

Ten Year Forecast, Sales, Generation and Maximum Demand Forecast for A
Scenario: Medium Growth

Units: MWh

Year	Large Ind	Commercial	Residential	ASG	ASPA	Street Light	Cash Power
1996	28,946	28,916	29,300	18,762	15,631		
1997	31,347	34,146	32,822	17,056	10,770		
1998	33,635	35,127	34,712	17,206	7,498		
1999	37,192	35,940	38,533	19,459	5,905		
2000	40,505	33,885	38,788	24,221	7,270	2,021	
2001	41,886	36,492	39,402	19,988	8,324	2,017	226
2002	39,896	43,478	40,956	21,432	7,823	1,936	688
2003	42,036	47,282	43,066	22,188	7,722	1,901	1,375
2004	40,087	47,139	43,034	23,600	8,139	1,961	2,172
2005	36,263	48,223	43,766	24,892	8,437	1,996	3,720
2006	36,098	47,643	41,620	25,557	9,220	1,983	5,439
2007	31,241	47,624	40,532	25,413	9,227	2,061	5,623
2008	40,573	44,604	38,232	25,337	9,634	2,044	5,744
2009	36,601	41,462	35,581	25,387	9,653	1,997	7,084
2010	20,575	40,561	36,291	25,278	8,932	1,941	8,291
2011	22,352	37,048	32,031	24,306	9,518	1,913	9,113
2012	22,525	37,116	28,944	23,667	9,925	1,891	10,359
2013	23,710	36,813	27,745	22,815	10,200	1,848	12,380
2014	23,668	37,540	25,886	21,631	9,903	1,826	14,314
2015	25,962	39,699	25,159	20,997	10,044	2,015	17,411
2016	34,389	36,064	25,455	19,852	10,108	2,368	20,106
2017	26,686	39,520	26,731	19,882	10,365	2,420	21,807
2018	24,532	40,975	24,112	19,397	10,409	2,421	20,507
2019	24,655	41,384	24,232	19,397	10,461	2,426	20,609

2020	24,778	41,798	24,353	19,397	10,513	2,431	20,712
2021	24,902	42,216	24,475	19,397	10,566	2,436	20,816
2022	25,026	42,638	24,597	19,397	10,618	2,441	20,920
2023	25,152	43,065	24,720	19,397	10,672	2,445	21,024
2024	25,277	43,495	24,844	19,397	10,725	2,450	21,130
2025	25,404	43,930	24,968	19,397	10,779	2,455	21,235
2026	25,531	44,370	25,093	19,397	10,832	2,460	21,341
2027	25,658	44,813	25,219	19,397	10,887	2,465	21,448
2028	25,787	45,262	25,345	19,397	10,941	2,470	21,555
Average Annual Growth Rate							
Historic (96-17)	-0.7%	1.5%	-0.8%	0.1%	-1.8%	1.0%	28.5%
2017-2018 Growth	-8.1%	3.7%	-9.8%	-2.4%	0.4%	0.1%	-6.0%
Future (18-2019)	0.5%	1.0%	0.5%	0.0%	0.5%	0.2%	0.5%
Future (18-2028)	0.4%	0.9%	0.4%	0.0%	0.4%	0.2%	0.4%
Rate of Increase	0.50%	1.00%	0.50%	0.00%	0.50%	0.20%	0.50%

SPA SYSTEM

Total Sales	Station Services	% Station Services	Distribution Losses	% Distribution Losses	Net Production	Diesel Generation	PV ASPA Generation
121,555	5,825	4.1%	14,691	10.8%	136,246	142,071	
126,141	6,329	4.4%	12,861	9.3%	139,002	145,331	
128,178	6,812	4.6%	14,390	10.1%	142,568	149,380	
137,029	7,518	4.7%	14,029	9.3%	151,058	158,576	
146,690	7,723	4.6%	14,669	9.1%	161,359	169,082	
148,109	8,574	5.0%	14,423	8.9%	162,532	171,106	
156,209	8,570	4.8%	13,856	8.1%	170,065	178,635	
165,569	7,784	4.1%	14,937	8.3%	180,506	188,291	
166,132	6,965	3.7%	15,008	8.3%	181,139	188,104	
167,296	7,246	3.8%	14,433	7.9%	181,730	188,975	
167,561	7,388	3.9%	13,708	7.6%	181,269	188,657	
161,722	7,255	3.9%	16,176	9.1%	177,898	185,153	
166,167	6,931	3.7%	15,274	8.4%	181,441	188,372	
157,765	6,871	3.9%	13,759	8.0%	171,525	178,396	
141,870	5,133	3.2%	12,111	7.9%	153,980	159,113	
136,281	6,633	4.3%	12,266	8.3%	148,547	153,856	
134,426	7,682	4.9%	14,451	9.7%	148,876	155,490	1,067
135,512	6,962	4.5%	13,967	9.3%	149,479	154,004	2,436
134,768	7,125	4.6%	13,963	9.4%	148,732	153,490	2,367
141,287	7,128	4.5%	12,683	8.2%	153,970	158,841	2,257
148,342	8,388	5.0%	13,006	8.1%	161,348	166,815	2,921
147,410	8,064	5.0%	11,049	7.0%	158,460	161,692	4,831
142,352	4,832	3.0%	15,897	10.0%	158,249	158,226	4,856
143,165	4,860	3.0%	15,988	10.0%	159,152	159,132	4,880

Total Generation	Load Factor %	Generation MD MW
142,071	78.0%	20.8
145,331	75.8%	21.9
149,380	74.5%	22.9
158,576	76.5%	23.7
169,082	79.8%	24.2
171,106	79.7%	24.5
178,635	79.0%	25.8
188,291	78.2%	27.5
188,104	77.2%	27.8
188,975	75.9%	28.4
188,657	78.0%	27.6
185,153	76.0%	27.8
188,372	79.0%	27.2
178,396	78.8%	25.9
159,113	73.4%	24.8
153,856	76.4%	23.0
156,558	77.7%	23.0
156,441	79.9%	22.0
155,857	78.6%	22.3
161,098	78.1%	23.2
169,736	79.3%	24.0
166,524	79.2%	24.0
163,081	79.2%	24.0
164,012	79.2%	23.6

164,950	79.2%	23.8
165,894	79.2%	23.9
166,846	79.2%	24.0
167,805	79.2%	24.2
168,771	79.2%	24.3
169,745	79.2%	24.5
170,726	79.2%	24.6
171,714	79.2%	24.7
172,710	79.2%	24.9
-0.1%	0.1%	0.7%
-1.9%	-0.2%	3.3%
0.6%	0.0%	-1.5%
0.5%	0.0%	0.5%
0.50%	0.50%	0.50%