

21 West Church Street, Tower 10  
Jacksonville, Florida 32202-3139



September 5, 2018

Division of Records and Reporting  
Public Service Commission  
Capital Circle Office Center  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-0850

**RE: Review of the 2018 Ten-Year Site Plans for Florida's Electric Utilities  
Supplemental Data Request #3**

Via electronic filing, JEA has filed responses to Staff's Supplemental Data Request #3, DN 20180000-OT.

If you have any questions regarding this submittal, please contact me at (904) 665-6216 or [guytml@JEA.com](mailto:guytml@JEA.com).

Thank You,

A handwritten signature in cursive script that reads 'Mary L. Moran'.

Mary L. Moran, PE  
Manager, Electric Generation Planning  
JEA

RECEIVED-FPSC  
2018 SEP -6 PM 3:03  
COMMISSION  
CLERK

**Schedule 3 - 1999**  
**History And Forecast of Seasonal Peak Demand**  
**and Annual Net Energy For Load**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Calendar Year	Summer Peak Demand @ Generator - MW			Annual Net Energy for Load (GWH)		Winter Peak Demand @ Generator - MW		
	Total	Interruptible	Net Firm Demand	Total	Load Factor %	Total	Interruptible	Net Firm Demand
1989	1,714	0	1,789	8,538	48	2,012	0	2,012
1990	1,789	0	1,789	8,538	48	2,012	0	2,012
1991	1,756	0	1,756	8,835	57	1,725	0	1,725
1992	1,881	0	1,881	9,028	55	1,881	0	1,881
1993	1,998	0	1,998	9,609	55	1,791	0	1,791
1994	1,918	0	1,918	9,609	56	1,942	0	1,942
1995	2,067	0	2,067	10,326	54	2,190	0	2,190
1996	2,114	0	2,114	10,515	50	2,401	0	2,401
1997	2,131	0	2,131	10,665	57	2,084	0	2,084
1998	2,338	0	2,338	11,470	56	1,938	0	1,938
1999	2,455	146	2,309	11,747	55	2,403	100	2,303
2000	2,534	150	2,384	12,123	54	2,566	102	2,464
2001	2,615	154	2,461	12,505	54	2,653	105	2,548
2002	2,697	158	2,539	12,894	54	2,742	107	2,635
2003	2,667	162	2,505	12,786	54	2,720	110	2,610
2004	2,747	166	2,581	13,159	53	2,807	113	2,694
2005	2,829	170	2,659	13,551	53	2,896	116	2,780
2006	2,912	174	2,738	13,949	53	2,987	118	2,869
2007	2,997	178	2,819	14,355	53	3,080	121	2,959
2008	3,084	183	2,901	14,770	53	3,175	124	3,051

**Schedule 3 - 2000**  
**History And Forecast of Seasonal Peak Demand**  
**and Annual Net Energy For Load**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Calendar Year	Summer Peak Demand @ Generator - MW			Annual Net Energy for Load (GWH)		Winter Peak Demand @ Generator - MW		
	Total	Interruptible	Net Firm Demand	Total	Load Factor %	Total	Interruptible	Net Firm Demand
1990	1,789	0	1,789	8,538	48	2,012	0	2,012
1991	1,756	0	1,756	8,835	57	1,725	0	1,725
1992	1,881	0	1,881	9,028	55	1,881	0	1,881
1993	1,998	0	1,998	9,609	55	1,791	0	1,791
1994	1,918	0	1,918	9,609	56	1,942	0	1,942
1995	2,067	0	2,067	10,326	54	2,190	0	2,190
1996	2,114	0	2,114	10,515	50	2,401	0	2,401
1997	2,131	0	2,131	10,665	57	2,084	0	2,084
1998	2,338	0	2,338	11,470	56	1,938	0	1,938
1999	2,427	0	2,427	11,782	55	2,403	0	2,403
2000	2,534	150	2,384	12,123	54	2,566	102	2,464
2001	2,615	154	2,461	12,505	54	2,653	105	2,548
2002	2,697	158	2,539	12,894	54	2,742	107	2,635
2003	2,781	162	2,619	13,289	54	2,832	110	2,722
2004	2,866	166	2,700	13,692	53	2,924	113	2,811
2005	2,952	170	2,782	14,102	53	3,018	116	2,902
2006	3,040	174	2,866	14,519	53	3,114	118	2,996
2007	3,130	178	2,952	14,945	53	3,212	121	3,091
2008	3,222	183	3,039	15,378	53	3,312	124	3,188
2009	3,316	188	3,128	15,820	53	3,414	128	3,286

**Schedule 3 - 2001**  
**History And Forecast of Seasonal Peak Demand**  
**and Annual Net Energy For Load**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Calendar Year	Summer Peak Demand @ Generator - MW			Annual Net Energy for Load (GWH)		Winter Peak Demand @ Generator - MW		
	Total	Interruptible	Net Firm Demand	Total	Load Factor %	Total	Interruptible	Net Firm Demand
1991	1,756	0	1,756	8,835	57	1,725	0	1,725
1992	1,881	0	1,881	9,028	55	1,881	0	1,881
1993	1,998	0	1,998	9,609	55	1,791	0	1,791
1994	1,918	0	1,918	9,609	56	1,942	0	1,942
1995	2,067	0	2,067	10,326	54	2,190	0	2,190
1996	2,114	0	2,114	10,515	50	2,401	0	2,401
1997	2,131	0	2,131	10,665	57	2,084	0	2,084
1998	2,338	0	2,338	11,470	56	1,938	0	1,938
1999	2,427	0	2,427	11,782	55	2,403	0	2,403
2000	2,380	0	2,380	12,190	56	2,478	0	2,478
2001	2,534	153	2,381	12,600	54	2,666	0	2,666
2002	2,619	158	2,461	13,019	54	2,746	150	2,596
2003	2,707	163	2,544	13,445	54	2,838	154	2,684
2004	2,795	168	2,627	13,879	54	2,933	159	2,774
2005	2,885	173	2,712	14,320	54	3,029	163	2,866
2006	2,977	178	2,799	14,770	54	3,126	168	2,958
2007	3,070	183	2,887	15,228	54	3,226	173	3,053
2008	3,166	189	2,977	15,695	53	3,327	179	3,148
2009	3,263	194	3,069	16,170	53	3,431	184	3,247
2010	3,362	200	3,162	16,655	53	3,536	189	3,347

**Schedule 3 - 2002**  
**History And Forecast of Seasonal Peak Demand**  
**and Annual Net Energy For Load**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Calendar Year	Summer Peak Demand @ Generator - MW			Annual Net Energy for Load (GWH)		Winter Peak Demand @ Generator - MW		
	Total	Interruptible	Net Firm Demand	Total	Load Factor %	Total	Interruptible	Net Firm Demand
1991	1,756	0	1,756	8,835	57	1,725	0	1,725
1992	1,881	0	1,881	9,028	55	1,881	0	1,881
1993	1,998	0	1,998	9,609	55	1,791	0	1,791
1994	1,918	0	1,918	9,609	56	1,942	0	1,942
1995	2,067	0	2,067	10,326	54	2,190	0	2,190
1996	2,114	0	2,114	10,515	50	2,401	0	2,401
1997	2,131	0	2,131	10,665	57	2,084	0	2,084
1998	2,338	0	2,338	11,470	56	1,938	0	1,938
1999	2,427	0	2,427	11,782	55	2,403	0	2,403
2000	2,380	0	2,380	12,190	56	2,478	0	2,478
2001	2,389	0	2,389	12,322	53	2,666	0	2,666
2002	2,619	158	2,461	13,019	57	2,746	150	2,596
2003	2,706	163	2,543	13,445	57	2,838	154	2,684
2004	2,795	168	2,627	13,879	57	2,933	159	2,774
2005	2,885	173	2,712	14,320	57	3,029	163	2,866
2006	2,977	178	2,799	14,770	57	3,126	168	2,958
2007	3,071	183	2,888	15,228	57	3,226	173	3,053
2008	3,166	189	2,977	15,695	57	3,327	179	3,148
2009	3,263	194	3,069	16,170	57	3,431	184	3,247
2010	3,362	200	3,162	16,655	57	3,536	189	3,347
2011	3,463	206	3,257	17,150	57	3,643	195	3,448

**Schedule 3 - 2003**  
**History And Forecast of Seasonal Peak Demand**  
**and Annual Net Energy For Load**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Calendar Year	Summer Peak Demand @ Generator - MW			Annual Net Energy for Load (GWH)		Winter Peak Demand @ Generator - MW		
	Total	Interruptible	Net Firm Demand	Total	Load Factor %	Total	Interruptible	Net Firm Demand
1991	1,756	0	1,756	8,835	57	1,725	0	1,725
1992	1,881	0	1,881	9,028	55	1,881	0	1,881
1993	1,998	0	1,998	9,609	55	1,791	0	1,791
1994	1,918	0	1,918	9,609	56	1,942	0	1,942
1995	2,067	0	2,067	10,326	54	2,190	0	2,190
1996	2,114	0	2,114	10,515	50	2,401	0	2,401
1997	2,131	0	2,131	10,665	57	2,084	0	2,084
1998	2,338	0	2,338	11,470	56	1,938	0	1,938
1999	2,427	0	2,427	11,782	55	2,403	0	2,403
2000	2,380	0	2,380	12,190	56	2,478	0	2,478
2001	2,389	0	2,389	12,322	53	2,666	0	2,666
2002	2,530	0	2,530	12,982	51	2,610	0	2,610
2003	2,667	163	2,504	13,235	54	2,787	154	2,633
2004	2,739	168	2,571	13,674	54	2,881	159	2,722
2005	2,812	173	2,639	14,051	54	2,976	163	2,813
2006	2,886	178	2,708	14,461	53	3,073	168	2,905
2007	2,961	183	2,778	14,873	53	3,172	173	2,998
2008	3,037	189	2,848	15,324	53	3,272	179	3,093
2009	3,113	195	2,918	15,705	53	3,373	184	3,189
2010	3,190	200	2,990	16,123	53	3,476	189	3,287
2011	3,268	206	3,062	16,543	52	3,581	195	3,386
2012	3,347	213	3,135	17,007	52	3,688	201	3,487

**2004**

**Schedule 3.1  
History and Forecast of Summer Peak Demand  
(MW)**

(1) Calendar Year	(2) Total Demand	(3) Interruptible Load	(4) Load Management		(6) QF Load Served By QF Generation	(7) Incremental Conservation		(9) Net Firm Peak Demand	(10) Time Of Peak		(12) Cumulative Conservation Since 1980	
			Residential	Comm./Ind.		Residential	Comm./ind.		Date	Hour Ending	Residential	Comm./Ind.
1991	1,756	0	0	0	0	0	0	1,756	7/24/1991	1700	0	0
1992	1,881	0	0	0	0	0	0	1,881	7/9/1992	1700	0	0
1993	1,998	0	0	0	0	0	0	1,998	7/29/1993	1700	0	0
1994	1,918	0	0	0	0	0	0	1,918	7/18/1994	1700	0	0
1995	2,067	0	0	0	0	0	0	2,067	8/14/1995	1700	0	0
1996	2,114	0	0	0	0	0	0	2,114	6/25/1996	1800	0	0
1997	2,131	0	0	0	0	0	0	2,131	7/28/1997	1800	0	0
1998	2,338	0	0	0	0	0	0	2,338	7/1/1998	1800	0	0
1999	2,427	0	0	0	0	0	0	2,427	8/2/1999	1600	0	0
2000	2,380	0	0	0	0	0	0	2,380	7/20/2000	1400	0	0
2001	2,389	0	0	0	0	0	0	2,389	8/8/2001	1800	0	0
2002	2,530	0	0	0	0	0	0	2,530	7/19/2002	1600	0	0
2003	2,485	0	0	0	0	0	0	2,485	7/10/2003	1600	0	0
2004	2,739	168	0	0	0	0	0	2,571	---	---	0	0
2005	2,812	173	0	0	0	0	0	2,639	---	---	0	0
2006	2,886	178	0	0	0	0	0	2,708	---	---	0	0
2007	2,961	183	0	0	0	0	0	2,778	---	---	0	0
2008	2,947	189	0	0	0	0	0	2,758	---	---	0	0
2009	3,021	195	0	0	0	0	0	2,826	---	---	0	0
2010	3,094	200	0	0	0	0	0	2,894	---	---	0	0
2011	3,170	206	0	0	0	0	0	2,964	---	---	0	0
2012	3,246	213	0	0	0	0	0	3,033	---	---	0	0
2013	3,323	219	0	0	0	0	0	3,104	---	---	0	0

**Schedule 3.2  
History and Forecast of Winter Peak Demand  
(MW)**

(1) Calendar Year	(2) Total Demand	(3) Interruptible Load	(4) Load Management		(6) QF Load Served By QF Generation	(7) Incremental Conservation		(9) Net Firm Peak Demand	(10) Time Of Peak		(12) Cumulative Conservation Since 1980	
			Residential	Comm./Ind.		Residential	Comm./ind.		Date	Hour Ending	Residential	Comm./Ind.
1991	1,725	0	0	0	0	0	0	1,725	2/16/1991	1000	0	0
1992	1,881	0	0	0	0	0	0	1,881	1/17/1992	800	0	0
1993	1,791	0	0	0	0	0	0	1,791	3/15/1993	0800	0	0
1994	1,942	0	0	0	0	0	0	1,942	2/3/1994	0800	0	0
1995	2,190	0	0	0	0	0	0	2,190	2/9/1995	0800	0	0
1996	2,401	0	0	0	0	0	0	2,401	2/5/1996	0800	0	0
1997	2,084	0	0	0	0	0	0	2,084	12/20/1996	0900	0	0
1998	1,938	0	0	0	0	0	0	1,938	3/13/1998	0700	0	0
1999	2,403	0	0	0	0	0	0	2,403	1/6/1999	0800	0	0
2000	2,478	0	0	0	0	0	0	2,478	1/27/2000	0800	0	0
2001	2,666	0	0	0	0	0	0	2,666	1/3/2001	0800	0	0
2002	2,607	0	0	0	0	0	0	2,607	1/4/2002	0800	0	0
2003	3,055	0	0	0	0	0	0	3,055	1/24/2003	0800	0	0
2004	2,976	163	0	0	0	0	0	2,813	---	---	0	0
2005	3,073	168	0	0	0	0	0	2,905	---	---	0	0
2006	3,171	173	0	0	0	0	0	2,998	---	---	0	0
2007	3,179	179	0	0	0	0	0	3,000	---	---	0	0
2008	3,277	184	0	0	0	0	0	3,093	---	---	0	0
2009	3,377	189	0	0	0	0	0	3,188	---	---	0	0
2010	3,479	195	0	0	0	0	0	3,284	---	---	0	0
2011	3,583	201	0	0	0	0	0	3,382	---	---	0	0
2012	3,687	207	0	0	0	0	0	3,480	---	---	0	0
2013	3,794	213	0	0	0	0	0	3,581	---	---	0	0

**2005**

**Schedule 3.1  
History and Forecast of Summer Peak Demand  
(MW)**

(1)	(2)	(3)	(4)		(6)	(7)		(8)	(9)	(10)		(11)		(12)		(13)
Calendar Year	Total Demand	Interruptible Load	Load Management		QF Load Served By QF Generation	Incremental Conservation		Net Firm Peak Demand		Time Of Peak		Cumulative Conservation Since 1980		Residential	Comm./Ind.	
			Residential	Comm./Ind.		Date	Hour Ending			Residential	Comm./Ind.					
1991	1,756	0	0	0	0	0	0	0	1,756	7/24/1991	1700	0	0	0	0	
1992	1,881	0	0	0	0	0	0	0	1,881	7/9/1992	1700	0	0	0	0	
1993	1,998	0	0	0	0	0	0	0	1,998	7/29/1993	1700	0	0	0	0	
1994	1,918	0	0	0	0	0	0	0	1,918	7/18/1994	1700	0	0	0	0	
1995	2,067	0	0	0	0	0	0	0	2,067	8/14/1995	1700	0	0	0	0	
1996	2,114	0	0	0	0	0	0	0	2,114	6/25/1996	1800	0	0	0	0	
1997	2,131	0	0	0	0	0	0	0	2,131	7/28/1997	1800	0	0	0	0	
1998	2,338	0	0	0	0	0	0	0	2,338	7/1/1998	1800	0	0	0	0	
1999	2,427	0	0	0	0	0	0	0	2,427	8/2/1999	1600	0	0	0	0	
2000	2,380	0	0	0	0	0	0	0	2,380	7/20/2000	1400	0	0	0	0	
2001	2,389	0	0	0	0	0	0	0	2,389	8/8/2001	1800	0	0	0	0	
2002	2,530	0	0	0	0	0	0	0	2,530	7/19/2002	1600	0	0	0	0	
2003	2,485	0	0	0	0	0	0	0	2,485	7/10/2003	1600	0	0	0	0	
2004	2,539	0	0	0	0	0	0	0	2,539	8/2/2004	1600	0	0	0	0	
2005	2,760	172	0	0	0	0	0	0	2,588	---	---	0	0	0	0	
2006	2,826	175	0	0	0	0	0	0	2,651	---	---	0	0	0	0	
2007	2,893	177	0	0	0	0	0	0	2,716	---	---	0	0	0	0	
2008	2,878	180	0	0	0	0	0	0	2,698	---	---	0	0	0	0	
2009	2,944	183	0	0	0	0	0	0	2,761	---	---	0	0	0	0	
2010	3,009	185	0	0	0	0	0	0	2,824	---	---	0	0	0	0	
2011	3,076	188	0	0	0	0	0	0	2,888	---	---	0	0	0	0	
2012	3,141	191	0	0	0	0	0	0	2,950	---	---	0	0	0	0	
2013	3,208	194	0	0	0	0	0	0	3,014	---	---	0	0	0	0	
2014	3,275	197	0	0	0	0	0	0	3,078	---	---	0	0	0	0	

**Schedule 3.2  
History and Forecast of Winter Peak Demand  
(MW)**

(1)	(2)	(3)	(4)		(6)	(7)		(8)	(9)	(10)		(11)		(12)		(13)
Calendar Year	Total Demand	Interruptible Load	Load Management		QF Load Served By QF Generation	Incremental Conservation		Net Firm Peak Demand		Time Of Peak		Cumulative Conservation Since 1980		Residential	Comm./Ind.	
			Residential	Comm./Ind.		Date	Hour Ending			Residential	Comm./Ind.					
1991	1,725	0	0	0	0	0	0	0	1,725	2/16/1991	1000	0	0	0	0	
1992	1,881	0	0	0	0	0	0	0	1,881	1/17/1992	800	0	0	0	0	
1993	1,791	0	0	0	0	0	0	0	1,791	3/15/1993	0800	0	0	0	0	
1994	1,942	0	0	0	0	0	0	0	1,942	2/3/1994	0800	0	0	0	0	
1995	2,190	0	0	0	0	0	0	0	2,190	2/9/1995	0800	0	0	0	0	
1996	2,401	0	0	0	0	0	0	0	2,401	2/5/1996	0800	0	0	0	0	
1997	1,975	0	0	0	0	0	0	0	1,975	12/15/1997	0900	0	0	0	0	
1998	1,938	0	0	0	0	0	0	0	1,938	3/13/1998	0700	0	0	0	0	
1999	2,403	0	0	0	0	0	0	0	2,403	1/6/1999	0800	0	0	0	0	
2000	2,478	0	0	0	0	0	0	0	2,478	1/27/2000	0800	0	0	0	0	
2001	2,666	0	0	0	0	0	0	0	2,666	1/3/2001	0800	0	0	0	0	
2002	2,607	0	0	0	0	0	0	0	2,607	1/4/2002	0800	0	0	0	0	
2003	3,055	0	0	0	0	0	0	0	3,055	1/24/2003	0800	0	0	0	0	
2004	2,668	0	0	0	0	0	0	0	2,668	1/29/2004	0700	0	0	0	0	
2005	2,910	170	0	0	0	0	0	0	2,740	---	---	0	0	0	0	
2006	3,004	173	0	0	0	0	0	0	2,831	---	---	0	0	0	0	
2007	3,099	175	0	0	0	0	0	0	2,924	---	---	0	0	0	0	
2008	3,099	178	0	0	0	0	0	0	2,921	---	---	0	0	0	0	
2009	3,195	180	0	0	0	0	0	0	3,015	---	---	0	0	0	0	
2010	3,294	183	0	0	0	0	0	0	3,111	---	---	0	0	0	0	
2011	3,393	186	0	0	0	0	0	0	3,207	---	---	0	0	0	0	
2012	3,496	189	0	0	0	0	0	0	3,307	---	---	0	0	0	0	
2013	3,599	192	0	0	0	0	0	0	3,407	---	---	0	0	0	0	
2014	3,704	194	0	0	0	0	0	0	3,510	---	---	0	0	0	0	



**2006**

**Schedule 3.1  
History and Forecast of Summer Peak Demand  
(MW)**

(1)	(2)	(3)	(4)		(5)	(6)	(7)		(8)	(9)	(10)			(11)	(12)		(13)
Calendar Year	Total Demand	Interruptible Load	Load Management		QF Load Served By QF Generation	Incremental Conservation		Net Firm Peak Demand	Time Of Peak	@ Peak Temp	Cumulative Conservation Since 1980		Residential	Comm./Ind.			
			Residential	Comm./Ind.		Residential	Comm./Ind.				Month	Day			H.E.	Residential	Comm./Ind.
1991	1,756	0	0	0	0	0	0	0	1,756	7	24	1700		0	0		
1992	1,881	0	0	0	0	0	0	0	1,881	7	9	1700		0	0		
1993	1,998	0	0	0	0	0	0	0	1,998	7	29	1700		0	0		
1994	1,918	0	0	0	0	0	0	0	1,918	7	18	1700		0	0		
1995	2,067	0	0	0	0	0	0	0	2,067	8	14	1700		0	0		
1996	2,114	0	0	0	0	0	0	0	2,114	6	25	1800		0	0		
1997	2,131	0	0	0	0	0	0	0	2,131	7	28	1800		0	0		
1998	2,338	0	0	0	0	0	0	0	2,338	7	1	1800		0	0		
1999	2,427	0	0	0	0	0	0	0	2,427	8	2	1600		0	0		
2000	2,380	0	0	0	0	0	0	0	2,380	7	20	1400		0	0		
2001	2,389	0	0	0	0	0	0	0	2,389	8	8	1800		0	0		
2002	2,562	0	0	0	0	0	0	0	2,562	7	19	1600		0	0		
2003	2,535	0	0	0	0	0	0	0	2,535	7	10	1600		0	0		
2004	2,539	0	0	0	0	0	0	0	2,539	8	2	1700		0	0		
2005	2,760	0	0	0	0	0	0	0	2,815	8	17	1800		0	0		
2006	2,826	175	0	0	0	0	0	0	2,651	---	---	---		0	0		
2007	2,893	177	0	0	0	0	0	0	2,716	---	---	---		0	0		
2008	2,878	180	0	0	0	0	0	0	2,698	---	---	---		0	0		
2009	2,944	183	0	0	0	0	0	0	2,761	---	---	---		0	0		
2010	3,009	185	0	0	0	0	0	0	2,824	---	---	---		0	0		
2011	3,076	188	0	0	0	0	0	0	2,888	---	---	---		0	0		
2012	3,141	191	0	0	0	0	0	0	2,950	---	---	---		0	0		
2013	3,208	194	0	0	0	0	0	0	3,014	---	---	---		0	0		
2014	3,275	197	0	0	0	0	0	0	3,078	---	---	---		0	0		
2015	3,358	200	0	0	0	0	0	0	3,158	---	---	---		0	0		

**Schedule 3.2  
History and Forecast of Winter Peak Demand  
(MW)**

(1)	(2)	(3)	(4)		(5)	(6)	(7)		(8)	(9)	(10)			(11)	(12)		(13)
Calendar Year	Total Demand	Interruptible Load	Load Management		QF Load Served By QF Generation	Incremental Conservation		Net Firm Peak Demand	Time Of Peak	@ Peak Temp	Cumulative Conservation Since 1980		Residential	Comm./Ind.			
			Residential	Comm./Ind.		Residential	Comm./Ind.				Month	Day			H.E.	Residential	Comm./Ind.
1991	1,725	0	0	0	0	0	0	0	1,725	2	16	1000		0	0		
1992	1,881	0	0	0	0	0	0	0	1,881	1	17	0800		0	0		
1993	1,791	0	0	0	0	0	0	0	1,791	3	15	0800		0	0		
1994	1,942	0	0	0	0	0	0	0	1,942	2	3	0800		0	0		
1995	2,190	0	0	0	0	0	0	0	2,190	2	9	0800		0	0		
1996	2,401	0	0	0	0	0	0	0	2,401	2	9	0800		0	0		
1997	1,975	0	0	0	0	0	0	0	1,975	12	15	0900		0	0		
1998	1,938	0	0	0	0	0	0	0	1,938	3	13	0700		0	0		
1999	2,403	0	0	0	0	0	0	0	2,403	1	6	0800		0	0		
2000	2,478	0	0	0	0	0	0	0	2,478	1	27	0800		0	0		
2001	2,666	0	0	0	0	0	0	0	2,666	1	3	0800		0	0		
2002	2,590	0	0	0	0	0	0	0	2,590	1	4	0800		0	0		
2003	3,083	0	0	0	0	0	0	0	3,083	1	24	0800		0	0		
2004	2,668	0	0	0	0	0	0	0	2,668	1	29	0700		0	0		
2005	2,860	0	0	0	0	0	0	0	2,736	1	24	0800		0	0		
2006	2,919	0	0	0	0	0	0	0	2,919	2	14	0800		0	0		
2007	3,099	175	0	0	0	0	0	0	2,924	---	---	---		0	0		
2008	3,099	178	0	0	0	0	0	0	2,921	---	---	---		0	0		
2009	3,195	180	0	0	0	0	0	0	3,015	---	---	---		0	0		
2010	3,294	183	0	0	0	0	0	0	3,111	---	---	---		0	0		
2011	3,393	186	0	0	0	0	0	0	3,207	---	---	---		0	0		
2012	3,496	189	0	0	0	0	0	0	3,307	---	---	---		0	0		
2013	3,599	192	0	0	0	0	0	0	3,407	---	---	---		0	0		
2014	3,704	194	0	0	0	0	0	0	3,510	---	---	---		0	0		
2015	3,811	197	0	0	0	0	0	0	3,614	---	---	---		0	0		

2007

**Schedule 3.1  
History and Forecast of Summer Peak Demand  
(MW)**

(1)	(2)	(3)	(4)		(6)	(7)		(9)	(10)			(11)	(12)		(13)
Calendar Year	Total Demand	Interruptible Load	Load Management		QF Load Served By QF Generation	Incremental Conservation		Net Firm Peak Demand	Time Of Peak			@ Peak Temp	Cumulative Conservation Since 1980		
			Residential	Comm./Ind.		Residential	Comm./Ind.		Month	Day	H.E.		Residential	Comm./Ind.	
1997	2,131	0	0	0	0	0	0	2,131	7	28	1800		0	0	0
1998	2,338	0	0	0	0	0	0	2,338	7	1	1800		0	0	0
1999	2,427	0	0	0	0	0	0	2,427	8	2	1600		0	0	0
2000	2,380	0	0	0	0	0	0	2,380	7	20	1400		0	0	0
2001	2,389	0	0	0	0	0	0	2,389	8	8	1800		0	0	0
2002	2,562	0	0	0	0	0	0	2,562	7	19	1600		0	0	0
2003	2,535	0	0	0	0	0	0	2,535	7	10	1600		0	0	0
2004	2,539	0	0	0	0	0	0	2,539	8	2	1700		0	0	0
2005	2,815	0	0	0	0	0	0	2,815	8	17	1800		0	0	0
2006	2,835	0	0	0	0	0	0	2,835	8	4	1700		0	0	0
2007	2,586	145	0	0	0	0	0	2,731	---	---	---		0	0	0
2008	2,651	145	0	0	0	0	0	2,796	---	---	---		0	0	0
2009	2,717	145	0	0	0	0	0	2,862	---	---	---		0	0	0
2010	2,782	145	0	0	0	0	0	2,927	---	---	---		0	0	0
2011	2,848	145	0	0	0	0	0	2,993	---	---	---		0	0	0
2012	2,914	145	0	0	0	0	0	3,059	---	---	---		0	0	0
2013	2,979	145	0	0	0	0	0	3,124	---	---	---		0	0	0
2014	3,045	145	0	0	0	0	0	3,190	---	---	---		0	0	0
2015	3,110	145	0	0	0	0	0	3,255	---	---	---		0	0	0
2016	3,176	145	0	0	0	0	0	3,321	---	---	---		0	0	0

**Schedule 3.2  
History and Forecast of Winter Peak Demand  
(MW)**

(1)	(2)	(3)	(4)		(6)	(7)		(9)	(10)			(11)	(12)		(13)
Calendar Year	Total Demand	Interruptible Load	Load Management		QF Load Served By QF Generation	Incremental Conservation		Net Firm Peak Demand	Time Of Peak			@ Peak Temp	Cumulative Conservation Since 1980		
			Residential	Comm./Ind.		Residential	Comm./Ind.		Month	Day	H.E.		Residential	Comm./Ind.	
1997	1,975	0	0	0	0	0	0	1,975	12	15	0900		0	0	0
1998	1,938	0	0	0	0	0	0	1,938	3	13	0700		0	0	0
1999	2,403	0	0	0	0	0	0	2,403	1	6	0800		0	0	0
2000	2,478	0	0	0	0	0	0	2,478	1	27	0800		0	0	0
2001	2,666	0	0	0	0	0	0	2,666	1	3	0800		0	0	0
2002	2,590	0	0	0	0	0	0	2,590	1	4	0800		0	0	0
2003	3,083	0	0	0	0	0	0	3,083	1	24	0800		0	0	0
2004	2,668	0	0	0	0	0	0	2,668	1	29	0700		0	0	0
2005	2,960	0	0	0	0	0	0	2,736	1	24	0800		0	0	0
2006	2,919	0	0	0	0	0	0	2,919	2	14	0800		0	0	0
2007	2,722	0	0	0	0	0	0	2,597	1	30	0800		0	0	0
2008	2,914	0	0	0	0	0	0	2,914	1	3	0800		0	0	0
2009	3,232	133	0	0	0	0	0	3,099	---	---	---		0	0	0
2010	3,309	133	0	0	0	0	0	3,176	---	---	---		0	0	0
2011	3,386	133	0	0	0	0	0	3,253	---	---	---		0	0	0
2012	3,462	133	0	0	0	0	0	3,329	---	---	---		0	0	0
2013	3,539	133	0	0	0	0	0	3,406	---	---	---		0	0	0
2014	3,616	133	0	0	0	0	0	3,483	---	---	---		0	0	0
2015	3,693	133	0	0	0	0	0	3,560	---	---	---		0	0	0
2016	3,770	133	0	0	0	0	0	3,637	---	---	---		0	0	0
2017	3,846	133	0	0	0	0	0	3,713	---	---	---		0	0	0
2018	3,923	133	0	0	0	0	0	3,790	---	---	---		0	0	0

**Schedule 3.2  
History and Forecast of Winter Peak Demand  
(MW)**

(1)	(2)	(3)	(4)		(6)	(7)		(9)	(10)			(11)	(12)		(13)
Calendar Year	Total Demand	Interruptible Load	Load Management		QF Load Served By QF Generation	Incremental Conservation		Net Firm Peak Demand	Time Of Peak			@ Peak Temp	Cumulative Conservation Since 1980		
			Residential	Comm./Ind.		Residential	Comm./Ind.		Month	Day	H.E.		Residential	Comm./Ind.	
1997	2,084	0	0	0	0	0	0	2,084	12	20	0900		0	0	0
1998	1,975	0	0	0	0	0	0	1,975	12	15	1900		0	0	0
1999	2,403	0	0	0	0	0	0	2,403	1	6	0800		0	0	0
2000	2,478	0	0	0	0	0	0	2,478	1	27	0800		0	0	0
2001	2,666	0	0	0	0	0	0	2,666	1	3	0800		0	0	0
2002	2,607	0	0	0	0	0	0	2,607	1	4	0800		0	0	0
2003	3,055	0	0	0	0	0	0	3,055	1	24	0900		0	0	0
2004	2,668	0	0	0	0	0	0	2,668	1	29	0700		0	0	0
2005	2,860	0	0	0	0	0	0	2,860	1	24	0800		0	0	0
2006	2,919	0	0	0	0	0	0	2,919	2	14	0800		0	0	0
2007	2,722	0	0	0	0	0	0	2,722	1	30	0800		0	0	0
2008	2,829	125	0	0	0	0	0	2,954	---	---	---		0	0	0
2009	2,905	125	0	0	0	0	0	3,030	---	---	---		0	0	0
2010	2,982	125	0	0	0	0	0	3,107	---	---	---		0	0	0
2011	3,059	125	0	0	0	0	0	3,184	---	---	---		0	0	0
2012	3,136	125	0	0	0	0	0	3,261	---	---	---		0	0	0
2013	3,212	125	0	0	0	0	0	3,337	---	---	---		0	0	0
2014	3,289	125	0	0	0	0	0	3,414	---	---	---		0	0	0
2015	3,365	125	0	0	0	0	0	3,491	---	---	---		0	0	0
2016	3,443	125	0	0	0	0	0	3,568	---	---	---		0	0	0

2008

**Schedule 3.1  
History and Forecast of Summer Peak Demand  
(MW)**

(1)	(2)	(3)	(4)		(5)	(6)	(7)		(8)	(9)	(10)			(11)	(12)		(13)
Calendar Year	Total Demand	Interruptible Load	Load Management		QF Load Served By QF Generation	Incremental Conservation		Net Firm Peak Demand		Time Of Peak			@ Peak Temp	Cumulative Conservation Since 1980			
			Residential	Comm./Ind.		Residential	Comm./ind.			Month	Day	H.E.		Residential	Comm./Ind.		
1998	2,338	0	0	0	0	0	0	0	2,338	7	1	1800		0	0		
1999	2,427	0	0	0	0	0	0	0	2,427	8	2	1600		0	0		
2000	2,380	0	0	0	0	0	0	0	2,380	7	20	1400		0	0		
2001	2,389	0	0	0	0	0	0	0	2,389	8	8	1800		0	0		
2002	2,562	0	0	0	0	0	0	0	2,562	7	19	1600		0	0		
2003	2,535	0	0	0	0	0	0	0	2,535	7	10	1600		0	0		
2004	2,539	0	0	0	0	0	0	0	2,539	8	2	1700		0	0		
2005	2,815	0	0	0	0	0	0	0	2,815	8	17	1800		0	0		
2006	2,835	145	0	0	0	0	0	0	2,690	8	4	1700		0	0		
2007	2,897	117	0	0	0	0	0	0	2,780	8	7	1700		0	0		
2008	2,941	117	0	0	0	0	0	0	2,824	---	---	---		0	0		
2009	3,007	117	0	0	0	0	0	0	2,890	---	---	---		0	0		
2010	3,072	117	0	0	0	0	0	0	2,955	---	---	---		0	0		
2011	3,138	117	0	0	0	0	0	0	3,021	---	---	---		0	0		
2012	3,204	117	0	0	0	0	0	0	3,087	---	---	---		0	0		
2013	3,269	117	0	0	0	0	0	0	3,152	---	---	---		0	0		
2014	3,335	117	0	0	0	0	0	0	3,218	---	---	---		0	0		
2015	3,400	117	0	0	0	0	0	0	3,283	---	---	---		0	0		
2016	3,466	117	0	0	0	0	0	0	3,349	---	---	---		0	0		
2017	3,597	117	0	0	0	0	0	0	3,480	---	---	---		0	0		

**Schedule 3.2  
History and Forecast of Winter Peak Demand  
(MW)**

(1)	(2)	(3)	(4)		(5)	(6)	(7)		(8)	(9)	(10)			(11)	(12)		(13)
Calendar Year	Total Demand	Interruptible Load	Load Management		QF Load Served By QF Generation	Incremental Conservation		Net Firm Peak Demand		Time Of Peak			@ Peak Temp	Cumulative Conservation Since 1980			
			Residential	Comm./Ind.		Residential	Comm./ind.			Month	Day	H.E.		Residential	Comm./Ind.		
1998	1,938	0	0	0	0	0	0	0	1,938	3	13	0700		0	0		
1999	2,403	0	0	0	0	0	0	0	2,403	1	6	0800		0	0		
2000	2,478	0	0	0	0	0	0	0	2,478	1	27	0800		0	0		
2001	2,666	0	0	0	0	0	0	0	2,666	1	3	0800		0	0		
2002	2,590	0	0	0	0	0	0	0	2,590	1	4	0800		0	0		
2003	3,083	0	0	0	0	0	0	0	3,083	1	24	0800		0	0		
2004	2,668	0	0	0	0	0	0	0	2,668	1	29	0700		0	0		
2005	2,860	0	0	0	0	0	0	0	2,736	1	24	0800		0	0		
2006	2,919	0	0	0	0	0	0	0	2,919	2	14	0800		0	0		
2007	2,722	0	0	0	0	0	0	0	2,722	1	30	0800		0	0		
2008	2,914	0	0	0	0	0	0	0	2,914	1	3	0800		0	0		
2009	3,232	133	0	0	0	0	0	0	3,099	---	---	---		0	0		
2010	3,309	133	0	0	0	0	0	0	3,176	---	---	---		0	0		
2011	3,386	133	0	0	0	0	0	0	3,253	---	---	---		0	0		
2012	3,462	133	0	0	0	0	0	0	3,329	---	---	---		0	0		
2013	3,539	133	0	0	0	0	0	0	3,406	---	---	---		0	0		
2014	3,616	133	0	0	0	0	0	0	3,483	---	---	---		0	0		
2015	3,693	133	0	0	0	0	0	0	3,560	---	---	---		0	0		
2016	3,770	133	0	0	0	0	0	0	3,637	---	---	---		0	0		
2017	3,846	133	0	0	0	0	0	0	3,713	---	---	---		0	0		

2009

**Schedule 3.1  
History and Forecast of Summer Peak Demand  
(MW)**

(1)	(2)	(3)	(4)		(5)	(6)	(7)		(8)	(9)	(10)				(11)		(12)		(13)
Calendar Year	Total Demand	Interruptible Load	Load Management		QF Load Served By QF Generation	Incremental Conservation Residential	Incremental Conservation Comm./ind.	Net Firm Peak Demand	Time Of Peak				Cumulative Conservation Since 1980		Residential	Comm./Ind.			
			Residential	Comm./Ind.					Month	Day	H.E.	Temp	Residential	Comm./Ind.					
1999	2,427	0	0	0	0	0	0	0	2,427	8	2	1600		0	0				
2000	2,380	0	0	0	0	0	0	0	2,380	7	20	1400		0	0				
2001	2,389	0	0	0	0	0	0	0	2,389	8	8	1800		0	0				
2002	2,562	0	0	0	0	0	0	0	2,562	7	19	1600		0	0				
2003	2,535	0	0	0	0	0	0	0	2,535	7	10	1600		0	0				
2004	2,539	0	0	0	0	0	0	0	2,539	8	2	1700		0	0				
2005	2,815	0	0	0	0	0	0	0	2,815	8	17	1800	94	0	0				
2006	2,835	0	0	0	0	0	0	0	2,835	8	4	1700	96	0	0				
2007	2,897	0	0	0	0	0	0	0	2,897	8	7	1700	97	0	0				
2008	2,866	0	0	0	0	0	0	0	2,866	8	7	1600	97	0	0				
2009	2,917	167	0	0	0	0	0	0	2,750	---	---	---		0	0				
2010	2,954	167	0	0	0	0	0	0	2,787	---	---	---		0	0				
2011	2,973	167	0	0	0	0	0	0	2,806	---	---	---		0	0				
2012	3,047	167	0	0	0	0	0	0	2,880	---	---	---		0	0				
2013	3,109	167	0	0	0	0	0	0	2,942	---	---	---		0	0				
2014	3,179	167	0	0	0	0	0	0	3,012	---	---	---		0	0				
2015	3,244	167	0	0	0	0	0	0	3,077	---	---	---		0	0				
2016	3,340	167	0	0	0	0	0	0	3,173	---	---	---		0	0				
2017	3,417	167	0	0	0	0	0	0	3,250	---	---	---		0	0				
2018	3,498	167	0	0	0	0	0	0	3,331	---	---	---		0	0				

**Schedule 3.2  
History and Forecast of Winter Peak Demand  
(MW)**

(1)	(2)	(3)	(4)		(5)	(6)	(7)		(8)	(9)	(10)				(11)		(12)		(13)
Calendar Year	Total Demand	Interruptible Load	Load Management		QF Load Served By QF Generation	Incremental Conservation Residential	Incremental Conservation Comm./ind.	Net Firm Peak Demand	Time Of Peak				Cumulative Conservation Since 1980		Residential	Comm./Ind.			
			Residential	Comm./Ind.					Month	Day	H.E.	Temp	Residential	Comm./Ind.					
1999	2,403	0	0	0	0	0	0	0	2,403	1	6	0800		0	0				
2000	2,478	0	0	0	0	0	0	0	2,478	1	27	0800		0	0				
2001	2,666	0	0	0	0	0	0	0	2,666	1	3	0800		0	0				
2002	2,590	0	0	0	0	0	0	0	2,590	1	4	0800		0	0				
2003	3,083	0	0	0	0	0	0	0	3,083	1	24	0800		0	0				
2004	2,668	0	0	0	0	0	0	0	2,668	1	29	0700	23	0	0				
2005	2,860	0	0	0	0	0	0	0	2,860	1	24	0800	23	0	0				
2006	2,919	0	0	0	0	0	0	0	2,919	2	14	0800	29	0	0				
2007	2,722	0	0	0	0	0	0	0	2,722	1	30	0800	28	0	0				
2008	2,914	0	0	0	0	0	0	0	2,914	1	3	0800	25	0	0				
2009	3,064	0	0	0	0	0	0	0	3,064	2	6	0800	23	0	0				
2010	3,022	121	0	0	0	0	0	0	2,901	---	---	---		0	0				
2011	3,058	121	0	0	0	0	0	0	2,937	---	---	---		0	0				
2012	3,138	121	0	0	0	0	0	0	3,017	---	---	---		0	0				
2013	3,122	121	0	0	0	0	0	0	3,001	---	---	---		0	0				
2014	3,174	121	0	0	0	0	0	0	3,053	---	---	---		0	0				
2015	3,218	121	0	0	0	0	0	0	3,097	---	---	---		0	0				
2016	3,287	121	0	0	0	0	0	0	3,166	---	---	---		0	0				
2017	3,367	121	0	0	0	0	0	0	3,246	---	---	---		0	0				
2018	3,480	121	0	0	0	0	0	0	3,359	---	---	---		0	0				

**2010**

**Schedule 3.1  
History and Forecast of Summer Peak Demand  
(MW)**

(1)	(2)	(3)	(4)		(6)	(7)		(8)	(9)	(10)				(11)		(12)		(13)
Calendar Year	Net Firm Peak Demand	Interruptible Load	Load Management		QF Load Served By QF Generation	Cumulative Conservation		Total Demand	Time Of Peak				Incremental Conservation		Residential	Comm./Ind.		
			Residential	Comm./Ind.		Residential	Comm./Ind.		Month	Day	H.E.	Temp	Residential	Comm./Ind.				
2000	2,380	0	0	0	0	0	0	2,380	7	20	1400			0	0			
2001	2,389	0	0	0	0	0	0	2,389	8	8	1800			0	0			
2002	2,562	0	0	0	0	0	0	2,562	7	19	1600			0	0			
2003	2,535	0	0	0	0	0	0	2,535	7	10	1600			0	0			
2004	2,539	0	0	0	0	0	0	2,539	8	2	1700			0	0			
2005	2,815	0	0	0	0	0	0	2,815	8	17	1800	94		0	0			
2006	2,835	0	0	0	0	0	0	2,835	8	4	1700	96		0	0			
2007	2,897	0	0	0	0	0	0	2,897	8	7	1700	97		0	0			
2008	2,866	0	0	0	0	0	0	2,866	8	7	1600	97		0	0			
2009	2,735	0	0	0	0	0	0	2,735	8	12	1600	95		0	0			
2010	2,644	123	0	0	0	2	1	2,770	---	---	---	---		2	1			
2011	2,691	123	0	0	0	5	4	2,823	---	---	---	---		3	3			
2012	2,745	123	0	0	0	8	6	2,882	---	---	---	---		3	3			
2013	2,805	123	0	0	0	11	9	2,948	---	---	---	---		3	3			
2014	2,871	123	0	0	0	15	11	3,020	---	---	---	---		3	3			
2015	2,943	123	0	0	0	18	14	3,098	---	---	---	---		3	3			
2016	3,023	123	0	0	0	21	16	3,183	---	---	---	---		3	3			
2017	3,107	123	0	0	0	24	19	3,273	---	---	---	---		3	3			
2018	3,196	123	0	0	0	27	22	3,368	---	---	---	---		3	3			
2019	3,292	123	0	0	0	31	24	3,470	---	---	---	---		3	3			

**Schedule 3.2  
History and Forecast of Winter Peak Demand  
(MW)**

(1)	(2)	(3)	(4)		(6)	(7)		(8)	(9)	(10)				(11)		(12)		(13)
Calendar Year	Net Firm Peak Demand	Interruptible Load	Load Management		QF Load Served By QF Generation	Cumulative Conservation		Net Firm Peak Demand	Time Of Peak				Incremental Conservation		Residential	Comm./Ind.		
			Residential	Comm./Ind.		Residential	Comm./Ind.		Month	Day	H.E.	Temp	Residential	Comm./Ind.				
2000	2,478	0	0	0	0	0	0	2,478	1	27	0800			0	0			
2001	2,666	0	0	0	0	0	0	2,666	1	3	0800			0	0			
2002	2,590	0	0	0	0	0	0	2,590	1	4	0800			0	0			
2003	3,083	0	0	0	0	0	0	3,083	1	24	0800			0	0			
2004	2,668	0	0	0	0	0	0	2,668	1	29	0700	23		0	0			
2005	2,860	0	0	0	0	0	0	2,860	1	24	0800	23		0	0			
2006	2,919	0	0	0	0	0	0	2,919	2	14	0800	29		0	0			
2007	2,722	0	0	0	0	0	0	2,722	1	30	0800	28		0	0			
2008	2,914	0	0	0	0	0	0	2,914	1	3	0800	25		0	0			
2009	3,064	0	0	0	0	0	0	3,064	2	6	0800	23		0	0			
2010	3,224	0	0	0	0	0	0	3,224	1	11	0800	20		0	0			
2011	3,008	87	0	0	0	2	2	3,099	---	---	---	---		2	2			
2012	3,060	87	0	0	0	4	3	3,154	---	---	---	---		2	1			
2013	3,122	87	0	0	0	6	4	3,219	---	---	---	---		2	1			
2014	3,194	87	0	0	0	7	5	3,294	---	---	---	---		2	1			
2015	3,277	87	0	0	0	9	6	3,379	---	---	---	---		2	1			
2016	3,369	87	0	0	0	11	7	3,474	---	---	---	---		2	1			
2017	3,471	87	0	0	0	12	9	3,579	---	---	---	---		2	1			
2018	3,583	87	0	0	0	14	10	3,694	---	---	---	---		2	1			
2019	3,706	87	0	0	0	16	11	3,820	---	---	---	---		2	1			
2020	3,839	87	0	0	0	17	12	3,955	---	---	---	---		2	1			