

Case F
2030 generic Only

winter load growth => 0.50%
summer load growth => 0.50%

2016 to 2046 Average
7,397 9,677 5,298
345 350 340

Year/Month	Monthly total Energy (MWh)												Totals in MWh			Total	KPU	345	350	340
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Spill	Diesel	Load	% Diesel	% Diesel			
2011	0	0	0	0	0	0	0	9,395	9,395	9,395	0	0	28,185	0	266,188	0	0	10,000	13,420	6,613
2012	464	0	0	0	0	1,330	0	6,993	6,993	6,993	0	0	20,979	1,794	275,188	0.7%	1.1%	10,000	13,420	6,613
2013	1,149	0	0	0	0	1,825	0	5,120	5,120	5,120	0	0	15,359	2,974	281,987	1.1%	1.8%	10,000	13,420	6,613
2014	2,097	0	196	0	0	2,567	0	3,766	3,766	3,766	118	1,175	11,299	6,153	289,227	2.1%	3.7%	10,000	11,299	6,613
2015	3,046	179	922	189	0	3,309	0	2,962	2,962	2,962	793	2,543	8,887	10,981	296,467	3.7%	6.4%	8,887	8,887	6,613
2016	3,205	379	1,575	1,339	0	3,308	0	2,193	2,193	2,193	882	3,904	6,579	14,592	302,386	4.8%	8.3%	6,579	6,579	6,579
2017	3,361	508	1,715	1,464	85	3,409	0	2,034	2,034	2,034	1,018	4,067	6,102	15,627	303,898	5.1%	8.9%	6,102	6,102	6,102
2018	3,745	808	2,016	1,738	347	3,649	52	1,658	1,658	1,658	1,356	4,466	4,974	18,176	307,575	5.9%	10.2%	4,974	4,974	4,974
2019	3,904	939	2,158	1,864	460	3,751	166	1,543	1,543	1,543	1,495	4,631	4,630	19,369	309,113	6.3%	10.8%	4,630	4,926	4,630
2020	4,063	1,071	2,300	1,992	575	3,855	280	1,428	1,428	1,428	1,635	4,798	4,283	20,569	310,658	6.6%	11.4%	4,283	4,926	4,283
2021	4,224	1,203	2,444	2,120	690	3,959	395	1,312	1,312	1,312	1,775	4,965	3,935	21,774	312,212	7.0%	12.0%	3,935	4,926	3,935
2022	4,385	1,336	2,588	2,249	805	4,063	510	1,195	1,195	1,195	1,916	5,133	3,586	22,985	313,773	7.3%	12.6%	3,600	4,926	3,586
2023	4,547	1,470	2,732	2,378	921	4,168	626	1,078	1,078	1,078	2,058	5,302	3,234	24,202	315,341	7.7%	13.2%	3,600	4,926	3,234
2024	4,710	1,604	2,878	2,508	1,038	4,274	742	960	960	960	2,201	5,471	2,881	25,426	316,918	8.0%	13.8%	3,600	4,926	2,881
2025	4,873	1,739	3,024	2,639	1,155	4,379	859	842	842	842	2,344	5,642	2,526	26,655	318,503	8.4%	14.4%	3,600	4,926	2,526
2026	5,038	1,875	3,171	2,771	1,273	4,486	977	723	723	723	2,488	5,813	2,169	27,891	320,095	8.7%	15.0%	3,600	4,926	2,274
2027	5,203	2,011	3,318	2,903	1,391	4,593	1,095	603	603	603	2,633	5,986	1,810	29,133	321,696	9.1%	15.6%	3,600	4,926	2,274
2028	5,369	2,148	3,467	3,035	1,510	4,701	1,214	483	483	483	2,779	6,159	1,450	30,381	323,304	9.4%	16.2%	3,600	4,926	2,274
2029	5,536	2,286	3,616	3,169	1,630	4,809	1,333	363	363	363	2,925	6,333	1,088	31,636	324,921	9.7%	16.8%	3,600	4,926	2,274
2030	4,055	892	2,525	822	0	0	0	10,094	10,094	10,094	0	4,159	30,282	12,454	326,545	3.8%	6.6%	10,000	13,420	6,613
2031	4,224	1,031	2,676	957	0	0	0	9,806	9,806	9,806	0	4,335	29,418	13,223	328,178	4.0%	6.9%	10,000	13,420	6,613
2032	4,393	1,171	2,827	1,092	0	0	0	9,517	9,517	9,517	0	4,512	28,550	13,995	329,819	4.2%	7.3%	10,000	13,420	6,613
2033	4,564	1,311	2,979	1,228	0	0	0	9,226	9,226	9,226	0	4,689	27,677	14,772	331,468	4.5%	7.7%	10,000	13,420	6,613
2034	4,735	1,453	3,132	1,365	0	0	0	8,933	8,933	8,933	0	4,868	26,800	15,552	333,125	4.7%	8.0%	10,000	13,420	6,613
2035	4,907	1,594	3,286	1,502	0	0	0	8,639	8,639	8,639	0	5,047	25,918	16,336	334,791	4.9%	8.4%	10,000	13,420	6,613
2036	5,080	1,737	3,440	1,641	0	0	0	8,344	8,344	8,344	0	5,227	25,033	17,124	336,465	5.1%	8.8%	10,000	13,420	6,613
2037	5,253	1,880	3,595	1,779	0	0	0	8,081	8,081	8,081	100	5,408	24,242	18,016	338,147	5.3%	9.2%	10,000	13,420	6,613
2038	5,428	2,024	3,751	1,919	0	0	0	7,833	7,833	7,833	253	5,590	23,500	18,965	339,838	5.6%	9.6%	10,000	13,420	6,613
2039	5,603	2,169	3,908	2,059	0	0	0	7,585	7,585	7,585	406	5,773	22,755	19,919	341,537	5.8%	10.1%	10,000	13,420	6,613
2040	5,780	2,314	4,066	2,200	0	0	0	7,335	7,335	7,335	561	5,957	22,006	20,877	343,245	6.1%	10.5%	10,000	13,420	6,613
2041	5,957	2,460	4,224	2,342	0	0	0	7,084	7,084	7,084	716	6,142	21,253	21,841	344,961	6.3%	10.9%	10,000	13,420	6,613
2042	6,135	2,607	4,383	2,484	0	0	0	6,832	6,832	6,832	872	6,327	20,496	22,809	346,686	6.6%	11.3%	10,000	13,420	6,613
2043	6,314	2,755	4,543	2,627	0	0	0	6,578	6,578	6,578	1,029	6,514	19,735	23,782	348,419	6.8%	11.8%	10,000	13,420	6,613
2044	6,494	2,903	4,703	2,771	0	0	0	6,324	6,324	6,324	1,187	6,701	18,971	24,759	350,161	7.1%	12.2%	10,000	13,420	6,613
2045	6,675	3,052	4,865	2,915	0	0	0	6,068	6,068	6,068	1,345	6,890	18,203	25,742	351,912	7.3%	12.6%	10,000	13,420	6,613
2046	6,857	3,202	5,027	3,060	0	0	0	5,810	5,810	5,810	1,504	7,079	17,431	26,730	353,672	7.6%	13.0%	10,000	13,420	6,613
2047	7,039	3,353	5,190	3,206	0	0	0	5,552	5,552	5,552	1,664	7,270	16,655	27,722	355,440	7.8%	13.4%	10,000	13,420	6,613
2048	7,223	3,504	5,354	3,353	0	0	0	5,292	5,292	5,292	1,825	7,461	15,875	28,720	357,217	8.0%	13.9%	10,000	13,420	6,613
2049	7,407	3,656	5,519	3,500	0	0	0	5,031	5,031	5,031	1,986	7,653	15,092	29,722	359,003	8.3%	14.3%	10,000	13,420	6,613
2050	7,593	3,809	5,684	3,648	0	37	0	4,780	4,780	4,780	2,149	7,846	14,341	30,767	360,798	8.5%	14.7%	10,000	13,420	6,613