	2021	1,736,052	1.6%	1,736,052	1.6%		321.8	1.6%	61.6%	388.5	1.6%	51.0%
	2022	1,768,206	1.9%	1,768,206	1.9%		327.8	1.9%	61.6%	395.8	1.9%	51.0%
	2023	1,801,736	1.9%	1,801,736	1.9%		334.1	1.9%	61.6%	403.3	1.9%	51.0%
	2024	1,838,144	2.0%	1,838,144	2.0%		340.8	2.0%	61.6%	411.4	2.0%	51.0%
	2025	1,868,753	1.7%	1,868,753	1.7%		346.4	1.7%	61.6%	418.2	1.7%	51.0%
	2026	1,902,829	1.8%	1,902,829	1.8%		352.7	1.8%	61.6%	425.8	1.8%	51.0%
	2027	1,937,501	1.8%	1,937,501	1.8%		359.2	1.8%	61.6%	433.6	1.8%	51.0%
	2028	1,976,525	2.0%	1,976,525	2.0%		366.4	2.0%	61.6%	442.3	2.0%	51.0%
	2029	2,005,869	1.5%	2,005,869	1.5%		371.7	1.4%	61.6%	448.7	1.4%	51.0%
	2030	2,037,558	1.6%	2,037,558	1.6%		377.5	1.6%	61.6%	455.7	1.6%	51.0%
	2031	2,069,383	1.6%	2,069,383	1.6%		383.4	1.6%	61.6%	462.8	1.6%	51.0%
	2032	2,104,193	1.7%	2,104,193	1.7%		389.8	1.7%	61.6%	470.5	1.7%	51.0%
	2033	2,131,032	1.3%	2,131,032	1.3%		394.7	1.3%	61.6%	476.5	1.3%	51.1%
	2034	2,160,912	1.4%	2,160,912	1.4%		400.2	1.4%	61.6%	483.1	1.4%	51.1%
	2035	2,191,437	1.4%	2,191,437	1.4%		405.9	1.4%	61.6%	490.0	1.4%	51.1%
	2036	2,226,553	1.6%	2,226,553	1.6%		412.4	1.6%	61.6%	497.9	1.6%	51.1%
CAGR ^[1]	2007-2016		1.0%		0.5%			1.3%	61.7%		0.9%	51.1%
	2017-2026		1.8%		1.8%			1.8%	61.6%		1.8%	51.0%
	2027-2036		1.6%		1.6%			1.5%	61.6%		1.5%	51.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast **Leesburg** Historical and Projected NEL and Annual Coincident Peak Demand



FMPA 2017 Load Forecast - Low 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)				
		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	2007	530,188	-	530,980	-	0.1%	93.7	-	108.4	-	15.7%	116.4	-	115.8	-	-0.5%
	2008	519,190	-2.1%	523,497	-1.4%	0.8%	103.2	10.1%	106.7	-1.6%	3.4%	109.2	-6.2%	110.7	-4.4%	1.4%
	2009	522,907	0.7%	520,996	-0.5%	-0.4%	116.5	12.9%	109.7	2.8%	-5.8%	114.2	4.6%	112.5	1.7%	-1.5%
	2010	522,333	-0.1%	496,772	-4.6%	-4.9%	108.3	-7.0%	95.8	-12.6%	-11.5%	98.8	-13.5%	104.2	-7.4%	5.5%
	2011	499,570	-4.4%	482,050	-3.0%	-3.5%	105.3	-2.8%	105.7	10.3%	0.4%	100.0	1.2%	98.8	-5.2%	-1.2%
	2012	469,153	-6.1%	473,127	-1.9%	0.8%	90.6	-14.0%	93.2	-11.8%	2.9%	89.7	-10.3%	107.2	8.5%	19.5%
	2013	468,646	-0.1%	470,437	-0.6%	0.4%	80.8	-10.8%	89.7	-3.8%	10.9%	90.5	0.9%	95.3	-11.1%	5.3%
	2014	465,764	-0.6%	459,016	-2.4%	-1.4%	89.4	10.5%	102.4	14.2%	14.6%	95.8	5.9%	94.1	-1.2%	-1.8%
	2015	478,866	2.8%	465,456	1.4%	-2.8%	100.1	12.0%	111.7	9.1%	11.6%	105.6	10.2%	107.1	13.8%	1.4%
	2016	492,572	2.9%	474,010	1.8%	-3.8%	90.9	-9.2%	97.4	-12.8%	7.1%	110.9	5.0%	106.5	-0.6%	-4.0%
Projected	2017	486,554	-1.2%	486,554	2.6%		95.8	5.4%	95.8	-1.6%		104.3	-5.9%	104.3	-2.0%	
	2018			490,414	0.8%				96.8	1.0%				105.4	1.0%	
	2019			494,541	0.8%				97.4	0.6%				106.0	0.6%	
	2020			497,202	0.5%				97.9	0.6%				106.6	0.6%	
	2021			498,335	0.2%				98.2	0.2%				106.9	0.2%	
	2022			500,779	0.5%				98.7	0.5%				107.4	0.5%	
	2023			503,341	0.5%				99.2	0.5%				107.9	0.5%	
	2024			507,082	0.7%				99.9	0.7%				108.7	0.7%	
	2025			508,371	0.3%				100.1	0.2%				109.0	0.2%	
	2026			510,820	0.5%				100.6	0.5%				109.5	0.5%	
	2027			513,345	0.5%				101.1	0.5%				110.1	0.5%	
	2028			516,997	0.7%				101.8	0.7%				110.9	0.7%	
	2029			518,154	0.2%				102.1	0.2%				111.1	0.2%	
	2030			520,453	0.4%				102.5	0.4%				111.6	0.4%	
	2031			522,588	0.4%				102.9	0.4%				112.0	0.4%	
	2032			525,713	0.6%				103.5	0.6%				112.7	0.6%	
	2033			526,309	0.1%				103.6	0.1%				112.8	0.1%	
	2034			528,096	0.3%				104.0	0.3%				113.2	0.3%	
	2035			529,964	0.4%				104.4	0.4%				113.6	0.4%	
	2036			533,168	0.6%				105.0	0.6%				114.3	0.6%	
CAGR ^[3]	2007-2016		-0.8%		-1.3%			-0.3%		-1.2%			-0.5%		-0.9%	
	2017-2026				0.5%					0.5%					0.5%	
	2027-2036				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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	530,188	-	530,980	-	0.1%	95.6	-	63.3%	117.5	-	51.5%
	2008	519,190	-2.1%	523,497	-1.4%	0.8%	103.2	7.9%	57.5%	113.0	-3.8%	52.4%
	2009	522,907	0.7%	520,996	-0.5%	-0.4%	118.0	14.4%	50.6%	114.2	1.0%	52.3%
	2010	522,333	-0.1%	496,772	-4.6%	-4.9%	111.0	-6.0%	53.7%	110.0	-3.7%	54.2%
	2011	499,570	-4.4%	482,050	-3.0%	-3.5%	106.8	-3.7%	53.4%	106.6	-3.0%	53.5%
	2012	469,153	-6.1%	473,127	-1.9%	0.8%	94.0	-11.9%	56.9%	100.5	-5.8%	53.3%
	2013	468,646	-0.1%	470,437	-0.6%	0.4%	84.5	-10.1%	63.3%	99.0	-1.4%	54.0%
	2014	465,764	-0.6%	459,016	-2.4%	-1.4%	91.2	8.0%	58.3%	100.0	1.0%	53.2%
	2015	478,866	2.8%	465,456	1.4%	-2.8%	100.1	9.7%	54.6%	107.1	7.1%	51.0%
	2016	492,572	2.9%	474,010	1.8%	-3.8%	91.8	-8.3%	61.3%	110.9	3.6%	50.7%
Projected	2017	486,554	-1.2%	486,554	2.6%		99.0	7.9%	56.1%	106.6	-3.9%	52.1%
	2018	490,414	0.8%	490,414	0.8%		100.0	1.0%	56.0%	107.7	1.0%	52.0%
	2019	494,541	0.8%	494,541	0.8%		100.6	0.6%	56.1%	108.3	0.6%	52.1%
	2020	497,202	0.5%	497,202	0.5%		101.2	0.6%	56.1%	108.9	0.6%	52.1%
	2021	498,335	0.2%	498,335	0.2%		101.4	0.2%	56.1%	109.2	0.2%	52.1%
	2022	500,779	0.5%	500,779	0.5%		101.9	0.5%	56.1%	109.7	0.5%	52.1%
	2023	503,341	0.5%	503,341	0.5%		102.4	0.5%	56.1%	110.3	0.5%	52.1%
	2024	507,082	0.7%	507,082	0.7%		103.2	0.7%	56.1%	111.1	0.7%	52.1%
	2025	508,371	0.3%	508,371	0.3%		103.4	0.2%	56.1%	111.4	0.2%	52.1%
	2026	510,820	0.5%	510,820	0.5%		104.0	0.5%	56.1%	111.9	0.5%	52.1%
	2027	513,345	0.5%	513,345	0.5%		104.5	0.5%	56.1%	112.5	0.5%	52.1%
	2028	516,997	0.7%	516,997	0.7%		105.2	0.7%	56.1%	113.3	0.7%	52.1%
	2029	518,154	0.2%	518,154	0.2%		105.4	0.2%	56.1%	113.5	0.2%	52.1%
	2030	520,453	0.4%	520,453	0.4%		105.9	0.4%	56.1%	114.0	0.4%	52.1%
	2031	522,588	0.4%	522,588	0.4%		106.3	0.4%	56.1%	114.5	0.4%	52.1%
	2032	525,713	0.6%	525,713	0.6%		106.9	0.6%	56.1%	115.2	0.6%	52.1%
	2033	526,309	0.1%	526,309	0.1%		107.1	0.1%	56.1%	115.3	0.1%	52.1%
	2034	528,096	0.3%	528,096	0.3%		107.4	0.3%	56.1%	115.7	0.3%	52.1%
	2035	529,964	0.4%	529,964	0.4%		107.8	0.4%	56.1%	116.1	0.4%	52.1%
	2036	533,168	0.6%	533,168	0.6%		108.5	0.6%	56.1%	116.8	0.6%	52.1%
CAGR ^[1]	2007-2016		-0.8%		-1.3%			-0.4%	57.3%		-0.6%	52.6%
	2017-2026		0.5%		0.5%			0.5%	56.1%		0.5%	52.1%
	2027-2036		0.4%		0.4%			0.4%	56.1%		0.4%	52.1%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Low Economic Case
Leesburg
Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	94.7	95.6	80.8	87.7	97.7	108.1	113.8	117.5	109.0	102.5	73.6	78.0	95.6	117.5
	2008	103.2	88.2	76.4	85.0	97.9	113.0	109.7	109.3	105.6	93.8	82.6	90.7	103.2	113.0
	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	94.5	66.6	73.1	91.8	110.9
Projected	2017	99.0	91.7	79.7	82.5	95.2	103.6	101.3	106.6	99.3	90.8	67.3	73.8	99.0	106.6
	2018	100.0	92.6	80.5	83.3	96.1	104.7	102.3	107.7	100.3	91.7	67.7	74.2	100.0	107.7
	2019	100.6	93.1	81.0	83.8	96.7	105.3	102.9	108.3	100.9	92.2	68.1	74.7	100.6	108.3
	2020	101.2	93.7	81.4	84.3	97.2	105.9	103.5	108.9	101.5	92.8	68.2	74.9	101.2	108.9
	2021	101.4	93.9	81.6	84.5	97.5	106.1	103.8	109.2	101.8	93.0	68.6	75.2	101.4	109.2
	2022	101.9	94.4	82.0	84.9	97.9	106.7	104.3	109.7	102.3	93.5	68.9	75.6	101.9	109.7
	2023	102.4	94.8	82.5	85.3	98.4	107.2	104.8	110.3	102.8	93.9	69.4	76.2	102.4	110.3
	2024	103.2	95.5	83.1	86.0	99.2	108.0	105.6	111.1	103.5	94.6	69.6	76.4	103.2	111.1
	2025	103.4	95.8	83.3	86.2	99.4	108.3	105.9	111.4	103.8	94.9	69.9	76.7	103.4	111.4
Projected	2026	104.0	96.3	83.7	86.6	99.9	108.8	106.4	111.9	104.3	95.3	70.3	77.1	104.0	111.9
	2027	104.5	96.7	84.1	87.0	100.4	109.3	106.9	112.5	104.8	95.8	70.8	77.7	104.5	112.5
	2028	105.2	97.4	84.7	87.6	101.1	110.1	107.7	113.3	105.6	96.5	70.9	77.8	105.2	113.3
	2029	105.4	97.6	84.9	87.8	101.3	110.4	107.9	113.5	105.8	96.7	71.2	78.2	105.4	113.5
	2030	105.9	98.1	85.2	88.2	101.8	110.8	108.4	114.0	106.3	97.1	71.5	78.5	105.9	114.0
	2031	106.3	98.4	85.6	88.6	102.2	111.3	108.8	114.5	106.7	97.5	71.9	78.9	106.3	114.5
	2032	106.9	99.0	86.1	89.1	102.8	111.9	109.4	115.2	107.3	98.1	72.0	79.0	106.9	115.2
	2033	107.1	99.1	86.2	89.2	102.9	112.1	109.6	115.3	107.4	98.2	72.3	79.3	107.1	115.3
	2034	107.4	99.5	86.5	89.5	103.3	112.4	109.9	115.7	107.8	98.5	72.5	79.6	107.4	115.7
	2035	107.8	99.8	86.8	89.8	103.6	112.8	110.3	116.1	108.2	98.9	73.0	80.1	107.8	116.1
	2036	108.5	100.4	87.3	90.4	104.3	113.5	111.0	116.8	108.8	99.5	73.1	80.2	108.5	116.8

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	56.4%	57.9%	64.2%	59.4%	68.3%	62.1%	65.3%	67.1%	63.5%	61.0%	65.1%	68.3%	63.5%	51.7%
	2008	50.0%	59.1%	65.8%	63.5%	71.7%	58.8%	63.7%	61.7%	64.9%	60.4%	59.5%	62.2%	57.3%	52.3%
	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%
Projected	2016	54.8%	52.7%	60.4%	54.2%	67.6%	62.2%	67.2%	64.4%	63.6%	56.3%	68.0%	70.2%	61.5%	50.9%
	2017	53.9%	54.0%	58.3%	58.8%	67.8%	60.4%	66.3%	62.9%	62.4%	58.8%	67.6%	69.9%	56.2%	52.2%
	2018	53.7%	53.9%	58.1%	58.6%	67.6%	60.2%	66.4%	63.0%	62.6%	59.1%	68.1%	70.4%	56.2%	52.2%
	2019	54.1%	54.1%	58.3%	58.7%	67.6%	60.3%	66.3%	62.9%	62.4%	58.9%	67.9%	70.2%	56.2%	52.2%
	2020	53.9%	53.9%	58.1%	58.5%	67.5%	60.1%	66.1%	62.7%	62.3%	58.8%	68.0%	70.3%	56.2%	52.2%
	2021	54.0%	54.1%	58.2%	58.7%	67.6%	60.2%	66.3%	62.9%	62.5%	58.9%	68.0%	70.3%	56.2%	52.2%
	2022	54.0%	54.1%	58.2%	58.7%	67.6%	60.2%	66.3%	62.9%	62.5%	58.9%	68.0%	70.3%	56.2%	52.2%
	2023	54.0%	54.1%	58.2%	58.7%	67.6%	60.2%	66.3%	62.9%	62.4%	58.9%	67.9%	70.2%	56.2%	52.2%
	2024	53.9%	53.9%	58.1%	58.5%	67.5%	60.1%	66.1%	62.7%	62.3%	58.8%	68.0%	70.4%	56.2%	52.2%
Avg.	2007-2016	56.2%	56.7%	63.1%	59.7%	69.6%	60.4%	66.1%	63.9%	63.4%	59.2%	63.3%	67.7%	57.2%	52.5%
	2017-2026	53.9%	54.0%	58.2%	58.6%	67.6%	60.2%	66.3%	62.9%	62.4%	58.9%	68.0%	70.3%	56.2%	52.2%

FMPA 2017 Load Forecast - Low Economic Case
Leesburg
Monthly Coincident-Peak Demand with ARP (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	94.7	93.7	77.0	87.4	97.7	108.1	113.7	116.4	109.0	100.9	73.6	70.3	93.7	116.4
	2008	103.2	88.2	76.4	81.6	92.8	113.0	109.7	109.2	105.6	90.0	76.7	90.7	103.2	109.2
	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	93.9	65.2	71.1	90.9	110.9
Projected	2017	95.8	89.9	74.2	81.6	92.6	98.9	99.4	104.3	97.4	90.3	65.9	71.8	95.8	104.3
	2018	96.8	90.8	75.0	82.4	93.5	99.9	100.4	105.4	98.4	91.2	66.2	72.2	96.8	105.4
	2019	97.4	91.3	75.4	82.9	94.1	100.5	101.0	106.0	99.0	91.7	66.6	72.6	97.4	106.0
	2020	97.9	91.9	75.8	83.4	94.6	101.0	101.5	106.6	99.5	92.2	66.8	72.8	97.9	106.6
	2021	98.2	92.1	76.0	83.6	94.8	101.3	101.8	106.9	99.8	92.5	67.1	73.1	98.2	106.9
	2022	98.7	92.5	76.4	84.0	95.3	101.8	102.3	107.4	100.3	92.9	67.5	73.5	98.7	107.4
	2023	99.2	93.0	76.8	84.4	95.8	102.3	102.8	107.9	100.8	93.4	68.0	74.1	99.2	107.9
	2024	99.9	93.7	77.4	85.0	96.5	103.1	103.6	108.7	101.5	94.1	68.1	74.2	99.9	108.7
	2025	100.1	93.9	77.6	85.2	96.7	103.3	103.8	109.0	101.8	94.3	68.5	74.6	100.1	109.0
Projected	2026	100.6	94.4	77.9	85.7	97.2	103.8	104.3	109.5	102.3	94.8	68.8	75.0	100.6	109.5
	2027	101.1	94.8	78.3	86.1	97.7	104.3	104.8	110.1	102.8	95.2	69.3	75.5	101.1	110.1
	2028	101.8	95.5	78.9	86.7	98.4	105.1	105.6	110.9	103.5	95.9	69.4	75.7	101.8	110.9
	2029	102.1	95.7	79.0	86.9	98.6	105.3	105.8	111.1	103.7	96.1	69.7	76.0	102.1	111.1
	2030	102.5	96.1	79.4	87.3	99.0	105.8	106.3	111.6	104.2	96.5	70.0	76.3	102.5	111.6
	2031	102.9	96.5	79.7	87.6	99.4	106.2	106.7	112.0	104.6	96.9	70.4	76.8	102.9	112.0
	2032	103.5	97.1	80.2	88.1	100.0	106.8	107.3	112.7	105.2	97.5	70.5	76.8	103.5	112.7
	2033	103.6	97.2	80.3	88.2	100.1	106.9	107.5	112.8	105.3	97.6	70.8	77.1	103.6	112.8
	2034	104.0	97.5	80.5	88.5	100.5	107.3	107.8	113.2	105.7	97.9	71.0	77.4	104.0	113.2
Projected	2035	104.4	97.9	80.8	88.8	100.8	107.7	108.2	113.6	106.1	98.3	71.4	77.9	104.4	113.6
	2036	105.0	98.5	81.3	89.4	101.4	108.3	108.9	114.3	106.7	98.9	71.5	78.0	105.0	114.3

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	100.0%	98.0%	95.4%	99.7%	100.0%	100.0%	99.9%	99.1%	100.0%	98.4%	100.0%	90.1%	98.0%	99.1%
	2008	100.0%	100.0%	100.0%	96.0%	94.8%	100.0%	100.0%	99.9%	100.0%	95.9%	92.8%	100.0%	100.0%	96.6%
	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%	99.4%	97.9%	97.2%	99.0%	100.0%
Projected	2017	96.8%	98.1%	93.1%	98.9%	97.3%	95.4%	98.1%	97.9%	98.1%	99.4%	97.9%	97.2%	96.8%	97.9%
	2018	96.8%	98.1%	93.1%	98.9%	97.3%	95.4%	98.1%	97.9%	98.1%	99.4%	97.9%	97.2%	96.8%	97.9%
	2019	96.8%	98.1%	93.1%	98.9%	97.3%	95.4%	98.1%	97.9%	98.1%	99.4%	97.9%	97.2%	96.8%	97.9%
	2020	96.8%	98.1%	93.1%	98.9%	97.3%	95.4%	98.1%	97.9%	98.1%	99.4%	97.9%	97.2%	96.8%	97.9%
	2021	96.8%	98.1%	93.1%	98.9%	97.3%	95.4%	98.1%	97.9%	98.1%	99.4%	97.9%	97.2%	96.8%	97.9%
	2022	96.8%	98.1%	93.1%	98.9%	97.3%	95.4%	98.1%	97.9%	98.1%	99.4%	97.9%	97.2%	96.8%	97.9%
	2023	96.8%	98.1%	93.1%	98.9%	97.3%	95.4%	98.1%	97.9%	98.1%	99.4%	97.9%	97.2%	96.8%	97.9%
	2024	96.8%	98.1%	93.1%	98.9%	97.3%	95.4%	98.1%	97.9%	98.1%	99.4%	97.9%	97.2%	96.8%	97.9%
	2025	96.8%	98.1%	93.1%	98.9%	97.3%	95.4%	98.1%	97.9%	98.1%	99.4%	97.9%	97.2%	96.8%	97.9%
Projected	2026	96.8%	98.1%	93.1%	98.9%	97.3%	95.4%	98.1%	97.9%	98.1%	99.4%	97.9%	97.2%	96.8%	97.9%
	2007-2016	98.6%	99.4%	94.6%	97.2%	96.5%	94.7%	95.9%	96.5%	96.6%	97.7%	94.5%	96.5%	98.2%	95.4%
	2017-2026	96.8%	98.1%	93.1%	98.9%	97.3%	95.4%	98.1%	97.9%	98.1%	99.4%	97.9%	97.2%	96.8%	97.9%

FMPA 2017 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)				
		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	2007	530,188	-	530,980	-	0.1%	93.7	-	108.4	-	15.7%	116.4	-	115.8	-	-0.5%
	2008	519,190	-2.1%	523,497	-1.4%	0.8%	103.2	10.1%	106.7	-1.6%	3.4%	109.2	-6.2%	110.7	-4.4%	1.4%
	2009	522,907	0.7%	520,996	-0.5%	-0.4%	116.5	12.9%	109.7	2.8%	-5.8%	114.2	4.6%	112.5	1.7%	-1.5%
	2010	522,333	-0.1%	496,772	-4.6%	-4.9%	108.3	-7.0%	95.8	-12.6%	-11.5%	98.8	-13.5%	104.2	-7.4%	5.5%
	2011	499,570	-4.4%	482,050	-3.0%	-3.5%	105.3	-2.8%	105.7	10.3%	0.4%	100.0	1.2%	98.8	-5.2%	-1.2%
	2012	469,153	-6.1%	473,127	-1.9%	0.8%	90.6	-14.0%	93.2	-11.8%	2.9%	89.7	-10.3%	107.2	8.5%	19.5%
	2013	468,646	-0.1%	470,437	-0.6%	0.4%	80.8	-10.8%	89.7	-3.8%	10.9%	90.5	0.9%	95.3	-11.1%	5.3%
	2014	465,764	-0.6%	459,016	-2.4%	-1.4%	89.4	10.5%	102.4	14.2%	14.6%	95.8	5.9%	94.1	-1.2%	-1.8%
	2015	478,866	2.8%	465,456	1.4%	-2.8%	100.1	12.0%	111.7	9.1%	11.6%	105.6	10.2%	107.1	13.8%	1.4%
	2016	492,572	2.9%	474,010	1.8%	-3.8%	90.9	-9.2%	97.4	-12.8%	7.1%	110.9	5.0%	106.5	-0.6%	-4.0%
Projected	2017	491,236	-0.3%	491,236	3.6%		97.3	7.1%	97.3	0.0%		106.0	-4.5%	106.0	-0.5%	
	2018			507,349	3.3%				100.6	3.3%				109.5	3.3%	
	2019			520,417	2.6%				102.8	2.2%				111.9	2.2%	
	2020			530,219	1.9%				104.7	1.9%				114.0	1.9%	
	2021			537,295	1.3%				106.1	1.3%				115.5	1.3%	
	2022			545,199	1.5%				107.6	1.5%				117.2	1.5%	
	2023			552,921	1.4%				109.1	1.4%				118.8	1.4%	
	2024			561,654	1.6%				110.8	1.6%				120.7	1.6%	
	2025			567,462	1.0%				112.0	1.0%				121.9	1.0%	
	2026			574,437	1.2%				113.3	1.2%				123.4	1.2%	
	2027			581,345	1.2%				114.7	1.2%				124.9	1.2%	
	2028			589,435	1.4%				116.3	1.4%				126.6	1.4%	
	2029			594,627	0.9%				117.3	0.9%				127.7	0.9%	
	2030			601,017	1.1%				118.5	1.1%				129.0	1.1%	
	2031			607,167	1.0%				119.7	1.0%				130.3	1.0%	
	2032			614,423	1.2%				121.2	1.2%				131.9	1.2%	
	2033			618,651	0.7%				122.0	0.7%				132.8	0.7%	
	2034			624,252	0.9%				123.1	0.9%				134.0	0.9%	
	2035			629,891	0.9%				124.2	0.9%				135.2	0.9%	
	2036			637,092	1.1%				125.6	1.1%				136.7	1.1%	
CAGR ^[3]	2007-2016		-0.8%		-1.3%			-0.3%		-1.2%			-0.5%		-0.9%	
	2017-2026				1.8%					1.7%					1.7%	
	2027-2036				1.0%					1.0%					1.0%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	530,188	-	530,980	-	0.1%	95.6	-	63.3%	117.5	-	51.5%
	2008	519,190	-2.1%	523,497	-1.4%	0.8%	103.2	7.9%	57.5%	113.0	-3.8%	52.4%
	2009	522,907	0.7%	520,996	-0.5%	-0.4%	118.0	14.4%	50.6%	114.2	1.0%	52.3%
	2010	522,333	-0.1%	496,772	-4.6%	-4.9%	111.0	-6.0%	53.7%	110.0	-3.7%	54.2%
	2011	499,570	-4.4%	482,050	-3.0%	-3.5%	106.8	-3.7%	53.4%	106.6	-3.0%	53.5%
	2012	469,153	-6.1%	473,127	-1.9%	0.8%	94.0	-11.9%	56.9%	100.5	-5.8%	53.3%
	2013	468,646	-0.1%	470,437	-0.6%	0.4%	84.5	-10.1%	63.3%	99.0	-1.4%	54.0%
	2014	465,764	-0.6%	459,016	-2.4%	-1.4%	91.2	8.0%	58.3%	100.0	1.0%	53.2%
	2015	478,866	2.8%	465,456	1.4%	-2.8%	100.1	9.7%	54.6%	107.1	7.1%	51.0%
	2016	492,572	2.9%	474,010	1.8%	-3.8%	91.8	-8.3%	61.3%	110.9	3.6%	50.7%
Projected	2017	491,236	-0.3%	491,236	3.6%		100.6	9.5%	55.8%	108.3	-2.4%	51.8%
	2018	507,349	3.3%	507,349	3.3%		103.9	3.3%	55.8%	111.8	3.3%	51.8%
	2019	520,417	2.6%	520,417	2.6%		106.2	2.2%	55.9%	114.3	2.2%	52.0%
	2020	530,219	1.9%	530,219	1.9%		108.2	1.9%	56.0%	116.5	1.9%	52.0%
	2021	537,295	1.3%	537,295	1.3%		109.6	1.3%	56.0%	118.0	1.3%	52.0%
	2022	545,199	1.5%	545,199	1.5%		111.2	1.5%	56.0%	119.7	1.5%	52.0%
	2023	552,921	1.4%	552,921	1.4%		112.7	1.4%	56.0%	121.4	1.4%	52.0%
	2024	561,654	1.6%	561,654	1.6%		114.5	1.6%	56.0%	123.3	1.6%	52.0%
	2025	567,462	1.0%	567,462	1.0%		115.7	1.0%	56.0%	124.5	1.0%	52.0%
	2026	574,437	1.2%	574,437	1.2%		117.1	1.2%	56.0%	126.1	1.2%	52.0%
	2027	581,345	1.2%	581,345	1.2%		118.5	1.2%	56.0%	127.6	1.2%	52.0%
	2028	589,435	1.4%	589,435	1.4%		120.1	1.4%	56.0%	129.3	1.4%	52.0%
	2029	594,627	0.9%	594,627	0.9%		121.2	0.9%	56.0%	130.5	0.9%	52.0%
	2030	601,017	1.1%	601,017	1.1%		122.5	1.1%	56.0%	131.9	1.1%	52.0%
	2031	607,167	1.0%	607,167	1.0%		123.7	1.0%	56.0%	133.2	1.0%	52.0%
	2032	614,423	1.2%	614,423	1.2%		125.2	1.2%	56.0%	134.8	1.2%	52.0%
	2033	618,651	0.7%	618,651	0.7%		126.0	0.7%	56.0%	135.7	0.7%	52.1%
	2034	624,252	0.9%	624,252	0.9%		127.2	0.9%	56.0%	136.9	0.9%	52.1%
	2035	629,891	0.9%	629,891	0.9%		128.3	0.9%	56.0%	138.1	0.9%	52.1%
	2036	637,092	1.1%	637,092	1.1%		129.8	1.1%	56.0%	139.7	1.1%	52.1%
CAGR ^[1]	2007-2016		-0.8%		-1.3%			-0.4%	57.3%		-0.6%	52.6%
	2017-2026		1.8%		1.8%			1.7%	55.9%		1.7%	51.9%
	2027-2036		1.0%		1.0%			1.0%	56.0%		1.0%	52.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Mild Weather 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	2007	530,188	-	530,980	-	0.1%	93.7	-	108.4	-	15.7%	116.4	-	115.8	-	-0.5%
	2008	519,190	-2.1%	523,497	-1.4%	0.8%	103.2	10.1%	106.7	-1.6%	3.4%	109.2	-6.2%	110.7	-4.4%	1.4%
	2009	522,907	0.7%	520,996	-0.5%	-0.4%	116.5	12.9%	109.7	2.8%	-5.8%	114.2	4.6%	112.5	1.7%	-1.5%
	2010	522,333	-0.1%	496,772	-4.6%	-4.9%	108.3	-7.0%	95.8	-12.6%	-11.5%	98.8	-13.5%	104.2	-7.4%	5.5%
	2011	499,570	-4.4%	482,050	-3.0%	-3.5%	105.3	-2.8%	105.7	10.3%	0.4%	100.0	1.2%	98.8	-5.2%	-1.2%
	2012	469,153	-6.1%	473,127	-1.9%	0.8%	90.6	-14.0%	93.2	-11.8%	2.9%	89.7	-10.3%	107.2	8.5%	19.5%
	2013	468,646	-0.1%	470,437	-0.6%	0.4%	80.8	-10.8%	89.7	-3.8%	10.9%	90.5	0.9%	95.3	-11.1%	5.3%
	2014	465,764	-0.6%	459,016	-2.4%	-1.4%	89.4	10.5%	102.4	14.2%	14.6%	95.8	5.9%	94.1	-1.2%	-1.8%
	2015	478,866	2.8%	465,456	1.4%	-2.8%	100.1	12.0%	111.7	9.1%	11.6%	105.6	10.2%	107.1	13.8%	1.4%
	2016	492,572	2.9%	474,010	1.8%	-3.8%	90.9	-9.2%	97.4	-12.8%	7.1%	110.9	5.0%	106.5	-0.6%	-4.0%
Projected	2017	472,882	-4.0%	472,882	-0.2%		93.5	2.8%	93.5	-4.0%		101.8	-8.3%	101.8	-4.4%	
	2018			482,494	2.0%				95.5	2.1%				103.9	2.1%	
	2019			490,830	1.7%				96.9	1.4%				105.4	1.4%	
	2020			497,015	1.3%				98.1	1.3%				106.8	1.3%	
	2021			501,118	0.8%				98.9	0.8%				107.7	0.8%	
	2022			506,272	1.0%				99.9	1.0%				108.8	1.0%	
	2023			511,382	1.0%				100.9	1.0%				109.8	1.0%	
	2024			517,621	1.2%				102.1	1.2%				111.2	1.2%	
	2025			521,205	0.7%				102.8	0.7%				111.9	0.7%	
	2026			525,947	0.9%				103.8	0.9%				113.0	0.9%	
	2027			530,678	0.9%				104.7	0.9%				114.0	0.9%	
	2028			536,560	1.1%				105.9	1.1%				115.2	1.1%	
	2029			539,792	0.6%				106.5	0.6%				115.9	0.6%	
	2030			544,214	0.8%				107.3	0.8%				116.8	0.8%	
	2031			548,404	0.8%				108.2	0.8%				117.7	0.8%	
	2032			553,638	1.0%				109.2	0.9%				118.8	0.9%	
	2033			556,143	0.5%				109.7	0.4%				119.4	0.4%	
	2034			559,924	0.7%				110.4	0.7%				120.2	0.7%	
	2035			563,740	0.7%				111.2	0.7%				121.0	0.7%	
	2036			569,024	0.9%				112.2	0.9%				122.1	0.9%	
CAGR ^[3]	2007-2016		-0.8%		-1.3%			-0.3%		-1.2%			-0.5%		-0.9%	
	2017-2026				1.2%					1.2%					1.2%	
	2027-2036				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

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

		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	2007	530,188	-	530,980	-	0.1%	95.6	-	63.3%	117.5	-	51.5%
	2008	519,190	-2.1%	523,497	-1.4%	0.8%	103.2	7.9%	57.5%	113.0	-3.8%	52.4%
	2009	522,907	0.7%	520,996	-0.5%	-0.4%	118.0	14.4%	50.6%	114.2	1.0%	52.3%
	2010	522,333	-0.1%	496,772	-4.6%	-4.9%	111.0	-6.0%	53.7%	110.0	-3.7%	54.2%
	2011	499,570	-4.4%	482,050	-3.0%	-3.5%	106.8	-3.7%	53.4%	106.6	-3.0%	53.5%
	2012	469,153	-6.1%	473,127	-1.9%	0.8%	94.0	-11.9%	56.9%	100.5	-5.8%	53.3%
	2013	468,646	-0.1%	470,437	-0.6%	0.4%	84.5	-10.1%	63.3%	99.0	-1.4%	54.0%
	2014	465,764	-0.6%	459,016	-2.4%	-1.4%	91.2	8.0%	58.3%	100.0	1.0%	53.2%
	2015	478,866	2.8%	465,456	1.4%	-2.8%	100.1	9.7%	54.6%	107.1	7.1%	51.0%
	2016	492,572	2.9%	474,010	1.8%	-3.8%	91.8	-8.3%	61.3%	110.9	3.6%	50.7%
Projected	2017	472,882	-4.0%	472,882	-0.2%		96.6	5.2%	55.9%	104.0	-6.3%	51.9%
	2018	482,494	2.0%	482,494	2.0%		98.7	2.1%	55.8%	106.2	2.1%	51.9%
	2019	490,830	1.7%	490,830	1.7%		100.1	1.4%	56.0%	107.7	1.4%	52.0%
	2020	497,015	1.3%	497,015	1.3%		101.3	1.3%	56.0%	109.1	1.3%	52.0%
	2021	501,118	0.8%	501,118	0.8%		102.2	0.8%	56.0%	110.0	0.8%	52.0%
	2022	506,272	1.0%	506,272	1.0%		103.2	1.0%	56.0%	111.1	1.0%	52.0%
	2023	511,382	1.0%	511,382	1.0%		104.3	1.0%	56.0%	112.2	1.0%	52.0%
	2024	517,621	1.2%	517,621	1.2%		105.5	1.2%	56.0%	113.6	1.2%	52.0%
	2025	521,205	0.7%	521,205	0.7%		106.2	0.7%	56.0%	114.4	0.7%	52.0%
	2026	525,947	0.9%	525,947	0.9%		107.2	0.9%	56.0%	115.4	0.9%	52.0%
	2027	530,678	0.9%	530,678	0.9%		108.2	0.9%	56.0%	116.4	0.9%	52.0%
	2028	536,560	1.1%	536,560	1.1%		109.3	1.1%	56.0%	117.7	1.1%	52.0%
	2029	539,792	0.6%	539,792	0.6%		110.0	0.6%	56.0%	118.4	0.6%	52.0%
	2030	544,214	0.8%	544,214	0.8%		110.9	0.8%	56.0%	119.4	0.8%	52.0%
	2031	548,404	0.8%	548,404	0.8%		111.7	0.8%	56.0%	120.3	0.8%	52.0%
	2032	553,638	1.0%	553,638	1.0%		112.8	0.9%	56.0%	121.4	0.9%	52.0%
	2033	556,143	0.5%	556,143	0.5%		113.3	0.4%	56.0%	122.0	0.4%	52.0%
	2034	559,924	0.7%	559,924	0.7%		114.1	0.7%	56.0%	122.8	0.7%	52.0%
	2035	563,740	0.7%	563,740	0.7%		114.8	0.7%	56.0%	123.6	0.7%	52.0%
	2036	569,024	0.9%	569,024	0.9%		115.9	0.9%	56.0%	124.8	0.9%	52.0%
CAGR ^[1]	2007-2016		-0.8%		-1.3%			-0.4%	57.3%		-0.6%	52.6%
	2017-2026		1.2%		1.2%			1.2%	56.0%		1.2%	52.0%
	2027-2036		0.8%		0.8%			0.8%	56.0%		0.8%	52.0%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 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
Historical	2007	530,188	-	530,980	-	0.1%	93.7	-	108.4	-	15.7%	116.4	-	115.8		-0.5%
	2008	519,190	-2.1%	523,497	-1.4%	0.8%	103.2	10.1%	106.7	-1.6%	3.4%	109.2	-6.2%	110.7	-4.4%	1.4%
	2009	522,907	0.7%	520,996	-0.5%	-0.4%	116.5	12.9%	109.7	2.8%	-5.8%	114.2	4.6%	112.5	1.7%	-1.5%
	2010	522,333	-0.1%	496,772	-4.6%	-4.9%	108.3	-7.0%	95.8	-12.6%	-11.5%	98.8	-13.5%	104.2	-7.4%	5.5%
	2011	499,570	-4.4%	482,050	-3.0%	-3.5%	105.3	-2.8%	105.7	10.3%	0.4%	100.0	1.2%	98.8	-5.2%	-1.2%
	2012	469,153	-6.1%	473,127	-1.9%	0.8%	90.6	-14.0%	93.2	-11.8%	2.9%	89.7	-10.3%	107.2	8.5%	19.5%
	2013	468,646	-0.1%	470,437	-0.6%	0.4%	80.8	-10.8%	89.7	-3.8%	10.9%	90.5	0.9%	95.3	-11.1%	5.3%
	2014	465,764	-0.6%	459,016	-2.4%	-1.4%	89.4	10.5%	102.4	14.2%	14.6%	95.8	5.9%	94.1	-1.2%	-1.8%
	2015	478,866	2.8%	465,456	1.4%	-2.8%	100.1	12.0%	111.7	9.1%	11.6%	105.6	10.2%	107.1	13.8%	1.4%
	2016	492,572	2.9%	474,010	1.8%	-3.8%	90.9	-9.2%	97.4	-12.8%	7.1%	110.9	5.0%	106.5	-0.6%	-4.0%
Projected	2017	507,402	3.0%	507,402	7.0%		100.2	10.2%	100.2	2.9%		109.1	-1.7%	109.1	2.4%	
	2018			518,080	2.1%				102.4	2.2%				111.5	2.2%	
	2019			527,253	1.8%				103.9	1.5%				113.1	1.5%	
	2020			533,780	1.2%				105.2	1.2%				114.5	1.2%	
	2021			538,167	0.8%				106.1	0.8%				115.5	0.8%	
	2022			543,646	1.0%				107.1	1.0%				116.6	1.0%	
	2023			549,066	1.0%				108.2	1.0%				117.8	1.0%	
	2024			555,661	1.2%				109.5	1.2%				119.2	1.2%	
	2025			559,483	0.7%				110.2	0.7%				120.0	0.7%	
	2026			564,501	0.9%				111.2	0.9%				121.1	0.9%	
	2027			569,505	0.9%				112.2	0.9%				122.1	0.9%	
	2028			575,700	1.1%				113.4	1.1%				123.5	1.1%	
	2029			579,137	0.6%				114.1	0.6%				124.2	0.6%	
	2030			583,819	0.8%				115.0	0.8%				125.2	0.8%	
	2031			588,253	0.8%				115.8	0.7%				126.1	0.7%	
	2032			593,761	0.9%				116.9	0.9%				127.3	0.9%	
	2033			596,433	0.5%				117.4	0.4%				127.9	0.4%	
	2034			600,424	0.7%				118.2	0.7%				128.7	0.7%	
	2035			604,449	0.7%				119.0	0.7%				129.6	0.7%	
2036			609,995	0.9%				120.1	0.9%				130.8	0.9%		
CAGR ^[3]	2007-2016		-0.8%		-1.3%			-0.3%		-1.2%			-0.5%		-0.9%	
	2017-2026				1.2%					1.2%					1.2%	
	2027-2036				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.

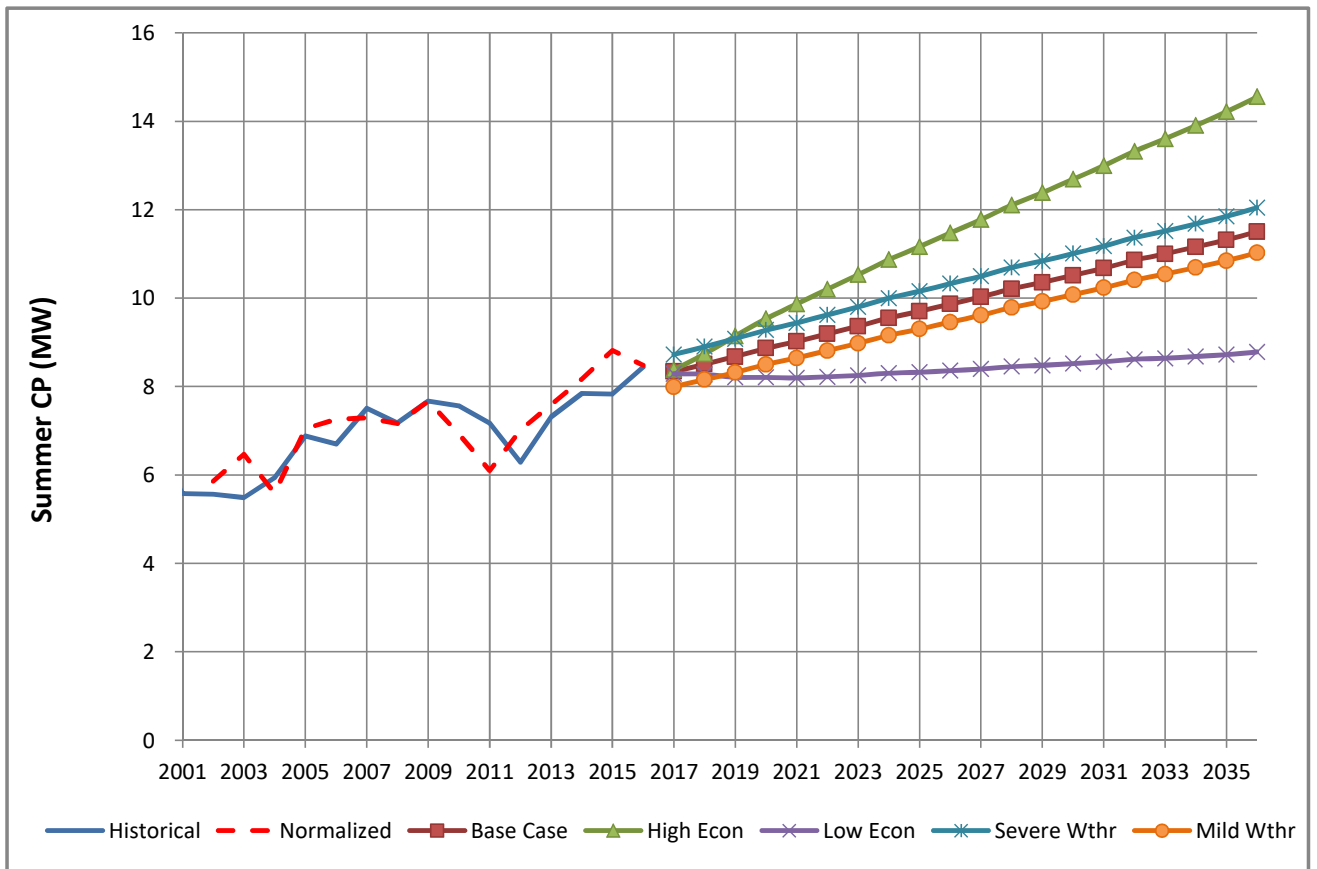
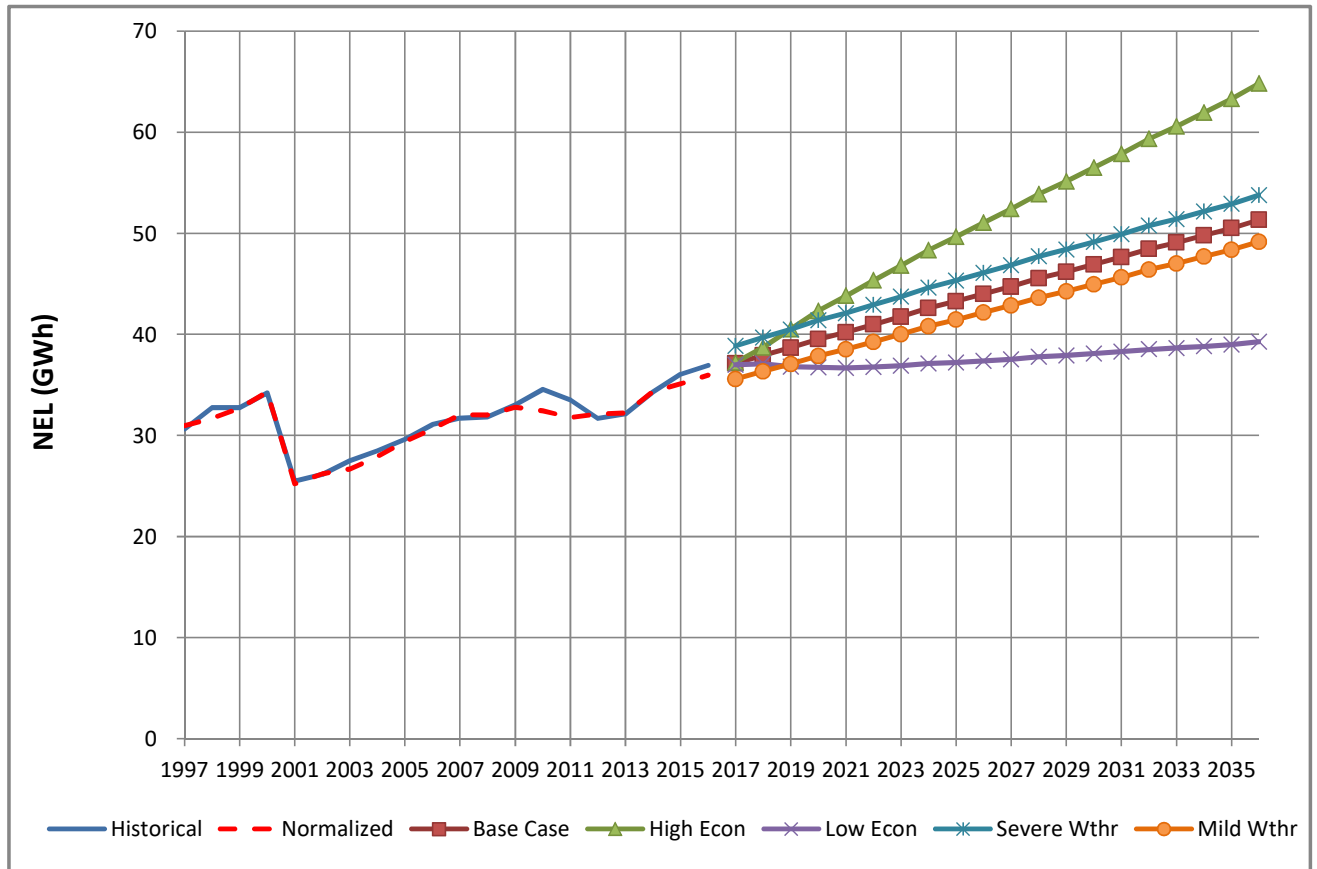
[3] CAGR - Compound Annual Growth Rate

FMPA 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	530,188	-	530,980	-	0.1%	95.6	-	63.3%	117.5	-	51.5%
	2008	519,190	-2.1%	523,497	-1.4%	0.8%	103.2	7.9%	57.5%	113.0	-3.8%	52.4%
	2009	522,907	0.7%	520,996	-0.5%	-0.4%	118.0	14.4%	50.6%	114.2	1.0%	52.3%
	2010	522,333	-0.1%	496,772	-4.6%	-4.9%	111.0	-6.0%	53.7%	110.0	-3.7%	54.2%
	2011	499,570	-4.4%	482,050	-3.0%	-3.5%	106.8	-3.7%	53.4%	106.6	-3.0%	53.5%
	2012	469,153	-6.1%	473,127	-1.9%	0.8%	94.0	-11.9%	56.9%	100.5	-5.8%	53.3%
	2013	468,646	-0.1%	470,437	-0.6%	0.4%	84.5	-10.1%	63.3%	99.0	-1.4%	54.0%
	2014	465,764	-0.6%	459,016	-2.4%	-1.4%	91.2	8.0%	58.3%	100.0	1.0%	53.2%
	2015	478,866	2.8%	465,456	1.4%	-2.8%	100.1	9.7%	54.6%	107.1	7.1%	51.0%
	2016	492,572	2.9%	474,010	1.8%	-3.8%	91.8	-8.3%	61.3%	110.9	3.6%	50.7%
Projected	2017	507,402	3.0%	507,402	7.0%		103.5	12.7%	56.0%	111.4	0.5%	52.0%
	2018	518,080	2.1%	518,080	2.1%		105.8	2.2%	55.9%	113.9	2.2%	51.9%
	2019	527,253	1.8%	527,253	1.8%		107.3	1.5%	56.1%	115.6	1.5%	52.1%
	2020	533,780	1.2%	533,780	1.2%		108.7	1.2%	56.1%	117.0	1.2%	52.1%
	2021	538,167	0.8%	538,167	0.8%		109.6	0.8%	56.1%	118.0	0.8%	52.1%
	2022	543,646	1.0%	543,646	1.0%		110.7	1.0%	56.1%	119.2	1.0%	52.1%
	2023	549,066	1.0%	549,066	1.0%		111.8	1.0%	56.1%	120.4	1.0%	52.1%
	2024	555,661	1.2%	555,661	1.2%		113.1	1.2%	56.1%	121.8	1.2%	52.1%
	2025	559,483	0.7%	559,483	0.7%		113.9	0.7%	56.1%	122.6	0.7%	52.1%
	2026	564,501	0.9%	564,501	0.9%		114.9	0.9%	56.1%	123.7	0.9%	52.1%
	2027	569,505	0.9%	569,505	0.9%		115.9	0.9%	56.1%	124.8	0.9%	52.1%
	2028	575,700	1.1%	575,700	1.1%		117.2	1.1%	56.1%	126.2	1.1%	52.1%
	2029	579,137	0.6%	579,137	0.6%		117.8	0.6%	56.1%	126.9	0.6%	52.1%
	2030	583,819	0.8%	583,819	0.8%		118.8	0.8%	56.1%	127.9	0.8%	52.1%
	2031	588,253	0.8%	588,253	0.8%		119.7	0.7%	56.1%	128.9	0.7%	52.1%
	2032	593,761	0.9%	593,761	0.9%		120.8	0.9%	56.1%	130.1	0.9%	52.1%
	2033	596,433	0.5%	596,433	0.5%		121.3	0.4%	56.1%	130.6	0.4%	52.1%
	2034	600,424	0.7%	600,424	0.7%		122.1	0.7%	56.1%	131.5	0.7%	52.1%
	2035	604,449	0.7%	604,449	0.7%		123.0	0.7%	56.1%	132.4	0.7%	52.1%
	2036	609,995	0.9%	609,995	0.9%		124.1	0.9%	56.1%	133.6	0.9%	52.1%
CAGR ^[1]	2007-2016		-0.8%		-1.3%			-0.4%	57.3%		-0.6%	52.6%
	2017-2026		1.2%		1.2%			1.2%	56.1%		1.2%	52.1%
	2027-2036		0.8%		0.8%			0.8%	56.1%		0.8%	52.1%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast **Newberry** Historical and Projected NEL and Annual Coincident Peak Demand



FMPA 2017 Load Forecast - Low 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	2007	31,722	-	32,162	-	1.4%	6.4	-	7.3	-	12.7%	7.5	-	7.3	-	-2.9%
	2008	31,835	0.4%	32,156	0.0%	1.0%	6.7	3.7%	7.8	6.7%	16.0%	7.2	-4.5%	7.2	-1.8%	-0.2%
	2009	33,043	3.8%	32,888	2.3%	-0.5%	8.0	19.9%	8.1	4.4%	0.9%	7.7	6.9%	7.7	7.1%	0.0%
	2010	34,567	4.6%	32,515	-1.1%	-5.9%	9.5	18.0%	8.3	2.0%	-12.8%	7.6	-1.4%	6.9	-9.7%	-8.4%
	2011	33,524	-3.0%	31,860	-2.0%	-5.0%	8.1	-14.7%	8.5	2.7%	5.1%	7.2	-5.2%	6.4	-7.4%	-10.6%
	2012	31,688	-5.5%	32,025	0.5%	1.1%	7.8	-3.3%	8.5	0.6%	9.3%	6.3	-12.3%	7.0	9.5%	11.7%
	2013	32,137	1.4%	32,214	0.6%	0.2%	7.4	-5.2%	7.5	-11.9%	1.5%	7.3	16.3%	7.6	8.2%	3.8%
	2014	34,298	6.7%	34,339	6.6%	0.1%	7.6	2.6%	8.5	12.7%	11.5%	7.8	7.3%	8.2	7.6%	4.1%
	2015	36,047	5.1%	35,096	2.2%	-2.6%	8.7	14.2%	8.1	-4.0%	-6.2%	7.8	-0.2%	8.8	7.9%	12.6%
	2016	36,935	2.5%	35,976	2.5%	-2.6%	8.0	-7.5%	8.4	3.3%	4.7%	8.4	7.7%	8.5	-3.8%	0.5%
Projected	2017	37,008	0.2%	37,008	2.9%		8.6	7.3%	8.6	2.4%		8.3	-1.7%	8.3	-2.2%	
	2018			37,109	0.3%				8.6	-0.1%				8.3	-0.1%	
	2019			36,813	-0.8%				8.5	-0.8%				8.2	-0.8%	
	2020			36,748	-0.2%				8.5	0.0%				8.2	0.0%	
	2021			36,681	-0.2%				8.5	-0.1%				8.2	-0.1%	
	2022			36,770	0.2%				8.5	0.3%				8.2	0.3%	
	2023			36,903	0.4%				8.6	0.4%				8.3	0.4%	
	2024			37,131	0.6%				8.6	0.6%				8.3	0.6%	
	2025			37,224	0.3%				8.6	0.2%				8.3	0.2%	
	2026			37,383	0.4%				8.7	0.4%				8.4	0.4%	
	2027			37,550	0.4%				8.7	0.5%				8.4	0.5%	
	2028			37,799	0.7%				8.8	0.7%				8.5	0.7%	
	2029			37,911	0.3%				8.8	0.3%				8.5	0.3%	
	2030			38,101	0.5%				8.8	0.5%				8.5	0.5%	
	2031			38,283	0.5%				8.9	0.5%				8.6	0.5%	
	2032			38,535	0.7%				8.9	0.7%				8.6	0.7%	
	2033			38,640	0.3%				9.0	0.3%				8.6	0.3%	
	2034			38,819	0.5%				9.0	0.5%				8.7	0.5%	
	2035			39,000	0.5%				9.0	0.5%				8.7	0.5%	
	2036			39,272	0.7%				9.1	0.7%				8.8	0.7%	
CAGR ^[3]	2007-2016		1.7%		1.3%			2.4%		1.6%			1.3%		1.7%	
	2017-2026				0.1%					0.1%					0.1%	
	2027-2036				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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	31,722	-	32,162	-	1.4%	6.7	-	53.8%	7.6	-	47.7%
	2008	31,835	0.4%	32,156	0.0%	1.0%	6.8	0.2%	53.8%	7.2	-5.5%	50.6%
	2009	33,043	3.8%	32,888	2.3%	-0.5%	8.6	27.5%	43.8%	7.7	6.9%	49.2%
	2010	34,567	4.6%	32,515	-1.1%	-5.9%	9.5	10.0%	41.7%	7.6	-1.4%	52.2%
	2011	33,524	-3.0%	31,860	-2.0%	-5.0%	8.7	-8.2%	44.1%	7.5	-1.2%	51.2%
	2012	31,688	-5.5%	32,025	0.5%	1.1%	7.8	-10.2%	46.4%	7.5	-0.1%	48.5%
	2013	32,137	1.4%	32,214	0.6%	0.2%	7.4	-5.2%	49.6%	7.5	1.0%	48.7%
	2014	34,298	6.7%	34,339	6.6%	0.1%	7.7	3.8%	51.0%	7.8	4.1%	49.9%
	2015	36,047	5.1%	35,096	2.2%	-2.6%	8.8	15.1%	46.5%	8.5	7.9%	48.6%
	2016	36,935	2.5%	35,976	2.5%	-2.6%	8.6	-3.3%	49.3%	8.5	0.4%	49.6%
Projected	2017	37,008	0.2%	37,008	2.9%		8.8	2.8%	48.1%	8.5	0.2%	49.7%
	2018	37,109	0.3%	37,109	0.3%		8.8	-0.1%	48.3%	8.5	-0.1%	49.9%
	2019	36,813	-0.8%	36,813	-0.8%		8.7	-0.8%	48.3%	8.4	-0.8%	49.9%
	2020	36,748	-0.2%	36,748	-0.2%		8.7	0.0%	48.2%	8.4	0.0%	49.8%
	2021	36,681	-0.2%	36,681	-0.2%		8.7	-0.1%	48.2%	8.4	-0.1%	49.8%
	2022	36,770	0.2%	36,770	0.2%		8.7	0.3%	48.2%	8.4	0.3%	49.8%
	2023	36,903	0.4%	36,903	0.4%		8.7	0.4%	48.1%	8.5	0.4%	49.8%
	2024	37,131	0.6%	37,131	0.6%		8.8	0.6%	48.1%	8.5	0.6%	49.7%
	2025	37,224	0.3%	37,224	0.3%		8.8	0.2%	48.1%	8.5	0.2%	49.8%
	2026	37,383	0.4%	37,383	0.4%		8.9	0.4%	48.1%	8.6	0.4%	49.8%
	2027	37,550	0.4%	37,550	0.4%		8.9	0.5%	48.1%	8.6	0.5%	49.7%
	2028	37,799	0.7%	37,799	0.7%		9.0	0.7%	48.1%	8.7	0.7%	49.7%
	2029	37,911	0.3%	37,911	0.3%		9.0	0.3%	48.1%	8.7	0.3%	49.7%
	2030	38,101	0.5%	38,101	0.5%		9.0	0.5%	48.1%	8.7	0.5%	49.7%
	2031	38,283	0.5%	38,283	0.5%		9.1	0.5%	48.1%	8.8	0.5%	49.7%
	2032	38,535	0.7%	38,535	0.7%		9.1	0.7%	48.1%	8.8	0.7%	49.7%
	2033	38,640	0.3%	38,640	0.3%		9.2	0.3%	48.1%	8.9	0.3%	49.7%
	2034	38,819	0.5%	38,819	0.5%		9.2	0.5%	48.1%	8.9	0.5%	49.7%
	2035	39,000	0.5%	39,000	0.5%		9.2	0.5%	48.1%	8.9	0.5%	49.7%
	2036	39,272	0.7%	39,272	0.7%		9.3	0.7%	48.1%	9.0	0.7%	49.7%
CAGR ^[1]	2007-2016		1.7%		1.3%			2.7%	48.0%		1.3%	49.6%
	2017-2026		0.1%		0.1%			0.1%	48.2%		0.1%	49.8%
	2027-2036		0.5%		0.5%			0.5%	48.1%		0.5%	49.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - High 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)				
		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	2007	31,722	-	32,162	-	1.4%	6.4	-	7.3	-	12.7%	7.5	-	7.3	-	-2.9%
	2008	31,835	0.4%	32,156	0.0%	1.0%	6.7	3.7%	7.8	6.7%	16.0%	7.2	-4.5%	7.2	-1.8%	-0.2%
	2009	33,043	3.8%	32,888	2.3%	-0.5%	8.0	19.9%	8.1	4.4%	0.9%	7.7	6.9%	7.7	7.1%	0.0%
	2010	34,567	4.6%	32,515	-1.1%	-5.9%	9.5	18.0%	8.3	2.0%	-12.8%	7.6	-1.4%	6.9	-9.7%	-8.4%
	2011	33,524	-3.0%	31,860	-2.0%	-5.0%	8.1	-14.7%	8.5	2.7%	5.1%	7.2	-5.2%	6.4	-7.4%	-10.6%
	2012	31,688	-5.5%	32,025	0.5%	1.1%	7.8	-3.3%	8.5	0.6%	9.3%	6.3	-12.3%	7.0	9.5%	11.7%
	2013	32,137	1.4%	32,214	0.6%	0.2%	7.4	-5.2%	7.5	-11.9%	1.5%	7.3	16.3%	7.6	8.2%	3.8%
	2014	34,298	6.7%	34,339	6.6%	0.1%	7.6	2.6%	8.5	12.7%	11.5%	7.8	7.3%	8.2	7.6%	4.1%
	2015	36,047	5.1%	35,096	2.2%	-2.6%	8.7	14.2%	8.1	-4.0%	-6.2%	7.8	-0.2%	8.8	7.9%	12.6%
	2016	36,935	2.5%	35,976	2.5%	-2.6%	8.0	-7.5%	8.4	3.3%	4.7%	8.4	7.7%	8.5	-3.8%	0.5%
Projected	2017	37,233	0.8%	37,233	3.5%		8.7	8.5%	8.7	3.6%		8.4	-0.6%	8.4	-1.1%	
	2018			38,713	4.0%				9.1	4.2%				8.7	4.2%	
	2019			40,524	4.7%				9.5	4.7%				9.1	4.7%	
	2020			42,316	4.4%				9.9	4.3%				9.5	4.3%	
	2021			43,823	3.6%				10.2	3.5%				9.9	3.5%	
	2022			45,343	3.5%				10.6	3.4%				10.2	3.4%	
	2023			46,812	3.2%				10.9	3.2%				10.5	3.2%	
	2024			48,346	3.3%				11.3	3.2%				10.9	3.2%	
	2025			49,669	2.7%				11.6	2.7%				11.2	2.7%	
	2026			51,052	2.8%				11.9	2.8%				11.5	2.8%	
	2027			52,411	2.7%				12.2	2.6%				11.8	2.6%	
	2028			53,877	2.8%				12.6	2.8%				12.1	2.8%	
	2029			55,135	2.3%				12.8	2.3%				12.4	2.3%	
	2030			56,505	2.5%				13.2	2.5%				12.7	2.5%	
	2031			57,870	2.4%				13.5	2.4%				13.0	2.4%	
	2032			59,338	2.5%				13.8	2.5%				13.3	2.5%	
	2033			60,580	2.1%				14.1	2.1%				13.6	2.1%	
	2034			61,947	2.3%				14.4	2.2%				13.9	2.2%	
	2035			63,322	2.2%				14.7	2.2%				14.2	2.2%	
	2036			64,839	2.4%				15.1	2.4%				14.6	2.4%	
CAGR ^[3]	2007-2016		1.7%		1.3%			2.4%		1.6%			1.3%		1.7%	
	2017-2026				3.6%					3.5%					3.5%	
	2027-2036				2.4%					2.4%					2.4%	

[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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	31,722	-	32,162	-	1.4%	6.7	-	53.8%	7.6	-	47.7%
	2008	31,835	0.4%	32,156	0.0%	1.0%	6.8	0.2%	53.8%	7.2	-5.5%	50.6%
	2009	33,043	3.8%	32,888	2.3%	-0.5%	8.6	27.5%	43.8%	7.7	6.9%	49.2%
	2010	34,567	4.6%	32,515	-1.1%	-5.9%	9.5	10.0%	41.7%	7.6	-1.4%	52.2%
	2011	33,524	-3.0%	31,860	-2.0%	-5.0%	8.7	-8.2%	44.1%	7.5	-1.2%	51.2%
	2012	31,688	-5.5%	32,025	0.5%	1.1%	7.8	-10.2%	46.4%	7.5	-0.1%	48.5%
	2013	32,137	1.4%	32,214	0.6%	0.2%	7.4	-5.2%	49.6%	7.5	1.0%	48.7%
	2014	34,298	6.7%	34,339	6.6%	0.1%	7.7	3.8%	51.0%	7.8	4.1%	49.9%
	2015	36,047	5.1%	35,096	2.2%	-2.6%	8.8	15.1%	46.5%	8.5	7.9%	48.6%
	2016	36,935	2.5%	35,976	2.5%	-2.6%	8.6	-3.3%	49.3%	8.5	0.4%	49.6%
Projected	2017	37,233	0.8%	37,233	3.5%		8.9	4.0%	47.8%	8.6	1.3%	49.4%
	2018	38,713	4.0%	38,713	4.0%		9.3	4.2%	47.7%	9.0	4.2%	49.3%
	2019	40,524	4.7%	40,524	4.7%		9.7	4.7%	47.7%	9.4	4.7%	49.3%
	2020	42,316	4.4%	42,316	4.4%		10.1	4.3%	47.8%	9.8	4.3%	49.4%
	2021	43,823	3.6%	43,823	3.6%		10.5	3.5%	47.8%	10.1	3.5%	49.4%
	2022	45,343	3.5%	45,343	3.5%		10.8	3.4%	47.8%	10.5	3.4%	49.4%
	2023	46,812	3.2%	46,812	3.2%		11.2	3.2%	47.9%	10.8	3.2%	49.5%
	2024	48,346	3.3%	48,346	3.3%		11.5	3.2%	47.9%	11.2	3.2%	49.5%
	2025	49,669	2.7%	49,669	2.7%		11.8	2.7%	47.9%	11.5	2.7%	49.5%
	2026	51,052	2.8%	51,052	2.8%		12.2	2.8%	47.9%	11.8	2.8%	49.5%
	2027	52,411	2.7%	52,411	2.7%		12.5	2.6%	47.9%	12.1	2.6%	49.5%
	2028	53,877	2.8%	53,877	2.8%		12.8	2.8%	47.9%	12.4	2.8%	49.5%
	2029	55,135	2.3%	55,135	2.3%		13.1	2.3%	47.9%	12.7	2.3%	49.5%
	2030	56,505	2.5%	56,505	2.5%		13.5	2.5%	47.9%	13.0	2.5%	49.5%
	2031	57,870	2.4%	57,870	2.4%		13.8	2.4%	47.9%	13.3	2.4%	49.5%
	2032	59,338	2.5%	59,338	2.5%		14.1	2.5%	47.9%	13.7	2.5%	49.5%
	2033	60,580	2.1%	60,580	2.1%		14.4	2.1%	47.9%	14.0	2.1%	49.5%
	2034	61,947	2.3%	61,947	2.3%		14.7	2.2%	48.0%	14.3	2.2%	49.6%
	2035	63,322	2.2%	63,322	2.2%		15.1	2.2%	48.0%	14.6	2.2%	49.6%
	2036	64,839	2.4%	64,839	2.4%		15.4	2.4%	48.0%	14.9	2.4%	49.6%
CAGR ^[1]	2007-2016		1.7%		1.3%			2.7%	48.0%		1.3%	49.6%
	2017-2026		3.6%		3.6%			3.5%	47.8%		3.5%	49.4%
	2027-2036		2.4%		2.4%			2.4%	47.9%		2.4%	49.5%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - High Economic Case
Newberry
Monthly Net Energy for Load (MWh)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2007	2,460	2,311	2,282	2,181	2,641	2,959	3,237	3,643	3,076	2,690	2,203	2,344	32,029	31,722
	2008	2,601	2,251	2,301	2,321	2,846	3,016	3,120	3,120	3,021	2,516	2,470	2,535	32,120	31,835
	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	2,837	2,588	2,986	37,442	36,935
Projected	2017	3,292	2,719	2,762	2,644	3,109	3,535	3,656	3,758	3,346	2,946	2,708	3,070	37,545	37,233
	2018	3,410	2,825	2,866	2,746	3,235	3,681	3,813	3,921	3,493	3,076	2,830	3,213	39,109	38,713
	2019	3,575	2,961	3,002	2,873	3,384	3,854	3,993	4,107	3,657	3,217	2,957	3,358	40,937	40,524
	2020	3,737	3,173	3,129	2,991	3,520	4,011	4,155	4,270	3,800	3,340	3,070	3,487	42,682	42,316
	2021	3,885	3,211	3,247	3,101	3,649	4,159	4,310	4,427	3,938	3,459	3,178	3,612	44,175	43,823
	2022	4,026	3,325	3,360	3,207	3,772	4,301	4,457	4,576	4,070	3,573	3,282	3,732	45,680	45,343
	2023	4,162	3,436	3,469	3,309	3,891	4,438	4,600	4,722	4,198	3,684	3,384	3,849	47,142	46,812
	2024	4,295	3,638	3,576	3,409	4,008	4,573	4,741	4,865	4,324	3,794	3,484	3,964	48,671	48,346
	2025	4,426	3,650	3,681	3,508	4,124	4,706	4,879	5,006	4,448	3,901	3,581	4,077	49,987	49,669
	2026	4,554	3,755	3,783	3,604	4,236	4,835	5,014	5,142	4,569	4,006	3,677	4,187	51,362	51,052
Projected	2027	4,679	3,857	3,884	3,699	4,347	4,963	5,147	5,278	4,689	4,109	3,772	4,297	52,720	52,411
	2028	4,805	4,063	3,985	3,794	4,457	5,091	5,281	5,414	4,809	4,214	3,868	4,407	54,187	53,877
	2029	4,930	4,061	4,086	3,888	4,568	5,219	5,415	5,550	4,929	4,318	3,963	4,518	55,446	55,135
	2030	5,056	4,164	4,188	3,984	4,680	5,348	5,550	5,687	5,050	4,423	4,059	4,629	56,817	56,505
	2031	5,183	4,266	4,289	4,079	4,791	5,476	5,683	5,823	5,170	4,527	4,154	4,738	58,179	57,870
	2032	5,307	4,483	4,389	4,173	4,901	5,603	5,816	5,958	5,289	4,630	4,249	4,848	59,646	59,338
	2033	5,432	4,470	4,490	4,268	5,012	5,730	5,949	6,093	5,409	4,734	4,345	4,958	60,890	60,580
	2034	5,558	4,572	4,591	4,363	5,123	5,859	6,084	6,230	5,529	4,839	4,441	5,069	62,258	61,947
	2035	5,685	4,675	4,693	4,459	5,235	5,988	6,219	6,368	5,651	4,945	4,537	5,182	63,636	63,322
	2036	5,813	4,906	4,796	4,555	5,348	6,119	6,356	6,507	5,775	5,052	4,636	5,296	65,159	64,839

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2007	7.7%	7.2%	7.1%	6.8%	8.2%	9.2%	10.1%	11.4%	9.6%	8.4%	6.9%	7.3%	100.0%
	2008	8.1%	7.0%	7.2%	7.2%	8.9%	9.4%	9.7%	9.7%	9.4%	7.8%	7.7%	7.9%	100.0%
	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	8.2%	7.2%	6.8%	7.0%	8.6%	9.8%	10.5%	10.2%	9.1%	7.6%	6.9%	8.0%	100.0%
Projected	2017	8.8%	7.2%	7.4%	7.0%	8.3%	9.4%	9.7%	10.0%	8.9%	7.8%	7.2%	8.2%	100.0%
	2018	8.7%	7.2%	7.3%	7.0%	8.3%	9.4%	9.7%	10.0%	8.9%	7.9%	7.2%	8.2%	100.0%
	2019	8.7%	7.2%	7.3%	7.0%	8.3%	9.4%	9.8%	10.0%	8.9%	7.9%	7.2%	8.2%	100.0%
	2020	8.8%	7.4%	7.3%	7.0%	8.2%	9.4%	9.7%	10.0%	8.9%	7.8%	7.2%	8.2%	100.0%
	2021	8.8%	7.3%	7.3%	7.0%	8.3%	9.4%	9.8%	10.0%	8.9%	7.8%	7.2%	8.2%	100.0%
	2022	8.8%	7.3%	7.4%	7.0%	8.3%	9.4%	9.8%	10.0%	8.9%	7.8%	7.2%	8.2%	100.0%
	2023	8.8%	7.3%	7.4%	7.0%	8.3%	9.4%	9.8%	10.0%	8.9%	7.8%	7.2%	8.2%	100.0%
	2024	8.8%	7.5%	7.3%	7.0%	8.2%	9.4%	9.7%	10.0%	8.9%	7.8%	7.2%	8.1%	100.0%
	2025	8.9%	7.3%	7.4%	7.0%	8.2%	9.4%	9.8%	10.0%	8.9%	7.8%	7.2%	8.2%	100.0%
	2026	8.9%	7.3%	7.4%	7.0%	8.2%	9.4%	9.8%	10.0%	8.9%	7.8%	7.2%	8.2%	100.0%
Avg.	2007-2016	8.4%	7.2%	7.1%	7.1%	8.6%	9.5%	10.0%	10.2%	9.2%	7.8%	7.0%	7.8%	100.0%
	2017-2026	8.8%	7.3%	7.3%	7.0%	8.3%	9.4%	9.8%	10.0%	8.9%	7.8%	7.2%	8.2%	100.0%

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FMPA 2017 Load Forecast - High Economic Case

Newberry
Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	6.7	6.7	5.7	4.8	5.6	6.7	7.1	7.6	6.8	6.0	5.2	5.8	6.7	7.6
	2008	6.8	6.2	5.1	5.0	6.4	7.1	6.8	7.2	7.0	5.7	6.6	6.9	6.8	7.2
	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	6.4	7.0	8.6	8.5
Projected	2017	8.9	8.4	5.8	6.3	7.5	8.3	8.2	8.6	7.9	7.0	6.7	7.3	8.9	8.6
	2018	9.3	8.7	6.0	6.5	7.8	8.7	8.5	9.0	8.3	7.3	7.0	7.6	9.3	9.0
	2019	9.7	9.1	6.3	6.9	8.2	9.1	8.9	9.4	8.7	7.6	7.3	7.9	9.7	9.4
	2020	10.1	9.5	6.6	7.1	8.5	9.5	9.3	9.8	9.0	7.9	7.6	8.2	10.1	9.8
	2021	10.5	9.9	6.8	7.4	8.8	9.8	9.6	10.1	9.4	8.2	7.8	8.5	10.5	10.1
	2022	10.8	10.2	7.0	7.6	9.1	10.2	9.9	10.5	9.7	8.5	8.1	8.8	10.8	10.5
	2023	11.2	10.5	7.3	7.9	9.4	10.5	10.3	10.8	10.0	8.7	8.3	9.1	11.2	10.8
	2024	11.5	10.9	7.5	8.1	9.7	10.8	10.6	11.2	10.3	9.0	8.6	9.3	11.5	11.2
	2025	11.8	11.2	7.7	8.4	10.0	11.1	10.9	11.5	10.6	9.3	8.8	9.6	11.8	11.5
	2026	12.2	11.5	7.9	8.6	10.3	11.4	11.2	11.8	10.9	9.5	9.0	9.8	12.2	11.8
Projected	2027	12.5	11.8	8.1	8.8	10.5	11.7	11.5	12.1	11.2	9.8	9.3	10.1	12.5	12.1
	2028	12.8	12.1	8.3	9.1	10.8	12.0	11.8	12.4	11.5	10.1	9.5	10.3	12.8	12.4
	2029	13.1	12.4	8.5	9.3	11.1	12.3	12.1	12.7	11.7	10.3	9.7	10.6	13.1	12.7
	2030	13.5	12.7	8.7	9.5	11.4	12.6	12.4	13.0	12.0	10.5	10.0	10.8	13.5	13.0
	2031	13.8	13.0	8.9	9.7	11.6	12.9	12.7	13.3	12.3	10.8	10.2	11.1	13.8	13.3
	2032	14.1	13.3	9.2	10.0	11.9	13.3	13.0	13.7	12.6	11.1	10.4	11.3	14.1	13.7
	2033	14.4	13.6	9.4	10.2	12.2	13.5	13.3	14.0	12.9	11.3	10.7	11.6	14.4	14.0
	2034	14.7	13.9	9.6	10.4	12.4	13.8	13.6	14.3	13.2	11.6	10.9	11.8	14.7	14.3
	2035	15.1	14.2	9.8	10.7	12.7	14.1	13.9	14.6	13.5	11.8	11.2	12.1	15.1	14.6
	2036	15.4	14.6	10.0	10.9	13.0	14.5	14.2	14.9	13.8	12.1	11.4	12.4	15.4	14.9

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	49.1%	51.5%	53.5%	61.7%	70.5%	59.2%	63.5%	64.5%	62.4%	60.2%	56.5%	55.8%	54.3%	48.2%
	2008	51.8%	52.3%	61.1%	62.0%	66.6%	57.1%	63.3%	58.4%	60.3%	59.3%	50.2%	51.0%	54.3%	51.1%
	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%	55.5%	54.1%	59.3%	50.0%	50.3%
Projected	2017	49.7%	48.2%	64.3%	56.5%	61.7%	56.9%	62.1%	58.7%	58.5%	56.8%	54.3%	58.6%	48.2%	49.8%
	2018	49.5%	48.1%	64.0%	56.4%	61.6%	56.9%	62.2%	58.8%	58.6%	57.0%	54.2%	58.6%	48.2%	49.8%
	2019	49.6%	48.2%	64.1%	56.3%	61.6%	56.9%	62.2%	58.8%	58.6%	56.9%	54.4%	58.7%	48.2%	49.8%
	2020	49.7%	47.8%	64.1%	56.3%	61.4%	56.8%	62.1%	58.7%	58.4%	56.7%	54.5%	58.9%	48.2%	49.8%
	2021	49.9%	48.4%	64.2%	56.4%	61.5%	56.9%	62.2%	58.8%	58.5%	56.7%	54.6%	59.0%	48.2%	49.8%
	2022	50.0%	48.5%	64.3%	56.4%	61.5%	56.9%	62.2%	58.7%	58.5%	56.7%	54.6%	59.1%	48.2%	49.8%
	2023	50.1%	48.5%	64.3%	56.3%	61.5%	56.9%	62.2%	58.7%	58.4%	56.6%	54.5%	59.0%	48.2%	49.8%
	2024	50.1%	48.1%	64.2%	56.2%	61.3%	56.8%	62.1%	58.6%	58.3%	56.5%	54.7%	59.2%	48.2%	49.8%
	2025	50.2%	48.6%	64.3%	56.3%	61.4%	56.9%	62.2%	58.7%	58.4%	56.5%	54.7%	59.2%	48.2%	49.8%
	2026	50.3%	48.7%	64.4%	56.3%	61.4%	56.9%	62.2%	58.7%	58.4%	56.5%	54.7%	59.3%	48.2%	49.8%
Avg.	2007-2016	49.5%	48.3%	56.1%	56.7%	65.6%	57.9%	63.2%	61.2%	60.7%	56.8%	53.6%	57.1%	48.2%	49.8%
	2017-2026	49.9%	48.3%	64.2%	56.3%	61.5%	56.9%	62.2%	58.7%	58.5%	56.7%	54.5%	59.0%	48.2%	49.8%

FMPA 2017 Load Forecast - High Economic Case - Newberry

Historical and Projected - Energy Sales by Customer Class

(Fiscal Year 2007-2036)

		Residential						General Service						City		TOTAL SALES		DISTR.	TOTAL NEL	
		Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	LOSSES (MWh)	(MWh)	% Chg
Historical	2007	14,942		1,140		13,107		13,080		232		56.5		1,617		29,639		2,083	31,722	
	2008	14,217	-4.9%	1,176	3.1%	12,094	-7.7%	13,493	3.2%	230	-0.6%	58.6	3.8%	1,583	-2.1%	29,293	-1.2%	2,542	31,835	0.4%
	2009	15,262	7.4%	1,190	1.2%	12,824	6.0%	13,916	3.1%	234	1.6%	59.5	1.5%	1,657	4.7%	30,835	5.3%	2,208	33,043	3.8%
	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%	32,872	6.6%	1,695	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%	32,296	-1.8%	1,228	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%	30,709	-4.9%	979	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%	30,586	-0.4%	1,551	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%	32,314	5.6%	1,984	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%	34,013	5.3%	2,034	36,047	5.1%
Projected	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%	34,412	1.2%	2,523	36,935	2.5%
	2017	19,134	2.2%	1,487	2.2%	12,871	0.0%	14,090	1.9%	239	0.5%	59.0	1.5%	1,989	6.8%	35,214	2.3%	2,020	37,233	0.8%
	2018	19,906	4.0%	1,552	4.4%	12,830	-0.3%	14,454	2.6%	241	0.9%	60.0	1.6%	2,133	7.3%	36,493	3.6%	2,220	38,713	4.0%
	2019	20,996	5.5%	1,634	5.3%	12,850	0.2%	14,960	3.5%	243	0.9%	61.5	2.6%	2,245	5.2%	38,200	4.7%	2,324	40,524	4.7%
	2020	22,057	5.1%	1,709	4.6%	12,903	0.4%	15,410	3.0%	245	0.7%	62.9	2.3%	2,348	4.6%	39,814	4.2%	2,502	42,316	4.4%
	2021	23,060	4.5%	1,778	4.0%	12,970	0.5%	15,805	2.6%	246	0.6%	64.1	2.0%	2,447	4.3%	41,312	3.8%	2,511	43,823	3.6%
	2022	24,015	4.1%	1,844	3.7%	13,024	0.4%	16,182	2.4%	248	0.5%	65.3	1.8%	2,548	4.1%	42,745	3.5%	2,598	45,343	3.5%
	2023	24,926	3.8%	1,907	3.4%	13,068	0.3%	16,554	2.3%	249	0.5%	66.5	1.8%	2,651	4.0%	44,130	3.2%	2,682	46,812	3.2%
	2024	25,815	3.6%	1,969	3.2%	13,109	0.3%	16,922	2.2%	250	0.5%	67.6	1.7%	2,752	3.8%	45,488	3.1%	2,858	48,346	3.3%
	2025	26,695	3.4%	2,031	3.1%	13,147	0.3%	17,279	2.1%	251	0.5%	68.7	1.6%	2,850	3.6%	46,825	2.9%	2,845	49,669	2.7%
	2026	27,558	3.2%	2,091	3.0%	13,181	0.3%	17,624	2.0%	252	0.4%	69.8	1.5%	2,947	3.4%	48,128	2.8%	2,924	51,052	2.8%
	2027	28,407	3.1%	2,150	2.8%	13,211	0.2%	17,959	1.9%	254	0.4%	70.8	1.5%	3,044	3.3%	49,410	2.7%	3,001	52,411	2.7%
	2028	29,258	3.0%	2,210	2.8%	13,237	0.2%	18,291	1.8%	255	0.4%	71.8	1.4%	3,144	3.3%	50,693	2.6%	3,184	53,877	2.8%
	2029	30,108	2.9%	2,270	2.7%	13,261	0.2%	18,625	1.8%	256	0.4%	72.9	1.4%	3,245	3.2%	51,978	2.5%	3,157	55,135	2.3%
	2030	30,964	2.8%	2,331	2.7%	13,283	0.2%	18,959	1.8%	257	0.4%	73.9	1.4%	3,347	3.2%	53,270	2.5%	3,235	56,505	2.5%
	2031	31,815	2.8%	2,391	2.6%	13,304	0.2%	19,292	1.8%	258	0.4%	74.9	1.4%	3,450	3.1%	54,557	2.4%	3,313	57,870	2.4%
	2032	32,659	2.7%	2,451	2.5%	13,323	0.1%	19,621	1.7%	259	0.4%	75.9	1.3%	3,552	3.0%	55,832	2.3%	3,506	59,338	2.5%
	2033	33,507	2.6%	2,511	2.5%	13,342	0.1%	19,949	1.7%	260	0.4%	76.9	1.3%	3,657	2.9%	57,112	2.3%	3,468	60,580	2.1%
	2034	34,363	2.6%	2,572	2.4%	13,358	0.1%	20,276	1.6%	261	0.4%	77.8	1.3%	3,761	2.9%	58,400	2.3%	3,546	61,947	2.3%
	2035	35,228	2.5%	2,634	2.4%	13,373	0.1%	20,601	1.6%	261	0.4%	78.8	1.2%	3,868	2.8%	59,697	2.2%	3,625	63,322	2.2%
	2036	36,104	2.5%	2,697	2.4%	13,386	0.1%	20,927	1.6%	262	0.4%	79.8	1.2%	3,977	2.8%	61,009	2.2%	3,831	64,839	2.4%
CAGR	2007-2016		2.5%		2.7%		-0.2%		0.6%		0.3%		0.3%		1.6%		1.7%			1.7%
	2017-2026		4.1%		3.9%		0.3%		2.5%		0.6%		1.9%		4.5%		3.5%			3.6%
	2027-2036		2.7%		2.6%		0.1%		1.7%		0.4%		1.3%		3.0%		2.4%			2.4%

CAGR - Compound Average Growth Rate.

FMPA 2017 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	2007	31,722	-	32,162	-	1.4%	6.4	-	7.3	-	12.7%	7.5	-	7.3	-	-2.9%
	2008	31,835	0.4%	32,156	0.0%	1.0%	6.7	3.7%	7.8	6.7%	16.0%	7.2	-4.5%	7.2	-1.8%	-0.2%
	2009	33,043	3.8%	32,888	2.3%	-0.5%	8.0	19.9%	8.1	4.4%	0.9%	7.7	6.9%	7.7	7.1%	0.0%
	2010	34,567	4.6%	32,515	-1.1%	-5.9%	9.5	18.0%	8.3	2.0%	-12.8%	7.6	-1.4%	6.9	-9.7%	-8.4%
	2011	33,524	-3.0%	31,860	-2.0%	-5.0%	8.1	-14.7%	8.5	2.7%	5.1%	7.2	-5.2%	6.4	-7.4%	-10.6%
	2012	31,688	-5.5%	32,025	0.5%	1.1%	7.8	-3.3%	8.5	0.6%	9.3%	6.3	-12.3%	7.0	9.5%	11.7%
	2013	32,137	1.4%	32,214	0.6%	0.2%	7.4	-5.2%	7.5	-11.9%	1.5%	7.3	16.3%	7.6	8.2%	3.8%
	2014	34,298	6.7%	34,339	6.6%	0.1%	7.6	2.6%	8.5	12.7%	11.5%	7.8	7.3%	8.2	7.6%	4.1%
	2015	36,047	5.1%	35,096	2.2%	-2.6%	8.7	14.2%	8.1	-4.0%	-6.2%	7.8	-0.2%	8.8	7.9%	12.6%
	2016	36,935	2.5%	35,976	2.5%	-2.6%	8.0	-7.5%	8.4	3.3%	4.7%	8.4	7.7%	8.5	-3.8%	0.5%
Projected	2017	35,580	-3.7%	35,580	-1.1%		8.3	3.5%	8.3	-1.2%		8.0	-5.2%	8.0	-5.7%	
	2018			36,329	2.1%				8.5	2.0%				8.2	2.0%	
	2019			37,047	2.0%				8.6	2.0%				8.3	2.0%	
	2020			37,860	2.2%				8.8	2.2%				8.5	2.2%	
	2021			38,522	1.7%				9.0	1.7%				8.6	1.7%	
	2022			39,257	1.9%				9.1	1.9%				8.8	1.9%	
	2023			39,997	1.9%				9.3	1.9%				9.0	1.9%	
	2024			40,804	2.0%				9.5	2.0%				9.2	2.0%	
	2025			41,449	1.6%				9.6	1.6%				9.3	1.6%	
	2026			42,156	1.7%				9.8	1.7%				9.5	1.7%	
	2027			42,846	1.6%				10.0	1.6%				9.6	1.6%	
	2028			43,628	1.8%				10.2	1.8%				9.8	1.8%	
	2029			44,244	1.4%				10.3	1.4%				9.9	1.4%	
	2030			44,935	1.6%				10.5	1.6%				10.1	1.6%	
	2031			45,625	1.5%				10.6	1.5%				10.2	1.5%	
	2032			46,405	1.7%				10.8	1.7%				10.4	1.7%	
	2033			47,011	1.3%				10.9	1.3%				10.5	1.3%	
	2034			47,693	1.5%				11.1	1.4%				10.7	1.4%	
	2035			48,374	1.4%				11.3	1.4%				10.8	1.4%	
	2036			49,169	1.6%				11.4	1.6%				11.0	1.6%	
CAGR ^[3]	2007-2016		1.7%		1.3%			2.4%		1.6%			1.3%		1.7%	
	2017-2026				1.9%					1.9%					1.9%	
	2027-2036				1.5%					1.5%					1.5%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	31,722	-	32,162	-	1.4%	6.7	-	53.8%	7.6	-	47.7%
	2008	31,835	0.4%	32,156	0.0%	1.0%	6.8	0.2%	53.8%	7.2	-5.5%	50.6%
	2009	33,043	3.8%	32,888	2.3%	-0.5%	8.6	27.5%	43.8%	7.7	6.9%	49.2%
	2010	34,567	4.6%	32,515	-1.1%	-5.9%	9.5	10.0%	41.7%	7.6	-1.4%	52.2%
	2011	33,524	-3.0%	31,860	-2.0%	-5.0%	8.7	-8.2%	44.1%	7.5	-1.2%	51.2%
	2012	31,688	-5.5%	32,025	0.5%	1.1%	7.8	-10.2%	46.4%	7.5	-0.1%	48.5%
	2013	32,137	1.4%	32,214	0.6%	0.2%	7.4	-5.2%	49.6%	7.5	1.0%	48.7%
	2014	34,298	6.7%	34,339	6.6%	0.1%	7.7	3.8%	51.0%	7.8	4.1%	49.9%
	2015	36,047	5.1%	35,096	2.2%	-2.6%	8.8	15.1%	46.5%	8.5	7.9%	48.6%
	2016	36,935	2.5%	35,976	2.5%	-2.6%	8.6	-3.3%	49.3%	8.5	0.4%	49.6%
Projected	2017	35,580	-3.7%	35,580	-1.1%		8.5	-0.8%	47.9%	8.2	-3.4%	49.5%
	2018	36,329	2.1%	36,329	2.1%		8.7	2.0%	47.9%	8.4	2.0%	49.5%
	2019	37,047	2.0%	37,047	2.0%		8.8	2.0%	47.9%	8.5	2.0%	49.5%
	2020	37,860	2.2%	37,860	2.2%		9.0	2.2%	47.9%	8.7	2.2%	49.5%
	2021	38,522	1.7%	38,522	1.7%		9.2	1.7%	48.0%	8.9	1.7%	49.6%
	2022	39,257	1.9%	39,257	1.9%		9.3	1.9%	48.0%	9.0	1.9%	49.6%
	2023	39,997	1.9%	39,997	1.9%		9.5	1.9%	48.0%	9.2	1.9%	49.6%
	2024	40,804	2.0%	40,804	2.0%		9.7	2.0%	48.0%	9.4	2.0%	49.6%
	2025	41,449	1.6%	41,449	1.6%		9.9	1.6%	48.0%	9.5	1.6%	49.6%
	2026	42,156	1.7%	42,156	1.7%		10.0	1.7%	48.0%	9.7	1.7%	49.6%
	2027	42,846	1.6%	42,846	1.6%		10.2	1.6%	48.0%	9.9	1.6%	49.6%
	2028	43,628	1.8%	43,628	1.8%		10.4	1.8%	48.0%	10.0	1.8%	49.6%
	2029	44,244	1.4%	44,244	1.4%		10.5	1.4%	48.0%	10.2	1.4%	49.6%
	2030	44,935	1.6%	44,935	1.6%		10.7	1.6%	48.0%	10.3	1.6%	49.6%
	2031	45,625	1.5%	45,625	1.5%		10.9	1.5%	48.0%	10.5	1.5%	49.6%
	2032	46,405	1.7%	46,405	1.7%		11.0	1.7%	48.0%	10.7	1.7%	49.6%
	2033	47,011	1.3%	47,011	1.3%		11.2	1.3%	48.0%	10.8	1.3%	49.6%
	2034	47,693	1.5%	47,693	1.5%		11.3	1.4%	48.0%	11.0	1.4%	49.6%
	2035	48,374	1.4%	48,374	1.4%		11.5	1.4%	48.0%	11.1	1.4%	49.6%
	2036	49,169	1.6%	49,169	1.6%		11.7	1.6%	48.0%	11.3	1.6%	49.6%
CAGR ^[1]	2007-2016		1.7%		1.3%			2.7%	48.0%		1.3%	49.6%
	2017-2026		1.9%		1.9%			1.9%	48.0%		1.9%	49.6%
	2027-2036		1.5%		1.5%			1.5%	48.0%		1.5%	49.6%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Mild Weather Case
Newberry
Monthly Coincident-Peak Demand with ARP (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	6.6	6.4	4.5	4.8	5.6	6.4	7.1	7.5	6.8	5.9	4.5	4.1	6.4	7.5
	2008	6.7	6.0	4.3	5.0	5.7	7.0	6.8	7.2	6.7	5.5	4.5	6.8	6.7	7.2
	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	6.4	5.6	5.8	8.0	8.4
Projected	2017	8.3	7.9	5.1	5.6	7.0	7.6	7.3	8.0	7.1	6.2	5.7	5.9	8.3	8.0
	2018	8.5	8.1	5.2	5.8	7.1	7.7	7.5	8.2	7.2	6.3	5.8	6.1	8.5	8.2
	2019	8.6	8.2	5.3	5.9	7.3	7.9	7.6	8.3	7.4	6.5	5.9	6.2	8.6	8.3
	2020	8.8	8.4	5.4	6.0	7.4	8.0	7.8	8.5	7.5	6.6	6.0	6.3	8.8	8.5
	2021	9.0	8.6	5.5	6.1	7.5	8.2	7.9	8.6	7.7	6.7	6.1	6.4	9.0	8.6
	2022	9.1	8.7	5.6	6.2	7.7	8.3	8.1	8.8	7.8	6.9	6.3	6.5	9.1	8.8
	2023	9.3	8.9	5.7	6.3	7.8	8.5	8.2	9.0	8.0	7.0	6.4	6.7	9.3	9.0
	2024	9.5	9.1	5.8	6.5	8.0	8.7	8.4	9.2	8.1	7.1	6.5	6.8	9.5	9.2
	2025	9.6	9.2	5.9	6.6	8.1	8.8	8.5	9.3	8.2	7.2	6.6	6.9	9.6	9.3
Projected	2026	9.8	9.4	6.0	6.7	8.3	8.9	8.6	9.5	8.4	7.4	6.7	7.0	9.8	9.5
	2027	10.0	9.5	6.1	6.8	8.4	9.1	8.8	9.6	8.5	7.5	6.8	7.1	10.0	9.6
	2028	10.2	9.7	6.2	6.9	8.5	9.3	8.9	9.8	8.7	7.6	6.9	7.2	10.2	9.8
	2029	10.3	9.8	6.3	7.0	8.7	9.4	9.1	9.9	8.8	7.7	7.0	7.3	10.3	9.9
	2030	10.5	10.0	6.4	7.1	8.8	9.5	9.2	10.1	8.9	7.8	7.1	7.4	10.5	10.1
	2031	10.6	10.1	6.5	7.2	8.9	9.7	9.4	10.2	9.1	8.0	7.3	7.6	10.6	10.2
	2032	10.8	10.3	6.6	7.4	9.1	9.8	9.5	10.4	9.2	8.1	7.3	7.7	10.8	10.4
	2033	10.9	10.4	6.7	7.4	9.2	10.0	9.6	10.5	9.3	8.2	7.5	7.8	10.9	10.5
	2034	11.1	10.6	6.8	7.6	9.3	10.1	9.8	10.7	9.5	8.3	7.6	7.9	11.1	10.7
Projected	2035	11.3	10.7	6.9	7.7	9.5	10.3	9.9	10.8	9.6	8.4	7.7	8.0	11.3	10.8
	2036	11.4	10.9	7.0	7.8	9.6	10.4	10.1	11.0	9.8	8.6	7.8	8.1	11.4	11.0

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	98.3%	96.6%	78.9%	100.0%	100.0%	95.7%	100.0%	99.0%	99.0%	98.4%	85.7%	70.6%	95.7%	99.0%
	2008	99.0%	96.6%	85.2%	100.0%	90.4%	99.2%	100.0%	100.0%	96.5%	97.2%	68.1%	97.8%	99.0%	100.0%
	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%
Projected	2016	92.0%	97.8%	100.0%	99.7%	93.8%	99.9%	100.0%	100.0%	92.8%	93.7%	90.9%	87.3%	93.7%	99.3%
	2017	97.8%	99.0%	91.8%	94.3%	97.5%	95.0%	93.7%	97.4%	93.5%	93.7%	90.9%	87.3%	97.8%	97.4%
	2018	97.8%	99.0%	91.8%	94.3%	97.5%	95.0%	93.7%	97.4%	93.5%	93.7%	90.9%	87.3%	97.8%	97.4%
	2019	97.8%	99.0%	91.8%	94.3%	97.5%	95.0%	93.7%	97.4%	93.5%	93.7%	90.9%	87.3%	97.8%	97.4%
	2020	97.8%	99.0%	91.8%	94.3%	97.5%	95.0%	93.7%	97.4%	93.5%	93.7%	90.9%	87.3%	97.8%	97.4%
	2021	97.8%	99.0%	91.8%	94.3%	97.5%	95.0%	93.7%	97.4%	93.5%	93.7%	90.9%	87.3%	97.8%	97.4%
	2022	97.8%	99.0%	91.8%	94.3%	97.5%	95.0%	93.7%	97.4%	93.5%	93.7%	90.9%	87.3%	97.8%	97.4%
	2023	97.8%	99.0%	91.8%	94.3%	97.5%	95.0%	93.7%	97.4%	93.5%	93.7%	90.9%	87.3%	97.8%	97.4%
	2024	97.8%	99.0%	91.8%	94.3%	97.5%	95.0%	93.7%	97.4%	93.5%	93.7%	90.9%	87.3%	97.8%	97.4%
Projected	2025	97.8%	99.0%	91.8%	94.3%	97.5%	95.0%	93.7%	97.4%	93.5%	93.7%	90.9%	87.3%	97.8%	97.4%
	2026	97.8%	99.0%	91.8%	94.3%	97.5%	95.0%	93.7%	97.4%	93.5%	93.7%	90.9%	87.3%	97.8%	97.4%
Projected	2007-2016	97.7%	98.3%	90.5%	96.9%	96.8%	96.7%	94.7%	97.0%	95.8%	95.7%	81.2%	88.0%	97.1%	96.8%
	2017-2026	97.8%	99.0%	91.8%	94.3%	97.5%	95.0%	93.7%	97.4%	93.5%	93.7%	90.9%	87.3%	97.8%	97.4%

FMPA 2017 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	2007	31,722	-	32,162	-	1.4%	6.4	-	7.3	-	12.7%	7.5	-	7.3	-	-2.9%
	2008	31,835	0.4%	32,156	0.0%	1.0%	6.7	3.7%	7.8	6.7%	16.0%	7.2	-4.5%	7.2	-1.8%	-0.2%
	2009	33,043	3.8%	32,888	2.3%	-0.5%	8.0	19.9%	8.1	4.4%	0.9%	7.7	6.9%	7.7	7.1%	0.0%
	2010	34,567	4.6%	32,515	-1.1%	-5.9%	9.5	18.0%	8.3	2.0%	-12.8%	7.6	-1.4%	6.9	-9.7%	-8.4%
	2011	33,524	-3.0%	31,860	-2.0%	-5.0%	8.1	-14.7%	8.5	2.7%	5.1%	7.2	-5.2%	6.4	-7.4%	-10.6%
	2012	31,688	-5.5%	32,025	0.5%	1.1%	7.8	-3.3%	8.5	0.6%	9.3%	6.3	-12.3%	7.0	9.5%	11.7%
	2013	32,137	1.4%	32,214	0.6%	0.2%	7.4	-5.2%	7.5	-11.9%	1.5%	7.3	16.3%	7.6	8.2%	3.8%
	2014	34,298	6.7%	34,339	6.6%	0.1%	7.6	2.6%	8.5	12.7%	11.5%	7.8	7.3%	8.2	7.6%	4.1%
	2015	36,047	5.1%	35,096	2.2%	-2.6%	8.7	14.2%	8.1	-4.0%	-6.2%	7.8	-0.2%	8.8	7.9%	12.6%
	2016	36,935	2.5%	35,976	2.5%	-2.6%	8.0	-7.5%	8.4	3.3%	4.7%	8.4	7.7%	8.5	-3.8%	0.5%
Projected	2017	38,864	5.2%	38,864	8.0%		9.0	12.9%	9.0	7.8%		8.7	3.4%	8.7	2.9%	
	2018			39,699	2.1%				9.2	2.0%				8.9	2.0%	
	2019			40,490	2.0%				9.4	2.0%				9.1	2.0%	
	2020			41,387	2.2%				9.6	2.2%				9.3	2.2%	
	2021			42,110	1.7%				9.8	1.7%				9.4	1.7%	
	2022			42,917	1.9%				10.0	1.9%				9.6	1.9%	
	2023			43,729	1.9%				10.2	1.9%				9.8	1.9%	
	2024			44,617	2.0%				10.4	2.0%				10.0	2.0%	
	2025			45,320	1.6%				10.5	1.6%				10.2	1.6%	
	2026			46,096	1.7%				10.7	1.7%				10.3	1.7%	
	2027			46,853	1.6%				10.9	1.6%				10.5	1.6%	
	2028			47,716	1.8%				11.1	1.8%				10.7	1.8%	
	2029			48,387	1.4%				11.2	1.4%				10.8	1.4%	
	2030			49,143	1.6%				11.4	1.6%				11.0	1.6%	
	2031			49,900	1.5%				11.6	1.5%				11.2	1.5%	
	2032			50,760	1.7%				11.8	1.7%				11.4	1.7%	
	2033			51,418	1.3%				11.9	1.3%				11.5	1.3%	
	2034			52,166	1.5%				12.1	1.4%				11.7	1.4%	
	2035			52,912	1.4%				12.3	1.4%				11.8	1.4%	
	2036			53,788	1.7%				12.5	1.7%				12.0	1.7%	
CAGR ^[3]	2007-2016		1.7%		1.3%			2.4%		1.6%			1.3%		1.7%	
	2017-2026				1.9%					1.9%					1.9%	
	2027-2036				1.5%					1.5%					1.5%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	31,722	-	32,162	-	1.4%	6.7	-	53.8%	7.6	-	47.7%
	2008	31,835	0.4%	32,156	0.0%	1.0%	6.8	0.2%	53.8%	7.2	-5.5%	50.6%
	2009	33,043	3.8%	32,888	2.3%	-0.5%	8.6	27.5%	43.8%	7.7	6.9%	49.2%
	2010	34,567	4.6%	32,515	-1.1%	-5.9%	9.5	10.0%	41.7%	7.6	-1.4%	52.2%
	2011	33,524	-3.0%	31,860	-2.0%	-5.0%	8.7	-8.2%	44.1%	7.5	-1.2%	51.2%
	2012	31,688	-5.5%	32,025	0.5%	1.1%	7.8	-10.2%	46.4%	7.5	-0.1%	48.5%
	2013	32,137	1.4%	32,214	0.6%	0.2%	7.4	-5.2%	49.6%	7.5	1.0%	48.7%
	2014	34,298	6.7%	34,339	6.6%	0.1%	7.7	3.8%	51.0%	7.8	4.1%	49.9%
	2015	36,047	5.1%	35,096	2.2%	-2.6%	8.8	15.1%	46.5%	8.5	7.9%	48.6%
	2016	36,935	2.5%	35,976	2.5%	-2.6%	8.6	-3.3%	49.3%	8.5	0.4%	49.6%
Projected	2017	38,864	5.2%	38,864	8.0%		9.3	8.2%	48.0%	9.0	5.4%	49.6%
	2018	39,699	2.1%	39,699	2.1%		9.4	2.0%	48.0%	9.1	2.0%	49.6%
	2019	40,490	2.0%	40,490	2.0%		9.6	2.0%	48.0%	9.3	2.0%	49.6%
	2020	41,387	2.2%	41,387	2.2%		9.8	2.2%	48.0%	9.5	2.2%	49.6%
	2021	42,110	1.7%	42,110	1.7%		10.0	1.7%	48.0%	9.7	1.7%	49.6%
	2022	42,917	1.9%	42,917	1.9%		10.2	1.9%	48.0%	9.9	1.9%	49.6%
	2023	43,729	1.9%	43,729	1.9%		10.4	1.9%	48.0%	10.1	1.9%	49.6%
	2024	44,617	2.0%	44,617	2.0%		10.6	2.0%	48.0%	10.3	2.0%	49.6%
	2025	45,320	1.6%	45,320	1.6%		10.8	1.6%	48.0%	10.4	1.6%	49.6%
	2026	46,096	1.7%	46,096	1.7%		11.0	1.7%	48.0%	10.6	1.7%	49.7%
	2027	46,853	1.6%	46,853	1.6%		11.1	1.6%	48.0%	10.8	1.6%	49.7%
	2028	47,716	1.8%	47,716	1.8%		11.3	1.8%	48.1%	11.0	1.8%	49.7%
	2029	48,387	1.4%	48,387	1.4%		11.5	1.4%	48.1%	11.1	1.4%	49.7%
	2030	49,143	1.6%	49,143	1.6%		11.7	1.6%	48.1%	11.3	1.6%	49.7%
	2031	49,900	1.5%	49,900	1.5%		11.9	1.5%	48.1%	11.5	1.5%	49.7%
	2032	50,760	1.7%	50,760	1.7%		12.1	1.7%	48.1%	11.7	1.7%	49.7%
	2033	51,418	1.3%	51,418	1.3%		12.2	1.3%	48.1%	11.8	1.3%	49.7%
	2034	52,166	1.5%	52,166	1.5%		12.4	1.4%	48.1%	12.0	1.4%	49.7%
	2035	52,912	1.4%	52,912	1.4%		12.6	1.4%	48.1%	12.2	1.4%	49.7%
	2036	53,788	1.7%	53,788	1.7%		12.8	1.7%	48.1%	12.4	1.7%	49.7%
CAGR ^[1]	2007-2016		1.7%		1.3%			2.7%	48.0%		1.3%	49.6%
	2017-2026		1.9%		1.9%			1.9%	48.0%		1.9%	49.6%
	2027-2036		1.5%		1.5%			1.5%	48.1%		1.5%	49.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Severe Weather Case
Newberry
Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	6.7	6.7	5.7	4.8	5.6	6.7	7.1	7.6	6.8	6.0	5.2	5.8	6.7	7.6
	2008	6.8	6.2	5.1	5.0	6.4	7.1	6.8	7.2	7.0	5.7	6.6	6.9	6.8	7.2
	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	6.7	7.3	8.6	8.5
Projected	2017	9.3	8.7	6.0	6.5	7.8	8.7	8.5	9.0	8.3	7.2	6.8	7.4	9.3	9.0
	2018	9.4	8.9	6.1	6.7	8.0	8.9	8.7	9.1	8.4	7.4	7.0	7.6	9.4	9.1
	2019	9.6	9.1	6.3	6.8	8.1	9.0	8.9	9.3	8.6	7.5	7.1	7.7	9.6	9.3
	2020	9.8	9.3	6.4	7.0	8.3	9.2	9.0	9.5	8.8	7.7	7.2	7.9	9.8	9.5
	2021	10.0	9.4	6.5	7.1	8.4	9.4	9.2	9.7	8.9	7.8	7.4	8.0	10.0	9.7
	2022	10.2	9.6	6.6	7.2	8.6	9.6	9.4	9.9	9.1	8.0	7.5	8.2	10.2	9.9
	2023	10.4	9.8	6.7	7.3	8.8	9.8	9.6	10.1	9.3	8.1	7.7	8.3	10.4	10.1
	2024	10.6	10.0	6.9	7.5	8.9	10.0	9.8	10.3	9.5	8.3	7.8	8.5	10.6	10.3
	2025	10.8	10.2	7.0	7.6	9.1	10.1	9.9	10.4	9.6	8.4	7.9	8.6	10.8	10.4
	2026	11.0	10.3	7.1	7.7	9.2	10.3	10.1	10.6	9.8	8.6	8.1	8.7	11.0	10.6
Projected	2027	11.1	10.5	7.2	7.9	9.4	10.4	10.2	10.8	9.9	8.7	8.2	8.9	11.1	10.8
	2028	11.3	10.7	7.4	8.0	9.6	10.6	10.4	11.0	10.1	8.9	8.3	9.0	11.3	11.0
	2029	11.5	10.8	7.5	8.1	9.7	10.8	10.6	11.1	10.3	9.0	8.4	9.2	11.5	11.1
	2030	11.7	11.0	7.6	8.3	9.8	11.0	10.7	11.3	10.4	9.1	8.6	9.3	11.7	11.3
	2031	11.9	11.2	7.7	8.4	10.0	11.1	10.9	11.5	10.6	9.3	8.7	9.5	11.9	11.5
	2032	12.1	11.4	7.8	8.5	10.2	11.3	11.1	11.7	10.8	9.4	8.8	9.6	12.1	11.7
	2033	12.2	11.5	7.9	8.6	10.3	11.5	11.2	11.8	10.9	9.6	9.0	9.7	12.2	11.8
	2034	12.4	11.7	8.0	8.8	10.4	11.6	11.4	12.0	11.1	9.7	9.1	9.9	12.4	12.0
	2035	12.6	11.9	8.2	8.9	10.6	11.8	11.6	12.2	11.2	9.8	9.2	10.0	12.6	12.2
	2036	12.8	12.0	8.3	9.0	10.8	12.0	11.7	12.4	11.4	10.0	9.4	10.2	12.8	12.4

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	49.1%	51.5%	53.5%	61.7%	70.5%	59.2%	63.5%	64.5%	62.4%	60.2%	56.5%	55.8%	54.3%	48.2%
	2008	51.8%	52.3%	61.1%	62.0%	66.6%	57.1%	63.3%	58.4%	60.3%	59.3%	50.2%	51.0%	54.3%	51.1%
	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%	55.5%	52.0%	61.7%	50.3%	50.6%
Projected	2017	54.1%	50.9%	62.7%	54.2%	59.1%	57.1%	62.8%	59.3%	58.3%	54.3%	52.7%	61.3%	48.2%	49.8%
	2018	54.2%	51.0%	62.7%	54.2%	59.1%	57.1%	62.8%	59.3%	58.3%	54.2%	52.7%	61.4%	48.2%	49.8%
	2019	54.2%	51.0%	62.7%	54.1%	59.0%	57.1%	62.8%	59.3%	58.3%	54.3%	52.6%	61.3%	48.2%	49.8%
	2020	54.1%	50.5%	62.5%	54.0%	58.9%	56.9%	62.7%	59.1%	58.2%	54.1%	52.7%	61.4%	48.2%	49.8%
	2021	54.3%	51.1%	62.7%	54.1%	59.0%	57.1%	62.8%	59.2%	58.3%	54.2%	52.7%	61.4%	48.2%	49.8%
	2022	54.3%	51.1%	62.7%	54.1%	59.0%	57.1%	62.8%	59.2%	58.3%	54.2%	52.7%	61.4%	48.2%	49.8%
	2023	54.3%	51.1%	62.7%	54.1%	59.0%	57.0%	62.8%	59.2%	58.3%	54.2%	52.6%	61.3%	48.2%	49.8%
	2024	54.2%	50.6%	62.6%	54.0%	58.9%	56.9%	62.7%	59.1%	58.2%	54.1%	52.7%	61.5%	48.2%	49.8%
	2025	54.4%	51.2%	62.7%	54.1%	59.0%	57.0%	62.8%	59.2%	58.3%	54.2%	52.8%	61.5%	48.2%	49.8%
	2026	54.4%	51.2%	62.7%	54.1%	59.0%	57.0%	62.8%	59.2%	58.3%	54.2%	52.8%	61.5%	48.2%	49.8%
Avg.	2007-2016	49.5%	48.3%	56.1%	56.7%	65.6%	57.9%	63.2%	61.2%	60.7%	56.8%	53.4%	57.4%	48.3%	49.9%
	2017-2026	54.3%	51.0%	62.7%	54.1%	59.0%	57.0%	62.8%	59.2%	58.3%	54.2%	52.7%	61.4%	48.2%	49.8%

FMPA 2017 Load Forecast - Severe Weather Case
Newberry
Monthly Coincident-Peak Demand with ARP (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	6.6	6.4	4.5	4.8	5.6	6.4	7.1	7.5	6.8	5.9	4.5	4.1	6.4	7.5
	2008	6.7	6.0	4.3	5.0	5.7	7.0	6.8	7.2	6.7	5.5	4.5	6.8	6.7	7.2
	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	6.4	6.1	6.3	8.0	8.4
Projected	2017	9.0	8.6	5.5	6.2	7.6	8.3	8.0	8.7	7.7	6.8	6.2	6.5	9.0	8.7
	2018	9.2	8.8	5.6	6.3	7.8	8.4	8.1	8.9	7.9	6.9	6.3	6.6	9.2	8.9
	2019	9.4	9.0	5.7	6.4	7.9	8.6	8.3	9.1	8.0	7.1	6.5	6.7	9.4	9.1
	2020	9.6	9.2	5.9	6.6	8.1	8.8	8.5	9.3	8.2	7.2	6.6	6.9	9.6	9.3
	2021	9.8	9.3	6.0	6.7	8.2	8.9	8.6	9.4	8.4	7.3	6.7	7.0	9.8	9.4
	2022	10.0	9.5	6.1	6.8	8.4	9.1	8.8	9.6	8.5	7.5	6.8	7.1	10.0	9.6
	2023	10.2	9.7	6.2	6.9	8.6	9.3	9.0	9.8	8.7	7.6	7.0	7.3	10.2	9.8
	2024	10.4	9.9	6.3	7.1	8.7	9.5	9.1	10.0	8.9	7.8	7.1	7.4	10.4	10.0
	2025	10.5	10.1	6.4	7.2	8.9	9.6	9.3	10.2	9.0	7.9	7.2	7.5	10.5	10.2
Projected	2026	10.7	10.2	6.5	7.3	9.0	9.8	9.4	10.3	9.2	8.0	7.3	7.6	10.7	10.3
	2027	10.9	10.4	6.6	7.4	9.2	9.9	9.6	10.5	9.3	8.2	7.5	7.8	10.9	10.5
	2028	11.1	10.6	6.8	7.6	9.3	10.1	9.8	10.7	9.5	8.3	7.6	7.9	11.1	10.7
	2029	11.2	10.7	6.9	7.7	9.5	10.3	9.9	10.8	9.6	8.4	7.7	8.0	11.2	10.8
	2030	11.4	10.9	7.0	7.8	9.6	10.4	10.1	11.0	9.8	8.6	7.8	8.1	11.4	11.0
	2031	11.6	11.1	7.1	7.9	9.7	10.6	10.2	11.2	9.9	8.7	7.9	8.3	11.6	11.2
	2032	11.8	11.3	7.2	8.0	9.9	10.8	10.4	11.4	10.1	8.9	8.0	8.4	11.8	11.4
	2033	11.9	11.4	7.3	8.1	10.0	10.9	10.5	11.5	10.2	9.0	8.1	8.5	11.9	11.5
	2034	12.1	11.6	7.4	8.3	10.2	11.1	10.7	11.7	10.4	9.1	8.3	8.6	12.1	11.7
Projected	2035	12.3	11.7	7.5	8.4	10.3	11.2	10.8	11.8	10.5	9.2	8.4	8.8	12.3	11.8
	2036	12.5	11.9	7.6	8.5	10.5	11.4	11.0	12.0	10.7	9.4	8.5	8.9	12.5	12.0

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	98.3%	96.6%	78.9%	100.0%	100.0%	95.7%	100.0%	99.0%	99.0%	98.4%	85.7%	70.6%	95.7%	99.0%
	2008	99.0%	96.6%	85.2%	100.0%	90.4%	99.2%	100.0%	100.0%	96.5%	97.2%	68.1%	97.8%	99.0%	100.0%
	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%
Projected	2016	92.0%	97.8%	100.0%	99.7%	93.8%	99.9%	100.0%	100.0%	92.8%	93.7%	90.9%	87.3%	93.7%	99.3%
	2017	97.8%	99.0%	91.8%	94.3%	97.5%	95.0%	93.7%	97.4%	93.5%	93.7%	90.9%	87.3%	97.8%	97.4%
	2018	97.8%	99.0%	91.8%	94.3%	97.5%	95.0%	93.7%	97.4%	93.5%	93.7%	90.9%	87.3%	97.8%	97.4%
	2019	97.8%	99.0%	91.8%	94.3%	97.5%	95.0%	93.7%	97.4%	93.5%	93.7%	90.9%	87.3%	97.8%	97.4%
	2020	97.8%	99.0%	91.8%	94.3%	97.5%	95.0%	93.7%	97.4%	93.5%	93.7%	90.9%	87.3%	97.8%	97.4%
	2021	97.8%	99.0%	91.8%	94.3%	97.5%	95.0%	93.7%	97.4%	93.5%	93.7%	90.9%	87.3%	97.8%	97.4%
	2022	97.8%	99.0%	91.8%	94.3%	97.5%	95.0%	93.7%	97.4%	93.5%	93.7%	90.9%	87.3%	97.8%	97.4%
	2023	97.8%	99.0%	91.8%	94.3%	97.5%	95.0%	93.7%	97.4%	93.5%	93.7%	90.9%	87.3%	97.8%	97.4%
	2024	97.8%	99.0%	91.8%	94.3%	97.5%	95.0%	93.7%	97.4%	93.5%	93.7%	90.9%	87.3%	97.8%	97.4%
Projected	2025	97.8%	99.0%	91.8%	94.3%	97.5%	95.0%	93.7%	97.4%	93.5%	93.7%	90.9%	87.3%	97.8%	97.4%
	2026	97.8%	99.0%	91.8%	94.3%	97.5%	95.0%	93.7%	97.4%	93.5%	93.7%	90.9%	87.3%	97.8%	97.4%
2007-2016		97.7%	98.3%	90.5%	96.9%	96.8%	96.7%	94.7%	97.0%	95.8%	95.7%	81.2%	88.0%	97.1%	96.8%
2017-2026		97.8%	99.0%	91.8%	94.3%	97.5%	95.0%	93.7%	97.4%	93.5%	93.7%	90.9%	87.3%	97.8%	97.4%

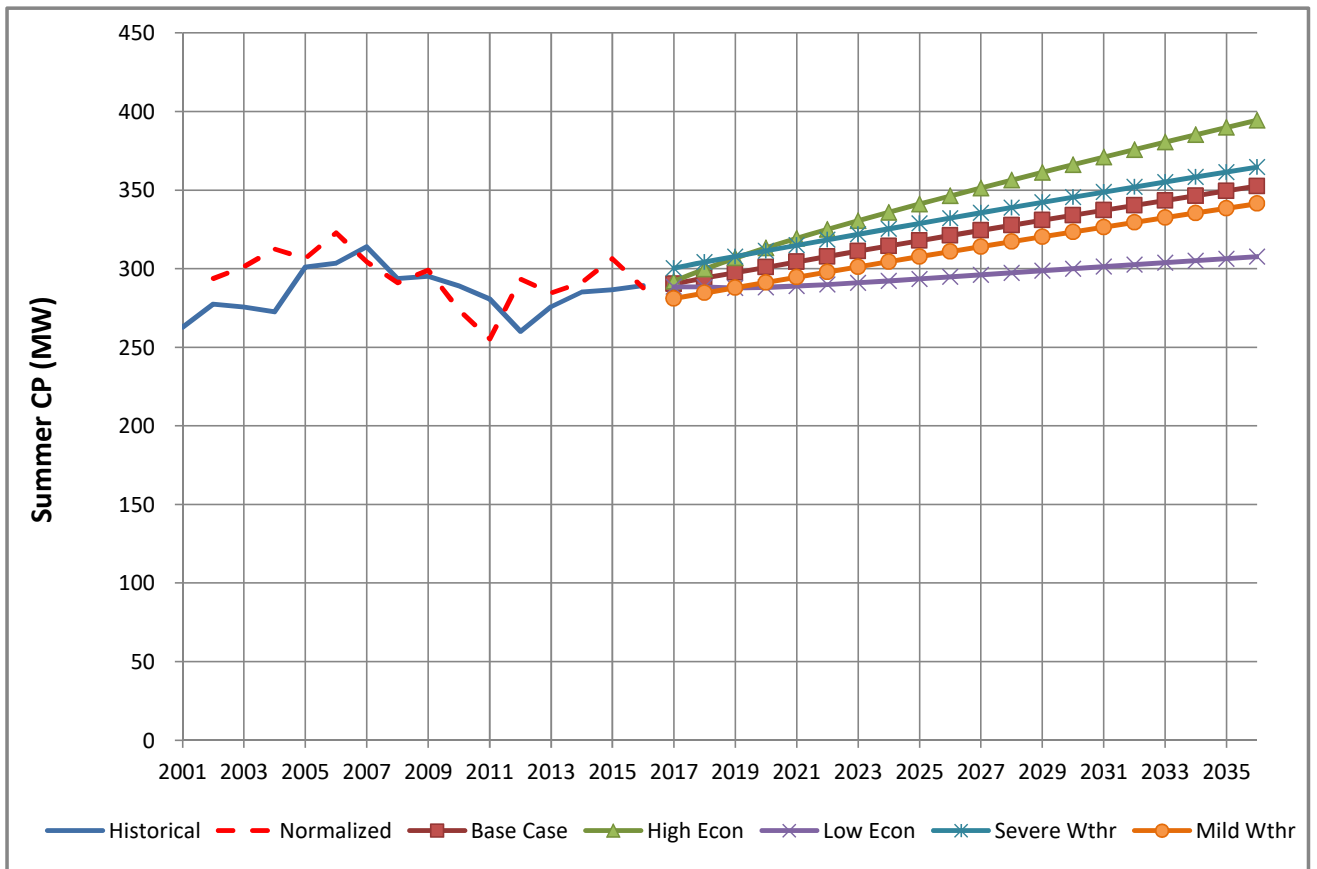
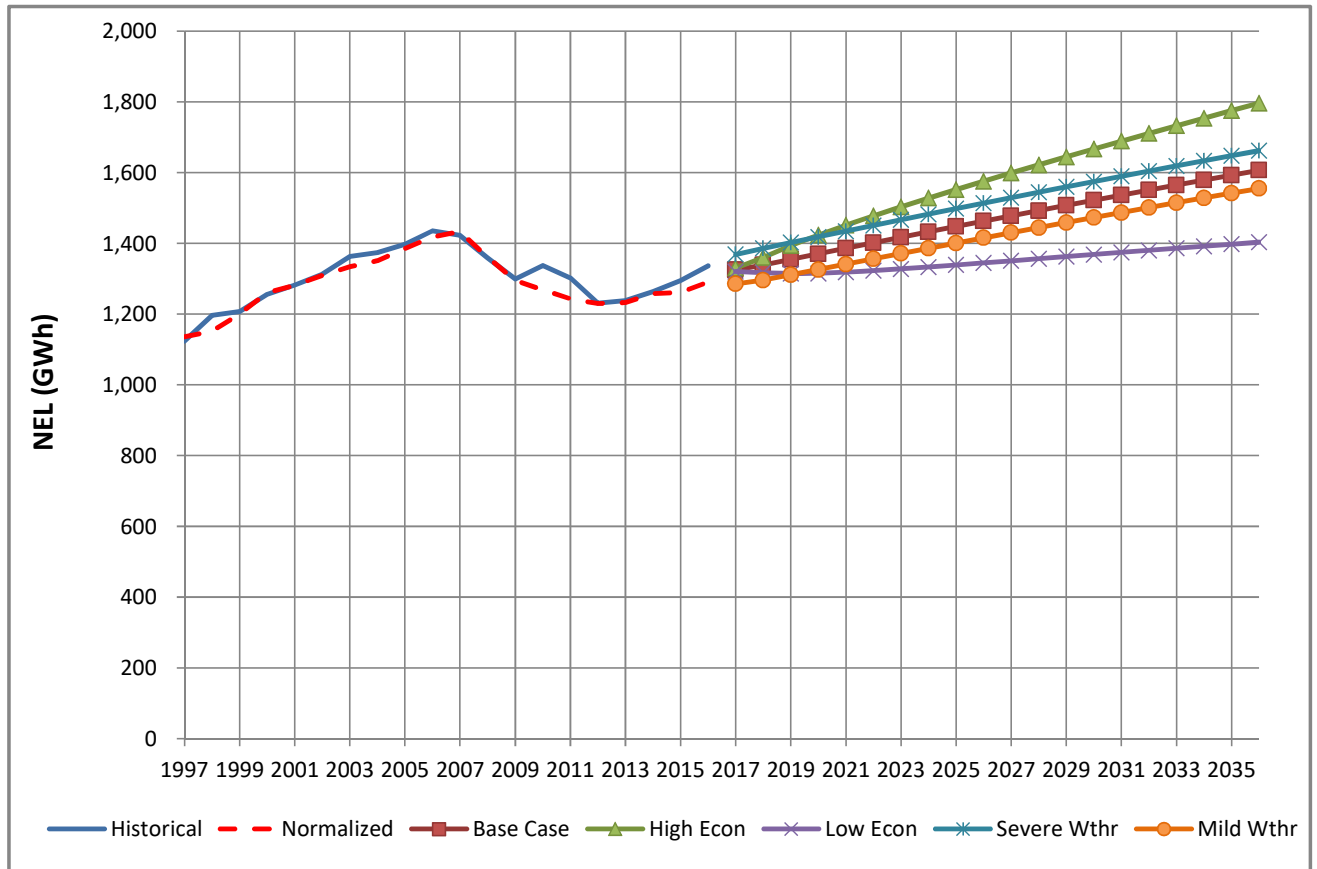
FMPA 2017 Load Forecast - Severe Weather Case - Newberry

Historical and Projected - Energy Sales by Customer Class (Fiscal Year 2007-2036)

Fiscal Year		Residential						General Service						City		TOTAL SALES		DISTR. LOSSES	TOTAL NEL	
		Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(MWh)	% Chg
Historical	2007	14,942		1,140		13,107		13,080		232		56.5		1,617		29,639		2,083	31,722	
	2008	14,217	-4.9%	1,176	3.1%	12,094	-7.7%	13,493	3.2%	230	-0.6%	58.6	3.8%	1,583	-2.1%	29,293	-1.2%	2,542	31,835	0.4%
	2009	15,262	7.4%	1,190	1.2%	12,824	6.0%	13,916	3.1%	234	1.6%	59.5	1.5%	1,657	4.7%	30,835	5.3%	2,208	33,043	3.8%
	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%	32,872	6.6%	1,695	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%	32,296	-1.8%	1,228	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%	30,709	-4.9%	979	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%	30,586	-0.4%	1,551	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%	32,314	5.6%	1,984	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%	34,013	5.3%	2,034	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%	34,412	1.2%	2,523	36,935	2.5%
Projected	2017	20,597	10.0%	1,483	2.0%	13,884	7.8%	14,215	2.9%	239	0.4%	59.5	2.4%	1,974	6.0%	36,785	6.9%	2,078	38,864	5.2%
	2018	21,060	2.3%	1,522	2.6%	13,838	-0.3%	14,427	1.5%	240	0.7%	60.0	0.8%	2,032	3.0%	37,520	2.0%	2,179	39,699	2.1%
	2019	21,509	2.1%	1,558	2.4%	13,805	-0.2%	14,665	1.6%	242	0.5%	60.7	1.2%	2,094	3.0%	38,268	2.0%	2,222	40,490	2.0%
	2020	21,971	2.1%	1,592	2.2%	13,797	-0.1%	14,912	1.7%	243	0.4%	61.5	1.3%	2,155	2.9%	39,038	2.0%	2,349	41,387	2.2%
	2021	22,428	2.1%	1,626	2.1%	13,797	0.0%	15,155	1.6%	244	0.4%	62.2	1.2%	2,216	2.8%	39,799	2.0%	2,310	42,110	1.7%
	2022	22,885	2.0%	1,658	2.0%	13,802	0.0%	15,397	1.6%	244	0.4%	63.0	1.2%	2,280	2.9%	40,562	1.9%	2,355	42,917	1.9%
	2023	23,340	2.0%	1,690	1.9%	13,809	0.0%	15,644	1.6%	245	0.4%	63.8	1.2%	2,345	2.9%	41,330	1.9%	2,399	43,729	1.9%
	2024	23,781	1.9%	1,721	1.8%	13,817	0.1%	15,894	1.6%	246	0.4%	64.6	1.2%	2,410	2.8%	42,085	1.8%	2,532	44,617	2.0%
	2025	24,222	1.9%	1,752	1.8%	13,826	0.1%	16,139	1.5%	247	0.3%	65.4	1.2%	2,473	2.6%	42,834	1.8%	2,486	45,320	1.6%
	2026	24,657	1.8%	1,782	1.7%	13,834	0.1%	16,374	1.5%	248	0.3%	66.1	1.1%	2,535	2.5%	43,567	1.7%	2,529	46,096	1.7%
	2027	25,081	1.7%	1,812	1.7%	13,840	0.0%	16,604	1.4%	249	0.3%	66.8	1.1%	2,597	2.5%	44,282	1.6%	2,570	46,853	1.6%
	2028	25,514	1.7%	1,843	1.7%	13,843	0.0%	16,833	1.4%	249	0.3%	67.5	1.1%	2,661	2.5%	45,008	1.6%	2,708	47,716	1.8%
	2029	25,941	1.7%	1,874	1.7%	13,845	0.0%	17,065	1.4%	250	0.3%	68.2	1.1%	2,727	2.5%	45,733	1.6%	2,654	48,387	1.4%
	2030	26,356	1.6%	1,904	1.6%	13,846	0.0%	17,299	1.4%	251	0.3%	69.0	1.1%	2,793	2.4%	46,448	1.6%	2,696	49,143	1.6%
	2031	26,772	1.6%	1,933	1.6%	13,848	0.0%	17,533	1.4%	252	0.3%	69.7	1.0%	2,858	2.4%	47,163	1.5%	2,737	49,900	1.5%
	2032	27,192	1.6%	1,963	1.6%	13,849	0.0%	17,764	1.3%	252	0.3%	70.4	1.0%	2,924	2.3%	47,880	1.5%	2,880	50,760	1.7%
	2033	27,613	1.6%	1,994	1.5%	13,850	0.0%	17,994	1.3%	253	0.3%	71.1	1.0%	2,991	2.3%	48,598	1.5%	2,820	51,418	1.3%
	2034	28,023	1.5%	2,023	1.5%	13,849	0.0%	18,224	1.3%	254	0.3%	71.8	1.0%	3,058	2.2%	49,305	1.5%	2,861	52,166	1.5%
	2035	28,431	1.5%	2,053	1.5%	13,847	0.0%	18,452	1.3%	254	0.3%	72.5	1.0%	3,126	2.2%	50,010	1.4%	2,902	52,912	1.4%
	2036	28,857	1.5%	2,084	1.5%	13,845	0.0%	18,683	1.2%	255	0.3%	73.2	1.0%	3,196	2.2%	50,736	1.5%	3,052	53,788	1.7%
CAGR	2007-2016		2.5%		2.7%		-0.2%		0.6%		0.3%		0.3%		1.6%		1.7%			1.7%
	2017-2026		2.0%		2.1%		0.0%		1.6%		0.4%		1.2%		2.8%		1.9%			1.9%
	2027-2036		1.6%		1.6%		0.0%		1.3%		0.3%		1.0%		2.3%		1.5%			1.5%

CAGR - Compound Average Growth Rate.

FMPA 2017 Load Forecast **Ocala** Historical and Projected NEL and Annual Coincident Peak Demand



FMPA 2017 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)				
		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	2007	1,422,669	-	1,434,944	-	0.9%	253.6	-	268.9	-	6.0%	313.9	-	304.3	-	-3.1%
	2008	1,359,556	-4.4%	1,363,184	-5.0%	0.3%	274.2	8.1%	264.4	-1.7%	-3.6%	293.6	-6.5%	291.0	-4.4%	-0.9%
	2009	1,299,969	-4.4%	1,296,606	-4.9%	-0.3%	283.1	3.3%	274.3	3.7%	-3.1%	295.2	0.5%	298.9	2.7%	1.3%
	2010	1,337,900	2.9%	1,270,308	-2.0%	-5.1%	320.3	13.1%	277.9	1.3%	-13.2%	289.0	-2.1%	273.8	-8.4%	-5.3%
	2011	1,302,274	-2.7%	1,244,699	-2.0%	-4.4%	277.2	-13.5%	275.9	-0.7%	-0.5%	280.7	-2.9%	254.7	-7.0%	-9.3%
	2012	1,230,559	-5.5%	1,226,120	-1.5%	-0.4%	260.9	-5.9%	246.2	-10.7%	-5.6%	260.1	-7.3%	293.4	15.2%	12.8%
	2013	1,238,467	0.6%	1,232,678	0.5%	-0.5%	234.4	-10.1%	243.9	-0.9%	4.0%	275.8	6.0%	284.6	-3.0%	3.2%
	2014	1,263,334	2.0%	1,258,423	2.1%	-0.4%	253.2	8.0%	266.7	9.4%	5.4%	285.1	3.4%	291.3	2.4%	2.2%
	2015	1,294,771	2.5%	1,261,972	0.3%	-2.5%	275.5	8.8%	271.0	1.6%	-1.6%	286.6	0.5%	306.2	5.1%	6.9%
	2016	1,336,499	3.2%	1,290,297	2.2%	-3.5%	250.9	-8.9%	272.3	0.5%	8.5%	289.3	0.9%	287.8	-6.0%	-0.5%
Projected	2017	1,320,525	-1.2%	1,320,525	2.3%		271.6	8.3%	271.6	-0.2%		288.4	-0.3%	288.4	0.2%	
	2018			1,317,230	-0.2%				271.6	0.0%				288.4	0.0%	
	2019			1,314,855	-0.2%				271.0	-0.2%				287.8	-0.2%	
	2020			1,315,181	0.0%				271.3	0.1%				288.1	0.1%	
	2021			1,318,604	0.3%				272.1	0.3%				288.9	0.3%	
	2022			1,322,887	0.3%				273.0	0.3%				289.9	0.3%	
	2023			1,327,776	0.4%				274.0	0.4%				291.0	0.4%	
	2024			1,333,232	0.4%				275.2	0.4%				292.2	0.4%	
	2025			1,338,964	0.4%				276.4	0.4%				293.5	0.4%	
	2026			1,344,755	0.4%				277.6	0.4%				294.7	0.4%	
	2027			1,350,625	0.4%				278.8	0.4%				296.0	0.4%	
	2028			1,356,586	0.4%				280.0	0.4%				297.3	0.4%	
	2029			1,362,576	0.4%				281.3	0.4%				298.7	0.4%	
	2030			1,368,629	0.4%				282.5	0.4%				300.0	0.4%	
	2031			1,374,518	0.4%				283.7	0.4%				301.3	0.4%	
	2032			1,380,421	0.4%				284.9	0.4%				302.6	0.4%	
	2033			1,386,305	0.4%				286.1	0.4%				303.8	0.4%	
	2034			1,392,017	0.4%				287.3	0.4%				305.1	0.4%	
	2035			1,397,651	0.4%				288.5	0.4%				306.3	0.4%	
	2036			1,403,492	0.4%				289.7	0.4%				307.6	0.4%	
CAGR ^[3]	2007-2016		-0.7%		-1.2%			-0.1%		0.1%			-0.9%		-0.6%	
	2017-2026				0.2%					0.2%					0.2%	
	2027-2036				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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	1,422,669	-	1,434,944	-	0.9%	255.6	-	63.5%	315.2	-	51.5%
	2008	1,359,556	-4.4%	1,363,184	-5.0%	0.3%	274.4	7.4%	56.6%	294.1	-6.7%	52.8%
	2009	1,299,969	-4.4%	1,296,606	-4.9%	-0.3%	297.3	8.3%	49.9%	295.2	0.4%	50.3%
	2010	1,337,900	2.9%	1,270,308	-2.0%	-5.1%	320.3	7.7%	47.7%	289.0	-2.1%	52.8%
	2011	1,302,274	-2.7%	1,244,699	-2.0%	-4.4%	279.6	-12.7%	53.2%	282.8	-2.2%	52.6%
	2012	1,230,559	-5.5%	1,226,120	-1.5%	-0.4%	260.9	-6.7%	53.9%	264.6	-6.4%	53.1%
	2013	1,238,467	0.6%	1,232,678	0.5%	-0.5%	236.1	-9.5%	59.9%	275.8	4.2%	51.3%
	2014	1,263,334	2.0%	1,258,423	2.1%	-0.4%	253.2	7.2%	57.0%	285.1	3.4%	50.6%
	2015	1,294,771	2.5%	1,261,972	0.3%	-2.5%	275.5	8.8%	53.7%	286.6	0.5%	51.6%
	2016	1,336,499	3.2%	1,290,297	2.2%	-3.5%	257.3	-6.6%	59.3%	295.3	3.0%	51.7%
Projected	2017	1,320,525	-1.2%	1,320,525	2.3%		271.6	5.6%	55.5%	290.7	-1.5%	51.9%
	2018	1,317,230	-0.2%	1,317,230	-0.2%		271.6	0.0%	55.4%	290.6	0.0%	51.7%
	2019	1,314,855	-0.2%	1,314,855	-0.2%		271.0	-0.2%	55.4%	290.1	-0.2%	51.7%
	2020	1,315,181	0.0%	1,315,181	0.0%		271.3	0.1%	55.3%	290.4	0.1%	51.7%
	2021	1,318,604	0.3%	1,318,604	0.3%		272.1	0.3%	55.3%	291.2	0.3%	51.7%
	2022	1,322,887	0.3%	1,322,887	0.3%		273.0	0.3%	55.3%	292.2	0.3%	51.7%
	2023	1,327,776	0.4%	1,327,776	0.4%		274.1	0.4%	55.3%	293.3	0.4%	51.7%
	2024	1,333,232	0.4%	1,333,232	0.4%		275.2	0.4%	55.3%	294.5	0.4%	51.7%
	2025	1,338,964	0.4%	1,338,964	0.4%		276.4	0.4%	55.3%	295.8	0.4%	51.7%
	2026	1,344,755	0.4%	1,344,755	0.4%		277.6	0.4%	55.3%	297.1	0.4%	51.7%
	2027	1,350,625	0.4%	1,350,625	0.4%		278.8	0.4%	55.3%	298.4	0.4%	51.7%
	2028	1,356,586	0.4%	1,356,586	0.4%		280.0	0.4%	55.3%	299.7	0.4%	51.7%
	2029	1,362,576	0.4%	1,362,576	0.4%		281.3	0.4%	55.3%	301.0	0.4%	51.7%
	2030	1,368,629	0.4%	1,368,629	0.4%		282.5	0.4%	55.3%	302.3	0.4%	51.7%
	2031	1,374,518	0.4%	1,374,518	0.4%		283.7	0.4%	55.3%	303.6	0.4%	51.7%
	2032	1,380,421	0.4%	1,380,421	0.4%		284.9	0.4%	55.3%	304.9	0.4%	51.7%
	2033	1,386,305	0.4%	1,386,305	0.4%		286.1	0.4%	55.3%	306.2	0.4%	51.7%
	2034	1,392,017	0.4%	1,392,017	0.4%		287.3	0.4%	55.3%	307.5	0.4%	51.7%
	2035	1,397,651	0.4%	1,397,651	0.4%		288.5	0.4%	55.3%	308.7	0.4%	51.7%
	2036	1,403,492	0.4%	1,403,492	0.4%		289.7	0.4%	55.3%	310.0	0.4%	51.7%
CAGR ^[1]	2007-2016		-0.7%		-1.2%			0.1%	55.5%		-0.7%	51.8%
	2017-2026		0.2%		0.2%			0.2%	55.3%		0.2%	51.7%
	2027-2036		0.4%		0.4%			0.4%	55.3%		0.4%	51.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 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)				
		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	2007	1,422,669	-	1,434,944	-	0.9%	253.6	-	268.9	-	6.0%	313.9	-	304.3	-	-3.1%
	2008	1,359,556	-4.4%	1,363,184	-5.0%	0.3%	274.2	8.1%	264.4	-1.7%	-3.6%	293.6	-6.5%	291.0	-4.4%	-0.9%
	2009	1,299,969	-4.4%	1,296,606	-4.9%	-0.3%	283.1	3.3%	274.3	3.7%	-3.1%	295.2	0.5%	298.9	2.7%	1.3%
	2010	1,337,900	2.9%	1,270,308	-2.0%	-5.1%	320.3	13.1%	277.9	1.3%	-13.2%	289.0	-2.1%	273.8	-8.4%	-5.3%
	2011	1,302,274	-2.7%	1,244,699	-2.0%	-4.4%	277.2	-13.5%	275.9	-0.7%	-0.5%	280.7	-2.9%	254.7	-7.0%	-9.3%
	2012	1,230,559	-5.5%	1,226,120	-1.5%	-0.4%	260.9	-5.9%	246.2	-10.7%	-5.6%	260.1	-7.3%	293.4	15.2%	12.8%
	2013	1,238,467	0.6%	1,232,678	0.5%	-0.5%	234.4	-10.1%	243.9	-0.9%	4.0%	275.8	6.0%	284.6	-3.0%	3.2%
	2014	1,263,334	2.0%	1,258,423	2.1%	-0.4%	253.2	8.0%	266.7	9.4%	5.4%	285.1	3.4%	291.3	2.4%	2.2%
	2015	1,294,771	2.5%	1,261,972	0.3%	-2.5%	275.5	8.8%	271.0	1.6%	-1.6%	286.6	0.5%	306.2	5.1%	6.9%
	2016	1,336,499	3.2%	1,290,297	2.2%	-3.5%	250.9	-8.9%	272.3	0.5%	8.5%	289.3	0.9%	287.8	-6.0%	-0.5%
Projected	2017	1,330,128	-0.5%	1,330,128	3.1%		275.0	9.6%	275.0	1.0%		292.0	1.0%	292.0	1.5%	
	2018			1,360,336	2.3%				282.2	2.6%				299.6	2.6%	
	2019			1,393,918	2.5%				288.9	2.4%				306.8	2.4%	
	2020			1,423,779	2.1%				295.0	2.1%				313.2	2.1%	
	2021			1,451,861	2.0%				300.7	1.9%				319.3	1.9%	
	2022			1,478,161	1.8%				306.0	1.8%				325.0	1.8%	
	2023			1,503,413	1.7%				311.2	1.7%				330.5	1.7%	
	2024			1,528,081	1.6%				316.3	1.6%				335.8	1.6%	
	2025			1,552,296	1.6%				321.2	1.6%				341.1	1.6%	
	2026			1,575,794	1.5%				326.1	1.5%				346.2	1.5%	
	2027			1,598,956	1.5%				330.8	1.5%				351.3	1.5%	
	2028			1,621,919	1.4%				335.5	1.4%				356.3	1.4%	
	2029			1,644,496	1.4%				340.2	1.4%				361.2	1.4%	
	2030			1,666,907	1.4%				344.8	1.4%				366.1	1.4%	
	2031			1,689,093	1.3%				349.4	1.3%				371.0	1.3%	
	2032			1,710,912	1.3%				353.8	1.3%				375.7	1.3%	
	2033			1,732,477	1.3%				358.3	1.3%				380.4	1.3%	
	2034			1,753,898	1.2%				362.7	1.2%				385.1	1.2%	
	2035			1,775,188	1.2%				367.1	1.2%				389.8	1.2%	
	2036			1,796,470	1.2%				371.5	1.2%				394.4	1.2%	
CAGR ^[3]	2007-2016		-0.7%		-1.2%			-0.1%		0.1%			-0.9%		-0.6%	
	2017-2026				1.9%					1.9%					1.9%	
	2027-2036				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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	1,422,669	-	1,434,944	-	0.9%	255.6	-	63.5%	315.2	-	51.5%
	2008	1,359,556	-4.4%	1,363,184	-5.0%	0.3%	274.4	7.4%	56.6%	294.1	-6.7%	52.8%
	2009	1,299,969	-4.4%	1,296,606	-4.9%	-0.3%	297.3	8.3%	49.9%	295.2	0.4%	50.3%
	2010	1,337,900	2.9%	1,270,308	-2.0%	-5.1%	320.3	7.7%	47.7%	289.0	-2.1%	52.8%
	2011	1,302,274	-2.7%	1,244,699	-2.0%	-4.4%	279.6	-12.7%	53.2%	282.8	-2.2%	52.6%
	2012	1,230,559	-5.5%	1,226,120	-1.5%	-0.4%	260.9	-6.7%	53.9%	264.6	-6.4%	53.1%
	2013	1,238,467	0.6%	1,232,678	0.5%	-0.5%	236.1	-9.5%	59.9%	275.8	4.2%	51.3%
	2014	1,263,334	2.0%	1,258,423	2.1%	-0.4%	253.2	7.2%	57.0%	285.1	3.4%	50.6%
	2015	1,294,771	2.5%	1,261,972	0.3%	-2.5%	275.5	8.8%	53.7%	286.6	0.5%	51.6%
	2016	1,336,499	3.2%	1,290,297	2.2%	-3.5%	257.3	-6.6%	59.3%	295.3	3.0%	51.7%
Projected	2017	1,330,128	-0.5%	1,330,128	3.1%		275.0	6.9%	55.2%	294.3	-0.3%	51.6%
	2018	1,360,336	2.3%	1,360,336	2.3%		282.2	2.6%	55.0%	302.0	2.6%	51.4%
	2019	1,393,918	2.5%	1,393,918	2.5%		289.0	2.4%	55.1%	309.2	2.4%	51.5%
	2020	1,423,779	2.1%	1,423,779	2.1%		295.0	2.1%	55.1%	315.7	2.1%	51.5%
	2021	1,451,861	2.0%	1,451,861	2.0%		300.7	1.9%	55.1%	321.8	1.9%	51.5%
	2022	1,478,161	1.8%	1,478,161	1.8%		306.0	1.8%	55.1%	327.5	1.8%	51.5%
	2023	1,503,413	1.7%	1,503,413	1.7%		311.2	1.7%	55.1%	333.1	1.7%	51.5%
	2024	1,528,081	1.6%	1,528,081	1.6%		316.3	1.6%	55.2%	338.5	1.6%	51.5%
	2025	1,552,296	1.6%	1,552,296	1.6%		321.2	1.6%	55.2%	343.8	1.6%	51.5%
	2026	1,575,794	1.5%	1,575,794	1.5%		326.1	1.5%	55.2%	349.0	1.5%	51.5%
	2027	1,598,956	1.5%	1,598,956	1.5%		330.8	1.5%	55.2%	354.1	1.5%	51.6%
	2028	1,621,919	1.4%	1,621,919	1.4%		335.5	1.4%	55.2%	359.1	1.4%	51.6%
	2029	1,644,496	1.4%	1,644,496	1.4%		340.2	1.4%	55.2%	364.1	1.4%	51.6%
	2030	1,666,907	1.4%	1,666,907	1.4%		344.8	1.4%	55.2%	369.0	1.4%	51.6%
	2031	1,689,093	1.3%	1,689,093	1.3%		349.4	1.3%	55.2%	373.9	1.3%	51.6%
	2032	1,710,912	1.3%	1,710,912	1.3%		353.8	1.3%	55.2%	378.7	1.3%	51.6%
	2033	1,732,477	1.3%	1,732,477	1.3%		358.3	1.3%	55.2%	383.4	1.3%	51.6%
	2034	1,753,898	1.2%	1,753,898	1.2%		362.7	1.2%	55.2%	388.2	1.2%	51.6%
	2035	1,775,188	1.2%	1,775,188	1.2%		367.1	1.2%	55.2%	392.9	1.2%	51.6%
	2036	1,796,470	1.2%	1,796,470	1.2%		371.5	1.2%	55.2%	397.6	1.2%	51.6%
CAGR ^[1]	2007-2016		-0.7%		-1.2%			0.1%	55.5%		-0.7%	51.8%
	2017-2026		1.9%		1.9%			1.9%	55.1%		1.9%	51.5%
	2027-2036		1.3%		1.3%			1.3%	55.2%		1.3%	51.6%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 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)
Historical	2007	1,422,669	-	1,434,944	-	0.9%	253.6	-	268.9	-	6.0%	313.9	-	304.3	-	-3.1%
	2008	1,359,556	-4.4%	1,363,184	-5.0%	0.3%	274.2	8.1%	264.4	-1.7%	-3.6%	293.6	-6.5%	291.0	-4.4%	-0.9%
	2009	1,299,969	-4.4%	1,296,606	-4.9%	-0.3%	283.1	3.3%	274.3	3.7%	-3.1%	295.2	0.5%	298.9	2.7%	1.3%
	2010	1,337,900	2.9%	1,270,308	-2.0%	-5.1%	320.3	13.1%	277.9	1.3%	-13.2%	289.0	-2.1%	273.8	-8.4%	-5.3%
	2011	1,302,274	-2.7%	1,244,699	-2.0%	-4.4%	277.2	-13.5%	275.9	-0.7%	-0.5%	280.7	-2.9%	254.7	-7.0%	-9.3%
	2012	1,230,559	-5.5%	1,226,120	-1.5%	-0.4%	260.9	-5.9%	246.2	-10.7%	-5.6%	260.1	-7.3%	293.4	15.2%	12.8%
	2013	1,238,467	0.6%	1,232,678	0.5%	-0.5%	234.4	-10.1%	243.9	-0.9%	4.0%	275.8	6.0%	284.6	-3.0%	3.2%
	2014	1,263,334	2.0%	1,258,423	2.1%	-0.4%	253.2	8.0%	266.7	9.4%	5.4%	285.1	3.4%	291.3	2.4%	2.2%
	2015	1,294,771	2.5%	1,261,972	0.3%	-2.5%	275.5	8.8%	271.0	1.6%	-1.6%	286.6	0.5%	306.2	5.1%	6.9%
	2016	1,336,499	3.2%	1,290,297	2.2%	-3.5%	250.9	-8.9%	272.3	0.5%	8.5%	289.3	0.9%	287.8	-6.0%	-0.5%
Projected	2017	1,285,486	-3.8%	1,285,486	-0.4%		264.6	5.5%	264.6	-2.8%		280.9	-2.9%	280.9	-2.4%	
	2018			1,295,629	0.8%				268.0	1.3%				284.6	1.3%	
	2019			1,310,923	1.2%				271.1	1.1%				287.9	1.1%	
	2020			1,325,921	1.1%				274.2	1.2%				291.2	1.2%	
	2021			1,341,407	1.2%				277.4	1.2%				294.6	1.2%	
	2022			1,356,475	1.1%				280.5	1.1%				297.9	1.1%	
	2023			1,371,466	1.1%				283.6	1.1%				301.1	1.1%	
	2024			1,386,391	1.1%				286.7	1.1%				304.4	1.1%	
	2025			1,401,245	1.1%				289.7	1.1%				307.6	1.1%	
	2026			1,415,786	1.0%				292.7	1.0%				310.8	1.0%	
	2027			1,430,287	1.0%				295.7	1.0%				314.0	1.0%	
	2028			1,444,632	1.0%				298.7	1.0%				317.1	1.0%	
	2029			1,458,933	1.0%				301.6	1.0%				320.3	1.0%	
	2030			1,473,033	1.0%				304.5	1.0%				323.3	1.0%	
	2031			1,487,083	1.0%				307.4	1.0%				326.4	1.0%	
	2032			1,501,024	0.9%				310.3	0.9%				329.5	0.9%	
	2033			1,514,788	0.9%				313.1	0.9%				332.5	0.9%	
	2034			1,528,288	0.9%				315.9	0.9%				335.4	0.9%	
	2035			1,541,775	0.9%				318.7	0.9%				338.4	0.9%	
2036			1,555,348	0.9%				321.5	0.9%				341.3	0.9%		
CAGR ^[3]	2007-2016		-0.7%		-1.2%			-0.1%		0.1%			-0.9%		-0.6%	
	2017-2026				1.1%					1.1%					1.1%	
	2027-2036				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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	1,422,669	-	1,434,944	-	0.9%	255.6	-	63.5%	315.2	-	51.5%
	2008	1,359,556	-4.4%	1,363,184	-5.0%	0.3%	274.4	7.4%	56.6%	294.1	-6.7%	52.8%
	2009	1,299,969	-4.4%	1,296,606	-4.9%	-0.3%	297.3	8.3%	49.9%	295.2	0.4%	50.3%
	2010	1,337,900	2.9%	1,270,308	-2.0%	-5.1%	320.3	7.7%	47.7%	289.0	-2.1%	52.8%
	2011	1,302,274	-2.7%	1,244,699	-2.0%	-4.4%	279.6	-12.7%	53.2%	282.8	-2.2%	52.6%
	2012	1,230,559	-5.5%	1,226,120	-1.5%	-0.4%	260.9	-6.7%	53.9%	264.6	-6.4%	53.1%
	2013	1,238,467	0.6%	1,232,678	0.5%	-0.5%	236.1	-9.5%	59.9%	275.8	4.2%	51.3%
	2014	1,263,334	2.0%	1,258,423	2.1%	-0.4%	253.2	7.2%	57.0%	285.1	3.4%	50.6%
	2015	1,294,771	2.5%	1,261,972	0.3%	-2.5%	275.5	8.8%	53.7%	286.6	0.5%	51.6%
	2016	1,336,499	3.2%	1,290,297	2.2%	-3.5%	257.3	-6.6%	59.3%	295.3	3.0%	51.7%
Projected	2017	1,285,486	-3.8%	1,285,486	-0.4%		264.6	2.9%	55.5%	283.2	-4.1%	51.8%
	2018	1,295,629	0.8%	1,295,629	0.8%		268.0	1.3%	55.2%	286.9	1.3%	51.6%
	2019	1,310,923	1.2%	1,310,923	1.2%		271.1	1.1%	55.2%	290.1	1.1%	51.6%
	2020	1,325,921	1.1%	1,325,921	1.1%		274.2	1.2%	55.2%	293.5	1.2%	51.6%
	2021	1,341,407	1.2%	1,341,407	1.2%		277.4	1.2%	55.2%	296.9	1.2%	51.6%
	2022	1,356,475	1.1%	1,356,475	1.1%		280.5	1.1%	55.2%	300.2	1.1%	51.6%
	2023	1,371,466	1.1%	1,371,466	1.1%		283.6	1.1%	55.2%	303.5	1.1%	51.6%
	2024	1,386,391	1.1%	1,386,391	1.1%		286.7	1.1%	55.2%	306.8	1.1%	51.6%
	2025	1,401,245	1.1%	1,401,245	1.1%		289.7	1.1%	55.2%	310.1	1.1%	51.6%
	2026	1,415,786	1.0%	1,415,786	1.0%		292.7	1.0%	55.2%	313.3	1.0%	51.6%
	2027	1,430,287	1.0%	1,430,287	1.0%		295.7	1.0%	55.2%	316.5	1.0%	51.6%
	2028	1,444,632	1.0%	1,444,632	1.0%		298.7	1.0%	55.2%	319.6	1.0%	51.6%
	2029	1,458,933	1.0%	1,458,933	1.0%		301.6	1.0%	55.2%	322.8	1.0%	51.6%
	2030	1,473,033	1.0%	1,473,033	1.0%		304.5	1.0%	55.2%	325.9	1.0%	51.6%
	2031	1,487,083	1.0%	1,487,083	1.0%		307.4	1.0%	55.2%	329.0	1.0%	51.6%
	2032	1,501,024	0.9%	1,501,024	0.9%		310.3	0.9%	55.2%	332.1	0.9%	51.6%
	2033	1,514,788	0.9%	1,514,788	0.9%		313.1	0.9%	55.2%	335.1	0.9%	51.6%
	2034	1,528,288	0.9%	1,528,288	0.9%		315.9	0.9%	55.2%	338.1	0.9%	51.6%
	2035	1,541,775	0.9%	1,541,775	0.9%		318.7	0.9%	55.2%	341.0	0.9%	51.6%
	2036	1,555,348	0.9%	1,555,348	0.9%		321.5	0.9%	55.2%	344.0	0.9%	51.6%
CAGR ^[1]	2007-2016		-0.7%		-1.2%			0.1%	55.5%		-0.7%	51.8%
	2017-2026		1.1%		1.1%			1.1%	55.2%		1.1%	51.6%
	2027-2036		0.9%		0.9%			0.9%	55.2%		0.9%	51.6%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Severe 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)				
		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	2007	1,422,669	-	1,434,944	-	0.9%	253.6	-	268.9	-	6.0%	313.9	-	304.3	-	-3.1%
	2008	1,359,556	-4.4%	1,363,184	-5.0%	0.3%	274.2	8.1%	264.4	-1.7%	-3.6%	293.6	-6.5%	291.0	-4.4%	-0.9%
	2009	1,299,969	-4.4%	1,296,606	-4.9%	-0.3%	283.1	3.3%	274.3	3.7%	-3.1%	295.2	0.5%	298.9	2.7%	1.3%
	2010	1,337,900	2.9%	1,270,308	-2.0%	-5.1%	320.3	13.1%	277.9	1.3%	-13.2%	289.0	-2.1%	273.8	-8.4%	-5.3%
	2011	1,302,274	-2.7%	1,244,699	-2.0%	-4.4%	277.2	-13.5%	275.9	-0.7%	-0.5%	280.7	-2.9%	254.7	-7.0%	-9.3%
	2012	1,230,559	-5.5%	1,226,120	-1.5%	-0.4%	260.9	-5.9%	246.2	-10.7%	-5.6%	260.1	-7.3%	293.4	15.2%	12.8%
	2013	1,238,467	0.6%	1,232,678	0.5%	-0.5%	234.4	-10.1%	243.9	-0.9%	4.0%	275.8	6.0%	284.6	-3.0%	3.2%
	2014	1,263,334	2.0%	1,258,423	2.1%	-0.4%	253.2	8.0%	266.7	9.4%	5.4%	285.1	3.4%	291.3	2.4%	2.2%
	2015	1,294,771	2.5%	1,261,972	0.3%	-2.5%	275.5	8.8%	271.0	1.6%	-1.6%	286.6	0.5%	306.2	5.1%	6.9%
	2016	1,336,499	3.2%	1,290,297	2.2%	-3.5%	250.9	-8.9%	272.3	0.5%	8.5%	289.3	0.9%	287.8	-6.0%	-0.5%
Projected	2017	1,368,708	2.4%	1,368,708	6.1%		282.8	12.7%	282.8	3.9%		300.3	3.8%	300.3	4.3%	
	2018			1,385,884	1.3%				286.5	1.3%				304.3	1.3%	
	2019			1,402,192	1.2%				289.8	1.1%				307.7	1.1%	
	2020			1,418,150	1.1%				293.1	1.2%				311.3	1.2%	
	2021			1,434,669	1.2%				296.5	1.2%				314.9	1.2%	
	2022			1,450,715	1.1%				299.8	1.1%				318.4	1.1%	
	2023			1,466,665	1.1%				303.1	1.1%				321.9	1.1%	
	2024			1,482,542	1.1%				306.4	1.1%				325.3	1.1%	
	2025			1,498,347	1.1%				309.6	1.1%				328.8	1.1%	
	2026			1,513,804	1.0%				312.8	1.0%				332.2	1.0%	
	2027			1,529,232	1.0%				316.0	1.0%				335.5	1.0%	
	2028			1,544,495	1.0%				319.1	1.0%				338.9	1.0%	
	2029			1,559,713	1.0%				322.3	1.0%				342.2	1.0%	
	2030			1,574,710	1.0%				325.3	1.0%				345.5	1.0%	
	2031			1,589,650	0.9%				328.4	0.9%				348.7	0.9%	
	2032			1,604,472	0.9%				331.5	0.9%				352.0	0.9%	
	2033			1,619,103	0.9%				334.5	0.9%				355.2	0.9%	
	2034			1,633,447	0.9%				337.4	0.9%				358.3	0.9%	
	2035			1,647,784	0.9%				340.4	0.9%				361.4	0.9%	
	2036			1,662,220	0.9%				343.4	0.9%				364.6	0.9%	
CAGR ^[3]	2007-2016		-0.7%		-1.2%			-0.1%		0.1%			-0.9%		-0.6%	
	2017-2026				1.1%					1.1%					1.1%	
	2027-2036				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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	1,422,669	-	1,434,944	-	0.9%	255.6	-	63.5%	315.2	-	51.5%
	2008	1,359,556	-4.4%	1,363,184	-5.0%	0.3%	274.4	7.4%	56.6%	294.1	-6.7%	52.8%
	2009	1,299,969	-4.4%	1,296,606	-4.9%	-0.3%	297.3	8.3%	49.9%	295.2	0.4%	50.3%
	2010	1,337,900	2.9%	1,270,308	-2.0%	-5.1%	320.3	7.7%	47.7%	289.0	-2.1%	52.8%
	2011	1,302,274	-2.7%	1,244,699	-2.0%	-4.4%	279.6	-12.7%	53.2%	282.8	-2.2%	52.6%
	2012	1,230,559	-5.5%	1,226,120	-1.5%	-0.4%	260.9	-6.7%	53.9%	264.6	-6.4%	53.1%
	2013	1,238,467	0.6%	1,232,678	0.5%	-0.5%	236.1	-9.5%	59.9%	275.8	4.2%	51.3%
	2014	1,263,334	2.0%	1,258,423	2.1%	-0.4%	253.2	7.2%	57.0%	285.1	3.4%	50.6%
	2015	1,294,771	2.5%	1,261,972	0.3%	-2.5%	275.5	8.8%	53.7%	286.6	0.5%	51.6%
	2016	1,336,499	3.2%	1,290,297	2.2%	-3.5%	257.3	-6.6%	59.3%	295.3	3.0%	51.7%
Projected	2017	1,368,708	2.4%	1,368,708	6.1%		282.8	9.9%	55.2%	302.7	2.5%	51.6%
	2018	1,385,884	1.3%	1,385,884	1.3%		286.5	1.3%	55.2%	306.7	1.3%	51.6%
	2019	1,402,192	1.2%	1,402,192	1.2%		289.8	1.1%	55.2%	310.2	1.1%	51.6%
	2020	1,418,150	1.1%	1,418,150	1.1%		293.1	1.2%	55.2%	313.7	1.2%	51.6%
	2021	1,434,669	1.2%	1,434,669	1.2%		296.5	1.2%	55.2%	317.4	1.2%	51.6%
	2022	1,450,715	1.1%	1,450,715	1.1%		299.8	1.1%	55.2%	320.9	1.1%	51.6%
	2023	1,466,665	1.1%	1,466,665	1.1%		303.1	1.1%	55.2%	324.4	1.1%	51.6%
	2024	1,482,542	1.1%	1,482,542	1.1%		306.4	1.1%	55.2%	327.9	1.1%	51.6%
	2025	1,498,347	1.1%	1,498,347	1.1%		309.6	1.1%	55.2%	331.4	1.1%	51.6%
	2026	1,513,804	1.0%	1,513,804	1.0%		312.8	1.0%	55.2%	334.8	1.0%	51.6%
	2027	1,529,232	1.0%	1,529,232	1.0%		316.0	1.0%	55.2%	338.2	1.0%	51.6%
	2028	1,544,495	1.0%	1,544,495	1.0%		319.1	1.0%	55.2%	341.5	1.0%	51.6%
	2029	1,559,713	1.0%	1,559,713	1.0%		322.3	1.0%	55.3%	344.9	1.0%	51.6%
	2030	1,574,710	1.0%	1,574,710	1.0%		325.3	1.0%	55.3%	348.2	1.0%	51.6%
	2031	1,589,650	0.9%	1,589,650	0.9%		328.4	0.9%	55.3%	351.5	0.9%	51.6%
	2032	1,604,472	0.9%	1,604,472	0.9%		331.5	0.9%	55.3%	354.8	0.9%	51.6%
	2033	1,619,103	0.9%	1,619,103	0.9%		334.5	0.9%	55.3%	358.0	0.9%	51.6%
	2034	1,633,447	0.9%	1,633,447	0.9%		337.4	0.9%	55.3%	361.1	0.9%	51.6%
	2035	1,647,784	0.9%	1,647,784	0.9%		340.4	0.9%	55.3%	364.3	0.9%	51.6%
	2036	1,662,220	0.9%	1,662,220	0.9%		343.4	0.9%	55.3%	367.5	0.9%	51.6%
CAGR ^[1]	2007-2016		-0.7%		-1.2%			0.1%	55.5%		-0.7%	51.8%
	2017-2026		1.1%		1.1%			1.1%	55.2%		1.1%	51.6%
	2027-2036		0.9%		0.9%			0.9%	55.3%		0.9%	51.6%

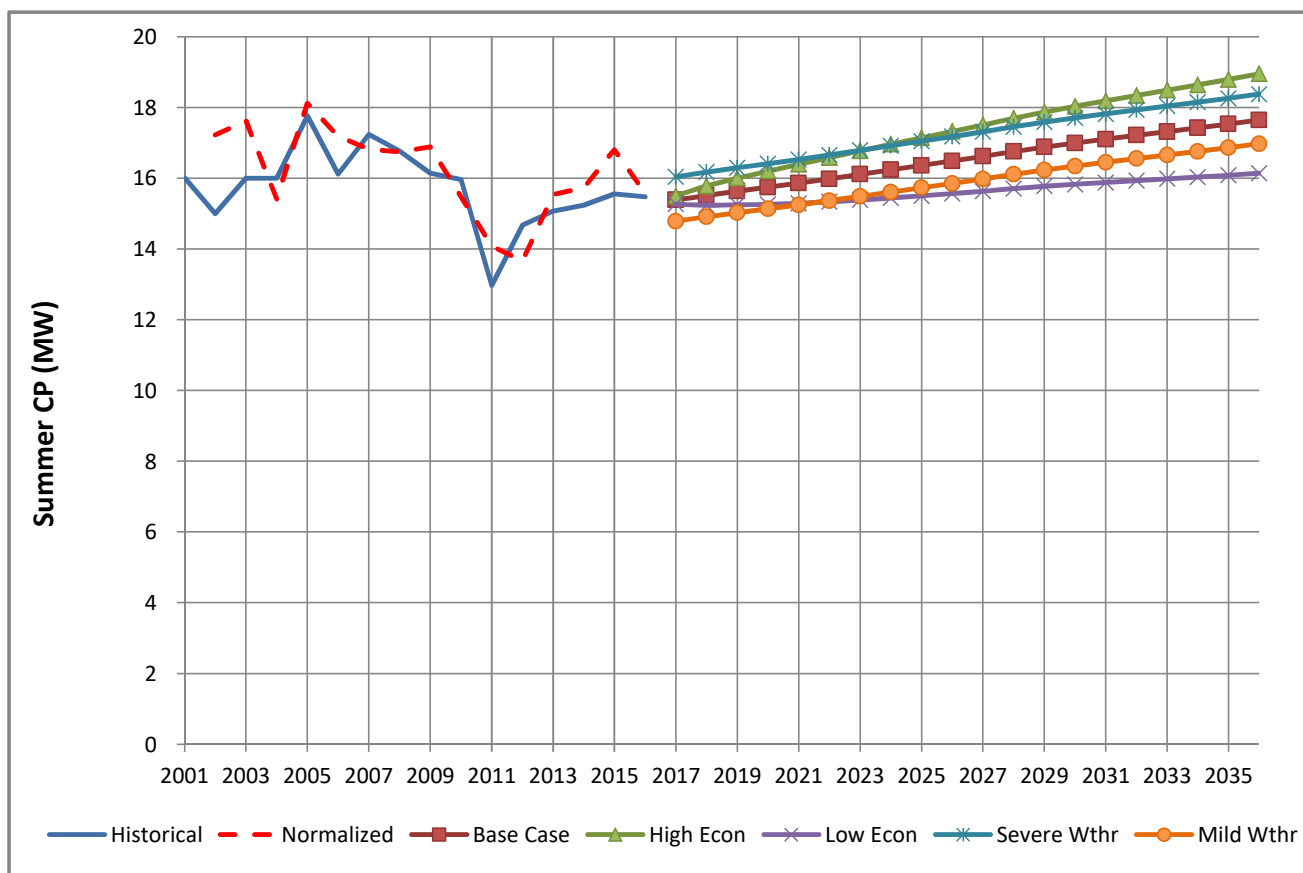
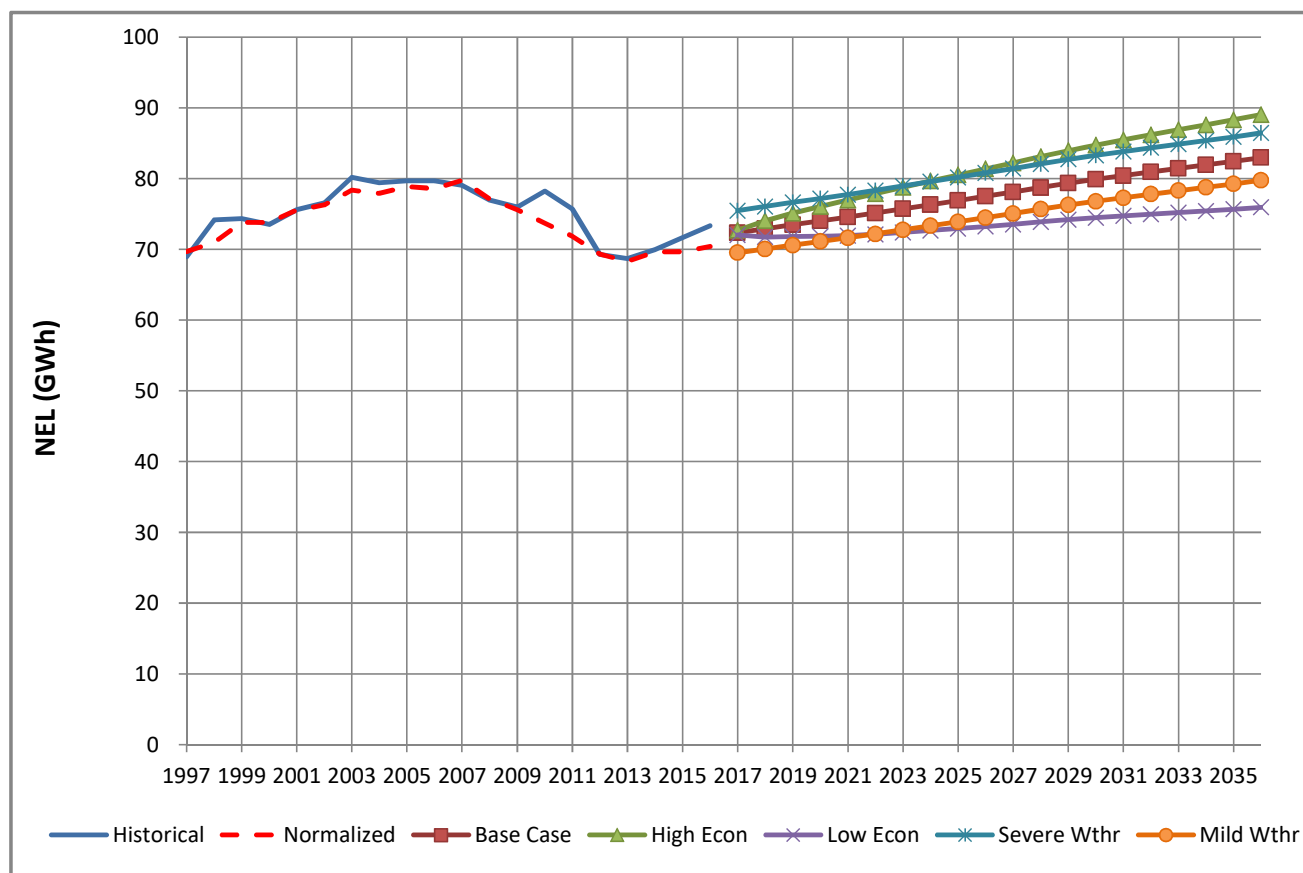
[1] CAGR - Compound Annual Growth Rate

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FMPA 2017 Load Forecast

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Historical and Projected NEL and Annual Coincident Peak Demand



FMPA 2017 Load Forecast - Low Economic Case

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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)
Historical	2007	79,065	-	79,905	-	1.1%	13.6	-	15.9	-	16.9%	17.2	-	16.8	-	-2.4%
	2008	76,955	-2.7%	77,313	-3.2%	0.5%	15.7	15.1%	15.4	-3.3%	-1.7%	16.8	-2.7%	16.7	-0.5%	-0.2%
	2009	75,961	-1.3%	75,740	-2.0%	-0.3%	16.4	4.6%	16.0	4.0%	-2.3%	16.1	-3.8%	16.9	0.9%	4.6%
	2010	78,225	3.0%	73,860	-2.5%	-5.6%	18.3	11.6%	16.2	1.4%	-11.3%	16.0	-1.1%	15.5	-8.4%	-3.1%
	2011	75,725	-3.2%	71,949	-2.6%	-5.0%	16.1	-12.1%	16.7	2.7%	3.6%	13.0	-18.7%	11.8	-23.4%	-8.7%
	2012	69,269	-8.5%	69,069	-4.0%	-0.3%	15.1	-5.9%	14.4	-13.4%	-4.7%	14.7	13.1%	13.7	15.3%	-6.9%
	2013	68,678	-0.9%	68,399	-1.0%	-0.4%	12.7	-16.2%	13.7	-5.0%	8.0%	15.1	2.7%	15.5	13.7%	3.1%
	2014	69,954	1.9%	69,652	1.8%	-0.4%	13.7	7.9%	14.9	8.8%	9.0%	15.2	1.1%	15.7	1.3%	3.2%
	2015	71,692	2.5%	69,695	0.1%	-2.8%	15.2	10.7%	16.1	7.8%	6.1%	15.6	2.0%	16.8	6.8%	8.1%
	2016	73,334	2.3%	70,392	1.0%	-4.0%	14.0	-7.7%	15.2	-5.6%	8.5%	15.5	-0.5%	15.6	-7.3%	0.6%
Projected	2017	72,029	-1.8%	72,029	2.3%		14.8	5.6%	14.8	-2.7%		15.3	-1.4%	15.3	-2.0%	
	2018			71,743	-0.4%				14.7	-0.2%				15.2	-0.2%	
	2019			71,796	0.1%				14.8	0.1%				15.3	0.1%	
	2020			71,871	0.1%				14.8	0.1%				15.3	0.1%	
	2021			71,954	0.1%				14.8	0.1%				15.3	0.1%	
	2022			72,139	0.3%				14.8	0.3%				15.3	0.3%	
	2023			72,404	0.4%				14.9	0.4%				15.4	0.4%	
	2024			72,669	0.4%				14.9	0.4%				15.4	0.4%	
	2025			72,933	0.4%				15.0	0.4%				15.5	0.4%	
	2026			73,232	0.4%				15.1	0.4%				15.6	0.4%	
	2027			73,533	0.4%				15.1	0.4%				15.6	0.4%	
	2028			73,878	0.5%				15.2	0.5%				15.7	0.5%	
	2029			74,216	0.5%				15.3	0.4%				15.8	0.4%	
	2030			74,474	0.3%				15.3	0.3%				15.8	0.3%	
	2031			74,730	0.3%				15.4	0.3%				15.9	0.3%	
	2032			74,981	0.3%				15.4	0.3%				15.9	0.3%	
	2033			75,209	0.3%				15.5	0.3%				16.0	0.3%	
	2034			75,438	0.3%				15.5	0.3%				16.0	0.3%	
2035			75,677	0.3%				15.6	0.3%				16.1	0.3%		
2036			75,952	0.4%				15.6	0.4%				16.1	0.4%		
CAGR ^[3]	2007-2016		-0.8%		-1.4%			0.3%		-0.5%			-1.2%		-0.9%	
	2017-2026				0.2%					0.2%					0.2%	
	2027-2036				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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	79,065	-	79,905	-	1.1%	14.8	-	61.1%	17.4	-	52.0%
	2008	76,955	-2.7%	77,313	-3.2%	0.5%	15.7	6.1%	56.1%	16.8	-3.4%	52.4%
	2009	75,961	-1.3%	75,740	-2.0%	-0.3%	16.8	7.2%	51.6%	16.3	-2.8%	53.2%
	2010	78,225	3.0%	73,860	-2.5%	-5.6%	18.6	10.5%	48.1%	16.4	0.4%	54.5%
	2011	75,725	-3.2%	71,949	-2.6%	-5.0%	16.8	-9.3%	51.3%	16.0	-2.1%	53.9%
	2012	69,269	-8.5%	69,069	-4.0%	-0.3%	15.1	-10.1%	52.2%	14.9	-6.9%	53.0%
	2013	68,678	-0.9%	68,399	-1.0%	-0.4%	13.5	-10.8%	58.0%	15.2	2.0%	51.5%
	2014	69,954	1.9%	69,652	1.8%	-0.4%	15.0	11.0%	53.3%	15.3	0.5%	52.2%
	2015	71,692	2.5%	69,695	0.1%	-2.8%	15.2	1.1%	54.0%	15.7	2.6%	52.2%
	2016	73,334	2.3%	70,392	1.0%	-4.0%	14.5	-4.4%	57.7%	15.6	-0.4%	53.6%
Projected	2017	72,029	-1.8%	72,029	2.3%		15.1	4.3%	54.4%	15.6	-0.4%	52.8%
	2018	71,743	-0.4%	71,743	-0.4%		15.1	-0.2%	54.2%	15.5	-0.2%	52.7%
	2019	71,796	0.1%	71,796	0.1%		15.1	0.1%	54.2%	15.5	0.1%	52.7%
	2020	71,871	0.1%	71,871	0.1%		15.1	0.1%	54.2%	15.6	0.1%	52.7%
	2021	71,954	0.1%	71,954	0.1%		15.1	0.1%	54.2%	15.6	0.1%	52.7%
	2022	72,139	0.3%	72,139	0.3%		15.2	0.3%	54.2%	15.6	0.3%	52.7%
	2023	72,404	0.4%	72,404	0.4%		15.2	0.4%	54.2%	15.7	0.4%	52.7%
	2024	72,669	0.4%	72,669	0.4%		15.3	0.4%	54.2%	15.7	0.4%	52.7%
	2025	72,933	0.4%	72,933	0.4%		15.4	0.4%	54.2%	15.8	0.4%	52.7%
	2026	73,232	0.4%	73,232	0.4%		15.4	0.4%	54.2%	15.9	0.4%	52.7%
	2027	73,533	0.4%	73,533	0.4%		15.5	0.4%	54.2%	15.9	0.4%	52.7%
	2028	73,878	0.5%	73,878	0.5%		15.6	0.5%	54.2%	16.0	0.5%	52.7%
	2029	74,216	0.5%	74,216	0.5%		15.6	0.4%	54.2%	16.1	0.4%	52.7%
	2030	74,474	0.3%	74,474	0.3%		15.7	0.3%	54.2%	16.1	0.3%	52.7%
	2031	74,730	0.3%	74,730	0.3%		15.7	0.3%	54.2%	16.2	0.3%	52.7%
	2032	74,981	0.3%	74,981	0.3%		15.8	0.3%	54.2%	16.2	0.3%	52.7%
	2033	75,209	0.3%	75,209	0.3%		15.8	0.3%	54.2%	16.3	0.3%	52.7%
	2034	75,438	0.3%	75,438	0.3%		15.9	0.3%	54.2%	16.3	0.3%	52.7%
	2035	75,677	0.3%	75,677	0.3%		15.9	0.3%	54.2%	16.4	0.3%	52.7%
	2036	75,952	0.4%	75,952	0.4%		16.0	0.4%	54.2%	16.5	0.4%	52.7%
CAGR ^[1]	2007-2016		-0.8%		-1.4%			-0.2%	54.3%		-1.2%	52.8%
	2017-2026		0.2%		0.2%			0.2%	54.2%		0.2%	52.7%
	2027-2036		0.4%		0.4%			0.4%	54.2%		0.4%	52.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Low Economic Case

Starke

Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	14.8	14.2	12.4	12.5	13.4	16.3	16.8	17.4	15.8	14.8	11.0	12.4	14.8	17.4
	2008	15.7	13.3	11.3	11.7	13.7	16.2	15.6	16.8	15.6	13.1	13.2	13.5	15.7	16.8
	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	12.8	10.9	12.9	14.5	15.6
Projected	2017	15.1	14.1	11.6	12.1	13.6	14.8	15.0	15.6	14.3	12.7	10.8	12.9	15.1	15.6
	2018	15.1	14.1	11.5	12.1	13.6	14.8	15.0	15.5	14.3	12.7	10.9	12.9	15.1	15.5
	2019	15.1	14.1	11.6	12.1	13.6	14.8	15.0	15.5	14.3	12.7	10.9	12.9	15.1	15.5
	2020	15.1	14.1	11.6	12.1	13.6	14.8	15.0	15.6	14.3	12.7	10.9	13.0	15.1	15.6
	2021	15.1	14.1	11.6	12.1	13.6	14.9	15.0	15.6	14.3	12.8	10.9	13.0	15.1	15.6
	2022	15.2	14.2	11.6	12.1	13.7	14.9	15.1	15.6	14.4	12.8	11.0	13.0	15.2	15.6
	2023	15.2	14.2	11.7	12.2	13.7	15.0	15.1	15.7	14.4	12.8	11.0	13.1	15.2	15.7
	2024	15.3	14.3	11.7	12.2	13.8	15.0	15.2	15.7	14.5	12.9	11.0	13.1	15.3	15.7
	2025	15.4	14.3	11.8	12.3	13.8	15.1	15.2	15.8	14.5	12.9	11.1	13.2	15.4	15.8
Projected	2026	15.4	14.4	11.8	12.3	13.9	15.1	15.3	15.9	14.6	13.0	11.1	13.2	15.4	15.9
	2027	15.5	14.4	11.8	12.4	13.9	15.2	15.4	15.9	14.6	13.0	11.2	13.3	15.5	15.9
	2028	15.6	14.5	11.9	12.4	14.0	15.3	15.5	16.0	14.7	13.1	11.2	13.4	15.6	16.0
	2029	15.6	14.6	12.0	12.5	14.1	15.3	15.5	16.1	14.8	13.2	11.3	13.4	15.6	16.1
	2030	15.7	14.6	12.0	12.5	14.1	15.4	15.6	16.1	14.8	13.2	11.3	13.5	15.7	16.1
	2031	15.7	14.7	12.0	12.6	14.2	15.4	15.6	16.2	14.9	13.3	11.3	13.5	15.7	16.2
	2032	15.8	14.7	12.1	12.6	14.2	15.5	15.7	16.2	14.9	13.3	11.4	13.5	15.8	16.2
	2033	15.8	14.8	12.1	12.6	14.3	15.5	15.7	16.3	15.0	13.3	11.4	13.6	15.8	16.3
	2034	15.9	14.8	12.2	12.7	14.3	15.6	15.8	16.3	15.0	13.4	11.4	13.6	15.9	16.3
Projected	2035	15.9	14.9	12.2	12.7	14.3	15.6	15.8	16.4	15.1	13.4	11.5	13.7	15.9	16.4
	2036	16.0	14.9	12.2	12.8	14.4	15.7	15.9	16.5	15.1	13.5	11.5	13.7	16.0	16.5

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	54.8%	58.6%	62.4%	61.2%	73.6%	61.5%	67.4%	67.7%	65.7%	60.9%	65.6%	64.9%	61.3%	52.1%
	2008	53.9%	58.1%	65.4%	65.1%	72.4%	60.8%	66.2%	61.9%	63.4%	61.1%	56.6%	59.4%	55.7%	52.0%
	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%	59.6%	59.6%	66.1%	63.9%	63.5%	60.8%	56.5%	75.0%	54.2%	52.4%
Projected	2016	55.5%	54.6%	61.5%	55.8%	66.0%	63.4%	69.4%	65.4%	68.4%	60.9%	64.7%	61.2%	58.1%	53.9%
	2017	52.4%	52.6%	60.7%	57.5%	67.4%	60.8%	67.5%	62.5%	64.2%	60.2%	64.7%	61.0%	54.3%	52.7%
	2018	52.3%	52.5%	60.6%	57.4%	67.3%	60.8%	67.5%	62.5%	64.3%	60.3%	64.6%	61.0%	54.3%	52.7%
	2019	52.3%	52.5%	60.6%	57.4%	67.2%	60.7%	67.5%	62.5%	64.3%	60.3%	64.6%	61.0%	54.3%	52.7%
	2020	52.3%	50.7%	60.6%	57.4%	67.3%	60.8%	67.5%	62.5%	64.3%	60.3%	64.6%	60.9%	54.3%	52.7%
	2021	52.3%	52.5%	60.6%	57.4%	67.3%	60.8%	67.5%	62.5%	64.3%	60.3%	64.6%	60.9%	54.3%	52.7%
	2022	52.2%	52.5%	60.6%	57.4%	67.3%	60.7%	67.5%	62.5%	64.3%	60.3%	64.5%	60.9%	54.3%	52.7%
	2023	52.2%	52.4%	60.6%	57.4%	67.3%	60.8%	67.5%	62.5%	64.3%	60.3%	64.6%	60.9%	54.3%	52.7%
	2024	52.2%	50.6%	60.6%	57.4%	67.3%	60.8%	67.5%	62.5%	64.3%	60.3%	64.5%	60.9%	54.3%	52.7%
Avg.	2025	52.2%	52.4%	60.6%	57.4%	67.3%	60.8%	67.5%	62.5%	64.3%	60.4%	64.5%	60.9%	54.3%	52.7%
	2026	52.2%	52.4%	60.6%	57.4%	67.3%	60.8%	67.5%	62.5%	64.3%	60.4%	64.5%	60.9%	54.3%	52.7%
	2007-2016	53.9%	54.9%	63.2%	60.3%	68.6%	61.4%	67.1%	64.8%	64.4%	59.9%	60.6%	63.9%	54.3%	52.8%
Avg.	2017-2026	52.3%	52.1%	60.6%	57.4%	67.3%	60.8%	67.5%	62.5%	64.3%	60.3%	64.6%	60.9%	54.3%	52.7%

FMPA 2017 Load Forecast - Low Economic Case

Starke
Monthly Coincident-Peak Demand with ARP (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	14.8	13.6	11.0	12.4	13.3	15.8	16.5	17.2	15.8	14.8	11.0	9.7	13.6	17.2
	2008	15.7	13.3	10.0	11.2	13.0	16.2	15.6	16.8	15.6	13.1	10.4	13.5	15.7	16.8
	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	12.1	10.5	11.9	14.0	15.5
Projected	2017	14.8	14.0	11.0	12.0	13.3	14.5	14.5	15.3	13.7	12.1	10.5	11.9	14.8	15.3
	2018	14.7	13.9	11.0	12.0	13.3	14.4	14.5	15.2	13.7	12.1	10.5	11.9	14.7	15.2
	2019	14.8	14.0	11.0	12.0	13.3	14.5	14.5	15.3	13.7	12.1	10.5	11.9	14.8	15.3
	2020	14.8	14.0	11.0	12.0	13.3	14.5	14.5	15.3	13.7	12.1	10.5	11.9	14.8	15.3
	2021	14.8	14.0	11.0	12.0	13.3	14.5	14.5	15.3	13.7	12.1	10.5	12.0	14.8	15.3
	2022	14.8	14.0	11.1	12.0	13.4	14.5	14.6	15.3	13.8	12.1	10.6	12.0	14.8	15.3
	2023	14.9	14.1	11.1	12.1	13.4	14.6	14.6	15.4	13.8	12.2	10.6	12.1	14.9	15.4
	2024	14.9	14.1	11.2	12.1	13.5	14.6	14.7	15.4	13.9	12.2	10.6	12.1	14.9	15.4
	2025	15.0	14.2	11.2	12.2	13.5	14.7	14.7	15.5	13.9	12.3	10.7	12.2	15.0	15.5
Projected	2026	15.1	14.2	11.2	12.2	13.6	14.8	14.8	15.6	14.0	12.3	10.7	12.2	15.1	15.6
	2027	15.1	14.3	11.3	12.3	13.6	14.8	14.8	15.6	14.1	12.4	10.8	12.3	15.1	15.6
	2028	15.2	14.4	11.3	12.3	13.7	14.9	14.9	15.7	14.1	12.4	10.8	12.3	15.2	15.7
	2029	15.3	14.4	11.4	12.4	13.8	15.0	15.0	15.8	14.2	12.5	10.9	12.4	15.3	15.8
	2030	15.3	14.5	11.4	12.4	13.8	15.0	15.0	15.8	14.2	12.5	10.9	12.4	15.3	15.8
	2031	15.4	14.5	11.5	12.5	13.8	15.1	15.1	15.9	14.3	12.6	10.9	12.4	15.4	15.9
	2032	15.4	14.6	11.5	12.5	13.9	15.1	15.1	15.9	14.3	12.6	11.0	12.5	15.4	15.9
	2033	15.5	14.6	11.5	12.5	13.9	15.2	15.2	16.0	14.4	12.7	11.0	12.5	15.5	16.0
	2034	15.5	14.7	11.6	12.6	14.0	15.2	15.2	16.0	14.4	12.7	11.0	12.6	15.5	16.0
Projected	2035	15.6	14.7	11.6	12.6	14.0	15.3	15.3	16.1	14.5	12.7	11.1	12.6	15.6	16.1
	2036	15.6	14.8	11.7	12.7	14.1	15.3	15.3	16.1	14.5	12.8	11.1	12.6	15.6	16.1

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	100.0%	96.2%	88.7%	99.2%	99.2%	97.2%	98.3%	99.3%	99.5%	100.0%	100.0%	78.6%	92.2%	99.3%
	2008	100.0%	100.0%	88.0%	95.4%	95.3%	100.0%	100.0%	100.0%	100.0%	100.0%	79.4%	100.0%	100.0%	100.0%
	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%
Projected	2016	96.8%	100.0%	100.0%	99.5%	99.6%	99.0%	99.7%	99.9%	96.7%	94.9%	96.4%	92.1%	96.5%	99.1%
	2017	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2018	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2019	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2020	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2021	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2022	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2023	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2024	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
Projected	2025	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2026	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
2007-2016		98.2%	98.2%	94.2%	99.0%	97.9%	97.9%	97.0%	96.4%	97.4%	98.4%	90.3%	92.4%	96.6%	97.2%
2017-2026		97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%

FMPA 2017 Load Forecast - Low Economic Case - Starke

Historical and Projected - Energy Sales by Customer Class (Fiscal Year 2007-2036)

Fiscal Year		Residential						General Service						TOTAL SALES		DISTR. LOSSES	TOTAL NEL	
		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	2007	24,971		2,061		12,117		43,805		712		61.5		68,776		10,289	79,065	
	2008	24,341	-2.5%	2,041	-0.9%	11,924	-1.6%	43,787	0.0%	748	5.0%	58.5	-4.8%	68,128	-0.9%	8,827	76,955	-2.7%
	2009	24,125	-0.9%	2,024	-0.8%	11,918	-0.1%	41,452	-5.3%	741	-0.9%	55.9	-4.5%	65,577	-3.7%	10,384	75,961	-1.3%
	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	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	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	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	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	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	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	73,334	2.3%
Projected	2017	23,835	-1.0%	2,043	0.1%	11,668	-1.1%	44,187	-1.9%	736	0.2%	60.0	-2.0%	68,021	-1.6%	4,008	72,029	-1.8%
	2018	23,887	0.2%	2,043	0.0%	11,695	0.2%	43,747	-1.0%	738	0.3%	59.2	-1.3%	67,634	-0.6%	4,108	71,743	-0.4%
	2019	23,901	0.1%	2,043	0.0%	11,702	0.1%	43,783	0.1%	743	0.7%	58.9	-0.6%	67,684	0.1%	4,112	71,796	0.1%
	2020	23,846	-0.2%	2,043	0.0%	11,675	-0.2%	43,909	0.3%	749	0.7%	58.7	-0.4%	67,755	0.1%	4,116	71,871	0.1%
	2021	23,772	-0.3%	2,043	0.0%	11,639	-0.3%	44,061	0.3%	753	0.6%	58.5	-0.3%	67,833	0.1%	4,121	71,954	0.1%
	2022	23,771	0.0%	2,043	0.0%	11,638	0.0%	44,237	0.4%	758	0.6%	58.4	-0.2%	68,008	0.3%	4,132	72,139	0.3%
	2023	23,830	0.3%	2,043	0.0%	11,667	0.3%	44,427	0.4%	763	0.6%	58.2	-0.2%	68,257	0.4%	4,147	72,404	0.4%
	2024	23,899	0.3%	2,043	0.0%	11,701	0.3%	44,608	0.4%	767	0.6%	58.1	-0.2%	68,507	0.4%	4,162	72,669	0.4%
	2025	23,977	0.3%	2,043	0.0%	11,739	0.3%	44,779	0.4%	772	0.6%	58.0	-0.2%	68,756	0.4%	4,177	72,933	0.4%
	2026	24,073	0.4%	2,043	0.0%	11,786	0.4%	44,964	0.4%	776	0.6%	57.9	-0.2%	69,037	0.4%	4,194	73,232	0.4%
	2027	24,173	0.4%	2,043	0.0%	11,835	0.4%	45,148	0.4%	781	0.6%	57.8	-0.2%	69,321	0.4%	4,212	73,533	0.4%
	2028	24,301	0.5%	2,043	0.0%	11,897	0.5%	45,346	0.4%	786	0.6%	57.7	-0.2%	69,646	0.5%	4,232	73,878	0.5%
	2029	24,401	0.4%	2,043	0.0%	11,947	0.4%	45,564	0.5%	791	0.7%	57.6	-0.2%	69,965	0.5%	4,251	74,216	0.5%
	2030	24,443	0.2%	2,043	0.0%	11,967	0.2%	45,766	0.4%	796	0.6%	57.5	-0.2%	70,208	0.3%	4,266	74,474	0.3%
	2031	24,485	0.2%	2,043	0.0%	11,987	0.2%	45,965	0.4%	801	0.6%	57.4	-0.2%	70,450	0.3%	4,280	74,730	0.3%
	2032	24,531	0.2%	2,043	0.0%	12,010	0.2%	46,154	0.4%	806	0.6%	57.3	-0.2%	70,686	0.3%	4,295	74,981	0.3%
	2033	24,566	0.1%	2,043	0.0%	12,027	0.1%	46,335	0.4%	811	0.6%	57.2	-0.2%	70,901	0.3%	4,308	75,209	0.3%
	2034	24,589	0.1%	2,043	0.0%	12,039	0.1%	46,528	0.4%	816	0.6%	57.1	-0.2%	71,118	0.3%	4,321	75,438	0.3%
	2035	24,615	0.1%	2,043	0.0%	12,051	0.1%	46,728	0.4%	821	0.6%	56.9	-0.2%	71,343	0.3%	4,335	75,677	0.3%
	2036	24,655	0.2%	2,043	0.0%	12,071	0.2%	46,947	0.5%	826	0.7%	56.8	-0.2%	71,602	0.4%	4,350	75,952	0.4%
CAGR	2007-2016		-0.4%		-0.1%		-0.3%		0.3%		0.4%		0.0%		0.1%			-0.8%
	2017-2026		0.1%		0.0%		0.1%		0.2%		0.6%		-0.4%		0.2%			0.2%
	2027-2036		0.2%		0.0%		0.2%		0.4%		0.6%		-0.2%		0.4%			0.4%

CAGR - Compound Average Growth Rate.

FMPA 2017 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)
Historical	2007	79,065	-	79,905	-	1.1%	13.6	-	15.9	-	16.9%	17.2	-	16.8	-	-2.4%
	2008	76,955	-2.7%	77,313	-3.2%	0.5%	15.7	15.1%	15.4	-3.3%	-1.7%	16.8	-2.7%	16.7	-0.5%	-0.2%
	2009	75,961	-1.3%	75,740	-2.0%	-0.3%	16.4	4.6%	16.0	4.0%	-2.3%	16.1	-3.8%	16.9	0.9%	4.6%
	2010	78,225	3.0%	73,860	-2.5%	-5.6%	18.3	11.6%	16.2	1.4%	-11.3%	16.0	-1.1%	15.5	-8.4%	-3.1%
	2011	75,725	-3.2%	71,949	-2.6%	-5.0%	16.1	-12.1%	16.7	2.7%	3.6%	13.0	-18.7%	11.8	-23.4%	-8.7%
	2012	69,269	-8.5%	69,069	-4.0%	-0.3%	15.1	-5.9%	14.4	-13.4%	-4.7%	14.7	13.1%	13.7	15.3%	-6.9%
	2013	68,678	-0.9%	68,399	-1.0%	-0.4%	12.7	-16.2%	13.7	-5.0%	8.0%	15.1	2.7%	15.5	13.7%	3.1%
	2014	69,954	1.9%	69,652	1.8%	-0.4%	13.7	7.9%	14.9	8.8%	9.0%	15.2	1.1%	15.7	1.3%	3.2%
	2015	71,692	2.5%	69,695	0.1%	-2.8%	15.2	10.7%	16.1	7.8%	6.1%	15.6	2.0%	16.8	6.8%	8.1%
	2016	73,334	2.3%	70,392	1.0%	-4.0%	14.0	-7.7%	15.2	-5.6%	8.5%	15.5	-0.5%	15.6	-7.3%	0.6%
Projected	2017	72,700	-0.9%	72,700	3.3%		15.0	7.2%	15.0	-1.2%		15.5	0.2%	15.5	-0.5%	
	2018			74,048	1.9%				15.3	1.8%				15.8	1.8%	
	2019			75,112	1.4%				15.5	1.4%				16.0	1.4%	
	2020			76,076	1.3%				15.7	1.2%				16.2	1.2%	
	2021			76,977	1.2%				15.9	1.2%				16.4	1.2%	
	2022			77,874	1.2%				16.0	1.2%				16.6	1.2%	
	2023			78,785	1.2%				16.2	1.2%				16.8	1.2%	
	2024			79,667	1.1%				16.4	1.1%				17.0	1.1%	
	2025			80,521	1.1%				16.6	1.1%				17.1	1.1%	
	2026			81,374	1.1%				16.8	1.1%				17.3	1.1%	
	2027			82,225	1.0%				16.9	1.1%				17.5	1.1%	
	2028			83,116	1.1%				17.1	1.1%				17.7	1.1%	
	2029			83,960	1.0%				17.3	1.0%				17.9	1.0%	
	2030			84,722	0.9%				17.4	0.9%				18.0	0.9%	
	2031			85,469	0.9%				17.6	0.9%				18.2	0.9%	
	2032			86,207	0.9%				17.7	0.9%				18.3	0.9%	
	2033			86,918	0.8%				17.9	0.8%				18.5	0.8%	
	2034			87,608	0.8%				18.0	0.8%				18.6	0.8%	
2035			88,313	0.8%				18.2	0.8%				18.8	0.8%		
2036			89,056	0.8%				18.3	0.8%				19.0	0.8%		
CAGR ^[3]	2007-2016		-0.8%		-1.4%			0.3%		-0.5%			-1.2%		-0.9%	
	2017-2026				1.3%					1.2%					1.2%	
	2027-2036				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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	79,065	-	79,905	-	1.1%	14.8	-	61.1%	17.4	-	52.0%
	2008	76,955	-2.7%	77,313	-3.2%	0.5%	15.7	6.1%	56.1%	16.8	-3.4%	52.4%
	2009	75,961	-1.3%	75,740	-2.0%	-0.3%	16.8	7.2%	51.6%	16.3	-2.8%	53.2%
	2010	78,225	3.0%	73,860	-2.5%	-5.6%	18.6	10.5%	48.1%	16.4	0.4%	54.5%
	2011	75,725	-3.2%	71,949	-2.6%	-5.0%	16.8	-9.3%	51.3%	16.0	-2.1%	53.9%
	2012	69,269	-8.5%	69,069	-4.0%	-0.3%	15.1	-10.1%	52.2%	14.9	-6.9%	53.0%
	2013	68,678	-0.9%	68,399	-1.0%	-0.4%	13.5	-10.8%	58.0%	15.2	2.0%	51.5%
	2014	69,954	1.9%	69,652	1.8%	-0.4%	15.0	11.0%	53.3%	15.3	0.5%	52.2%
	2015	71,692	2.5%	69,695	0.1%	-2.8%	15.2	1.1%	54.0%	15.7	2.6%	52.2%
	2016	73,334	2.3%	70,392	1.0%	-4.0%	14.5	-4.4%	57.7%	15.6	-0.4%	53.6%
Projected	2017	72,700	-0.9%	72,700	3.3%		15.4	5.9%	54.0%	15.8	1.1%	52.5%
	2018	74,048	1.9%	74,048	1.9%		15.6	1.8%	54.1%	16.1	1.8%	52.5%
	2019	75,112	1.4%	75,112	1.4%		15.9	1.4%	54.1%	16.3	1.4%	52.6%
	2020	76,076	1.3%	76,076	1.3%		16.1	1.2%	54.1%	16.5	1.2%	52.6%
	2021	76,977	1.2%	76,977	1.2%		16.2	1.2%	54.1%	16.7	1.2%	52.6%
	2022	77,874	1.2%	77,874	1.2%		16.4	1.2%	54.1%	16.9	1.2%	52.6%
	2023	78,785	1.2%	78,785	1.2%		16.6	1.2%	54.1%	17.1	1.2%	52.6%
	2024	79,667	1.1%	79,667	1.1%		16.8	1.1%	54.1%	17.3	1.1%	52.6%
	2025	80,521	1.1%	80,521	1.1%		17.0	1.1%	54.1%	17.5	1.1%	52.6%
	2026	81,374	1.1%	81,374	1.1%		17.2	1.1%	54.1%	17.7	1.1%	52.6%
	2027	82,225	1.0%	82,225	1.0%		17.3	1.1%	54.1%	17.8	1.1%	52.6%
	2028	83,116	1.1%	83,116	1.1%		17.5	1.1%	54.1%	18.0	1.1%	52.6%
	2029	83,960	1.0%	83,960	1.0%		17.7	1.0%	54.1%	18.2	1.0%	52.6%
	2030	84,722	0.9%	84,722	0.9%		17.9	0.9%	54.1%	18.4	0.9%	52.6%
	2031	85,469	0.9%	85,469	0.9%		18.0	0.9%	54.1%	18.5	0.9%	52.6%
	2032	86,207	0.9%	86,207	0.9%		18.2	0.9%	54.1%	18.7	0.9%	52.6%
	2033	86,918	0.8%	86,918	0.8%		18.3	0.8%	54.2%	18.8	0.8%	52.6%
	2034	87,608	0.8%	87,608	0.8%		18.5	0.8%	54.2%	19.0	0.8%	52.6%
	2035	88,313	0.8%	88,313	0.8%		18.6	0.8%	54.1%	19.2	0.8%	52.6%
	2036	89,056	0.8%	89,056	0.8%		18.8	0.8%	54.1%	19.3	0.8%	52.6%
CAGR ^[1]	2007-2016		-0.8%		-1.4%			-0.2%	54.3%		-1.2%	52.8%
	2017-2026		1.3%		1.3%			1.2%	54.1%		1.2%	52.6%
	2027-2036		0.9%		0.9%			0.9%	54.1%		0.9%	52.6%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - High Economic Case
Starke
Monthly Net Energy for Load (MWh)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2007	6,021	5,576	5,767	5,711	6,621	7,436	8,146	8,757	7,489	6,679	5,356	5,775	79,334	79,065
	2008	6,289	5,400	5,510	5,677	6,652	7,323	7,452	7,723	7,120	5,940	5,544	5,760	76,390	76,955
	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	5,796	5,227	5,700	73,763	73,334
Projected	2017	5,912	5,009	5,265	5,220	6,235	6,808	7,415	7,368	6,746	5,839	5,356	5,826	72,999	72,700
	2018	6,038	5,113	5,373	5,325	6,353	6,931	7,543	7,492	6,859	5,935	5,440	5,911	74,313	74,048
	2019	6,124	5,186	5,451	5,402	6,444	7,027	7,645	7,592	6,954	6,018	5,515	5,988	75,349	75,112
	2020	6,201	5,252	5,523	5,474	6,528	7,117	7,739	7,683	7,038	6,092	5,583	6,058	76,288	76,076
	2021	6,271	5,313	5,589	5,541	6,607	7,201	7,829	7,772	7,121	6,165	5,650	6,128	77,187	76,977
	2022	6,341	5,374	5,654	5,607	6,685	7,285	7,919	7,861	7,204	6,238	5,718	6,199	78,086	77,874
	2023	6,413	5,436	5,721	5,674	6,764	7,371	8,011	7,952	7,288	6,311	5,785	6,270	78,996	78,785
	2024	6,484	5,496	5,786	5,739	6,840	7,453	8,099	8,038	7,367	6,381	5,848	6,336	79,867	79,667
	2025	6,552	5,554	5,848	5,801	6,914	7,533	8,184	8,123	7,446	6,450	5,912	6,403	80,720	80,521
	2026	6,620	5,613	5,910	5,864	6,988	7,613	8,270	8,207	7,524	6,518	5,974	6,469	81,570	81,374
Projected	2027	6,687	5,670	5,972	5,926	7,062	7,693	8,357	8,294	7,604	6,588	6,039	6,539	82,431	82,225
	2028	6,759	5,732	6,038	5,991	7,139	7,776	8,447	8,382	7,686	6,659	6,104	6,607	83,320	83,116
	2029	6,828	5,790	6,100	6,053	7,212	7,854	8,529	8,463	7,761	6,724	6,163	6,668	84,145	83,960
	2030	6,888	5,842	6,156	6,109	7,277	7,925	8,604	8,537	7,829	6,784	6,219	6,727	84,896	84,722
	2031	6,947	5,893	6,210	6,164	7,342	7,995	8,679	8,611	7,898	6,845	6,274	6,785	85,644	85,469
	2032	7,005	5,943	6,265	6,219	7,407	8,064	8,752	8,683	7,965	6,904	6,328	6,841	86,376	86,207
	2033	7,061	5,992	6,317	6,271	7,468	8,130	8,823	8,753	8,030	6,960	6,380	6,895	87,080	86,918
	2034	7,115	6,038	6,368	6,322	7,529	8,195	8,892	8,821	8,093	7,017	6,432	6,949	87,771	87,608
	2035	7,170	6,085	6,419	6,375	7,590	8,262	8,963	8,891	8,160	7,076	6,487	7,006	88,483	88,313
	2036	7,227	6,135	6,473	6,430	7,656	8,332	9,039	8,966	8,230	7,138	6,544	7,065	89,235	89,056

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2007	7.6%	7.0%	7.3%	7.2%	8.3%	9.4%	10.3%	11.0%	9.4%	8.4%	6.8%	7.3%	100.0%
	2008	8.2%	7.1%	7.2%	7.4%	8.7%	9.6%	9.8%	10.1%	9.3%	7.8%	7.3%	7.5%	100.0%
	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	8.1%	7.2%	7.0%	6.9%	8.4%	9.7%	10.5%	10.3%	9.2%	7.9%	7.1%	7.7%	100.0%
Projected	2017	8.1%	6.9%	7.2%	7.2%	8.5%	9.3%	10.2%	10.1%	9.2%	8.0%	7.3%	8.0%	100.0%
	2018	8.1%	6.9%	7.2%	7.2%	8.5%	9.3%	10.2%	10.1%	9.2%	8.0%	7.3%	8.0%	100.0%
	2019	8.1%	6.9%	7.2%	7.2%	8.6%	9.3%	10.1%	10.1%	9.2%	8.0%	7.3%	7.9%	100.0%
	2020	8.1%	6.9%	7.2%	7.2%	8.6%	9.3%	10.1%	10.1%	9.2%	8.0%	7.3%	7.9%	100.0%
	2021	8.1%	6.9%	7.2%	7.2%	8.6%	9.3%	10.1%	10.1%	9.2%	8.0%	7.3%	7.9%	100.0%
	2022	8.1%	6.9%	7.2%	7.2%	8.6%	9.3%	10.1%	10.1%	9.2%	8.0%	7.3%	7.9%	100.0%
	2023	8.1%	6.9%	7.2%	7.2%	8.6%	9.3%	10.1%	10.1%	9.2%	8.0%	7.3%	7.9%	100.0%
	2024	8.1%	6.9%	7.2%	7.2%	8.6%	9.3%	10.1%	10.1%	9.2%	8.0%	7.3%	7.9%	100.0%
	2025	8.1%	6.9%	7.2%	7.2%	8.6%	9.3%	10.1%	10.1%	9.2%	8.0%	7.3%	7.9%	100.0%
	2026	8.1%	6.9%	7.2%	7.2%	8.6%	9.3%	10.1%	10.1%	9.2%	8.0%	7.3%	7.9%	100.0%
Avg.	2007-2016	7.1%	7.2%	7.2%	7.2%	8.6%	9.6%	10.1%	10.3%	9.2%	7.9%	7.0%	7.7%	100.0%
	2017-2026	8.1%	6.9%	7.2%	7.2%	8.6%	9.3%	10.1%	10.1%	9.2%	8.0%	7.3%	7.9%	100.0%

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

FMPA 2017 Load Forecast - High Economic Case
Starke
Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	14.8	14.2	12.4	12.5	13.4	16.3	16.8	17.4	15.8	14.8	11.0	12.4	14.8	17.4
	2008	15.7	13.3	11.3	11.7	13.7	16.2	15.6	16.8	15.6	13.1	13.2	13.5	15.7	16.8
	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	12.8	11.0	13.1	14.5	15.6
Projected	2017	15.4	14.3	11.8	12.3	13.8	15.1	15.2	15.8	14.5	12.9	11.2	13.4	15.4	15.8
	2018	15.6	14.6	12.0	12.5	14.1	15.3	15.5	16.1	14.8	13.2	11.4	13.6	15.6	16.1
	2019	15.9	14.8	12.1	12.7	14.3	15.6	15.7	16.3	15.0	13.4	11.5	13.7	15.9	16.3
	2020	16.1	15.0	12.3	12.8	14.4	15.7	15.9	16.5	15.2	13.5	11.7	13.9	16.1	16.5
	2021	16.2	15.1	12.4	13.0	14.6	15.9	16.1	16.7	15.3	13.7	11.8	14.1	16.2	16.7
	2022	16.4	15.3	12.6	13.1	14.8	16.1	16.3	16.9	15.5	13.8	11.9	14.2	16.4	16.9
	2023	16.6	15.5	12.7	13.3	15.0	16.3	16.5	17.1	15.7	14.0	12.1	14.4	16.6	17.1
	2024	16.8	15.7	12.9	13.4	15.1	16.5	16.7	17.3	15.9	14.2	12.2	14.5	16.8	17.3
	2025	17.0	15.8	13.0	13.6	15.3	16.7	16.9	17.5	16.0	14.3	12.3	14.7	17.0	17.5
Projected	2026	17.2	16.0	13.1	13.7	15.4	16.8	17.0	17.7	16.2	14.5	12.5	14.8	17.2	17.7
	2027	17.3	16.2	13.3	13.8	15.6	17.0	17.2	17.8	16.4	14.6	12.6	15.0	17.3	17.8
	2028	17.5	16.3	13.4	14.0	15.8	17.2	17.4	18.0	16.6	14.8	12.7	15.1	17.5	18.0
	2029	17.7	16.5	13.5	14.1	15.9	17.4	17.6	18.2	16.7	14.9	12.8	15.3	17.7	18.2
	2030	17.9	16.7	13.7	14.3	16.1	17.5	17.7	18.4	16.9	15.0	12.9	15.4	17.9	18.4
	2031	18.0	16.8	13.8	14.4	16.2	17.7	17.9	18.5	17.0	15.2	13.1	15.5	18.0	18.5
	2032	18.2	16.9	13.9	14.5	16.4	17.8	18.0	18.7	17.2	15.3	13.2	15.7	18.2	18.7
	2033	18.3	17.1	14.0	14.6	16.5	18.0	18.2	18.8	17.3	15.4	13.3	15.8	18.3	18.8
	2034	18.5	17.2	14.1	14.7	16.6	18.1	18.3	19.0	17.5	15.6	13.4	15.9	18.5	19.0
	2035	18.6	17.4	14.2	14.9	16.8	18.3	18.5	19.2	17.6	15.7	13.5	16.1	18.6	19.2
	2036	18.8	17.5	14.4	15.0	16.9	18.4	18.6	19.3	17.7	15.8	13.6	16.2	18.8	19.3

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	54.8%	58.6%	62.4%	61.2%	73.6%	61.5%	67.4%	67.7%	65.7%	60.9%	65.6%	64.9%	61.3%	52.1%
	2008	53.9%	58.1%	65.4%	65.1%	72.4%	60.8%	66.2%	61.9%	63.4%	61.1%	56.6%	59.4%	55.7%	52.0%
	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%	59.6%	59.6%	66.1%	63.9%	63.5%	60.8%	56.5%	75.0%	54.2%	52.4%
Projected	2016	55.5%	54.6%	61.5%	55.8%	66.0%	63.4%	69.4%	65.4%	68.4%	60.9%	63.7%	60.2%	58.1%	53.9%
	2017	51.7%	52.1%	60.2%	57.2%	67.1%	60.7%	67.5%	62.7%	64.6%	60.7%	64.1%	60.5%	54.3%	52.7%
	2018	51.9%	52.2%	60.4%	57.3%	67.2%	60.7%	67.5%	62.6%	64.5%	60.6%	64.2%	60.5%	54.3%	52.7%
	2019	51.9%	52.2%	60.4%	57.4%	67.2%	60.7%	67.5%	62.6%	64.5%	60.6%	64.3%	60.6%	54.3%	52.7%
	2020	51.9%	50.4%	60.4%	57.4%	67.2%	60.7%	67.4%	62.5%	64.4%	60.6%	64.3%	60.6%	54.3%	52.7%
	2021	51.9%	52.2%	60.5%	57.4%	67.3%	60.8%	67.4%	62.5%	64.4%	60.6%	64.4%	60.6%	54.3%	52.7%
	2022	51.9%	52.2%	60.5%	57.5%	67.3%	60.8%	67.4%	62.5%	64.5%	60.6%	64.4%	60.5%	54.3%	52.7%
	2023	51.9%	52.2%	60.5%	57.5%	67.3%	60.8%	67.4%	62.5%	64.4%	60.6%	64.4%	60.6%	54.3%	52.7%
	2024	51.9%	50.4%	60.5%	57.5%	67.3%	60.8%	67.4%	62.5%	64.4%	60.6%	64.4%	60.6%	54.3%	52.7%
Avg.	2007-2016	53.9%	54.9%	63.2%	60.3%	68.6%	61.4%	67.1%	64.8%	64.4%	59.9%	60.5%	63.8%	54.3%	52.8%
	2017-2026	51.9%	51.8%	60.4%	57.4%	67.3%	60.8%	67.4%	62.5%	64.5%	60.6%	64.3%	60.5%	54.3%	52.7%

FMPA 2017 Load Forecast - High Economic Case

Starke

Monthly Coincident-Peak Demand with ARP (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	14.8	13.6	11.0	12.4	13.3	15.8	16.5	17.2	15.8	14.8	11.0	9.7	13.6	17.2
	2008	15.7	13.3	10.0	11.2	13.0	16.2	15.6	16.8	15.6	13.1	10.4	13.5	15.7	16.8
	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	12.1	10.6	12.1	14.0	15.5
Projected	2017	15.0	14.2	11.2	12.2	13.5	14.7	14.7	15.5	13.9	12.3	10.8	12.3	15.0	15.5
	2018	15.3	14.4	11.4	12.4	13.8	15.0	15.0	15.8	14.2	12.5	11.0	12.5	15.3	15.8
	2019	15.5	14.6	11.6	12.6	13.9	15.2	15.2	16.0	14.4	12.7	11.1	12.6	15.5	16.0
	2020	15.7	14.8	11.7	12.7	14.1	15.4	15.4	16.2	14.6	12.8	11.2	12.8	15.7	16.2
	2021	15.9	15.0	11.8	12.9	14.3	15.5	15.6	16.4	14.7	13.0	11.4	12.9	15.9	16.4
	2022	16.0	15.2	12.0	13.0	14.5	15.7	15.7	16.6	14.9	13.1	11.5	13.1	16.0	16.6
	2023	16.2	15.4	12.1	13.2	14.6	15.9	15.9	16.8	15.1	13.3	11.6	13.2	16.2	16.8
	2024	16.4	15.5	12.2	13.3	14.8	16.1	16.1	17.0	15.3	13.4	11.8	13.4	16.4	17.0
	2025	16.6	15.7	12.4	13.4	14.9	16.3	16.3	17.1	15.4	13.6	11.9	13.5	16.6	17.1
	2026	16.8	15.9	12.5	13.6	15.1	16.4	16.4	17.3	15.6	13.7	12.0	13.7	16.8	17.3
Projected	2027	16.9	16.0	12.6	13.7	15.3	16.6	16.6	17.5	15.7	13.9	12.1	13.8	16.9	17.5
	2028	17.1	16.2	12.8	13.9	15.4	16.8	16.8	17.7	15.9	14.0	12.3	14.0	17.1	17.7
	2029	17.3	16.4	12.9	14.0	15.6	16.9	17.0	17.9	16.1	14.2	12.4	14.1	17.3	17.9
	2030	17.4	16.5	13.0	14.1	15.7	17.1	17.1	18.0	16.2	14.3	12.5	14.2	17.4	18.0
	2031	17.6	16.6	13.1	14.3	15.9	17.2	17.3	18.2	16.4	14.4	12.6	14.3	17.6	18.2
	2032	17.7	16.8	13.2	14.4	16.0	17.4	17.4	18.3	16.5	14.5	12.7	14.4	17.7	18.3
	2033	17.9	16.9	13.4	14.5	16.1	17.5	17.6	18.5	16.6	14.7	12.8	14.6	17.9	18.5
	2034	18.0	17.1	13.5	14.6	16.2	17.7	17.7	18.6	16.8	14.8	12.9	14.7	18.0	18.6
	2035	18.2	17.2	13.6	14.7	16.4	17.8	17.8	18.8	16.9	14.9	13.0	14.8	18.2	18.8
	2036	18.3	17.3	13.7	14.9	16.5	18.0	18.0	19.0	17.0	15.0	13.1	14.9	18.3	19.0

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	100.0%	96.2%	88.7%	99.2%	99.2%	97.2%	98.3%	99.3%	99.5%	100.0%	100.0%	78.6%	92.2%	99.3%
	2008	100.0%	100.0%	88.0%	95.4%	95.3%	100.0%	100.0%	100.0%	100.0%	100.0%	79.4%	100.0%	100.0%	100.0%
	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%	94.9%	96.4%	92.1%	96.5%	99.1%
Projected	2017	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2018	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2019	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2020	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2021	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2022	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2023	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2024	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2025	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2026	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
2007-2016		98.2%	98.2%	94.2%	99.0%	97.9%	97.9%	97.0%	96.4%	97.4%	98.4%	90.3%	92.4%	96.6%	97.2%
2017-2026		97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%

FMPA 2017 Load Forecast - High Economic Case - Starke

Historical and Projected - Energy Sales by Customer Class (Fiscal Year 2007-2036)

Fiscal Year		Residential						General Service						TOTAL SALES		DISTR.	TOTAL NEL	
		Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	LOSSES (MWh)	(MWh)	% Chg
Historical	2007	24,971		2,061		12,117		43,805		712		61.5		68,776		10,289	79,065	
	2008	24,341	-2.5%	2,041	-0.9%	11,924	-1.6%	43,787	0.0%	748	5.0%	58.5	-4.8%	68,128	-0.9%	8,827	76,955	-2.7%
	2009	24,125	-0.9%	2,024	-0.8%	11,918	-0.1%	41,452	-5.3%	741	-0.9%	55.9	-4.5%	65,577	-3.7%	10,384	75,961	-1.3%
	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	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	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	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	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	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	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	73,334	2.3%
Projected	2017	23,845	-0.9%	2,043	0.1%	11,674	-1.1%	44,808	-0.5%	748	1.8%	59.9	-2.2%	68,653	-0.7%	4,047	72,700	-0.9%
	2018	23,978	0.6%	2,043	0.0%	11,739	0.6%	45,827	2.3%	781	4.4%	58.7	-2.0%	69,805	1.7%	4,243	74,048	1.9%
	2019	24,126	0.6%	2,043	0.0%	11,812	0.6%	46,683	1.9%	804	2.9%	58.1	-1.0%	70,809	1.4%	4,303	75,112	1.4%
	2020	24,239	0.5%	2,043	0.0%	11,867	0.5%	47,479	1.7%	824	2.4%	57.7	-0.7%	71,718	1.3%	4,359	76,076	1.3%
	2021	24,349	0.5%	2,043	0.0%	11,921	0.5%	48,218	1.6%	841	2.1%	57.3	-0.6%	72,567	1.2%	4,410	76,977	1.2%
	2022	24,489	0.6%	2,043	0.0%	11,990	0.6%	48,924	1.5%	857	1.9%	57.1	-0.5%	73,413	1.2%	4,462	77,874	1.2%
	2023	24,659	0.7%	2,043	0.0%	12,073	0.7%	49,612	1.4%	873	1.8%	56.8	-0.4%	74,271	1.2%	4,514	78,785	1.2%
	2024	24,825	0.7%	2,043	0.0%	12,154	0.7%	50,278	1.3%	888	1.8%	56.6	-0.4%	75,103	1.1%	4,565	79,667	1.1%
	2025	24,992	0.7%	2,043	0.0%	12,236	0.7%	50,915	1.3%	903	1.7%	56.4	-0.4%	75,908	1.1%	4,613	80,521	1.1%
	2026	25,172	0.7%	2,043	0.0%	12,324	0.7%	51,539	1.2%	918	1.6%	56.2	-0.4%	76,711	1.1%	4,662	81,374	1.1%
	2027	25,351	0.7%	2,043	0.0%	12,412	0.7%	52,163	1.2%	932	1.6%	56.0	-0.4%	77,514	1.0%	4,711	82,225	1.0%
	2028	25,555	0.8%	2,043	0.0%	12,511	0.8%	52,799	1.2%	947	1.6%	55.8	-0.4%	78,354	1.1%	4,762	83,116	1.1%
	2029	25,728	0.7%	2,043	0.0%	12,596	0.7%	53,422	1.2%	961	1.5%	55.6	-0.4%	79,150	1.0%	4,811	83,960	1.0%
	2030	25,835	0.4%	2,043	0.0%	12,648	0.4%	54,033	1.1%	976	1.5%	55.4	-0.3%	79,868	0.9%	4,854	84,722	0.9%
	2031	25,940	0.4%	2,043	0.0%	12,700	0.4%	54,632	1.1%	990	1.5%	55.2	-0.3%	80,572	0.9%	4,897	85,469	0.9%
	2032	26,048	0.4%	2,043	0.0%	12,753	0.4%	55,219	1.1%	1,004	1.4%	55.0	-0.3%	81,268	0.9%	4,939	86,207	0.9%
	2033	26,142	0.4%	2,043	0.0%	12,799	0.4%	55,796	1.0%	1,018	1.4%	54.8	-0.3%	81,938	0.8%	4,980	86,918	0.8%
	2034	26,221	0.3%	2,043	0.0%	12,838	0.3%	56,368	1.0%	1,031	1.3%	54.7	-0.3%	82,589	0.8%	5,020	87,608	0.8%
	2035	26,301	0.3%	2,043	0.0%	12,877	0.3%	56,952	1.0%	1,045	1.4%	54.5	-0.3%	83,253	0.8%	5,060	88,313	0.8%
	2036	26,396	0.4%	2,043	0.0%	12,923	0.4%	57,558	1.1%	1,060	1.4%	54.3	-0.3%	83,953	0.8%	5,103	89,056	0.8%
CAGR	2007-2016		-0.4%		-0.1%		-0.3%		0.3%		0.4%		0.0%		0.1%			-0.8%
	2017-2026		0.6%		0.0%		0.6%		1.6%		2.3%		-0.7%		1.2%			1.3%
	2027-2036		0.4%		0.0%		0.4%		1.1%		1.4%		-0.3%		0.9%			0.9%

CAGR - Compound Average Growth Rate.

FMPA 2017 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)				
		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	2007	79,065	-	79,905	-	1.1%	13.6	-	15.9	-	16.9%	17.2	-	16.8	-	-2.4%
	2008	76,955	-2.7%	77,313	-3.2%	0.5%	15.7	15.1%	15.4	-3.3%	-1.7%	16.8	-2.7%	16.7	-0.5%	-0.2%
	2009	75,961	-1.3%	75,740	-2.0%	-0.3%	16.4	4.6%	16.0	4.0%	-2.3%	16.1	-3.8%	16.9	0.9%	4.6%
	2010	78,225	3.0%	73,860	-2.5%	-5.6%	18.3	11.6%	16.2	1.4%	-11.3%	16.0	-1.1%	15.5	-8.4%	-3.1%
	2011	75,725	-3.2%	71,949	-2.6%	-5.0%	16.1	-12.1%	16.7	2.7%	3.6%	13.0	-18.7%	11.8	-23.4%	-8.7%
	2012	69,269	-8.5%	69,069	-4.0%	-0.3%	15.1	-5.9%	14.4	-13.4%	-4.7%	14.7	13.1%	13.7	15.3%	-6.9%
	2013	68,678	-0.9%	68,399	-1.0%	-0.4%	12.7	-16.2%	13.7	-5.0%	8.0%	15.1	2.7%	15.5	13.7%	3.1%
	2014	69,954	1.9%	69,652	1.8%	-0.4%	13.7	7.9%	14.9	8.8%	9.0%	15.2	1.1%	15.7	1.3%	3.2%
	2015	71,692	2.5%	69,695	0.1%	-2.8%	15.2	10.7%	16.1	7.8%	6.1%	15.6	2.0%	16.8	6.8%	8.1%
	2016	73,334	2.3%	70,392	1.0%	-4.0%	14.0	-7.7%	15.2	-5.6%	8.5%	15.5	-0.5%	15.6	-7.3%	0.6%
Projected	2017	69,527	-5.2%	69,527	-1.2%		14.3	2.2%	14.3	-5.8%		14.8	-4.5%	14.8	-5.1%	
	2018			70,040	0.7%				14.4	0.8%				14.9	0.8%	
	2019			70,594	0.8%				14.5	0.8%				15.0	0.8%	
	2020			71,119	0.7%				14.6	0.7%				15.1	0.7%	
	2021			71,634	0.7%				14.7	0.7%				15.2	0.7%	
	2022			72,176	0.8%				14.9	0.8%				15.4	0.8%	
	2023			72,762	0.8%				15.0	0.8%				15.5	0.8%	
	2024			73,342	0.8%				15.1	0.8%				15.6	0.8%	
	2025			73,898	0.8%				15.2	0.8%				15.7	0.8%	
	2026			74,476	0.8%				15.3	0.8%				15.9	0.8%	
	2027			75,056	0.8%				15.5	0.8%				16.0	0.8%	
	2028			75,676	0.8%				15.6	0.8%				16.1	0.8%	
	2029			76,275	0.8%				15.7	0.8%				16.2	0.8%	
	2030			76,797	0.7%				15.8	0.7%				16.3	0.7%	
	2031			77,299	0.7%				15.9	0.7%				16.5	0.7%	
	2032			77,804	0.7%				16.0	0.7%				16.6	0.7%	
	2033			78,296	0.6%				16.1	0.6%				16.7	0.6%	
	2034			78,763	0.6%				16.2	0.6%				16.8	0.6%	
	2035			79,251	0.6%				16.3	0.6%				16.9	0.6%	
	2036			79,773	0.7%				16.4	0.7%				17.0	0.7%	
CAGR ^[3]	2007-2016		-0.8%		-1.4%			0.3%		-0.5%			-1.2%		-0.9%	
	2017-2026				0.8%					0.8%					0.8%	
	2027-2036				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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	79,065	-	79,905	-	1.1%	14.8	-	61.1%	17.4	-	52.0%
	2008	76,955	-2.7%	77,313	-3.2%	0.5%	15.7	6.1%	56.1%	16.8	-3.4%	52.4%
	2009	75,961	-1.3%	75,740	-2.0%	-0.3%	16.8	7.2%	51.6%	16.3	-2.8%	53.2%
	2010	78,225	3.0%	73,860	-2.5%	-5.6%	18.6	10.5%	48.1%	16.4	0.4%	54.5%
	2011	75,725	-3.2%	71,949	-2.6%	-5.0%	16.8	-9.3%	51.3%	16.0	-2.1%	53.9%
	2012	69,269	-8.5%	69,069	-4.0%	-0.3%	15.1	-10.1%	52.2%	14.9	-6.9%	53.0%
	2013	68,678	-0.9%	68,399	-1.0%	-0.4%	13.5	-10.8%	58.0%	15.2	2.0%	51.5%
	2014	69,954	1.9%	69,652	1.8%	-0.4%	15.0	11.0%	53.3%	15.3	0.5%	52.2%
	2015	71,692	2.5%	69,695	0.1%	-2.8%	15.2	1.1%	54.0%	15.7	2.6%	52.2%
	2016	73,334	2.3%	70,392	1.0%	-4.0%	14.5	-4.4%	57.7%	15.6	-0.4%	53.6%
Projected	2017	69,527	-5.2%	69,527	-1.2%		14.7	1.1%	54.2%	15.1	-3.5%	52.7%
	2018	70,040	0.7%	70,040	0.7%		14.8	0.8%	54.1%	15.2	0.8%	52.6%
	2019	70,594	0.8%	70,594	0.8%		14.9	0.8%	54.1%	15.3	0.8%	52.6%
	2020	71,119	0.7%	71,119	0.7%		15.0	0.7%	54.1%	15.4	0.7%	52.6%
	2021	71,634	0.7%	71,634	0.7%		15.1	0.7%	54.1%	15.5	0.7%	52.6%
	2022	72,176	0.8%	72,176	0.8%		15.2	0.8%	54.1%	15.7	0.8%	52.6%
	2023	72,762	0.8%	72,762	0.8%		15.3	0.8%	54.1%	15.8	0.8%	52.6%
	2024	73,342	0.8%	73,342	0.8%		15.5	0.8%	54.1%	15.9	0.8%	52.6%
	2025	73,898	0.8%	73,898	0.8%		15.6	0.8%	54.1%	16.0	0.8%	52.6%
	2026	74,476	0.8%	74,476	0.8%		15.7	0.8%	54.1%	16.2	0.8%	52.6%
	2027	75,056	0.8%	75,056	0.8%		15.8	0.8%	54.1%	16.3	0.8%	52.6%
	2028	75,676	0.8%	75,676	0.8%		16.0	0.8%	54.1%	16.4	0.8%	52.6%
	2029	76,275	0.8%	76,275	0.8%		16.1	0.8%	54.1%	16.5	0.8%	52.6%
	2030	76,797	0.7%	76,797	0.7%		16.2	0.7%	54.1%	16.7	0.7%	52.6%
	2031	77,299	0.7%	77,299	0.7%		16.3	0.7%	54.1%	16.8	0.7%	52.6%
	2032	77,804	0.7%	77,804	0.7%		16.4	0.7%	54.1%	16.9	0.7%	52.6%
	2033	78,296	0.6%	78,296	0.6%		16.5	0.6%	54.1%	17.0	0.6%	52.6%
	2034	78,763	0.6%	78,763	0.6%		16.6	0.6%	54.1%	17.1	0.6%	52.6%
	2035	79,251	0.6%	79,251	0.6%		16.7	0.6%	54.1%	17.2	0.6%	52.6%
	2036	79,773	0.7%	79,773	0.7%		16.8	0.7%	54.1%	17.3	0.7%	52.6%
CAGR ^[1]	2007-2016		-0.8%		-1.4%			-0.2%	54.3%		-1.2%	52.8%
	2017-2026		0.8%		0.8%			0.8%	54.1%		0.8%	52.6%
	2027-2036		0.7%		0.7%			0.7%	54.1%		0.7%	52.6%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Mild Weather Case

Starke
Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	14.8	14.2	12.4	12.5	13.4	16.3	16.8	17.4	15.8	14.8	11.0	12.4	14.8	17.4
	2008	15.7	13.3	11.3	11.7	13.7	16.2	15.6	16.8	15.6	13.1	13.2	13.5	15.7	16.8
	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	12.8	10.5	12.5	14.5	15.6
Projected	2017	14.7	13.7	11.2	11.7	13.2	14.4	14.5	15.1	13.8	12.3	10.6	12.6	14.7	15.1
	2018	14.8	13.8	11.3	11.8	13.3	14.5	14.7	15.2	14.0	12.4	10.7	12.7	14.8	15.2
	2019	14.9	13.9	11.4	11.9	13.4	14.6	14.8	15.3	14.1	12.5	10.8	12.8	14.9	15.3
	2020	15.0	14.0	11.5	12.0	13.5	14.7	14.9	15.4	14.2	12.6	10.9	12.9	15.0	15.4
	2021	15.1	14.1	11.6	12.1	13.6	14.8	15.0	15.5	14.3	12.7	10.9	13.0	15.1	15.5
	2022	15.2	14.2	11.6	12.2	13.7	14.9	15.1	15.7	14.4	12.8	11.0	13.1	15.2	15.7
	2023	15.3	14.3	11.7	12.3	13.8	15.1	15.2	15.8	14.5	12.9	11.1	13.2	15.3	15.8
	2024	15.5	14.4	11.8	12.3	13.9	15.2	15.4	15.9	14.6	13.0	11.2	13.3	15.5	15.9
	2025	15.6	14.5	11.9	12.4	14.0	15.3	15.5	16.0	14.7	13.1	11.3	13.4	15.6	16.0
Projected	2026	15.7	14.6	12.0	12.5	14.1	15.4	15.6	16.2	14.8	13.2	11.4	13.5	15.7	16.2
	2027	15.8	14.8	12.1	12.6	14.2	15.5	15.7	16.3	15.0	13.3	11.5	13.7	15.8	16.3
	2028	16.0	14.9	12.2	12.7	14.4	15.7	15.8	16.4	15.1	13.4	11.6	13.8	16.0	16.4
	2029	16.1	15.0	12.3	12.8	14.5	15.8	16.0	16.5	15.2	13.5	11.6	13.9	16.1	16.5
	2030	16.2	15.1	12.4	12.9	14.6	15.9	16.1	16.7	15.3	13.6	11.7	13.9	16.2	16.7
	2031	16.3	15.2	12.5	13.0	14.7	16.0	16.2	16.8	15.4	13.7	11.8	14.0	16.3	16.8
	2032	16.4	15.3	12.6	13.1	14.8	16.1	16.3	16.9	15.5	13.8	11.9	14.1	16.4	16.9
	2033	16.5	15.4	12.6	13.2	14.9	16.2	16.4	17.0	15.6	13.9	11.9	14.2	16.5	17.0
	2034	16.6	15.5	12.7	13.3	14.9	16.3	16.5	17.1	15.7	14.0	12.0	14.3	16.6	17.1
Projected	2035	16.7	15.6	12.8	13.3	15.0	16.4	16.6	17.2	15.8	14.1	12.1	14.4	16.7	17.2
	2036	16.8	15.7	12.9	13.4	15.1	16.5	16.7	17.3	15.9	14.2	12.2	14.5	16.8	17.3

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	54.8%	58.6%	62.4%	61.2%	73.6%	61.5%	67.4%	67.7%	65.7%	60.9%	65.6%	64.9%	61.3%	52.1%
	2008	53.9%	58.1%	65.4%	65.1%	72.4%	60.8%	66.2%	61.9%	63.4%	61.1%	56.6%	59.4%	55.7%	52.0%
	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%	60.9%	66.8%	59.1%	57.8%	53.6%
Projected	2017	49.3%	50.8%	62.4%	59.7%	70.0%	59.9%	66.0%	61.2%	63.7%	62.7%	67.0%	59.1%	54.2%	52.7%
	2018	49.4%	50.8%	62.4%	59.7%	69.9%	59.9%	65.9%	61.2%	63.7%	62.8%	67.0%	59.1%	54.2%	52.7%
	2019	49.4%	50.8%	62.4%	59.7%	69.9%	59.9%	65.9%	61.2%	63.7%	62.8%	67.0%	59.1%	54.2%	52.7%
	2020	49.4%	49.1%	62.4%	59.7%	70.0%	59.9%	65.9%	61.1%	63.7%	62.8%	67.0%	59.1%	54.2%	52.7%
	2021	49.4%	50.8%	62.4%	59.8%	70.0%	59.9%	65.9%	61.1%	63.7%	62.8%	67.0%	59.1%	54.2%	52.7%
	2022	49.4%	50.8%	62.4%	59.8%	70.0%	59.9%	65.9%	61.1%	63.7%	62.8%	67.0%	59.1%	54.2%	52.7%
	2023	49.3%	50.8%	62.4%	59.8%	70.0%	59.9%	65.9%	61.1%	63.7%	62.8%	67.1%	59.1%	54.2%	52.7%
	2024	49.4%	49.1%	62.5%	59.8%	70.0%	59.9%	65.9%	61.1%	63.7%	62.8%	67.1%	59.1%	54.2%	52.7%
	2025	49.3%	50.8%	62.4%	59.8%	70.0%	59.9%	65.9%	61.1%	63.7%	62.8%	67.1%	59.1%	54.2%	52.7%
Avg.	2007-2016	53.9%	54.9%	63.2%	60.3%	68.6%	61.4%	67.1%	64.8%	64.4%	59.9%	60.8%	63.7%	54.3%	52.8%
	2017-2026	49.4%	50.5%	62.4%	59.7%	70.0%	59.9%	65.9%	61.1%	63.7%	62.8%	67.0%	59.1%	54.2%	52.7%

FMPA 2017 Load Forecast - Mild Weather Case
Starke
Monthly Coincident-Peak Demand with ARP (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	14.8	13.6	11.0	12.4	13.3	15.8	16.5	17.2	15.8	14.8	11.0	9.7	13.6	17.2
	2008	15.7	13.3	10.0	11.2	13.0	16.2	15.6	16.8	15.6	13.1	10.4	13.5	15.7	16.8
	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	12.1	10.1	11.5	14.0	15.5
Projected	2017	14.3	13.5	10.7	11.6	12.9	14.0	14.0	14.8	13.3	11.7	10.2	11.6	14.3	14.8
	2018	14.4	13.6	10.8	11.7	13.0	14.1	14.2	14.9	13.4	11.8	10.3	11.7	14.4	14.9
	2019	14.5	13.8	10.9	11.8	13.1	14.2	14.3	15.0	13.5	11.9	10.4	11.8	14.5	15.0
	2020	14.6	13.9	10.9	11.9	13.2	14.4	14.4	15.1	13.6	12.0	10.5	11.9	14.6	15.1
	2021	14.7	14.0	11.0	12.0	13.3	14.5	14.5	15.2	13.7	12.1	10.5	12.0	14.7	15.2
	2022	14.9	14.1	11.1	12.1	13.4	14.6	14.6	15.4	13.8	12.2	10.6	12.1	14.9	15.4
	2023	15.0	14.2	11.2	12.1	13.5	14.7	14.7	15.5	13.9	12.3	10.7	12.2	15.0	15.5
	2024	15.1	14.3	11.3	12.2	13.6	14.8	14.8	15.6	14.0	12.4	10.8	12.3	15.1	15.6
	2025	15.2	14.4	11.4	12.3	13.7	14.9	14.9	15.7	14.1	12.5	10.9	12.4	15.2	15.7
Projected	2026	15.3	14.5	11.4	12.4	13.8	15.0	15.0	15.9	14.3	12.6	11.0	12.5	15.3	15.9
	2027	15.5	14.6	11.5	12.5	13.9	15.2	15.2	16.0	14.4	12.7	11.1	12.6	15.5	16.0
	2028	15.6	14.7	11.6	12.6	14.0	15.3	15.3	16.1	14.5	12.8	11.1	12.7	15.6	16.1
	2029	15.7	14.9	11.7	12.7	14.2	15.4	15.4	16.2	14.6	12.9	11.2	12.8	15.7	16.2
	2030	15.8	15.0	11.8	12.8	14.2	15.5	15.5	16.3	14.7	12.9	11.3	12.8	15.8	16.3
	2031	15.9	15.1	11.9	12.9	14.3	15.6	15.6	16.5	14.8	13.0	11.4	12.9	15.9	16.5
	2032	16.0	15.2	12.0	13.0	14.4	15.7	15.7	16.6	14.9	13.1	11.4	13.0	16.0	16.6
	2033	16.1	15.2	12.0	13.1	14.5	15.8	15.8	16.7	15.0	13.2	11.5	13.1	16.1	16.7
	2034	16.2	15.3	12.1	13.1	14.6	15.9	15.9	16.8	15.1	13.3	11.6	13.2	16.2	16.8
	2035	16.3	15.4	12.2	13.2	14.7	16.0	16.0	16.9	15.2	13.4	11.6	13.3	16.3	16.9
	2036	16.4	15.5	12.3	13.3	14.8	16.1	16.1	17.0	15.3	13.4	11.7	13.3	16.4	17.0

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	100.0%	96.2%	88.7%	99.2%	99.2%	97.2%	98.3%	99.3%	99.5%	100.0%	100.0%	78.6%	92.2%	99.3%
	2008	100.0%	100.0%	88.0%	95.4%	95.3%	100.0%	100.0%	100.0%	100.0%	100.0%	79.4%	100.0%	100.0%	100.0%
	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%
Projected	2016	96.8%	100.0%	100.0%	99.5%	99.6%	99.0%	99.7%	99.9%	96.7%	94.9%	96.4%	92.1%	96.5%	99.1%
	2017	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2018	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2019	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2020	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2021	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2022	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2023	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2024	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2025	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2026	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
2007-2016		98.2%	98.2%	94.2%	99.0%	97.9%	97.9%	97.0%	96.4%	97.4%	98.4%	90.3%	92.4%	96.6%	97.2%
2017-2026		97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%

FMPA 2017 Load Forecast - Mild Weather Case - Starke

Historical and Projected - Energy Sales by Customer Class (Fiscal Year 2007-2036)

Fiscal Year		Residential						General Service						TOTAL SALES		DISTR.	TOTAL NEL	
		Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	LOSSES (MWh)	(MWh)	% Chg
Historical	2007	24,971		2,061		12,117		43,805		712		61.5		68,776		10,289	79,065	
	2008	24,341	-2.5%	2,041	-0.9%	11,924	-1.6%	43,787	0.0%	748	5.0%	58.5	-4.8%	68,128	-0.9%	8,827	76,955	-2.7%
	2009	24,125	-0.9%	2,024	-0.8%	11,918	-0.1%	41,452	-5.3%	741	-0.9%	55.9	-4.5%	65,577	-3.7%	10,384	75,961	-1.3%
	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	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	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	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	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	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	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	73,334	2.3%
Projected	2017	22,248	-7.6%	2,043	0.1%	10,891	-7.7%	43,332	-3.8%	742	1.0%	58.4	-4.7%	65,580	-5.1%	3,947	69,527	-5.2%
	2018	22,272	0.1%	2,043	0.0%	10,904	0.1%	43,575	0.6%	760	2.4%	57.3	-1.8%	65,847	0.4%	4,194	70,040	0.7%
	2019	22,348	0.3%	2,043	0.0%	10,941	0.3%	44,020	1.0%	774	1.8%	56.9	-0.8%	66,368	0.8%	4,227	70,594	0.8%
	2020	22,376	0.1%	2,043	0.0%	10,955	0.1%	44,485	1.1%	787	1.6%	56.5	-0.6%	66,861	0.7%	4,258	71,119	0.7%
	2021	22,396	0.1%	2,043	0.0%	10,965	0.1%	44,949	1.0%	799	1.5%	56.3	-0.4%	67,346	0.7%	4,289	71,634	0.7%
	2022	22,464	0.3%	2,043	0.0%	10,998	0.3%	45,391	1.0%	809	1.4%	56.1	-0.4%	67,855	0.8%	4,321	72,176	0.8%
	2023	22,573	0.5%	2,043	0.0%	11,052	0.5%	45,832	1.0%	820	1.3%	55.9	-0.3%	68,406	0.8%	4,357	72,762	0.8%
	2024	22,685	0.5%	2,043	0.0%	11,107	0.5%	46,265	0.9%	830	1.3%	55.7	-0.3%	68,951	0.8%	4,391	73,342	0.8%
	2025	22,802	0.5%	2,043	0.0%	11,164	0.5%	46,671	0.9%	840	1.2%	55.6	-0.3%	69,473	0.8%	4,424	73,898	0.8%
	2026	22,933	0.6%	2,043	0.0%	11,228	0.6%	47,083	0.9%	850	1.2%	55.4	-0.3%	70,017	0.8%	4,459	74,476	0.8%
	2027	23,066	0.6%	2,043	0.0%	11,293	0.6%	47,496	0.9%	860	1.2%	55.2	-0.3%	70,562	0.8%	4,494	75,056	0.8%
	2028	23,223	0.7%	2,043	0.0%	11,370	0.7%	47,922	0.9%	870	1.2%	55.1	-0.3%	71,145	0.8%	4,531	75,676	0.8%
	2029	23,353	0.6%	2,043	0.0%	11,433	0.6%	48,355	0.9%	880	1.2%	54.9	-0.3%	71,708	0.8%	4,567	76,275	0.8%
	2030	23,425	0.3%	2,043	0.0%	11,469	0.3%	48,775	0.9%	891	1.2%	54.8	-0.3%	72,199	0.7%	4,598	76,797	0.7%
	2031	23,496	0.3%	2,043	0.0%	11,504	0.3%	49,175	0.8%	900	1.1%	54.6	-0.3%	72,671	0.7%	4,628	77,299	0.7%
	2032	23,571	0.3%	2,043	0.0%	11,540	0.3%	49,575	0.8%	910	1.1%	54.5	-0.3%	73,146	0.7%	4,658	77,804	0.7%
	2033	23,633	0.3%	2,043	0.0%	11,571	0.3%	49,975	0.8%	920	1.1%	54.3	-0.3%	73,608	0.6%	4,688	78,296	0.6%
	2034	23,684	0.2%	2,043	0.0%	11,595	0.2%	50,364	0.8%	930	1.0%	54.2	-0.3%	74,047	0.6%	4,716	78,763	0.6%
	2035	23,736	0.2%	2,043	0.0%	11,621	0.2%	50,770	0.8%	940	1.1%	54.0	-0.3%	74,506	0.6%	4,745	79,251	0.6%
	2036	23,801	0.3%	2,043	0.0%	11,653	0.3%	51,195	0.8%	950	1.1%	53.9	-0.3%	74,997	0.7%	4,776	79,773	0.7%
CAGR	2007-2016		-0.4%		-0.1%		-0.3%		0.3%		0.4%		0.0%		0.1%			-0.8%
	2017-2026		0.3%		0.0%		0.3%		0.9%		1.5%		-0.6%		0.7%			0.8%
	2027-2036		0.3%		0.0%		0.3%		0.8%		1.1%		-0.3%		0.7%			0.7%

CAGR - Compound Average Growth Rate.

FMPA 2017 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)
Historical	2007	79,065	-	79,905	-	1.1%	13.6	-	15.9	-	16.9%	17.2	-	16.8	-	-2.4%
	2008	76,955	-2.7%	77,313	-3.2%	0.5%	15.7	15.1%	15.4	-3.3%	-1.7%	16.8	-2.7%	16.7	-0.5%	-0.2%
	2009	75,961	-1.3%	75,740	-2.0%	-0.3%	16.4	4.6%	16.0	4.0%	-2.3%	16.1	-3.8%	16.9	0.9%	4.6%
	2010	78,225	3.0%	73,860	-2.5%	-5.6%	18.3	11.6%	16.2	1.4%	-11.3%	16.0	-1.1%	15.5	-8.4%	-3.1%
	2011	75,725	-3.2%	71,949	-2.6%	-5.0%	16.1	-12.1%	16.7	2.7%	3.6%	13.0	-18.7%	11.8	-23.4%	-8.7%
	2012	69,269	-8.5%	69,069	-4.0%	-0.3%	15.1	-5.9%	14.4	-13.4%	-4.7%	14.7	13.1%	13.7	15.3%	-6.9%
	2013	68,678	-0.9%	68,399	-1.0%	-0.4%	12.7	-16.2%	13.7	-5.0%	8.0%	15.1	2.7%	15.5	13.7%	3.1%
	2014	69,954	1.9%	69,652	1.8%	-0.4%	13.7	7.9%	14.9	8.8%	9.0%	15.2	1.1%	15.7	1.3%	3.2%
	2015	71,692	2.5%	69,695	0.1%	-2.8%	15.2	10.7%	16.1	7.8%	6.1%	15.6	2.0%	16.8	6.8%	8.1%
	2016	73,334	2.3%	70,392	1.0%	-4.0%	14.0	-7.7%	15.2	-5.6%	8.5%	15.5	-0.5%	15.6	-7.3%	0.6%
Projected	2017	75,474	2.9%	75,474	7.2%		15.5	10.9%	15.5	2.2%		16.0	3.6%	16.0	3.0%	
	2018			76,059	0.8%				15.6	0.8%				16.2	0.8%	
	2019			76,651	0.8%				15.8	0.8%				16.3	0.8%	
	2020			77,206	0.7%				15.9	0.7%				16.4	0.7%	
	2021			77,750	0.7%				16.0	0.7%				16.5	0.7%	
	2022			78,327	0.7%				16.1	0.8%				16.7	0.8%	
	2023			78,956	0.8%				16.2	0.8%				16.8	0.8%	
	2024			79,577	0.8%				16.4	0.8%				16.9	0.8%	
	2025			80,174	0.8%				16.5	0.8%				17.0	0.8%	
	2026			80,797	0.8%				16.6	0.8%				17.2	0.8%	
	2027			81,421	0.8%				16.7	0.8%				17.3	0.8%	
	2028			82,091	0.8%				16.9	0.8%				17.5	0.8%	
	2029			82,734	0.8%				17.0	0.8%				17.6	0.8%	
	2030			83,292	0.7%				17.1	0.7%				17.7	0.7%	
	2031			83,827	0.6%				17.2	0.6%				17.8	0.6%	
	2032			84,367	0.6%				17.3	0.6%				17.9	0.6%	
	2033			84,890	0.6%				17.5	0.6%				18.0	0.6%	
	2034			85,387	0.6%				17.6	0.6%				18.2	0.6%	
2035			85,907	0.6%				17.7	0.6%				18.3	0.6%		
2036			86,463	0.6%				17.8	0.6%				18.4	0.6%		
CAGR ^[3]	2007-2016		-0.8%		-1.4%			0.3%		-0.5%			-1.2%		-0.9%	
	2017-2026				0.8%					0.8%					0.8%	
	2027-2036				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 2017 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					
		Actual (MWh)	Percent Change	Normalized (MWh)	Percent Change	Percent Diff.	Winter (MW)	Percent Change	Load Factor	Summer (MW)	Percent Change	Load Factor
Historical	2007	79,065	-	79,905	-	1.1%	14.8	-	61.1%	17.4	-	52.0%
	2008	76,955	-2.7%	77,313	-3.2%	0.5%	15.7	6.1%	56.1%	16.8	-3.4%	52.4%
	2009	75,961	-1.3%	75,740	-2.0%	-0.3%	16.8	7.2%	51.6%	16.3	-2.8%	53.2%
	2010	78,225	3.0%	73,860	-2.5%	-5.6%	18.6	10.5%	48.1%	16.4	0.4%	54.5%
	2011	75,725	-3.2%	71,949	-2.6%	-5.0%	16.8	-9.3%	51.3%	16.0	-2.1%	53.9%
	2012	69,269	-8.5%	69,069	-4.0%	-0.3%	15.1	-10.1%	52.2%	14.9	-6.9%	53.0%
	2013	68,678	-0.9%	68,399	-1.0%	-0.4%	13.5	-10.8%	58.0%	15.2	2.0%	51.5%
	2014	69,954	1.9%	69,652	1.8%	-0.4%	15.0	11.0%	53.3%	15.3	0.5%	52.2%
	2015	71,692	2.5%	69,695	0.1%	-2.8%	15.2	1.1%	54.0%	15.7	2.6%	52.2%
	2016	73,334	2.3%	70,392	1.0%	-4.0%	14.5	-4.4%	57.7%	15.6	-0.4%	53.6%
Projected	2017	75,474	2.9%	75,474	7.2%		15.9	9.6%	54.2%	16.4	4.6%	52.7%
	2018	76,059	0.8%	76,059	0.8%		16.0	0.8%	54.2%	16.5	0.8%	52.7%
	2019	76,651	0.8%	76,651	0.8%		16.1	0.8%	54.2%	16.6	0.8%	52.7%
	2020	77,206	0.7%	77,206	0.7%		16.3	0.7%	54.2%	16.7	0.7%	52.7%
	2021	77,750	0.7%	77,750	0.7%		16.4	0.7%	54.2%	16.8	0.7%	52.7%
	2022	78,327	0.7%	78,327	0.7%		16.5	0.8%	54.2%	17.0	0.8%	52.7%
	2023	78,956	0.8%	78,956	0.8%		16.6	0.8%	54.2%	17.1	0.8%	52.7%
	2024	79,577	0.8%	79,577	0.8%		16.8	0.8%	54.2%	17.2	0.8%	52.7%
	2025	80,174	0.8%	80,174	0.8%		16.9	0.8%	54.2%	17.4	0.8%	52.7%
	2026	80,797	0.8%	80,797	0.8%		17.0	0.8%	54.2%	17.5	0.8%	52.7%
	2027	81,421	0.8%	81,421	0.8%		17.2	0.8%	54.2%	17.6	0.8%	52.7%
	2028	82,091	0.8%	82,091	0.8%		17.3	0.8%	54.2%	17.8	0.8%	52.7%
	2029	82,734	0.8%	82,734	0.8%		17.4	0.8%	54.2%	17.9	0.8%	52.7%
	2030	83,292	0.7%	83,292	0.7%		17.5	0.7%	54.2%	18.0	0.7%	52.7%
	2031	83,827	0.6%	83,827	0.6%		17.7	0.6%	54.2%	18.2	0.6%	52.7%
	2032	84,367	0.6%	84,367	0.6%		17.8	0.6%	54.2%	18.3	0.6%	52.7%
	2033	84,890	0.6%	84,890	0.6%		17.9	0.6%	54.2%	18.4	0.6%	52.7%
	2034	85,387	0.6%	85,387	0.6%		18.0	0.6%	54.2%	18.5	0.6%	52.7%
	2035	85,907	0.6%	85,907	0.6%		18.1	0.6%	54.2%	18.6	0.6%	52.7%
	2036	86,463	0.6%	86,463	0.6%		18.2	0.6%	54.2%	18.7	0.6%	52.7%
CAGR ^[1]	2007-2016		-0.8%		-1.4%			-0.2%	54.3%		-1.2%	52.8%
	2017-2026		0.8%		0.8%			0.8%	54.2%		0.8%	52.7%
	2027-2036		0.7%		0.7%			0.7%	54.2%		0.7%	52.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2017 Load Forecast - Severe Weather Case

Starke

Monthly Net Energy for Load (MWh)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2007	6,021	5,576	5,767	5,711	6,621	7,436	8,146	8,757	7,489	6,679	5,356	5,775	79,334	79,065
	2008	6,289	5,400	5,510	5,677	6,652	7,323	7,452	7,723	7,120	5,940	5,544	5,760	76,390	76,955
	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	5,796	5,227	6,102	74,165	73,334
Projected	2017	6,511	5,375	5,296	5,195	6,199	7,135	7,839	7,776	7,023	5,785	5,287	6,155	75,576	75,474
	2018	6,571	5,421	5,341	5,238	6,248	7,192	7,901	7,839	7,081	5,832	5,331	6,204	76,199	76,059
	2019	6,622	5,463	5,383	5,280	6,297	7,246	7,959	7,896	7,137	5,879	5,373	6,248	76,783	76,651
	2020	6,666	5,501	5,423	5,321	6,345	7,299	8,015	7,949	7,186	5,922	5,412	6,291	77,330	77,206
	2021	6,708	5,537	5,462	5,361	6,392	7,352	8,071	8,005	7,238	5,966	5,453	6,335	77,879	77,750
	2022	6,753	5,576	5,503	5,402	6,441	7,408	8,132	8,065	7,293	6,013	5,497	6,384	78,467	78,327
	2023	6,804	5,619	5,547	5,447	6,494	7,469	8,198	8,131	7,353	6,063	5,543	6,436	79,104	78,956
	2024	6,857	5,663	5,591	5,491	6,546	7,527	8,260	8,192	7,409	6,109	5,585	6,483	79,712	79,577
	2025	6,906	5,704	5,633	5,533	6,595	7,584	8,322	8,254	7,466	6,157	5,629	6,533	80,316	80,174
Projected	2026	6,958	5,748	5,677	5,576	6,647	7,643	8,387	8,317	7,524	6,205	5,673	6,583	80,938	80,797
	2027	7,010	5,791	5,721	5,620	6,699	7,703	8,452	8,382	7,583	6,255	5,719	6,636	81,570	81,421
	2028	7,066	5,839	5,769	5,667	6,755	7,767	8,522	8,451	7,646	6,307	5,766	6,689	82,244	82,091
	2029	7,122	5,885	5,815	5,712	6,809	7,827	8,586	8,514	7,703	6,354	5,809	6,736	82,871	82,734
	2030	7,169	5,924	5,854	5,752	6,855	7,879	8,641	8,568	7,752	6,395	5,847	6,778	83,414	83,292
	2031	7,212	5,960	5,892	5,790	6,900	7,930	8,696	8,622	7,803	6,437	5,886	6,821	83,951	83,827
	2032	7,256	5,997	5,930	5,829	6,945	7,982	8,752	8,677	7,853	6,480	5,925	6,864	84,491	84,367
	2033	7,299	6,034	5,968	5,866	6,989	8,031	8,804	8,728	7,900	6,519	5,961	6,904	85,005	84,890
	2034	7,339	6,068	6,003	5,902	7,031	8,079	8,855	8,779	7,947	6,559	5,998	6,944	85,503	85,387
Projected	2035	7,380	6,103	6,040	5,939	7,076	8,129	8,910	8,833	7,997	6,602	6,038	6,988	86,034	85,907
	2036	7,425	6,141	6,079	5,979	7,123	8,183	8,967	8,889	8,049	6,646	6,078	7,032	86,592	86,463

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2007	7.6%	7.0%	7.3%	7.2%	8.3%	9.4%	10.3%	11.0%	9.4%	8.4%	6.8%	7.3%	100.0%
	2008	8.2%	7.1%	7.2%	7.4%	8.7%	9.6%	9.8%	10.1%	9.3%	7.8%	7.3%	7.5%	100.0%
	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	8.1%	7.2%	7.0%	6.8%	8.4%	9.6%	10.5%	10.3%	9.2%	7.8%	7.0%	8.2%	100.0%
Projected	2017	8.6%	7.1%	7.0%	6.9%	8.2%	9.4%	10.4%	10.3%	9.3%	7.7%	7.0%	8.1%	100.0%
	2018	8.6%	7.1%	7.0%	6.9%	8.2%	9.4%	10.4%	10.3%	9.3%	7.7%	7.0%	8.1%	100.0%
	2019	8.6%	7.1%	7.0%	6.9%	8.2%	9.4%	10.4%	10.3%	9.3%	7.7%	7.0%	8.1%	100.0%
	2020	8.6%	7.1%	7.0%	6.9%	8.2%	9.4%	10.4%	10.3%	9.3%	7.7%	7.0%	8.1%	100.0%
	2021	8.6%	7.1%	7.0%	6.9%	8.2%	9.4%	10.4%	10.3%	9.3%	7.7%	7.0%	8.1%	100.0%
	2022	8.6%	7.1%	7.0%	6.9%	8.2%	9.4%	10.4%	10.3%	9.3%	7.7%	7.0%	8.1%	100.0%
	2023	8.6%	7.1%	7.0%	6.9%	8.2%	9.4%	10.4%	10.3%	9.3%	7.7%	7.0%	8.1%	100.0%
	2024	8.6%	7.1%	7.0%	6.9%	8.2%	9.4%	10.4%	10.3%	9.3%	7.7%	7.0%	8.1%	100.0%
	2025	8.6%	7.1%	7.0%	6.9%	8.2%	9.4%	10.4%	10.3%	9.3%	7.7%	7.0%	8.1%	100.0%
Avg.	2007-2016	8.2%	7.1%	7.2%	7.2%	8.6%	9.5%	10.1%	10.3%	9.2%	7.9%	7.0%	7.7%	100.0%
	2017-2026	8.6%	7.1%	7.0%	6.9%	8.2%	9.4%	10.4%	10.3%	9.3%	7.7%	7.0%	8.1%	100.0%

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

FMPA 2017 Load Forecast - Severe Weather Case

Starke Monthly Non-Coincident Peak Demand (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	14.8	14.2	12.4	12.5	13.4	16.3	16.8	17.4	15.8	14.8	11.0	12.4	14.8	17.4
	2008	15.7	13.3	11.3	11.7	13.7	16.2	15.6	16.8	15.6	13.1	13.2	13.5	15.7	16.8
	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	12.8	11.4	13.6	14.5	15.6
Projected	2017	15.9	14.8	12.2	12.7	14.3	15.6	15.8	16.4	15.0	13.4	11.5	13.7	15.9	16.4
	2018	16.0	14.9	12.3	12.8	14.4	15.7	15.9	16.5	15.1	13.5	11.6	13.8	16.0	16.5
	2019	16.1	15.1	12.4	12.9	14.5	15.8	16.0	16.6	15.3	13.6	11.7	13.9	16.1	16.6
	2020	16.3	15.2	12.4	13.0	14.6	16.0	16.1	16.7	15.4	13.7	11.8	14.0	16.3	16.7
	2021	16.4	15.3	12.5	13.1	14.7	16.1	16.3	16.8	15.5	13.8	11.9	14.1	16.4	16.8
	2022	16.5	15.4	12.6	13.2	14.8	16.2	16.4	17.0	15.6	13.9	11.9	14.2	16.5	17.0
	2023	16.6	15.5	12.7	13.3	15.0	16.3	16.5	17.1	15.7	14.0	12.0	14.3	16.6	17.1
	2024	16.8	15.6	12.8	13.4	15.1	16.4	16.6	17.2	15.8	14.1	12.1	14.4	16.8	17.2
	2025	16.9	15.7	12.9	13.5	15.2	16.6	16.8	17.4	16.0	14.2	12.2	14.6	16.9	17.4
Projected	2026	17.0	15.9	13.0	13.6	15.3	16.7	16.9	17.5	16.1	14.3	12.3	14.7	17.0	17.5
	2027	17.2	16.0	13.1	13.7	15.4	16.8	17.0	17.6	16.2	14.4	12.4	14.8	17.2	17.6
	2028	17.3	16.1	13.2	13.8	15.6	17.0	17.2	17.8	16.3	14.6	12.5	14.9	17.3	17.8
	2029	17.4	16.2	13.3	13.9	15.7	17.1	17.3	17.9	16.5	14.7	12.6	15.0	17.4	17.9
	2030	17.5	16.4	13.4	14.0	15.8	17.2	17.4	18.0	16.6	14.8	12.7	15.1	17.5	18.0
	2031	17.7	16.5	13.5	14.1	15.9	17.3	17.5	18.2	16.7	14.9	12.8	15.2	17.7	18.2
	2032	17.8	16.6	13.6	14.2	16.0	17.4	17.6	18.3	16.8	15.0	12.8	15.3	17.8	18.3
	2033	17.9	16.7	13.7	14.3	16.1	17.5	17.7	18.4	16.9	15.1	12.9	15.4	17.9	18.4
	2034	18.0	16.8	13.8	14.4	16.2	17.6	17.9	18.5	17.0	15.1	13.0	15.5	18.0	18.5
Projected	2035	18.1	16.9	13.8	14.4	16.3	17.7	18.0	18.6	17.1	15.2	13.1	15.6	18.1	18.6
	2036	18.2	17.0	13.9	14.5	16.4	17.9	18.1	18.7	17.2	15.3	13.2	15.7	18.2	18.7

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	54.8%	58.6%	62.4%	61.2%	73.6%	61.5%	67.4%	67.7%	65.7%	60.9%	65.6%	64.9%	61.3%	52.1%
	2008	53.9%	58.1%	65.4%	65.1%	72.4%	60.8%	66.2%	61.9%	63.4%	61.1%	56.6%	59.4%	55.7%	52.0%
	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%	59.6%	59.6%	66.1%	63.9%	63.5%	60.8%	56.5%	75.0%	54.2%	52.4%
Projected	2016	55.5%	54.6%	61.5%	55.8%	66.0%	63.4%	69.4%	65.4%	68.4%	60.9%	61.5%	62.3%	58.4%	54.2%
	2017	55.1%	54.0%	58.5%	55.0%	64.5%	61.5%	69.0%	63.9%	65.0%	58.1%	61.7%	62.4%	54.3%	52.8%
	2018	55.1%	54.0%	58.6%	55.0%	64.5%	61.5%	69.0%	63.9%	65.0%	58.1%	61.8%	62.4%	54.3%	52.8%
	2019	55.1%	54.0%	58.6%	55.1%	64.5%	61.5%	69.0%	63.9%	65.0%	58.1%	61.8%	62.4%	54.3%	52.8%
	2020	55.1%	52.1%	58.6%	55.1%	64.5%	61.5%	68.9%	63.9%	65.0%	58.1%	61.8%	62.4%	54.3%	52.8%
	2021	55.1%	54.0%	58.6%	55.1%	64.5%	61.5%	68.9%	63.9%	65.0%	58.1%	61.8%	62.3%	54.3%	52.8%
	2022	55.0%	53.9%	58.6%	55.1%	64.5%	61.5%	68.9%	63.9%	65.0%	58.2%	61.8%	62.3%	54.3%	52.8%
	2023	55.0%	53.9%	58.6%	55.1%	64.6%	61.5%	68.9%	63.9%	65.0%	58.2%	61.9%	62.3%	54.3%	52.8%
	2024	55.0%	52.1%	58.6%	55.2%	64.6%	61.5%	68.9%	63.8%	65.0%	58.2%	61.9%	62.3%	54.3%	52.8%
Projected	2025	55.0%	53.9%	58.6%	55.2%	64.6%	61.5%	68.9%	63.8%	65.0%	58.2%	61.9%	62.3%	54.3%	52.8%
	2026	54.9%	53.9%	58.6%	55.2%	64.6%	61.5%	68.9%	63.8%	65.0%	58.2%	61.9%	62.3%	54.3%	52.8%
Avg.	2007-2016	53.9%	54.9%	63.2%	60.3%	68.6%	61.4%	67.1%	64.8%	64.4%	59.9%	60.3%	64.0%	54.3%	52.8%
	2017-2026	55.0%	53.6%	58.6%	55.1%	64.5%	61.5%	69.0%	63.9%	65.0%	58.1%	61.8%	62.3%	54.3%	52.8%

FMPA 2017 Load Forecast - Severe Weather Case
Starke
Monthly Coincident-Peak Demand with ARP (MW)

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	14.8	13.6	11.0	12.4	13.3	15.8	16.5	17.2	15.8	14.8	11.0	9.7	13.6	17.2
	2008	15.7	13.3	10.0	11.2	13.0	16.2	15.6	16.8	15.6	13.1	10.4	13.5	15.7	16.8
	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	12.1	11.0	12.5	14.0	15.5
Projected	2017	15.5	14.7	11.6	12.6	14.0	15.2	15.2	16.0	14.4	12.7	11.1	12.6	15.5	16.0
	2018	15.6	14.8	11.7	12.7	14.1	15.3	15.3	16.2	14.5	12.8	11.2	12.7	15.6	16.2
	2019	15.8	14.9	11.8	12.8	14.2	15.5	15.5	16.3	14.7	12.9	11.3	12.8	15.8	16.3
	2020	15.9	15.0	11.9	12.9	14.3	15.6	15.6	16.4	14.8	13.0	11.3	12.9	15.9	16.4
	2021	16.0	15.1	11.9	13.0	14.4	15.7	15.7	16.5	14.9	13.1	11.4	13.0	16.0	16.5
	2022	16.1	15.2	12.0	13.1	14.5	15.8	15.8	16.7	15.0	13.2	11.5	13.1	16.1	16.7
	2023	16.2	15.4	12.1	13.2	14.6	15.9	15.9	16.8	15.1	13.3	11.6	13.2	16.2	16.8
	2024	16.4	15.5	12.2	13.3	14.7	16.0	16.1	16.9	15.2	13.4	11.7	13.3	16.4	16.9
	2025	16.5	15.6	12.3	13.4	14.9	16.2	16.2	17.0	15.3	13.5	11.8	13.4	16.5	17.0
Projected	2026	16.6	15.7	12.4	13.5	15.0	16.3	16.3	17.2	15.4	13.6	11.9	13.5	16.6	17.2
	2027	16.7	15.8	12.5	13.6	15.1	16.4	16.4	17.3	15.6	13.7	12.0	13.6	16.7	17.3
	2028	16.9	16.0	12.6	13.7	15.2	16.6	16.6	17.5	15.7	13.8	12.1	13.7	16.9	17.5
	2029	17.0	16.1	12.7	13.8	15.3	16.7	16.7	17.6	15.8	13.9	12.1	13.8	17.0	17.6
	2030	17.1	16.2	12.8	13.9	15.4	16.8	16.8	17.7	15.9	14.0	12.2	13.9	17.1	17.7
	2031	17.2	16.3	12.9	14.0	15.5	16.9	16.9	17.8	16.0	14.1	12.3	14.0	17.2	17.8
	2032	17.3	16.4	12.9	14.1	15.6	17.0	17.0	17.9	16.1	14.2	12.4	14.1	17.3	17.9
	2033	17.5	16.5	13.0	14.2	15.7	17.1	17.1	18.0	16.2	14.3	12.5	14.2	17.5	18.0
	2034	17.6	16.6	13.1	14.2	15.8	17.2	17.2	18.2	16.3	14.4	12.5	14.3	17.6	18.2
	2035	17.7	16.7	13.2	14.3	15.9	17.3	17.3	18.3	16.4	14.5	12.6	14.3	17.7	18.3
	2036	17.8	16.8	13.3	14.4	16.0	17.4	17.4	18.4	16.5	14.6	12.7	14.4	17.8	18.4

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2007	100.0%	96.2%	88.7%	99.2%	99.2%	97.2%	98.3%	99.3%	99.5%	100.0%	100.0%	78.6%	92.2%	99.3%
	2008	100.0%	100.0%	88.0%	95.4%	95.3%	100.0%	100.0%	100.0%	100.0%	100.0%	79.4%	100.0%	100.0%	100.0%
	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%
Projected	2016	96.8%	100.0%	100.0%	99.5%	99.6%	99.0%	99.7%	99.9%	96.7%	94.9%	96.4%	92.1%	96.5%	99.1%
	2017	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2018	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2019	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2020	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2021	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2022	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2023	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2024	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2025	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
	2026	97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%
2007-2016		98.2%	98.2%	94.2%	99.0%	97.9%	97.9%	97.0%	96.4%	97.4%	98.4%	90.3%	92.4%	96.6%	97.2%
2017-2026		97.6%	99.1%	95.3%	99.2%	97.8%	97.6%	96.5%	98.1%	96.1%	94.9%	96.4%	92.1%	97.6%	98.1%

FMPA 2017 Load Forecast - Severe Weather Case - Starke

Historical and Projected - Energy Sales by Customer Class (Fiscal Year 2007-2036)

Fiscal Year		Residential						General Service						TOTAL SALES		DISTR.	TOTAL NEL	
		Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	LOSSES (MWh)	(MWh)	% Chg
Historical	2007	24,971		2,061		12,117		43,805		712		61.5		68,776		10,289	79,065	
	2008	24,341	-2.5%	2,041	-0.9%	11,924	-1.6%	43,787	0.0%	748	5.0%	58.5	-4.8%	68,128	-0.9%	8,827	76,955	-2.7%
	2009	24,125	-0.9%	2,024	-0.8%	11,918	-0.1%	41,452	-5.3%	741	-0.9%	55.9	-4.5%	65,577	-3.7%	10,384	75,961	-1.3%
	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	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	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	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	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	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	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	73,334	2.3%
Projected	2017	25,635	6.5%	2,043	0.1%	12,550	6.4%	45,718	1.5%	742	1.0%	61.6	0.5%	71,353	3.2%	4,121	75,474	2.9%
	2018	25,799	0.6%	2,043	0.0%	12,631	0.6%	46,087	0.8%	760	2.4%	60.6	-1.6%	71,887	0.7%	4,172	76,059	0.8%
	2019	25,888	0.3%	2,043	0.0%	12,675	0.3%	46,558	1.0%	774	1.8%	60.1	-0.8%	72,446	0.8%	4,204	76,651	0.8%
	2020	25,921	0.1%	2,043	0.0%	12,691	0.1%	47,050	1.1%	787	1.6%	59.8	-0.6%	72,971	0.7%	4,235	77,206	0.7%
	2021	25,944	0.1%	2,043	0.0%	12,702	0.1%	47,541	1.0%	799	1.5%	59.5	-0.4%	73,485	0.7%	4,265	77,750	0.7%
	2022	26,022	0.3%	2,043	0.0%	12,740	0.3%	48,008	1.0%	809	1.4%	59.3	-0.4%	74,031	0.7%	4,297	78,327	0.7%
	2023	26,149	0.5%	2,043	0.0%	12,802	0.5%	48,475	1.0%	820	1.3%	59.1	-0.3%	74,624	0.8%	4,331	78,956	0.8%
	2024	26,279	0.5%	2,043	0.0%	12,866	0.5%	48,933	0.9%	830	1.3%	58.9	-0.3%	75,212	0.8%	4,365	79,577	0.8%
	2025	26,414	0.5%	2,043	0.0%	12,932	0.5%	49,362	0.9%	840	1.2%	58.8	-0.3%	75,776	0.8%	4,398	80,174	0.8%
	2026	26,566	0.6%	2,043	0.0%	13,007	0.6%	49,798	0.9%	850	1.2%	58.6	-0.3%	76,364	0.8%	4,433	80,797	0.8%
	2027	26,720	0.6%	2,043	0.0%	13,082	0.6%	50,234	0.9%	860	1.2%	58.4	-0.3%	76,954	0.8%	4,467	81,421	0.8%
	2028	26,902	0.7%	2,043	0.0%	13,171	0.7%	50,685	0.9%	870	1.2%	58.3	-0.3%	77,587	0.8%	4,504	82,091	0.8%
	2029	27,052	0.6%	2,043	0.0%	13,245	0.6%	51,143	0.9%	880	1.2%	58.1	-0.3%	78,195	0.8%	4,539	82,734	0.8%
	2030	27,136	0.3%	2,043	0.0%	13,285	0.3%	51,587	0.9%	891	1.2%	57.9	-0.3%	78,722	0.7%	4,570	83,292	0.7%
	2031	27,218	0.3%	2,043	0.0%	13,326	0.3%	52,010	0.8%	900	1.1%	57.8	-0.3%	79,228	0.6%	4,599	83,827	0.6%
	2032	27,305	0.3%	2,043	0.0%	13,368	0.3%	52,433	0.8%	910	1.1%	57.6	-0.3%	79,738	0.6%	4,629	84,367	0.6%
	2033	27,377	0.3%	2,043	0.0%	13,404	0.3%	52,856	0.8%	920	1.1%	57.4	-0.3%	80,233	0.6%	4,658	84,890	0.6%
	2034	27,435	0.2%	2,043	0.0%	13,432	0.2%	53,267	0.8%	930	1.0%	57.3	-0.3%	80,702	0.6%	4,685	85,387	0.6%
	2035	27,496	0.2%	2,043	0.0%	13,462	0.2%	53,697	0.8%	940	1.1%	57.1	-0.3%	81,193	0.6%	4,714	85,907	0.6%
	2036	27,572	0.3%	2,043	0.0%	13,499	0.3%	54,147	0.8%	950	1.1%	57.0	-0.3%	81,718	0.6%	4,744	86,463	0.6%
CAGR	2007-2016		-0.4%		-0.1%		-0.3%		0.3%		0.4%		0.0%		0.1%			-0.8%
	2017-2026		0.4%		0.0%		0.4%		1.0%		1.5%		-0.6%		0.8%			0.8%
	2027-2036		0.3%		0.0%		0.3%		0.8%		1.1%		-0.3%		0.7%			0.7%

CAGR - Compound Average Growth Rate.