

APPENDIX D - ELECTRIC ENERGY AND DEMAND FORECAST

- ***Current Load Forecast Tables:*** This section contains tables of the base case energy sales and coincident peak demand forecasts for each year within the planning period, 2016-2035:
 - Annual sales of energy and coincident peak demand on a system-wide basis
 - Annual sales of energy and coincident peak demand by customer class
 - Annual sales of energy and coincident peak demand disaggregated between Commission jurisdictional sales, FERC jurisdictional sales, and sales subject to the jurisdiction of other states
 - Annual coincident peak system losses and the allocation of such losses to the transmission and distribution components of the system
 - Weather normalization adjustments
 - Assumptions for economic and demographic factors relied on in load forecasting
 - Expected capacity and energy impacts of existing and proposed demand-side resources

CURRENT LOAD FORECAST TABLES

Table D-1: SPS's base case energy sales and coincident peak demand forecasts in the context of the last twelve years of history.

	Energy Sales (GWh)	Annual Increase (GWh)	Peak Demand (MWh)	Annual Increase (MW)	
2000	22,672	-	3,828	-	Actual Data
2001	23,639	967	4,073	245	
2002	23,337	(302)	4,016	(57)	
2003	24,879	1,542	4,362	346	
2004	25,196	317	4,353	(9)	
2005	25,676	480	4,324	(29)	
2006	26,249	574	4,411	87	
2007	26,400	151	4,601	190	
2008	27,931	1,531	4,939	338	
2009	27,367	(564)	4,987	48	
2010	27,935	568	4,951	(36)	
2011	28,843	908	5,155	204	
2012	26,614	(2,229)	5,145	(10)	
2013	27,417	803	5,026	(119)	Forecast
2014	26,019	(1,398)	4,844	(182)	
2015	26,427	408	4,900	56	
2016	27,626	1,199	5,112	213	
2017	28,461	835	5,117	5	
2018	29,449	988	5,314	197	
2019	28,863	(586)	4,775	(539)	
2020	29,053	190	4,904	129	
2021	29,610	557	5,039	135	
2022	29,391	(219)	4,831	(208)	
2023	29,608	217	4,950	120	
2024	30,104	496	5,022	72	
2025	30,550	446	5,140	118	
2026	30,683	134	5,156	16	
2027	31,001	317	5,275	119	
2028	31,790	789	5,402	127	
2029	32,472	683	5,529	127	
2030	33,177	704	5,653	124	
2031	33,928	751	5,784	131	
2032	34,710	782	5,915	131	
2033	35,365	655	6,039	125	
2034	36,139	775	6,171	132	
2035	36,954	814	6,309	138	

Table D-2: Forecasted Annual Sales of Energy and Coincident Peak Demand by Customer Class

	Energy Sales (GWh)					Coincident Peak Demand (MW)				
	Residential	Commercial & Industrial	Other	Resale	Total	Residential	Commercial & Industrial	Other	Resale	Total
2015	3,527	15,675	566	6,659	26,427	1,004	2,435	105	1,377	4,921
2016	3,567	16,858	571	6,631	27,626	1,054	2,555	110	1,415	5,135
2017	3,601	17,753	578	6,530	28,461	1,093	2,650	114	1,283	5,141
2018	3,624	18,898	582	6,345	29,449	1,146	2,779	120	1,294	5,339
2019	3,664	19,545	588	5,066	28,863	1,180	2,861	123	635	4,800
2020	3,709	20,285	596	4,462	29,053	1,213	2,942	127	648	4,930
2021	3,734	20,961	601	4,314	29,610	1,248	3,027	130	660	5,066
2022	3,764	21,673	606	3,347	29,391	1,284	3,113	134	326	4,858
2023	3,804	22,325	612	2,868	29,608	1,318	3,195	138	328	4,978
2024	3,850	22,998	617	2,638	30,104	1,352	3,277	141	280	5,051
2025	3,881	23,581	620	2,468	30,550	1,385	3,358	145	283	5,170
2026	3,917	24,170	623	1,973	30,683	1,417	3,436	148	185	5,186
2027	3,958	24,785	627	1,630	31,001	1,451	3,517	151	187	5,306
2028	4,007	25,496	633	1,654	31,790	1,486	3,603	155	189	5,434
2029	4,032	26,133	637	1,670	32,472	1,522	3,690	159	192	5,562
2030	4,065	26,781	642	1,690	33,177	1,556	3,773	163	194	5,686
2031	4,102	27,470	646	1,710	33,928	1,593	3,862	166	196	5,818
2032	4,143	28,180	652	1,735	34,710	1,630	3,951	170	199	5,949
2033	4,163	28,796	654	1,751	35,365	1,664	4,036	174	201	6,075
2034	4,192	29,516	659	1,772	36,139	1,701	4,125	178	203	6,208
2035	4,231	30,266	662	1,794	36,954	1,740	4,219	182	206	6,346

Table D-3: Forecasted Annual Sales of Energy and Coincident Peak Demand by Jurisdiction

	Energy Sales (GWh)				Coincident Peak Demand (MW)			
	Commission	FERC	Other States	Total	Commission	FERC	Other States	Total
2015	5,586	6,659	14,183	26,427	1,070	1,377	2,452	4,900
2016	6,397	6,631	14,598	27,626	1,123	1,415	2,573	5,112
2017	7,044	6,530	14,888	28,461	1,165	1,283	2,669	5,117
2018	8,033	6,345	15,071	29,449	1,222	1,294	2,798	5,314
2019	8,546	5,066	15,251	28,863	1,258	635	2,882	4,775
2020	9,109	4,462	15,482	29,053	1,293	648	2,963	4,904
2021	9,635	4,314	15,662	29,610	1,331	660	3,048	5,039
2022	10,183	3,347	15,860	29,391	1,369	326	3,136	4,831
2023	10,694	2,868	16,046	29,608	1,405	328	3,217	4,950
2024	11,217	2,638	16,249	30,104	1,441	280	3,301	5,022
2025	11,693	2,468	16,389	30,550	1,476	283	3,381	5,140
2026	12,168	1,973	16,542	30,683	1,511	185	3,461	5,156
2027	12,656	1,630	16,715	31,001	1,546	187	3,542	5,275
2028	13,200	1,654	16,936	31,790	1,584	189	3,629	5,402
2029	13,697	1,670	17,106	32,472	1,622	192	3,716	5,529
2030	14,194	1,690	17,293	33,177	1,659	194	3,800	5,653
2031	14,716	1,710	17,502	33,928	1,698	196	3,890	5,784
2032	15,251	1,735	17,724	34,710	1,737	199	3,979	5,915
2033	15,726	1,751	17,887	35,365	1,774	201	4,064	6,039
2034	16,263	1,772	18,104	36,139	1,814	203	4,154	6,171
2035	16,820	1,794	18,340	36,954	1,855	206	4,249	6,309

Table D-4: Forecasted Annual Sales of Energy and Coincident Peak Demand by Retail and Wholesale Customer Class

	Energy (GWH)			Peak (MW)		
	Retail Firm	Wholesale Firm	System Firm	Retail Firm	Wholesale Firm	System Firm
2000	15,907	6,765	22,672	2,548	1,281	3,828
2001	16,165	7,474	23,639	2,633	1,440	4,073
2002	15,893	7,444	23,337	2,646	1,370	4,016
2003	16,094	8,784	24,879	2,766	1,596	4,362
2004	16,348	8,848	25,196	2,782	1,571	4,353
2005	16,791	8,884	25,676	2,770	1,554	4,324
2006	17,291	8,959	26,249	2,949	1,462	4,411
2007	17,242	9,158	26,400	3,082	1,519	4,601
2008	18,194	9,737	27,931	3,325	1,614	4,940
2009	18,501	8,866	27,367	3,317	1,670	4,987
2010	18,575	9,359	27,935	3,361	1,590	4,951
2011	18,639	10,204	28,843	3,297	1,858	5,155
2012	18,532	8,082	26,614	3,378	1,767	5,145
2013	18,768	8,650	27,417	3,285	1,741	5,026
2014	19,108	6,912	26,019	3,313	1,531	4,844
2015	19,768	6,659	26,427	3,522	1,377	4,900
2016	20,995	6,631	27,626	3,697	1,415	5,112
2017	21,932	6,530	28,461	3,834	1,283	5,117
2018	23,104	6,345	29,449	4,020	1,294	5,314
2019	23,797	5,066	28,863	4,140	635	4,775
2020	24,591	4,462	29,053	4,256	648	4,904
2021	25,296	4,314	29,610	4,379	660	5,039
2022	26,044	3,347	29,391	4,504	326	4,831
2023	26,740	2,868	29,608	4,622	328	4,950
2024	27,466	2,638	30,104	4,742	280	5,022
2025	28,082	2,468	30,550	4,857	283	5,140
2026	28,710	1,973	30,683	4,971	185	5,156
2027	29,371	1,630	31,001	5,088	187	5,275
2028	30,136	1,654	31,790	5,213	189	5,402
2029	30,803	1,670	32,472	5,338	192	5,529
2030	31,487	1,690	33,177	5,459	194	5,653
2031	32,218	1,710	33,928	5,588	196	5,784
2032	32,975	1,735	34,710	5,716	199	5,915
2033	33,614	1,751	35,365	5,839	201	6,039
2034	34,367	1,772	36,139	5,968	203	6,171
2035	35,160	1,794	36,954	6,104	206	6,309

Table D-5: Forecasted Coincident Peak Demand System Losses (MWh)

	Retail					FERC	Total System
	Secondary Distribution	Primary Distribution	Sub-Transmission	Backbone Transmission	Total Retail		
2015	253	62	7	24	346	29	376
2016	265	65	7	26	364	31	394
2017	275	68	7	27	377	30	407
2018	289	71	8	28	395	30	425
2019	297	73	8	29	407	16	423
2020	306	75	8	30	419	16	435
2021	314	77	9	30	431	17	447
2022	323	79	9	31	443	0	443
2023	332	82	9	32	455	0	455
2024	341	84	9	33	466	0	466
2025	349	86	9	34	478	0	478
2026	357	88	10	34	489	0	489
2027	365	90	10	35	500	0	500
2028	374	92	10	36	513	0	513
2029	383	94	10	37	525	0	525
2030	392	96	11	38	537	0	537
2031	401	99	11	39	550	0	550
2032	411	101	11	40	562	0	562
2033	419	103	11	40	574	0	574
2034	429	105	12	41	587	0	587
2035	438	108	12	42	600	0	600

Table D-6: Economic and Demographic Assumptions Used in Load Forecasting

Variable	Real Gross State Product - New Mexico		Real Gross State Product - Texas		Consumer Price Index		Real Personal Income - New Mexico Service Territory		Real Personal Income - Texas Service Territory	
Units	Millions of 2009 \$	Pct Chg	Millions of 2009 \$	Pct Chg	1982-84=1.00	Pct Chg	Millions of 2009 \$	Pct Chg	Millions of 2009 \$	Pct Chg
2015	83,057		1,338,578		2.30		9,971		21,149	
2016	84,310	1.5%	1,387,598	3.7%	2.33	1.5%	10,067	1.0%	21,242	0.4%
2017	86,263	2.3%	1,447,272	4.3%	2.37	1.7%	10,390	3.2%	22,008	3.6%
2018	88,945	3.1%	1,510,854	4.4%	2.39	1.0%	10,811	4.1%	22,696	3.1%
2019	90,896	2.2%	1,563,412	3.5%	2.43	1.6%	11,167	3.3%	23,328	2.8%
2020	93,560	2.9%	1,613,488	3.2%	2.48	2.2%	11,491	2.9%	23,909	2.5%
2021	95,792	2.4%	1,655,238	2.6%	2.54	2.2%	11,824	2.9%	24,673	3.2%
2022	98,071	2.4%	1,700,992	2.8%	2.60	2.3%	12,167	2.9%	25,426	3.1%
2023	100,771	2.8%	1,755,079	3.2%	2.65	2.2%	12,524	2.9%	26,141	2.8%
2024	103,244	2.5%	1,806,051	2.9%	2.71	2.1%	12,826	2.4%	26,775	2.4%
2025	105,962	2.6%	1,860,916	3.0%	2.77	2.2%	13,149	2.5%	27,407	2.4%
2026	108,719	2.6%	1,917,310	3.0%	2.83	2.2%	13,455	2.3%	28,058	2.4%
2027	111,383	2.5%	1,973,008	2.9%	2.89	2.2%	13,777	2.4%	28,734	2.4%
2028	114,172	2.5%	2,029,341	2.9%	2.96	2.3%	14,116	2.5%	29,444	2.5%
2029	117,084	2.6%	2,090,261	3.0%	3.02	2.2%	14,448	2.3%	30,138	2.4%
2030	120,115	2.6%	2,154,790	3.1%	3.09	2.1%	14,764	2.2%	30,814	2.2%
2031	123,282	2.6%	2,222,351	3.1%	3.15	2.1%	15,143	2.6%	31,567	2.4%
2032	126,494	2.6%	2,292,266	3.1%	3.21	2.0%	15,545	2.7%	32,338	2.4%
2033	129,871	2.7%	2,363,571	3.1%	3.28	2.0%	15,927	2.5%	33,130	2.4%
2034	133,176	2.5%	2,436,308	3.1%	3.35	2.1%	16,271	2.2%	33,872	2.2%
2035	136,637	2.6%	2,510,676	3.1%	3.41	2.1%	16,608	2.1%	34,606	2.2%

Table D-7: Economic and Demographic Assumptions Used in Load Forecasting (continued)

Variable	Non-farm Employment - New Mexico		Non-farm Employment - Texas		Real Gross Domestic Product		Household - Texas Service Territory		Household - New Mexico Service Territory	
Units	Thousands	Pct Chg	Thousands	Pct Chg	Billions of 2009 \$	Pct Chg	Thousands	Pct Chg	Thousands	Pct Chg
2015	112		246		15,369		202		97	
2016	114	2.3%	250	1.7%	15,710	2.2%	202	0.1%	98	1.1%
2017	117	2.4%	258	3.1%	16,055	2.2%	203	0.6%	99	1.2%
2018	121	3.1%	263	2.2%	16,446	2.4%	204	0.4%	100	1.2%
2019	123	2.2%	266	1.2%	16,868	2.6%	205	0.7%	102	1.3%
2020	126	2.0%	269	1.1%	17,343	2.8%	207	1.0%	103	1.6%
2021	128	1.6%	272	0.8%	17,753	2.4%	210	1.1%	105	1.8%
2022	129	1.3%	273	0.7%	18,180	2.4%	212	1.1%	107	1.7%
2023	131	1.3%	275	0.7%	18,626	2.5%	214	1.1%	109	1.6%
2024	132	0.8%	276	0.3%	19,051	2.3%	216	1.0%	110	1.4%
2025	133	0.8%	277	0.2%	19,461	2.2%	218	0.9%	112	1.3%
2026	134	0.6%	277	0.2%	19,877	2.1%	220	0.8%	113	1.1%
2027	135	0.6%	278	0.2%	20,299	2.1%	222	0.7%	114	0.9%
2028	136	0.6%	278	0.1%	20,725	2.1%	223	0.5%	115	0.7%
2029	136	0.5%	278	0.0%	21,153	2.1%	224	0.6%	116	0.8%
2030	137	0.6%	279	0.2%	21,579	2.0%	226	0.7%	117	1.0%
2031	138	0.8%	280	0.4%	22,001	2.0%	227	0.8%	118	1.1%
2032	139	0.7%	281	0.5%	22,427	1.9%	229	0.8%	119	1.1%
2033	140	0.8%	283	0.5%	22,860	1.9%	231	0.8%	121	1.0%
2034	141	0.4%	284	0.3%	23,297	1.9%	233	0.7%	122	0.8%
2035	141	0.4%	284	0.3%	23,742	1.9%	234	0.7%	122	0.7%

Table D-8: Economic and Demographic Assumptions Used in Load Forecasting (continued)

Variable	Chained Price Index for Gross Domestic Product	Resident Population - New Mexico Service Territory	Resident Population - Texas Service Territory	Average Price of West Texas Intermediate Crude	Industrial production-- Oil and gas extraction	
Units	index 2009=100.0	Thousands	Thousands	\$ per barrel	index 2007=100.0	Pct Chg
2015	1.05	266	563	94.11	126.77	
2016	1.07	269	564	97.91	137.41	4.0%
2017	1.08	271	566	93.10	152.58	-4.9%
2018	1.10	274	568	75.50	157.40	-18.9%
2019	1.12	277	571	78.60	169.57	4.1%
2020	1.15	280	573	84.80	179.62	7.9%
2021	1.17	283	576	91.60	185.56	8.0%
2022	1.19	286	580	99.10	188.04	8.2%
2023	1.21	288	583	105.30	192.36	6.3%
2024	1.24	291	586	111.00	196.45	5.4%
2025	1.26	293	589	117.70	201.24	6.0%
2026	1.29	295	592	124.20	202.53	5.5%
2027	1.31	297	594	131.20	203.42	5.6%
2028	1.34	299	597	138.20	203.39	5.3%
2029	1.37	301	599	142.50	202.13	3.1%
2030	1.39	304	602	146.70	201.59	2.9%
2031	1.42	306	606	150.80	203.16	2.8%
2032	1.45	308	609	154.90	204.77	2.7%
2033	1.48	311	613	158.80	204.91	2.5%
2034	1.51	312	617	162.70	206.73	2.5%
2035	1.54	314	620	166.60	207.49	2.4%

Table D-9: Expected Capacity and Energy Impacts of Existing and Proposed Demand-Side Management Resources

	Existing Demand-Side Management Resources		Proposed Demand-Side Management Resources	
	Energy (GWH)	Capacity (MW)	Energy (GWH)	Capacity (MW)
2015	44	11	(3)	(0)
2016	88	22	(12)	(2)
2017	132	33	(19)	(1)
2018	176	44	(26)	(1)
2019	219	55	(33)	(1)
2020	264	66	(40)	0
2021	307	76	(46)	1
2022	351	87	(52)	2
2023	395	98	(58)	3
2024	440	109	(64)	4
2025	483	120	(69)	5
2026	527	131	(74)	7
2027	571	142	(79)	8
2028	616	153	(84)	10
2029	626	157	(86)	13
2030	638	162	(85)	17
2031	650	167	(83)	21
2032	663	171	(82)	25
2033	673	176	(79)	29
2034	685	180	(77)	33
2035	696	185	(75)	38

Table D-10: Actual and Forecasted Firm Peak Demand

	MW			Annual Growth			Compound Growth to/from 2014		
	Base	Low	High	Base	Low	High	Base	Low	High
2000	3,828						2.1%		
2001	4,073			6.4%			1.8%		
2002	4,016			-1.4%			2.1%		
2003	4,362			8.6%			1.5%		
2004	4,353			-0.2%			1.7%		
2005	4,324			-0.7%			2.0%		
2006	4,411			2.0%			2.0%		
2007	4,601			4.3%			1.6%		
2008	4,939			7.3%			0.7%		
2009	4,987			1.0%			0.7%		
2010	4,951			-0.7%			1.0%		
2011	5,155			4.1%			0.0%		
2012	5,145			-0.2%			-0.1%		
2013	5,026			-2.3%			-2.5%		
2014	4,844			-3.6%			0.0%		
2015	4,900	4,702	4,971	1.1%	-2.9%	2.6%	1.1%	-2.9%	2.6%
2016	5,112	4,837	5,259	4.3%	2.9%	5.8%	2.7%	-0.1%	4.2%
2017	5,117	4,772	5,319	0.1%	-1.3%	1.1%	1.8%	-0.5%	3.2%
2018	5,314	4,912	5,574	3.9%	2.9%	4.8%	2.3%	0.3%	3.6%
2019	4,775	4,398	5,015	-10.1%	-10.5%	-10.0%	-0.3%	-1.9%	0.7%
2020	4,904	4,498	5,192	2.7%	2.3%	3.5%	0.2%	-1.2%	1.2%
2021	5,039	4,562	5,364	2.7%	1.4%	3.3%	0.6%	-0.9%	1.5%
2022	4,831	4,366	5,150	-4.1%	-4.3%	-4.0%	0.0%	-1.3%	0.8%
2023	4,950	4,447	5,304	2.5%	1.9%	3.0%	0.2%	-0.9%	1.0%
2024	5,022	4,474	5,421	1.5%	0.6%	2.2%	0.4%	-0.8%	1.1%
2025	5,140	4,576	5,576	2.4%	2.3%	2.9%	0.5%	-0.5%	1.3%
2026	5,156	4,550	5,626	0.3%	-0.6%	0.9%	0.5%	-0.5%	1.3%
2027	5,275	4,616	5,794	2.3%	1.5%	3.0%	0.7%	-0.4%	1.4%
2028	5,402	4,707	5,948	2.4%	2.0%	2.7%	0.8%	-0.2%	1.5%
2029	5,529	4,795	6,109	2.3%	1.9%	2.7%	0.9%	-0.1%	1.6%
2030	5,653	4,872	6,283	2.2%	1.6%	2.9%	1.0%	0.0%	1.6%
2031	5,784	4,973	6,463	2.3%	2.1%	2.9%	1.0%	0.2%	1.7%
2032	5,915	5,051	6,610	2.3%	1.6%	2.3%	1.1%	0.2%	1.7%
2033	6,039	5,115	6,797	2.1%	1.3%	2.8%	1.2%	0.3%	1.8%
2034	6,171	5,229	6,957	2.2%	2.2%	2.3%	1.2%	0.4%	1.8%
2035	6,309	5,290	7,124	2.2%	1.2%	2.4%	1.3%	0.4%	1.9%

Table D-11: Actual and Forecasted Annual Energy Sales

	GWH			Annual Growth			Compound Growth to/from 2014		
	Base	Low	High	Base	Low	High	Base	Low	High
2000	22,672						1.7%		
2001	23,639			4.3%			1.5%		
2002	23,337			-1.3%			1.8%		
2003	24,879			6.6%			1.4%		
2004	25,196			1.3%			1.4%		
2005	25,676			1.9%			1.3%		
2006	26,249			2.2%			1.2%		
2007	26,400			0.6%			1.3%		
2008	27,931			5.8%			0.5%		
2009	27,367			-2.0%			1.1%		
2010	27,935			2.1%			0.8%		
2011	28,843			3.3%			0.0%		
2012	26,614			-7.7%			-3.9%		
2013	27,417			3.0%			-4.9%		
2014	26,019			-5.1%			0.0%		
2015	26,427	25,389	27,369	1.6%	-2.4%	5.2%	1.6%	-2.4%	5.2%
2016	27,626	26,114	29,027	4.5%	2.9%	6.1%	3.0%	0.2%	5.6%
2017	28,461	26,553	30,242	3.0%	1.7%	4.2%	3.0%	0.7%	5.1%
2018	29,449	27,167	31,592	3.5%	2.3%	4.5%	3.1%	1.1%	5.0%
2019	28,863	26,391	31,221	-2.0%	-2.9%	-1.2%	2.1%	0.3%	3.7%
2020	29,053	26,366	31,608	0.7%	-0.1%	1.2%	1.9%	0.2%	3.3%
2021	29,610	26,643	32,443	1.9%	1.1%	2.6%	1.9%	0.3%	3.2%
2022	29,391	26,322	32,328	-0.7%	-1.2%	-0.4%	1.5%	0.1%	2.8%
2023	29,608	26,387	32,689	0.7%	0.2%	1.1%	1.4%	0.2%	2.6%
2024	30,104	26,614	33,468	1.7%	0.9%	2.4%	1.5%	0.2%	2.5%
2025	30,550	26,805	34,176	1.5%	0.7%	2.1%	1.5%	0.3%	2.5%
2026	30,683	26,678	34,596	0.4%	-0.5%	1.2%	1.4%	0.2%	2.4%
2027	31,001	26,692	35,155	1.0%	0.1%	1.6%	1.4%	0.2%	2.3%
2028	31,790	27,193	36,246	2.5%	1.9%	3.1%	1.4%	0.3%	2.4%
2029	32,472	27,584	37,209	2.1%	1.4%	2.7%	1.5%	0.4%	2.4%
2030	33,177	27,989	38,231	2.2%	1.5%	2.7%	1.5%	0.5%	2.4%
2031	33,928	28,431	39,280	2.3%	1.6%	2.7%	1.6%	0.5%	2.5%
2032	34,710	28,885	40,381	2.3%	1.6%	2.8%	1.6%	0.6%	2.5%
2033	35,365	29,205	41,339	1.9%	1.1%	2.4%	1.6%	0.6%	2.5%
2034	36,139	29,646	42,455	2.2%	1.5%	2.7%	1.7%	0.7%	2.5%
2035	36,954	30,079	43,604	2.3%	1.5%	2.7%	1.7%	0.7%	2.5%

Table D-12: Energy Sales Forecast Comparison (GWh)

	Actual Energy Sales	2014 Forecast	2013 Forecast	2012 Forecast	2011 Forecast	2010 Forecast
2010	27,935					28,787
2011	28,843				29,458	29,366
2012	26,614			29,537	29,864	29,787
2013	27,417		26,646	30,402	30,348	30,217
2014	26,019	26,173	26,731	30,078	30,005	29,873

Table D-13: Forecast Sales less Actual Sales (GWh)

	Actual less Forecast (GWh)					Percent Difference				
	2014 Forecast	2013 Forecast	2012 Forecast	2011 Forecast	2010 Forecast	2014 Forecast	2013 Forecast	2012 Forecast	2011 Forecast	2010 Forecast
2010					(853)					-3.0%
2011				(615)	(523)				-2.1%	-1.8%
2012			(2,923)	(3,249)	(3,173)			-9.9%	-10.9%	-10.7%
2013		772	(2,985)	(2,930)	(2,799)		2.9%	-9.8%	-9.7%	-9.3%
2014	(154)	(711)	(4,059)	(3,986)	(3,854)	-0.6%	-2.7%	-13.5%	-13.3%	-12.9%

Table D-14: Firm Load Obligation Coincident Peak Demand Forecast Comparison (MW)

	Actual Peak Demand	Interrupted Load at Peak	Available Interrupt Load 2014 Forecast	Available Interrupt Load 2013 Forecast	Available Interrupt Load 2012 Forecast	Available Interrupt Load 2011 Forecast	Available Interrupt Load 2010 Forecast	2014 Forecast	2013 Forecast	2012 Forecast	2011 Forecast	2010 Forecast
2010	4,960	25					58					4,996
2011	5,210	0				43	66				5,099	5,061
2012	5,178	0			42	39	74			5,268	5,135	5,108
2013	5,056	0		31	42	46	76		5,162	5,214	5,244	5,202
2014	4,871	0	33	37	51	48	76	5,085	5,181	5,088	5,205	5,164

Table D-15: Firm Load Obligation Actual Peak Demand less Firm Load Obligation Forecast Peak Demand (MW)

	Actual less Forecast (MW)					Percent Difference				
	2014 Forecast	2013 Forecast	2012 Forecast	2011 Forecast	2010 Forecast	2014 Forecast	2013 Forecast	2012 Forecast	2011 Forecast	2010 Forecast
2010					(69)					-1.4%
2011				68	83				1.3%	1.6%
2012			(132)	3	(4)			-2.5%	0.1%	-0.1%
2013		(137)	(200)	(234)	(222)		-2.7%	-3.8%	-4.5%	-4.3%
2014	(248)	(347)	(268)	(381)	(370)	-4.9%	-6.7%	-5.3%	-7.3%	-7.2%

Table D-16: Weather Normalized Firm Load Obligation Coincident Peak Demand Forecast Comparison (MW)

	Actual Peak Demand	Interrupted Load at Peak	Available Interrupt Load 2014 Forecast	Available Interrupt Load 2013 Forecast	Available Interrupt Load 2012 Forecast	Available Interrupt Load 2011 Forecast	Available Interrupt Load 2010 Forecast	2014 Forecast	2013 Forecast	2012 Forecast	2011 Forecast	2010 Forecast
2010	4,980	25	0	0	0	0	58					4,996
2011	5,153	0	0	0	0	43	66				5,099	5,061
2012	5,058	0	0	0	42	39	74			5,268	5,135	5,108
2013	4,963	0	0	31	42	46	76		5,162	5,214	5,244	5,202
2014	4,863	0	33	37	51	48	76	5,085	5,181	5,088	5,205	5,164

Table D-17: Weather Normal Firm Load Obligation Peak Demand less Firm Load Obligation Forecast Peak

	Actual less Forecast (MW)					Percent Difference				
	2014 Forecast	2013 Forecast	2012 Forecast	2011 Forecast	2010 Forecast	2014 Forecast	2013 Forecast	2012 Forecast	2011 Forecast	2010 Forecast
2010					(49)					-1.0%
2011				10	26				0.2%	0.5%
2012			(252)	(117)	(124)			-4.8%	-2.3%	-2.4%
2013		(230)	(293)	(326)	(315)		-4.4%	-5.6%	-6.2%	-6.1%
2014	(256)	(355)	(276)	(389)	(378)	-5.0%	-6.9%	-5.4%	-7.5%	-7.3%