

State of Florida



Public Service Commission

CAPITAL CIRCLE OFFICE CENTER • 2540 SHUMARD OAK BOULEVARD
TALLAHASSEE, FLORIDA 32399-0850

-M-E-M-O-R-A-N-D-U-M-

DATE: September 6, 2018
TO: Carlotta S. Stauffer, Commission Clerk, Office of Commission Clerk
FROM: Takira Thompson, Engineering Specialist, Division of Engineering
RE: Docket No. 20180000-OT - Undocketed filings for 2018.

TT poE

Please file the attached, "DEF EXCEL Schedules 3.1 and 3.2 - Response to – TYSP Staff's Supplemental Data Request #3," in the above mentioned docket file.

Thank you.

TT/pz

Attachment

FLORIDA POWER CORPORATION

SCHEDULE 3.1.1
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
BASE CASE

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1989	6,045	623	4,633	276	300	34	N/A	46	133	5,256
1990	6,166	641	4,733	230	342	35	N/A	49	136	5,374
1991	6,128	684	4,699	207	313	36	N/A	53	136	5,383
1992	6,465	827	4,927	186	287	39	N/A	58	141	5,754
1993	6,913	848	5,016	274	502	48	N/A	70	155	5,864
1994	6,880	801	5,003	262	527	52	N/A	81	154	5,804
1995	7,510	886	5,522	284	502	55	N/A	101	160	6,408
1996	7,464	824	5,416	309	528	67	37	116	167	6,240
1997	7,786	872	5,696	285	509	78	46	130	170	6,568
1998	8,367	941	6,276	291	453	95	43	144	124	7,217
1999	8,455	1,458	6,096	324	457	108	44	159	76	7,554
2000	8,345	1,197	6,262	313	450	118	47	160	76	7,459
2001	8,570	1,276	6,465	301	402	129	50	162	76	7,741
2002	8,301	854	6,680	298	341	142	53	162	75	7,534
2003	7,891	289	6,874	300	297	155	56	163	75	7,163
2004	7,968	219	7,056	297	262	169	59	164	75	7,275
2005	8,165	265	7,233	299	231	184	62	164	75	7,498
2006	8,375	325	7,405	301	204	198	65	166	75	7,730
2007	8,590	388	7,576	303	180	212	68	167	75	7,964
2008	8,805	451	7,744	305	159	226	71	167	75	8,195

NOTE : COLUMN (OTH) INCLUDES DEMAND REDUCTIONS FOR LOAD CONTROL PROGRAMS (HEATWORKS AND VOLTAGE REDUCTION) AND CUSTOMER-OWNED SELF-SERVICE COGENERATION.

TOTAL AND NET FIRM DEMAND COLUMNS DO NOT INCLUDE RESIDENTIAL AND COMM. / IND. CONSERVATION.

FLORIDA POWER CORPORATION

SCHEDULE 3.1.2
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
HIGH LOAD FORECAST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL	RESIDENTIAL	COMM. / IND.	COMM. / IND.	OTHER	NET FIRM DEMAND
					LOAD MANAGEMENT	CONSERVATION	LOAD MANAGEMENT	CONSERVATION	DEMAND REDUCTIONS	
1989	6,045	623	4,633	276	300	34	N/A	46	133	5,256
1990	6,166	641	4,733	230	342	35	N/A	49	136	5,374
1991	6,128	684	4,699	207	313	36	N/A	53	136	5,383
1992	6,465	827	4,927	186	287	39	N/A	58	141	5,754
1993	6,913	848	5,016	274	502	48	N/A	70	155	5,864
1994	6,880	801	5,003	262	527	52	N/A	81	154	5,804
1995	7,510	886	5,522	284	502	55	N/A	101	160	6,408
1996	7,464	824	5,416	309	528	67	37	116	167	6,240
1997	7,786	872	5,696	285	509	78	46	130	170	6,568
1998	8,367	941	6,276	291	453	95	43	144	124	7,217
1999	8,609	1,458	6,250	324	457	108	44	159	76	7,708
2000	8,500	1,197	6,417	313	450	118	47	160	76	7,614
2001	8,767	1,276	6,662	301	402	129	50	162	76	7,938
2002	8,531	854	6,910	298	341	142	53	162	75	7,764
2003	8,125	289	7,108	300	297	155	56	163	75	7,397
2004	8,255	219	7,343	297	262	169	59	164	75	7,562
2005	8,482	265	7,550	299	231	184	62	164	75	7,815
2006	8,728	325	7,758	301	204	198	65	166	75	8,083
2007	8,966	388	7,952	303	180	212	68	167	75	8,340
2008	9,246	451	8,185	305	159	226	71	167	75	8,636

NOTE: COLUMN (OTH) INCLUDES DEMAND REDUCTIONS FOR LOAD CONTROL PROGRAMS (HEATWORKS AND VOLTAGE REDUCTION) AND CUSTOMER-OWNED SELF-SERVICE COGENERATION.

TOTAL AND NET FIRM DEMAND COLUMNS DO NOT INCLUDE RESIDENTIAL AND COMM. / IND. CONSERVATION.

FLORIDA POWER CORPORATION

**SCHEDULE 3.1.3
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
LOW LOAD FORECAST**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1989	6,045	623	4,633	276	300	34	N/A	46	133	5,256
1990	6,166	641	4,733	230	342	35	N/A	49	136	5,374
1991	6,128	684	4,699	207	313	36	N/A	53	136	5,383
1992	6,465	827	4,927	186	287	39	N/A	58	141	5,754
1993	6,913	848	5,016	274	502	48	N/A	70	155	5,864
1994	6,880	801	5,003	262	527	52	N/A	81	154	5,804
1995	7,510	886	5,522	284	502	55	N/A	101	160	6,408
1996	7,464	824	5,416	309	528	67	37	116	167	6,240
1997	7,786	872	5,696	285	509	78	46	130	170	6,568
1998	7,577	941	5,486	291	453	95	43	144	124	6,427
1999	8,313	1,458	5,954	324	457	108	44	159	76	7,412
2000	8,170	1,197	6,087	313	450	118	47	160	76	7,284
2001	8,383	1,276	6,278	301	402	129	50	162	76	7,554
2002	8,084	854	6,463	298	341	142	53	162	75	7,317
2003	7,643	289	6,626	300	297	155	56	163	75	6,915
2004	7,685	219	6,773	297	262	169	59	164	75	6,992
2005	7,853	265	6,921	299	231	184	62	164	75	7,186
2006	8,018	325	7,048	301	204	198	65	166	75	7,373
2007	8,204	388	7,190	303	180	212	68	167	75	7,578
2008	8,351	451	7,290	305	159	226	71	167	75	7,741

NOTE: COLUMN (OTH) INCLUDES DEMAND REDUCTIONS FOR LOAD CONTROL PROGRAMS (HEATWORKS AND VOLTAGE REDUCTION) AND CUSTOMER-OWNED SELF-SERVICE COGENERATION.

TOTAL AND NET FIRM DEMAND COLUMNS DO NOT INCLUDE RESIDENTIAL AND COMM. / IND. CONSERVATION.

FLORIDA POWER CORPORATION

SCHEDULE 3.2.1
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
BASE CASE

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL	RESIDENTIAL	COMM. / IND.	COMM. / IND.	OTHER	NET FIRM DEMAND
					LOAD MANAGEMENT	CONSERVATION	LOAD MANAGEMENT	CONSERVATION	DEMAND REDUCTIONS	
1988/89	6,873	639	5,261	237	493	52	N/A	44	147	5,900
1989/90	7,366	958	5,656	0	503	52	N/A	47	150	6,614
1990/91	6,312	796	4,574	196	490	51	N/A	52	153	5,370
1991/92	7,159	1,005	5,063	210	611	60	N/A	55	155	6,068
1992/93	6,516	876	4,608	150	599	67	N/A	57	159	5,484
1993/94	7,185	1,004	4,901	199	759	90	N/A	67	165	5,905
1994/95	8,975	1,169	6,223	280	997	101	N/A	74	131	7,392
1995/96	10,350	1,486	7,263	45	1,146	105	10	94	201	8,749
1996/97	8,486	1,228	5,624	290	901	133	16	104	190	6,852
1997/98	7,717	908	5,419	318	645	119	18	122	168	6,327
1998/99	9,420	1,527	6,489	322	874	183	18	120	190	8,016
1999/00	9,611	1,575	6,646	312	865	204	21	120	192	8,221
2000/01	9,837	1,668	6,791	300	859	228	24	121	195	8,459
2001/02	9,575	1,266	7,005	297	790	254	27	121	190	8,271
2002/03	9,170	720	7,193	299	743	281	30	122	185	7,913
2003/04	9,248	666	7,354	296	713	310	33	123	186	8,020
2004/05	9,445	728	7,504	298	690	339	36	124	189	8,232
2005/06	9,656	806	7,649	300	670	369	39	125	192	8,455
2006/07	9,868	883	7,794	302	652	399	42	125	195	8,677
2007/08	10,084	963	7,937	304	637	428	45	125	198	8,900
2008/09	10,304	1,046	8,079	306	623	456	49	126	201	9,125

NOTE : COLUMN (OTH) INCLUDES DEMAND REDUCTIONS FOR LOAD CONTROL PROGRAMS (HEATWORKS AND VOLTAGE REDUCTION) AND CUSTOMER-OWNED SELF-SERVICE COGENERATION.

TOTAL AND NET FIRM DEMAND COLUMNS DO NOT INCLUDE RESIDENTIAL AND COMM. / IND. CONSERVATION.

FLORIDA POWER CORPORATION

SCHEDULE 3.2.2
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
HIGH LOAD FORECAST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL	RESIDENTIAL	COMM. / IND.	COMM. / IND.	OTHER	NET FIRM DEMAND
					LOAD MANAGEMENT	CONSERVATION	LOAD MANAGEMENT	CONSERVATION	DEMAND REDUCTIONS	
1988/89	6,873	639	5,261	237	493	52	N/A	44	147	5,900
1989/90	7,366	958	5,656	0	503	52	N/A	47	150	6,614
1990/91	6,312	796	4,574	196	490	51	N/A	52	153	5,370
1991/92	7,159	1,005	5,063	210	611	60	N/A	55	155	6,068
1992/93	6,516	876	4,608	150	599	67	N/A	57	159	5,484
1993/94	7,185	1,004	4,901	199	759	90	N/A	67	165	5,905
1994/95	8,975	1,169	6,223	280	997	101	N/A	74	131	7,392
1995/96	10,350	1,486	7,263	45	1,146	105	10	94	201	8,749
1996/97	8,486	1,228	5,624	290	901	133	16	104	190	6,852
1997/98	7,717	908	5,419	318	645	119	18	122	168	6,327
1998/99	9,594	1,527	6,663	322	874	183	18	120	190	8,190
1999/00	9,785	1,575	6,820	312	865	204	21	120	192	8,395
2000/01	10,058	1,668	7,012	300	859	228	24	121	195	8,680
2001/02	9,832	1,266	7,262	297	790	254	27	121	190	8,528
2002/03	9,430	720	7,453	299	743	281	30	122	185	8,173
2003/04	9,567	666	7,673	296	713	310	33	123	186	8,339
2004/05	9,795	728	7,854	298	690	339	36	124	189	8,582
2005/06	10,044	806	8,037	300	670	369	39	125	192	8,843
2006/07	10,280	883	8,206	302	652	399	42	125	195	9,089
2007/08	10,566	963	8,419	304	637	428	45	125	198	9,382
2008/09	10,854	1,046	8,629	306	623	456	49	126	201	9,675

NOTE : COLUMN (OTH) INCLUDES DEMAND REDUCTIONS FOR LOAD CONTROL PROGRAMS (HEATWORKS AND VOLTAGE REDUCTION) AND CUSTOMER-OWNED SELF-SERVICE COGENERATION.

TOTAL AND NET FIRM DEMAND COLUMNS DO NOT INCLUDE RESIDENTIAL AND COMM. / IND. CONSERVATION.

FLORIDA POWER CORPORATION

**SCHEDULE 3.2.3
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
LOW LOAD FORECAST**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL	RESIDENTIAL	COMM. / IND.	COMM. / IND.	OTHER	NET FIRM DEMAND
					LOAD MANAGEMENT	CONSERVATION	LOAD MANAGEMENT	CONSERVATION	DEMAND REDUCTIONS	
1988/89	6,873	639	5,261	237	493	52	N/A	44	147	5,900
1989/90	7,366	958	5,656	0	503	52	N/A	47	150	6,614
1990/91	6,312	796	4,574	196	490	51	N/A	52	153	5,370
1991/92	7,159	1,005	5,063	210	611	60	N/A	55	155	6,068
1992/93	6,516	876	4,608	150	599	67	N/A	57	159	5,484
1993/94	7,185	1,004	4,901	199	759	90	N/A	67	165	5,905
1994/95	8,975	1,169	6,223	280	997	101	N/A	74	131	7,392
1995/96	10,350	1,486	7,263	45	1,146	105	10	94	201	8,749
1996/97	8,486	1,228	5,624	290	901	133	16	104	190	6,852
1997/98	7,717	908	5,419	318	645	119	18	122	168	6,327
1998/99	9,259	1,527	6,328	322	874	183	18	120	190	7,855
1999/00	9,414	1,575	6,449	312	865	204	21	120	192	8,024
2000/01	9,627	1,668	6,581	300	859	228	24	121	195	8,249
2001/02	9,332	1,266	6,762	297	790	254	27	121	190	8,028
2002/03	8,894	720	6,917	299	743	281	30	122	185	7,637
2003/04	8,934	666	7,040	296	713	310	33	123	186	7,706
2004/05	9,100	728	7,159	298	690	339	36	124	189	7,887
2005/06	9,263	806	7,256	300	670	369	39	125	192	8,062
2006/07	9,445	883	7,371	302	652	399	42	125	195	8,254
2007/08	9,588	963	7,441	304	637	428	45	125	198	8,404
2008/09	9,772	1,046	7,547	306	623	456	49	126	201	8,593

NOTE : COLUMN (OTH) INCLUDES DEMAND REDUCTIONS FOR LOAD CONTROL PROGRAMS (HEATWORKS AND VOLTAGE REDUCTION) AND CUSTOMER-OWNED SELF-SERVICE COGENERATION.

TOTAL AND NET FIRM DEMAND COLUMNS DO NOT INCLUDE RESIDENTIAL AND COMM. / IND. CONSERVATION.

FLORIDA POWER CORPORATION

SCHEDULE 3.1.1
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
BASE CASE

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1990	6,096	632	5,464	198	342	35	24	49	136	5,312
1991	6,079	674	5,405	192	313	36	25	53	136	5,324
1992	6,519	813	5,706	150	287	39	25	58	141	5,819
1993	6,913	833	6,080	272	502	48	27	70	155	5,839
1994	6,880	787	6,093	262	527	52	30	81	154	5,774
1995	7,523	959	6,564	269	503	64	40	106	160	6,381
1996	7,470	828	6,642	309	565	69	41	120	167	6,199
1997	7,786	874	6,912	288	555	78	41	131	170	6,523
1998	8,367	943	7,424	291	438	97	42	142	182	7,175
1999	9,039	1,520	7,519	292	505	113	45	153	183	7,747
2000	8,633	1,277	7,356	327	464	126	48	155	75	7,439
2001	8,840	1,343	7,497	308	414	136	49	156	75	7,701
2002	8,518	867	7,651	305	351	149	50	157	75	7,431
2003	8,337	506	7,831	328	305	162	51	158	75	7,258
2004	8,421	436	7,985	329	269	175	52	160	75	7,361
2005	8,574	433	8,141	335	238	190	54	161	75	7,522
2006	8,782	493	8,289	339	210	204	55	162	75	7,737
2007	8,988	555	8,433	343	185	218	57	163	75	7,947
2008	9,191	618	8,573	346	163	232	59	164	75	8,152
2009	9,394	681	8,713	349	144	246	61	165	75	8,354

Historical Values (1990-1999):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = actual capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2000 - 2009):

Cols. (2) - (4) forecasted peak without load control and conservation.

Cols. (5) - (9) = load control/conservation capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

FLORIDA POWER CORPORATION

SCHEDULE 3.1.2
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
HIGH LOAD FORECAST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1990	6,096	632	5,464	198	342	35	24	49	136	5,312
1991	6,079	674	5,405	192	313	36	25	53	136	5,324
1992	6,519	813	5,706	150	287	39	25	58	141	5,819
1993	6,913	833	6,080	272	502	48	27	70	155	5,839
1994	6,880	787	6,093	262	527	52	30	81	154	5,774
1995	7,523	959	6,564	269	503	64	40	106	160	6,381
1996	7,470	828	6,642	309	565	69	41	120	167	6,199
1997	7,786	874	6,912	288	555	78	41	131	170	6,523
1998	8,367	943	7,424	291	438	97	42	142	182	7,175
1999	9,039	1,520	7,519	292	505	113	45	153	183	7,747
2000	8,737	1,277	7,460	327	464	126	48	155	75	7,543
2001	8,950	1,343	7,607	308	414	136	49	156	75	7,811
2002	8,656	867	7,789	305	351	149	50	157	75	7,569
2003	8,497	506	7,991	328	305	162	51	158	75	7,418
2004	8,646	436	8,210	329	269	175	52	160	75	7,586
2005	8,826	433	8,393	335	238	190	54	161	75	7,774
2006	9,092	493	8,599	339	210	204	55	162	75	8,047
2007	9,304	555	8,749	343	185	218	57	163	75	8,263
2008	9,571	618	8,953	346	163	232	59	164	75	8,532
2009	9,819	681	9,138	349	144	246	61	165	75	8,779

Historical Values (1990-1999):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = actual capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2000 - 2009):

Cols. (2) - (4) forecasted peak without load control and conservation.

Cols. (5) - (9) = load control/conservation capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

FLORIDA POWER CORPORATION

SCHEDULE 3.1.3
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
LOW LOAD FORECAST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL	RESIDENTIAL	COMM. / IND.	COMM. / IND.	OTHER	NET FIRM DEMAND
					LOAD MANAGEMENT	CONSERVATION	LOAD MANAGEMENT	CONSERVATION	DEMAND REDUCTIONS	
1990	6,096	632	5,464	198	342	35	24	49	136	5,312
1991	6,079	674	5,405	192	313	36	25	53	136	5,324
1992	6,519	813	5,706	150	287	39	25	58	141	5,819
1993	6,913	833	6,080	272	502	48	27	70	155	5,839
1994	6,880	787	6,093	262	527	52	30	81	154	5,774
1995	7,523	959	6,564	269	503	64	40	106	160	6,381
1996	7,470	828	6,642	309	565	69	41	120	167	6,199
1997	7,786	874	6,912	288	555	78	41	131	170	6,523
1998	8,367	943	7,424	291	438	97	42	142	182	7,175
1999	9,039	1,520	7,519	292	505	113	45	153	183	7,747
2000	8,444	1,277	7,167	327	464	126	48	155	75	7,250
2001	8,629	1,343	7,286	308	414	136	49	156	75	7,490
2002	8,299	867	7,432	305	351	149	50	157	75	7,212
2003	8,068	506	7,562	328	305	162	51	158	75	6,989
2004	8,134	436	7,698	329	269	175	52	160	75	7,074
2005	8,251	433	7,818	335	238	190	54	161	75	7,199
2006	8,422	493	7,929	339	210	204	55	162	75	7,377
2007	8,589	555	8,034	343	185	218	57	163	75	7,548
2008	8,752	618	8,134	346	163	232	59	164	75	7,713
2009	8,916	681	8,235	349	144	246	61	165	75	7,876

Historical Values (1990-1999):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = actual capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2000 - 2009):

Cols. (2) - (4) forecasted peak without load control and conservation.

Cols. (5) - (9) = load control/conservation capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

FLORIDA POWER CORPORATION

**SCHEDULE 3.2.1
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
BASE CASE**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1989/90	7,596	875	6,721	230	503	52	0	47	150	6,614
1990/91	6,225	774	5,451	163	490	51	0	52	153	5,316
1991/92	7,163	972	6,191	181	611	60	0	55	155	6,101
1992/93	7,191	851	6,340	155	599	67	0	57	159	6,154
1993/94	7,184	972	6,212	199	759	90	2	66	165	5,903
1994/95	9,084	1,145	7,939	281	997	101	5	75	131	7,494
1995/96	10,562	1,489	9,073	255	1,156	106	15	95	201	8,734
1996/97	8,486	1,235	7,251	290	917	133	16	104	190	6,836
1997/98	7,717	941	6,776	318	663	124	17	117	168	6,310
1998/99	10,473	1,741	8,732	305	874	196	18	117	187	8,776
1999/00	9,993	1,647	8,346	326	849	229	21	119	190	8,259
2000/01	10,229	1,731	8,498	306	809	250	24	120	193	8,528
2001/02	9,940	1,274	8,666	304	744	273	27	121	190	8,282
2002/03	9,787	928	8,859	328	701	298	30	122	188	8,120
2003/04	9,902	877	9,025	329	673	325	33	123	189	8,230
2004/05	10,085	890	9,195	334	652	354	36	124	192	8,394
2005/06	10,322	968	9,354	337	635	383	39	125	195	8,609
2006/07	10,559	1,046	9,513	342	619	412	42	126	198	8,820
2007/08	10,793	1,129	9,664	345	605	441	46	127	200	9,029
2008/09	11,022	1,210	9,812	348	592	470	49	128	203	9,233
2009/10	11,254	1,291	9,963	350	580	498	52	129	206	9,440

Historical Values (1990-1999):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = actual capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2000 - 2010):

Cols. (2) - (4) forecasted peak without load control and conservation.

Cols. (5) - (9) = load control/conservation capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

FLORIDA POWER CORPORATION

**SCHEDULE 3.2.2
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
HIGH LOAD FORECAST**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1989/90	7,596	875	6,721	230	503	52	0	47	150	6,614
1990/91	6,225	774	5,451	163	490	51	0	52	153	5,316
1991/92	7,163	972	6,191	181	611	60	0	55	155	6,101
1992/93	7,191	851	6,340	155	599	67	0	57	159	6,154
1993/94	7,184	972	6,212	199	759	90	2	66	165	5,903
1994/95	9,084	1,145	7,939	281	997	101	5	75	131	7,494
1995/96	10,562	1,489	9,073	255	1,156	106	15	95	201	8,734
1996/97	8,486	1,235	7,251	290	917	133	16	104	190	6,836
1997/98	7,717	941	6,776	318	663	124	17	117	168	6,310
1998/99	10,473	1,741	8,732	305	874	196	18	117	187	8,776
1999/00	10,115	1,647	8,468	326	849	229	21	119	190	8,381
2000/01	10,357	1,731	8,626	306	809	250	24	120	193	8,656
2001/02	10,099	1,274	8,825	304	744	273	27	121	190	8,441
2002/03	9,970	928	9,042	328	701	298	30	122	188	8,303
2003/04	10,159	877	9,282	329	673	325	33	123	189	8,487
2004/05	10,371	890	9,481	334	652	354	36	124	192	8,680
2005/06	10,673	968	9,705	337	635	383	39	125	195	8,960
2006/07	10,916	1,046	9,870	342	619	412	42	126	198	9,177
2007/08	11,220	1,129	10,091	345	605	441	46	127	200	9,456
2008/09	11,499	1,210	10,289	348	592	470	49	128	203	9,710
2009/10	11,788	1,291	10,497	350	580	498	52	129	206	9,974

Historical Values (1990-1999):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = actual capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2000 - 2010):

Cols. (2) - (4) forecasted peak without load control and conservation.

Cols. (5) - (9) = load control/conservation capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

FLORIDA POWER CORPORATION

**SCHEDULE 3.2.3
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
LOW LOAD FORECAST**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1989/90	7,596	875	6,721	230	503	52	0	47	150	6,614
1990/91	6,225	774	5,451	163	490	51	0	52	153	5,316
1991/92	7,163	972	6,191	181	611	60	0	55	155	6,101
1992/93	7,191	851	6,340	155	599	67	0	57	159	6,154
1993/94	7,184	972	6,212	199	759	90	2	66	165	5,903
1994/95	9,084	1,145	7,939	281	997	101	5	75	131	7,494
1995/96	10,562	1,489	9,073	255	1,156	106	15	95	201	8,734
1996/97	8,486	1,235	7,251	290	917	133	16	104	190	6,836
1997/98	7,717	941	6,776	318	663	124	17	117	168	6,310
1998/99	10,473	1,741	8,732	305	874	196	18	117	187	8,776
1999/00	9,783	1,647	8,136	326	849	229	21	119	190	8,049
2000/01	9,994	1,731	8,263	306	809	250	24	120	193	8,293
2001/02	9,697	1,274	8,423	304	744	273	27	121	190	8,039
2002/03	9,487	928	8,559	328	701	298	30	122	188	7,820
2003/04	9,584	877	8,707	329	673	325	33	123	189	7,912
2004/05	9,727	890	8,837	334	652	354	36	124	192	8,036
2005/06	9,924	968	8,956	337	635	383	39	125	195	8,211
2006/07	10,118	1,046	9,072	342	619	412	42	126	198	8,379
2007/08	10,308	1,129	9,179	345	605	441	46	127	200	8,544
2008/09	10,495	1,210	9,285	348	592	470	49	128	203	8,706
2009/10	10,692	1,291	9,401	350	580	498	52	129	206	8,878

Historical Values (1990-1999):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = actual capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2000 - 2010):

Cols. (2) - (4) forecasted peak without load control and conservation.

Cols. (5) - (9) = load control/conservation capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

FLORIDA POWER CORPORATION

**SCHEDULE 3.1.1
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
BASE CASE**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL	RESIDENTIAL	COMM. / IND.	COMM. / IND.	OTHER	NET FIRM DEMAND
					LOAD MANAGEMENT	CONSERVATION	LOAD MANAGEMENT	CONSERVATION	DEMAND REDUCTIONS	
1991	6,079	674	5,405	192	313	36	25	53	136	5,324
1992	6,519	813	5,706	150	287	39	25	58	141	5,819
1993	6,913	833	6,080	272	502	48	27	70	155	5,839
1994	6,880	787	6,093	262	527	52	30	81	154	5,774
1995	7,523	959	6,564	269	503	64	40	106	160	6,381
1996	7,470	828	6,642	309	565	69	41	120	167	6,199
1997	7,786	874	6,912	288	555	78	41	131	170	6,523
1998	8,367	943	7,424	291	438	97	42	142	182	7,175
1999	9,039	1,520	7,519	292	505	113	45	153	183	7,747
2000	8,911	1,319	7,592	277	455	127	48	155	75	7,774
2001	8,907	1,410	7,497	300	414	139	54	156	75	7,769
2002	8,564	912	7,652	297	351	151	55	158	75	7,477
2003	8,467	636	7,831	320	305	164	56	159	75	7,388
2004	8,598	613	7,985	321	269	178	57	160	75	7,538
2005	8,743	602	8,141	327	238	192	59	161	75	7,691
2006	8,946	658	8,288	331	210	206	60	162	75	7,902
2007	9,157	724	8,433	335	185	221	62	163	75	8,116
2008	9,365	791	8,574	338	163	235	64	165	75	8,325
2009	9,568	855	8,713	341	144	248	66	166	75	8,528
2010	9,775	922	8,853	343	127	254	62	166	75	8,748

Historical Values (1991 - 2000):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2001 - 2010):

Cols. (2) - (4) forecasted peak without load control and conservation.

Cols. (5) - (9) = Represent cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

FLORIDA POWER CORPORATION

SCHEDULE 3.1.2
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
HIGH LOAD FORECAST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL	RESIDENTIAL	COMM. / IND.	COMM. / IND.	OTHER	NET FIRM DEMAND
					LOAD MANAGEMENT	CONSERVATION	LOAD MANAGEMENT	CONSERVATION	DEMAND REDUCTIONS	
1991	6,079	674	5,405	192	313	36	25	53	136	5,324
1992	6,519	813	5,706	150	287	39	25	58	141	5,819
1993	6,913	833	6,080	272	502	48	27	70	155	5,839
1994	6,880	787	6,093	262	527	52	30	81	154	5,774
1995	7,523	959	6,564	269	503	64	40	106	160	6,381
1996	7,470	828	6,642	309	565	69	41	120	167	6,199
1997	7,786	874	6,912	288	555	78	41	131	170	6,523
1998	8,367	943	7,424	291	438	97	42	142	182	7,175
1999	9,039	1,520	7,519	292	505	113	45	153	183	7,747
2000	8,911	1,319	7,592	277	455	127	48	155	75	7,774
2001	9,007	1,410	7,597	300	414	139	54	156	75	7,869
2002	8,668	912	7,756	297	351	151	55	158	75	7,581
2003	8,594	636	7,958	320	305	164	56	159	75	7,515
2004	8,759	613	8,146	321	269	178	57	160	75	7,699
2005	8,966	602	8,364	327	238	192	59	161	75	7,914
2006	9,207	658	8,549	331	210	206	60	162	75	8,163
2007	9,459	724	8,735	335	185	221	62	163	75	8,418
2008	9,711	791	8,920	338	163	235	64	165	75	8,671
2009	9,945	855	9,090	341	144	248	66	166	75	8,905
2010	10,207	922	9,285	343	127	254	62	166	75	9,180

Historical Values (1991 - 2000):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2001 - 2010):

Cols. (2) - (4) forecasted peak without load control and conservation.

Cols. (5) - (9) = Represent cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

FLORIDA POWER CORPORATION

SCHEDULE 3.1.3
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
LOW LOAD FORECAST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL		COMM. / IND.		OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
					LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	LOAD MANAGEMENT	COMM. / IND. CONSERVATION		
1991	6,079	674	5,405	192	313	36	25	53	136	5,324
1992	6,519	813	5,706	150	287	39	25	58	141	5,819
1993	6,913	833	6,080	272	502	48	27	70	155	5,839
1994	6,880	787	6,093	262	527	52	30	81	154	5,774
1995	7,523	959	6,564	269	503	64	40	106	160	6,381
1996	7,470	828	6,642	309	565	69	41	120	167	6,199
1997	7,786	874	6,912	288	555	78	41	131	170	6,523
1998	8,367	943	7,424	291	438	97	42	142	182	7,175
1999	9,039	1,520	7,519	292	505	113	45	153	183	7,747
2000	8,911	1,319	7,592	277	455	127	48	155	75	7,774
2001	8,703	1,410	7,293	300	414	139	54	156	75	7,565
2002	8,331	912	7,419	297	351	151	55	158	75	7,244
2003	8,223	636	7,587	320	305	164	56	159	75	7,144
2004	8,314	613	7,701	321	269	178	57	160	75	7,254
2005	8,434	602	7,832	327	238	192	59	161	75	7,382
2006	8,604	658	7,946	331	210	206	60	162	75	7,560
2007	8,781	724	8,057	335	185	221	62	163	75	7,740
2008	8,954	791	8,163	338	163	235	64	165	75	7,914
2009	9,119	855	8,264	341	144	248	66	166	75	8,079
2010	9,269	922	8,347	343	127	254	62	166	75	8,242

Historical Values (1991 - 2000):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2001 - 2010):

Cols. (2) - (4) forecasted peak without load control and conservation.

Cols. (5) - (9) = Represent cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

FLORIDA POWER CORPORATION

SCHEDULE 3.2.1
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
BASE CASE

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL	RESIDENTIAL	COMM. / IND.	COMM. / IND.	OTHER	NET FIRM DEMAND
					LOAD MANAGEMENT	CONSERVATION	LOAD MANAGEMENT	CONSERVATION	DEMAND REDUCTIONS	
1990/91	6,225	774	5,451	163	490	51	0	52	153	5,316
1991/92	7,163	972	6,191	181	611	60	0	55	155	6,101
1992/93	7,191	851	6,340	155	599	67	0	57	159	6,154
1993/94	7,184	972	6,212	199	759	90	2	66	165	5,903
1994/95	9,084	1,145	7,939	281	997	101	5	75	131	7,494
1995/96	10,562	1,489	9,073	255	1,156	106	15	95	201	8,734
1996/97	8,486	1,235	7,251	290	917	133	16	104	190	6,836
1997/98	7,717	941	6,776	318	663	124	17	117	168	6,310
1998/99	10,473	1,741	8,732	305	874	196	18	117	187	8,776
1999/00	10,040	1,728	8,312	225	785	229	20	119	182	8,480
2000/01	10,276	1,778	8,498	298	809	254	29	120	194	8,572
2001/02	9,962	1,297	8,665	296	744	277	32	121	190	8,302
2002/03	9,900	1,043	8,857	320	701	302	35	122	189	8,231
2003/04	10,055	1,029	9,026	321	673	330	38	123	191	8,379
2004/05	10,229	1,034	9,195	326	652	358	41	124	194	8,534
2005/06	10,461	1,106	9,355	329	635	387	44	125	196	8,745
2006/07	10,701	1,188	9,513	334	619	416	48	126	199	8,959
2007/08	10,932	1,268	9,664	337	605	446	51	127	202	9,164
2008/09	11,162	1,349	9,813	340	592	474	54	128	205	9,369
2009/10	11,393	1,430	9,963	342	580	502	52	129	208	9,580
2010/11	11,625	1,510	10,115	344	568	502	52	129	211	9,819

Historical Values (1991 - 2000):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2001 - 2010):

Cols. (2) - (4) forecasted peak without load control and conservation.

Cols. (5) - (9) = Represent cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

FLORIDA POWER CORPORATION

**SCHEDULE 3.2.2
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
HIGH LOAD FORECAST**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1990/91	6,225	774	5,451	163	490	51	0	52	153	5,316
1991/92	7,163	972	6,191	181	611	60	0	55	155	6,101
1992/93	7,191	851	6,340	155	599	67	0	57	159	6,154
1993/94	7,184	972	6,212	199	759	90	2	66	165	5,903
1994/95	9,084	1,145	7,939	281	997	101	5	75	131	7,494
1995/96	10,562	1,489	9,073	255	1,156	106	15	95	201	8,734
1996/97	8,486	1,235	7,251	290	917	133	16	104	190	6,836
1997/98	7,717	941	6,776	318	663	124	17	117	168	6,310
1998/99	10,473	1,741	8,732	305	874	196	18	117	187	8,776
1999/00	10,040	1,728	8,312	225	785	229	20	119	182	8,480
2000/01	10,393	1,778	8,615	298	809	254	29	120	194	8,689
2001/02	10,085	1,297	8,788	296	744	277	32	121	190	8,425
2002/03	10,046	1,043	9,003	320	701	302	35	122	189	8,377
2003/04	10,240	1,029	9,211	321	673	330	38	123	191	8,564
2004/05	10,482	1,034	9,448	326	652	358	41	124	194	8,787
2005/06	10,756	1,106	9,650	329	635	387	44	125	196	9,040
2006/07	11,041	1,188	9,853	334	619	416	48	126	199	9,299
2007/08	11,320	1,268	10,052	337	605	446	51	127	202	9,552
2008/09	11,584	1,349	10,235	340	592	474	54	128	205	9,791
2009/10	11,873	1,430	10,443	342	580	502	52	129	208	10,060
2010/11	12,159	1,510	10,649	344	568	502	52	129	211	10,353

Historical Values (1991 - 2000):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2001 - 2010):

Cols. (2) - (4) forecasted peak without load control and conservation.

Cols. (5) - (9) = Represent cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

FLORIDA POWER CORPORATION

SCHEDULE 3.2.3
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
LOW LOAD FORECAST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL	RESIDENTIAL	COMM. / IND.	COMM. / IND.	OTHER	NET FIRM DEMAND
					LOAD MANAGEMENT	CONSERVATION	LOAD MANAGEMENT	CONSERVATION	DEMAND REDUCTIONS	
1990/91	6,225	774	5,451	163	490	51	0	52	153	5,316
1991/92	7,163	972	6,191	181	611	60	0	55	155	6,101
1992/93	7,191	851	6,340	155	599	67	0	57	159	6,154
1993/94	7,184	972	6,212	199	759	90	2	66	165	5,903
1994/95	9,084	1,145	7,939	281	997	101	5	75	131	7,494
1995/96	10,562	1,489	9,073	255	1,156	106	15	95	201	8,734
1996/97	8,486	1,235	7,251	290	917	133	16	104	190	6,836
1997/98	7,717	941	6,776	318	663	124	17	117	168	6,310
1998/99	10,473	1,741	8,732	305	874	196	18	117	187	8,776
1999/00	10,040	1,728	8,312	225	785	229	20	119	182	8,480
2000/01	10,049	1,778	8,271	298	809	254	29	120	194	8,345
2001/02	9,705	1,297	8,408	296	744	277	32	121	190	8,045
2002/03	9,629	1,043	8,586	320	701	302	35	122	189	7,960
2003/04	9,740	1,029	8,711	321	673	330	38	123	191	8,064
2004/05	9,886	1,034	8,852	326	652	358	41	124	194	8,191
2005/06	10,083	1,106	8,977	329	635	387	44	125	196	8,367
2006/07	10,284	1,188	9,096	334	619	416	48	126	199	8,542
2007/08	10,478	1,268	9,210	337	605	446	51	127	202	8,710
2008/09	10,667	1,349	9,318	340	592	474	54	128	205	8,874
2009/10	10,834	1,430	9,404	342	580	502	52	129	208	9,021
2010/11	11,030	1,510	9,520	344	568	502	52	129	211	9,224

Historical Values (1991 - 2000):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2001 - 2010):

Cols. (2) - (4) forecasted peak without load control and conservation.

Cols. (5) - (9) = Represent cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

FLORIDA POWER

SCHEDULE 3.1.1

HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)

BASE CASE

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
					RESIDENTIAL LOAD	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD	COMM. / IND. CONSERVATION	OTHER DEMAND	NET FIRM DEMAND
<u>YEAR</u>	<u>TOTAL</u>	<u>WHOLESALE</u>	<u>RETAIL</u>	<u>INTERRUPTIBLE</u>	<u>MANAGEMENT</u>	<u>CONSERVATION</u>	<u>MANAGEMENT</u>	<u>CONSERVATION</u>	<u>REDUCTIONS</u>	<u>DEMAND</u>
1992	6,519	813	5,706	150	287	39	25	58	141	5,819
1993	6,913	833	6,080	272	502	48	27	70	155	5,839
1994	6,880	787	6,093	262	527	52	30	81	154	5,774
1995	7,523	959	6,564	269	503	64	40	106	160	6,381
1996	7,470	828	6,642	309	565	69	41	120	167	6,199
1997	7,786	874	6,912	288	555	78	41	131	170	6,523
1998	8,367	943	7,424	291	438	97	42	142	182	7,175
1999	9,039	1,326	7,713	292	505	113	45	153	183	7,747
2000	8,911	1,319	7,592	277	455	127	48	155	75	7,774
2001	8,471	1,118	7,353	275	414	139	54	156	75	7,358
2002	8,912	1,159	7,753	296	359	153	56	159	75	7,815
2003	8,707	738	7,969	346	311	167	57	160	75	7,591
2004	8,819	713	8,106	354	273	180	58	161	75	7,718
2005	9,012	763	8,249	361	239	195	59	163	75	7,919
2006	9,205	795	8,410	364	210	209	61	164	75	8,122
2007	9,378	800	8,578	360	184	223	63	165	75	8,308
2008	9,631	874	8,757	358	162	237	65	166	75	8,568
2009	9,890	949	8,941	359	142	251	67	167	75	8,829
2010	10,115	992	9,123	360	125	257	67	168	75	9,064
2011	10,365	1,066	9,299	361	109	257	66	168	75	9,329

Historical Values (1992 - 2001):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2002 - 2011):

Cols. (2) - (4) = forecasted peak without load control and conservation.

Cols. (5) - (9) = Represent cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

FLORIDA POWER

**SCHEDULE 3.1.2
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
HIGH LOAD FORECAST**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
					RESIDENTIAL LOAD	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD	COMM. / IND. CONSERVATION	OTHER DEMAND	NET FIRM DEMAND
<u>YEAR</u>	<u>TOTAL</u>	<u>WHOLESALE</u>	<u>RETAIL</u>	<u>INTERRUPTIBLE</u>	<u>MANAGEMENT</u>	<u>CONSERVATION</u>	<u>MANAGEMENT</u>	<u>CONSERVATION</u>	<u>REDUCTIONS</u>	<u>DEMAND</u>
1992	6,519	813	5,706	150	287	39	25	58	141	5,819
1993	6,913	833	6,080	272	502	48	27	70	155	5,839
1994	6,880	787	6,093	262	527	52	30	81	154	5,774
1995	7,523	959	6,564	269	503	64	40	106	160	6,381
1996	7,470	828	6,642	309	565	69	41	120	167	6,199
1997	7,786	874	6,912	288	555	78	41	131	170	6,523
1998	8,367	943	7,424	291	438	97	42	142	182	7,175
1999	9,039	1,326	7,713	292	505	113	45	153	183	7,747
2000	8,911	1,319	7,592	277	455	127	48	155	75	7,774
2001	8,471	1,118	7,353	275	414	139	54	156	75	7,358
2002	9,042	1,159	7,883	296	359	153	56	159	75	7,945
2003	8,857	738	8,119	346	311	167	57	160	75	7,742
2004	8,997	713	8,284	354	273	180	58	161	75	7,897
2005	9,214	763	8,451	361	239	195	59	163	75	8,121
2006	9,436	795	8,641	364	210	209	61	164	75	8,353
2007	9,634	800	8,834	360	184	223	63	165	75	8,564
2008	9,930	874	9,056	358	162	237	65	166	75	8,867
2009	10,246	949	9,297	359	142	251	67	167	75	9,185
2010	10,517	992	9,525	360	125	257	67	168	75	9,465
2011	10,839	1,066	9,773	361	109	257	66	168	75	9,803

Historical Values (1992 - 2001):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2002 - 2011):

Cols. (2) - (4) = forecasted peak without load control and conservation.

Cols. (5) - (9) = Represent cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

FLORIDA POWER

SCHEDULE 3.1.3

HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)

LOW LOAD FORECAST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
					RESIDENTIAL LOAD	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD	COMM. / IND. CONSERVATION	OTHER DEMAND	NET FIRM DEMAND
<u>YEAR</u>	<u>TOTAL</u>	<u>WHOLESALE</u>	<u>RETAIL</u>	<u>INTERRUPTIBLE</u>	<u>MANAGEMENT</u>	<u>CONSERVATION</u>	<u>MANAGEMENT</u>	<u>CONSERVATION</u>	<u>REDUCTIONS</u>	<u>DEMAND</u>
1992	6,519	813	5,706	150	287	39	25	58	141	5,819
1993	6,913	833	6,080	272	502	48	27	70	155	5,839
1994	6,880	787	6,093	262	527	52	30	81	154	5,774
1995	7,523	959	6,564	269	503	64	40	106	160	6,381
1996	7,470	828	6,642	309	565	69	41	120	167	6,199
1997	7,786	874	6,912	288	555	78	41	131	170	6,523
1998	8,367	943	7,424	291	438	97	42	142	182	7,175
1999	9,039	1,326	7,713	292	505	113	45	153	183	7,747
2000	8,911	1,319	7,592	277	455	127	48	155	75	7,774
2001	8,471	1,118	7,353	275	414	139	54	156	75	7,358
2002	8,728	1,159	7,569	296	359	153	56	159	75	7,631
2003	8,505	738	7,767	346	311	167	57	160	75	7,390
2004	8,594	713	7,881	354	273	180	58	161	75	7,494
2005	8,759	763	7,996	361	239	195	59	163	75	7,666
2006	8,914	795	8,119	364	210	209	61	164	75	7,831
2007	9,050	800	8,250	360	184	223	63	165	75	7,980
2008	9,259	874	8,385	358	162	237	65	166	75	8,196
2009	9,488	949	8,539	359	142	251	67	167	75	8,427
2010	9,656	992	8,664	360	125	257	67	168	75	8,604
2011	9,851	1,066	8,785	361	109	257	66	168	75	8,815

Historical Values (1992 - 2001):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2002 - 2011):

Cols. (2) - (4) forecasted peak without load control and conservation.

Cols. (5) - (9) = Represent cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

FLORIDA POWER

**SCHEDULE 3.2.1
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
BASE CASE**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
					RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE						
1991/92	7,163	972	6,191	181	611	60	0	55	155	6,101
1992/93	7,191	851	6,340	155	599	67	0	57	159	6,154
1993/94	7,184	972	6,212	199	759	90	2	66	165	5,903
1994/95	9,084	1,145	7,939	281	997	101	5	75	131	7,494
1995/96	10,562	1,489	9,073	255	1,156	106	15	95	201	8,734
1996/97	8,486	1,235	7,251	290	917	133	16	104	190	6,836
1997/98	7,717	941	6,776	318	663	124	17	117	168	6,310
1998/99	10,473	1,741	8,732	305	874	196	18	117	187	8,776
1999/00	10,040	1,728	8,312	225	849	229	20	119	182	8,416
2000/01	11,442	1,984	9,458	248	809	254	29	120	221	9,762
2001/02	10,223	1,602	8,621	297	761	278	32	121	204	8,530
2002/03	10,273	1,360	8,913	336	713	303	36	122	204	8,559
2003/04	10,302	1,193	9,109	340	683	330	39	123	204	8,583
2004/05	10,518	1,266	9,252	350	659	359	42	124	206	8,778
2005/06	10,726	1,321	9,405	354	640	388	45	125	209	8,965
2006/07	10,976	1,401	9,575	355	623	417	48	126	212	9,195
2007/08	11,197	1,448	9,749	348	608	446	51	127	214	9,402
2008/09	11,486	1,548	9,938	349	594	475	54	128	218	9,668
2009/10	11,742	1,616	10,126	350	582	503	57	129	221	9,900
2010/11	12,025	1,715	10,310	351	571	503	57	129	224	10,190

Historical Values (1992 - 2001):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2002 - 2011):

Cols. (2) - (4) = forecasted peak without load control and conservation.

Cols. (5) - (9) = Represent cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

FLORIDA POWER

**SCHEDULE 3.2.2
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
HIGH LOAD FORECAST**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
					RESIDENTIAL LOAD	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD	COMM. / IND. CONSERVATION	OTHER DEMAND	NET FIRM DEMAND
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	MANAGEMENT	CONSERVATION	MANAGEMENT	CONSERVATION	REDUCTIONS	DEMAND
1991/92	7,163	972	6,191	181	611	60	0	55	155	6,101
1992/93	7,191	851	6,340	155	599	67	0	57	159	6,154
1993/94	7,184	972	6,212	199	759	90	2	66	165	5,903
1994/95	9,084	1,145	7,939	281	997	101	5	75	131	7,494
1995/96	10,562	1,489	9,073	255	1,156	106	15	95	201	8,734
1996/97	8,486	1,235	7,251	290	917	133	16	104	190	6,836
1997/98	7,717	941	6,776	318	663	124	17	117	168	6,310
1998/99	10,473	1,741	8,732	305	874	196	18	117	187	8,776
1999/00	10,040	1,728	8,312	225	849	229	20	119	182	8,416
2000/01	11,442	1,984	9,458	248	809	254	29	120	221	9,762
2001/02	10,371	1,602	8,769	297	761	278	32	121	204	8,677
2002/03	10,443	1,360	9,083	336	713	303	36	122	204	8,729
2003/04	10,505	1,193	9,312	340	683	330	39	123	204	8,786
2004/05	10,746	1,266	9,480	350	659	359	42	124	206	9,006
2005/06	10,986	1,321	9,665	354	640	388	45	125	209	9,225
2006/07	11,261	1,401	9,860	355	623	417	48	126	212	9,480
2007/08	11,529	1,448	10,081	348	608	446	51	127	214	9,735
2008/09	11,878	1,548	10,330	349	594	475	54	128	218	10,060
2009/10	12,182	1,616	10,566	350	582	503	57	129	221	10,340
2010/11	12,543	1,715	10,828	351	571	503	57	129	224	10,708

Historical Values (1992 - 2001):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2002 - 2011):

Cols. (2) - (4) = forecasted peak without load control and conservation.

Cols. (5) - (9) = Represent cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

FLORIDA POWER

SCHEDULE 3.2.3

HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)

LOW LOAD FORECAST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
					RESIDENTIAL LOAD	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD	COMM. / IND. CONSERVATION	OTHER DEMAND	NET FIRM DEMAND
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	MANAGEMENT	CONSERVATION	MANAGEMENT	CONSERVATION	REDUCTIONS	DEMAND
1991/92	7,163	972	6,191	181	611	60	0	55	155	6,101
1992/93	7,191	851	6,340	155	599	67	0	57	159	6,154
1993/94	7,184	972	6,212	199	759	90	2	66	165	5,903
1994/95	9,084	1,145	7,939	281	997	101	5	75	131	7,494
1995/96	10,562	1,489	9,073	255	1,156	106	15	95	201	8,734
1996/97	8,486	1,235	7,251	290	917	133	16	104	190	6,836
1997/98	7,717	941	6,776	318	663	124	17	117	168	6,310
1998/99	10,473	1,741	8,732	305	874	196	18	117	187	8,776
1999/00	10,040	1,728	8,312	225	849	229	20	119	182	8,416
2000/01	11,442	1,984	9,458	248	809	254	29	120	221	9,762
2001/02	10,023	1,602	8,421	297	761	278	32	121	204	8,329
2002/03	10,051	1,360	8,691	336	713	303	36	122	204	8,337
2003/04	10,055	1,193	8,862	340	683	330	39	123	204	8,336
2004/05	10,239	1,266	8,973	350	659	359	42	124	206	8,499
2005/06	10,407	1,321	9,086	354	640	388	45	125	209	8,646
2006/07	10,617	1,401	9,216	355	623	417	48	126	212	8,836
2007/08	10,791	1,448	9,343	348	608	446	51	127	214	8,997
2008/09	11,048	1,548	9,500	349	594	475	54	128	218	9,230
2009/10	11,242	1,616	9,626	350	582	503	57	129	221	9,400
2010/11	11,465	1,715	9,750	351	571	503	57	129	224	9,630

Historical Values (1992 - 2001):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2002 - 2011):

Cols. (2) - (4) = forecasted peak without load control and conservation.

Cols. (5) - (9) = Represent cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

**SCHEDULE 3.1.1
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
BASE CASE**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1993	6,913	833	6,080	272	502	48	27	70	155	5,839
1994	6,880	787	6,093	262	527	52	30	81	154	5,774
1995	7,523	959	6,564	269	503	64	40	106	160	6,381
1996	7,470	828	6,642	309	565	69	41	120	167	6,199
1997	7,786	874	6,912	288	555	78	41	131	170	6,523
1998	8,367	943	7,424	291	438	97	42	142	182	7,175
1999	9,039	1,326	7,713	292	505	113	45	153	183	7,747
2000	8,911	1,319	7,592	277	455	127	48	155	75	7,774
2001	8,471	1,118	7,353	283	414	139	54	156	75	7,350
2002	9,034	1,205	7,829	305	390	153	43	159	75	7,909
2003	8,777	687	8,089	325	341	169	45	161	75	7,661
2004	8,953	680	8,273	386	300	183	47	162	75	7,800
2005	9,101	664	8,437	394	266	197	49	164	75	7,957
2006	9,464	849	8,615	397	236	211	51	165	75	8,329
2007	9,716	916	8,800	398	210	226	53	166	75	8,589
2008	9,896	904	8,992	380	187	240	55	167	75	8,792
2009	10,075	888	9,187	371	167	253	58	168	75	8,984
2010	10,253	872	9,381	351	150	259	58	169	75	9,192
2011	10,445	873	9,572	352	134	259	57	169	75	9,400
2012	10,634	873	9,761	353	120	259	56	169	75	9,602

Historical Values (1993 - 2002):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2003 - 2012):

Cols. (2) - (4) forecasted peak without load control and conservation.

Cols. (5) - (9) = Represent cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

**SCHEDULE 3.1.2
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
HIGH LOAD FORECAST**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1993	6,913	833	6,080	272	502	48	27	70	155	5,839
1994	6,880	787	6,093	262	527	52	30	81	154	5,774
1995	7,523	959	6,564	269	503	64	40	106	160	6,381
1996	7,470	828	6,642	309	565	69	41	120	167	6,199
1997	7,786	874	6,912	288	555	78	41	131	170	6,523
1998	8,367	943	7,424	291	438	97	42	142	182	7,175
1999	9,039	1,326	7,713	292	505	113	45	153	183	7,747
2000	8,911	1,319	7,592	277	455	127	48	155	75	7,774
2001	8,471	1,118	7,353	283	414	139	54	156	75	7,350
2002	9,034	1,205	7,829	305	390	153	43	159	75	7,909
2003	8,924	687	8,237	325	341	169	45	161	75	7,809
2004	9,122	680	8,442	386	300	183	47	162	75	7,969
2005	9,298	664	8,635	394	266	197	49	164	75	8,155
2006	9,677	849	8,828	397	236	211	51	165	75	8,542
2007	9,965	916	9,049	398	210	226	53	166	75	8,838
2008	10,165	904	9,261	380	187	240	55	167	75	9,061
2009	10,392	888	9,504	371	167	253	58	168	75	9,301
2010	10,629	872	9,758	351	150	259	58	169	75	9,568
2011	10,864	873	9,991	352	134	259	57	169	75	9,819
2012	11,116	873	10,244	353	120	259	56	169	75	10,085

Historical Values (1993 - 2002):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2003 - 2012):

Cols. (2) - (4) forecasted peak without load control and conservation.

Cols. (5) - (9) = Represent cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

**SCHEDULE 3.1.3
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
LOW LOAD FORECAST**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1993	6,913	833	6,080	272	502	48	27	70	155	5,839
1994	6,880	787	6,093	262	527	52	30	81	154	5,774
1995	7,523	959	6,564	269	503	64	40	106	160	6,381
1996	7,470	828	6,642	309	565	69	41	120	167	6,199
1997	7,786	874	6,912	288	555	78	41	131	170	6,523
1998	8,367	943	7,424	291	438	97	42	142	182	7,175
1999	9,039	1,326	7,713	292	505	113	45	153	183	7,747
2000	8,911	1,319	7,592	277	455	127	48	155	75	7,774
2001	8,471	1,118	7,353	283	414	139	54	156	75	7,350
2002	9,034	1,205	7,829	305	390	153	43	159	75	7,909
2003	8,217	687	7,530	325	341	169	45	161	75	7,101
2004	8,367	680	7,687	386	300	183	47	162	75	7,214
2005	8,479	664	7,815	394	266	197	49	164	75	7,335
2006	8,796	849	7,947	397	236	211	51	165	75	7,661
2007	9,001	916	8,085	398	210	226	53	166	75	7,874
2008	9,131	904	8,227	380	187	240	55	167	75	8,028
2009	9,250	888	8,362	371	167	253	58	168	75	8,159
2010	9,391	872	8,519	351	150	259	58	169	75	8,330
2011	9,520	873	8,647	352	134	259	57	169	75	8,474
2012	9,666	873	8,793	353	120	259	56	169	75	8,634

Historical Values (1993 - 2002):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2003 - 2012):

Cols. (2) - (4) forecasted peak without load control and conservation.

Cols. (5) - (9) = Represent cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

SCHEDULE 3.2.1
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
BASE CASE

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1992/93	7,191	851	6,340	155	599	67	0	57	159	6,154
1993/94	7,184	972	6,212	199	759	90	2	66	165	5,903
1994/95	9,084	1,145	7,939	281	997	101	5	75	131	7,494
1995/96	10,562	1,489	9,073	255	1,156	106	15	95	201	8,734
1996/97	8,486	1,235	7,251	290	917	133	16	104	190	6,836
1997/98	7,717	941	6,776	318	663	124	17	117	168	6,310
1998/99	10,473	1,741	8,732	305	874	196	18	117	187	8,776
1999/00	10,040	1,728	8,312	225	849	229	20	119	182	8,416
2000/01	11,450	1,984	9,466	255	809	254	29	120	194	9,789
2001/02	10,676	1,625	9,051	285	770	278	24	121	187	9,011
2002/03	10,298	1,399	8,899	308	723	305	27	121	186	8,627
2003/04	10,420	1,313	9,107	380	691	332	30	122	188	8,676
2004/05	10,620	1,334	9,286	392	665	361	33	123	190	8,855
2005/06	10,866	1,397	9,469	399	644	390	36	124	192	9,080
2006/07	11,365	1,703	9,662	400	628	419	39	125	194	9,560
2007/08	11,520	1,675	9,845	381	615	448	43	126	196	9,711
2008/09	11,730	1,696	10,034	371	605	477	46	127	198	9,905
2009/10	11,948	1,724	10,224	362	598	505	49	128	200	10,106
2010/11	12,164	1,751	10,413	353	591	505	49	128	203	10,336
2011/12	12,384	1,786	10,598	354	584	505	49	128	205	10,559

Historical Values (1993 - 2002):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2003 - 2012):

Cols (2) - (4) forecasted peak without load control and conservation.

Cols (5) - (9) = Represent cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

**SCHEDULE 3.2.2
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
HIGH LOAD FORECAST**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL	RESIDENTIAL	COMM. / IND.	COMM. / IND.	OTHER	NET FIRM DEMAND
					LOAD MANAGEMENT	CONSERVATION	LOAD MANAGEMENT	CONSERVATION	DEMAND REDUCTIONS	
1992/93	7,191	851	6,340	155	599	67	0	57	159	6,154
1993/94	7,184	972	6,212	199	759	90	2	66	165	5,903
1994/95	9,084	1,145	7,939	281	997	101	5	75	131	7,494
1995/96	10,562	1,489	9,073	255	1,156	106	15	95	201	8,734
1996/97	8,486	1,235	7,251	290	917	133	16	104	190	6,836
1997/98	7,717	941	6,776	318	663	124	17	117	168	6,310
1998/99	10,473	1,741	8,732	305	874	196	18	117	187	8,776
1999/00	10,040	1,728	8,312	225	849	229	20	119	182	8,416
2000/01	11,450	1,984	9,466	255	809	254	29	120	194	9,789
2001/02	10,676	1,625	9,051	285	770	278	24	121	187	9,011
2002/03	10,460	1,399	9,060	308	723	305	27	121	186	8,789
2003/04	10,603	1,313	9,290	380	691	332	30	122	188	8,859
2004/05	10,834	1,334	9,500	392	665	361	33	123	190	9,070
2005/06	11,097	1,397	9,700	399	644	390	36	124	192	9,312
2006/07	11,636	1,703	9,932	400	628	419	39	125	194	9,830
2007/08	11,810	1,675	10,134	381	615	448	43	126	196	10,000
2008/09	12,072	1,696	10,377	371	605	477	46	127	198	10,248
2009/10	12,351	1,724	10,628	362	598	505	49	128	200	10,510
2010/11	12,613	1,751	10,863	353	591	505	49	128	203	10,785
2011/12	12,899	1,786	11,114	354	584	505	49	128	205	11,075

Historical Values (1993 - 2002):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2003 - 2012):

Cols. (2) - (4) forecasted peak without load control and conservation.

Cols. (5) - (9) = Represent cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

SCHEDULE 3.2.3
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
LOW LOAD FORECAST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1992/93	7,191	851	6,340	155	599	67	0	57	159	6,154
1993/94	7,184	972	6,212	199	759	90	2	66	165	5,903
1994/95	9,084	1,145	7,939	281	997	101	5	75	131	7,494
1995/96	10,562	1,489	9,073	255	1,156	106	15	95	201	8,734
1996/97	8,486	1,235	7,251	290	917	133	16	104	190	6,836
1997/98	7,717	941	6,776	318	663	124	17	117	168	6,310
1998/99	10,473	1,741	8,732	305	874	196	18	117	187	8,776
1999/00	10,040	1,728	8,312	225	849	229	20	119	182	8,416
2000/01	11,450	1,984	9,466	255	809	254	29	120	194	9,789
2001/02	10,676	1,625	9,051	285	770	278	24	121	187	9,011
2002/03	10,129	1,399	8,729	308	723	305	27	121	186	8,458
2003/04	10,238	1,313	8,925	380	691	332	30	122	188	8,494
2004/05	10,416	1,334	9,082	392	665	361	33	123	190	8,652
2005/06	10,630	1,397	9,233	399	644	390	36	124	192	8,845
2006/07	11,096	1,703	9,392	400	628	419	39	125	194	9,290
2007/08	11,214	1,675	9,538	381	615	448	43	126	196	9,404
2008/09	11,376	1,696	9,681	371	605	477	46	127	198	9,552
2009/10	11,562	1,724	9,839	362	598	505	49	128	200	9,721
2010/11	11,712	1,751	9,962	353	591	505	49	128	203	9,884
2011/12	11,887	1,786	10,102	354	584	505	49	128	205	10,063

Historical Values (1993 - 2002):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2003 - 2012):

Cols. (2) - (4) forecasted peak without load control and conservation.

Cols. (5) - (9) = Represent cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

**SCHEDULE 3.1.1
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
BASE CASE**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1994	6,880	787	6,093	262	527	52	30	81	154	5,774
1995	7,523	959	6,564	269	503	64	40	106	160	6,381
1996	7,470	828	6,642	309	565	69	41	120	167	6,199
1997	7,786	874	6,912	288	555	78	41	131	170	6,523
1998	8,367	943	7,424	291	438	97	42	142	182	7,175
1999	9,039	1,326	7,713	292	505	113	45	153	183	7,747
2000	8,911	1,319	7,592	277	455	127	48	155	75	7,774
2001	8,841	1,117	7,724	283	414	139	54	156	75	7,720
2002	9,421	1,203	8,218	305	390	153	43	159	75	8,296
2003	8,886	887	7,999	300	347	172	44	164	75	7,742
2004	9,143	774	8,369	369	304	187	47	165	75	7,997
2005	9,255	689	8,565	374	272	201	49	167	75	8,117
2006	9,651	889	8,762	377	246	216	51	168	75	8,519
2007	9,888	928	8,960	378	225	230	53	169	75	8,758
2008	10,066	904	9,162	360	208	244	55	170	75	8,953
2009	10,215	848	9,367	349	194	258	58	171	75	9,110
2010	10,418	852	9,567	330	180	272	60	172	75	9,329
2011	10,582	823	9,759	331	168	286	62	173	75	9,486
2012	10,737	792	9,945	332	156	301	65	174	75	9,635
2013	10,921	795	10,127	333	146	315	67	176	75	9,810

Historical Values (1994 - 2003):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2004 - 2013):

Cols. (2) - (4) = forecasted peak without load control, conservation, and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

SCHEDULE 3.1.2
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
HIGH LOAD FORECAST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1994	6,880	787	6,093	262	527	52	30	81	154	5,774
1995	7,523	959	6,564	269	503	64	40	106	160	6,381
1996	7,470	828	6,642	309	565	69	41	120	167	6,199
1997	7,786	874	6,912	288	555	78	41	131	170	6,523
1998	8,367	943	7,424	291	438	97	42	142	182	7,175
1999	9,039	1,326	7,713	292	505	113	45	153	183	7,747
2000	8,911	1,319	7,592	277	455	127	48	155	75	7,774
2001	8,841	1,117	7,724	283	414	139	54	156	75	7,720
2002	9,421	1,203	8,218	305	390	153	43	159	75	8,296
2003	8,886	887	7,999	300	347	172	44	164	75	7,742
2004	9,291	774	8,517	369	304	187	47	165	75	8,145
2005	9,418	689	8,728	374	272	201	49	167	75	8,281
2006	9,844	889	8,955	377	246	216	51	168	75	8,712
2007	10,099	928	9,171	378	225	230	53	169	75	8,969
2008	10,310	904	9,406	360	208	244	55	170	75	9,198
2009	10,475	848	9,627	349	194	258	58	171	75	9,371
2010	10,733	852	9,882	330	180	272	60	172	75	9,644
2011	10,949	823	10,126	331	168	286	62	173	75	9,853
2012	11,138	792	10,346	332	156	301	65	174	75	10,036
2013	11,391	795	10,597	333	146	315	67	176	75	10,280

Historical Values (1994 - 2003):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2004 - 2013):

Cols. (2) - (4) = forecasted peak without load control, conservation, and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

**SCHEDULE 3.1.3
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
LOW LOAD FORECAST**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL	RESIDENTIAL	COMM. / IND.	COMM. / IND.	OTHER	NET FIRM
					LOAD	CONSERVATION	LOAD	CONSERVATION	DEMAND	
					MANAGEMENT		MANAGEMENT		REDUCTIONS	DEMAND
1994	6,880	787	6,093	262	527	52	30	81	154	5,774
1995	7,523	959	6,564	269	503	64	40	106	160	6,381
1996	7,470	828	6,642	309	565	69	41	120	167	6,199
1997	7,786	874	6,912	288	555	78	41	131	170	6,523
1998	8,367	943	7,424	291	438	97	42	142	182	7,175
1999	9,039	1,326	7,713	292	505	113	45	153	183	7,747
2000	8,911	1,319	7,592	277	455	127	48	155	75	7,774
2001	8,841	1,117	7,724	283	414	139	54	156	75	7,720
2002	9,421	1,203	8,218	305	390	153	43	159	75	8,296
2003	8,886	887	7,999	300	347	172	44	164	75	7,742
2004	8,988	774	8,214	369	304	187	47	165	75	7,842
2005	9,088	689	8,398	374	272	201	49	167	75	7,951
2006	9,461	889	8,572	377	246	216	51	168	75	8,329
2007	9,672	928	8,744	378	225	230	53	169	75	8,542
2008	9,816	904	8,912	360	208	244	55	170	75	8,704
2009	9,925	848	9,077	349	194	258	58	171	75	8,821
2010	10,083	852	9,232	330	180	272	60	172	75	8,994
2011	10,226	823	9,403	331	168	286	62	173	75	9,130
2012	10,332	792	9,540	332	156	301	65	174	75	9,230
2013	10,465	795	9,671	333	146	315	67	176	75	9,354

Historical Values (1994 - 2003):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2004 - 2013):

Cols. (2) - (4) = forecasted peak without load control, conservation, and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

**SCHEDULE 3.2.1
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
BASE CASE**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL	RESIDENTIAL	COMM. / IND.	COMM. / IND.	OTHER	NET FIRM
					LOAD	CONSERVATION	LOAD	CONSERVATION	DEMAND	
					MANAGEMENT		MANAGEMENT		REDUCTIONS	DEMAND
1993/94	7,184	972	6,212	199	759	90	2	66	165	5,903
1994/95	9,084	1,145	7,939	281	997	101	5	75	131	7,494
1995/96	10,562	1,489	9,073	255	1,156	106	15	95	201	8,734
1996/97	8,486	1,235	7,251	290	917	133	16	104	190	6,836
1997/98	7,752	941	6,811	318	663	164	17	112	168	6,310
1998/99	10,473	1,741	8,732	305	874	196	18	117	187	8,776
1999/00	10,040	1,728	8,312	225	849	229	20	119	182	8,416
2000/01	11,450	1,984	9,466	255	809	254	29	120	194	9,789
2001/02	10,676	1,624	9,052	285	770	278	24	121	188	9,010
2002/03	11,555	1,538	10,017	271	768	313	27	124	200	9,852
2003/04	10,626	1,408	9,218	520	735	343	30	125	248	8,625
2004/05	10,922	1,508	9,414	523	715	372	33	126	251	8,903
2005/06	11,049	1,437	9,612	379	698	401	36	127	255	9,153
2006/07	11,519	1,714	9,805	380	687	431	39	128	258	9,596
2007/08	11,672	1,672	10,001	361	681	461	43	129	261	9,737
2008/09	11,850	1,649	10,202	351	678	491	46	130	265	9,891
2009/10	12,099	1,697	10,402	341	676	519	49	131	268	10,114
2010/11	12,287	1,692	10,595	332	675	549	52	132	271	10,276
2011/12	12,475	1,694	10,781	333	675	578	55	133	274	10,426
2012/13	12,692	1,730	10,962	334	676	607	58	134	277	10,605

Historical Values (1994 - 2003):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.
 Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.
 Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.
 Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2004 - 2013):

Cols. (2) - (4) = forecasted peak without load control, conservation, and customer-owned self-service cogeneration.
 Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.
 Col. (OTH) = voltage reduction and customer-owned self-service cogeneration.
 Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

**SCHEDULE 3.2.2
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
HIGH LOAD FORECAST**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL	RESIDENTIAL	COMM. / IND.	COMM. / IND.	OTHER	NET FIRM DEMAND
					LOAD MANAGEMENT	CONSERVATION	LOAD MANAGEMENT	CONSERVATION	DEMAND REDUCTIONS	
1993/94	7,184	972	6,212	199	759	90	2	66	165	5,903
1994/95	9,084	1,145	7,939	281	997	101	5	75	131	7,494
1995/96	10,562	1,489	9,073	255	1,156	106	15	95	201	8,734
1996/97	8,486	1,235	7,251	290	917	133	16	104	190	6,836
1997/98	7,752	941	6,811	318	663	164	17	112	168	6,310
1998/99	10,473	1,741	8,732	305	874	196	18	117	187	8,776
1999/00	10,040	1,728	8,312	225	849	229	20	119	182	8,416
2000/01	11,450	1,984	9,466	255	809	254	29	120	194	9,789
2001/02	10,676	1,624	9,052	285	770	278	24	121	188	9,010
2002/03	11,555	1,538	10,017	271	768	313	27	124	200	9,852
2003/04	10,788	1,408	9,381	520	735	343	30	125	248	8,788
2004/05	11,100	1,508	9,592	523	715	372	33	126	251	9,081
2005/06	11,258	1,437	9,821	379	698	401	36	127	255	9,362
2006/07	11,747	1,714	10,033	380	687	431	39	128	258	9,824
2007/08	11,936	1,672	10,264	361	681	461	43	129	261	10,001
2008/09	12,130	1,649	10,482	351	678	491	46	130	265	10,171
2009/10	12,435	1,697	10,738	341	676	519	49	131	268	10,451
2010/11	12,679	1,692	10,987	332	675	549	52	132	271	10,668
2011/12	12,902	1,694	11,208	333	675	578	55	133	274	10,854
2012/13	13,190	1,730	11,460	334	676	607	58	134	277	11,104

Historical Values (1994 - 2003):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2004 - 2013):

Cols. (2) - (4) = forecasted peak without load control, conservation, and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

**SCHEDULE 3.2.3
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
LOW LOAD FORECAST**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL	RESIDENTIAL	COMM. / IND.	COMM. / IND.	OTHER	NET FIRM DEMAND
					LOAD MANAGEMENT	CONSERVATION	LOAD MANAGEMENT	CONSERVATION	DEMAND REDUCTIONS	
1993/94	7,184	972	6,212	199	759	90	2	66	165	5,903
1994/95	9,084	1,145	7,939	281	997	101	5	75	131	7,494
1995/96	10,562	1,489	9,073	255	1,156	106	15	95	201	8,734
1996/97	8,486	1,235	7,251	290	917	133	16	104	190	6,836
1997/98	7,752	941	6,811	318	663	164	17	112	168	6,310
1998/99	10,473	1,741	8,732	305	874	196	18	117	187	8,776
1999/00	10,040	1,728	8,312	225	849	229	20	119	182	8,416
2000/01	11,450	1,984	9,466	255	809	254	29	120	194	9,789
2001/02	10,676	1,624	9,052	285	770	278	24	121	188	9,010
2002/03	11,555	1,538	10,017	271	768	313	27	124	200	9,852
2003/04	10,457	1,408	9,050	520	735	343	30	125	248	8,457
2004/05	10,742	1,508	9,234	523	715	372	33	126	251	8,723
2005/06	10,843	1,437	9,406	379	698	401	36	127	255	8,947
2006/07	11,285	1,714	9,571	380	687	431	39	128	258	9,362
2007/08	11,404	1,672	9,732	361	681	461	43	129	261	9,469
2008/09	11,540	1,649	9,892	351	678	491	46	130	265	9,581
2009/10	11,740	1,697	10,043	341	676	519	49	131	268	9,756
2010/11	11,907	1,692	10,215	332	675	549	52	132	271	9,896
2011/12	12,044	1,694	10,350	333	675	578	55	133	274	9,996
2012/13	12,207	1,730	10,477	334	676	607	58	134	277	10,121

Historical Values (1994 - 2003):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2004 - 2013):

Cols (2) - (4) = forecasted peak without load control, conservation, and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

SCHEDULE 3.1.1
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
BASE CASE

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1995	7,523	959	6,564	269	503	64	40	106	160	6,381
1996	7,470	828	6,642	309	565	69	41	120	167	6,199
1997	7,786	874	6,912	288	555	78	41	131	170	6,523
1998	8,367	943	7,424	291	438	97	42	142	182	7,175
1999	9,039	1,326	7,713	292	505	113	45	153	183	7,747
2000	8,911	1,319	7,592	277	455	127	48	155	75	7,774
2001	8,841	1,117	7,724	283	414	139	54	156	75	7,720
2002	9,421	1,203	8,218	305	390	153	43	159	75	8,296
2003	8,886	887	7,999	300	347	172	44	164	75	7,785
2004	9,554	1,071	8,483	531	283	188	37	166	75	8,274
2005	9,547	948	8,599	633	258	203	38	167	75	8,172
2006	9,808	993	8,815	420	228	214	39	169	75	8,663
2007	10,085	1,063	9,022	417	202	223	40	171	75	8,957
2008	10,298	1,093	9,205	413	179	232	41	172	75	9,186
2009	10,452	1,063	9,388	409	158	241	42	174	75	9,353
2010	10,802	1,213	9,589	400	140	250	43	176	75	9,719
2011	11,007	1,217	9,790	401	124	259	45	177	75	9,926
2012	11,218	1,230	9,988	402	109	269	46	179	75	10,138
2013	11,436	1,251	10,185	403	97	279	47	180	75	10,355
2014	11,651	1,269	10,382	404	86	289	48	182	75	10,567

Historical Values (1995 - 2004):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2005 - 2014):

Cols. (2) - (4) = forecasted peak without load control, conservation, and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

SCHEDULE 3.1.2
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
HIGH LOAD FORECAST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1995	7,523	959	6,564	269	503	64	40	106	160	6,381
1996	7,470	828	6,642	309	565	69	41	120	167	6,199
1997	7,786	874	6,912	288	555	78	41	131	170	6,523
1998	8,367	943	7,424	291	438	97	42	142	182	7,175
1999	9,039	1,326	7,713	292	505	113	45	153	183	7,747
2000	8,911	1,319	7,592	277	455	127	48	155	75	7,774
2001	8,841	1,117	7,724	283	414	139	54	156	75	7,720
2002	9,421	1,203	8,218	305	390	153	43	159	75	8,296
2003	8,886	887	7,999	300	347	172	44	164	75	7,785
2004	9,554	1,071	8,483	531	283	188	37	166	75	8,274
2005	9,711	948	8,763	633	258	203	38	167	75	8,336
2006	9,990	993	8,997	420	228	214	39	169	75	8,844
2007	10,298	1,063	9,236	417	202	223	40	171	75	9,170
2008	10,542	1,093	9,449	413	179	232	41	172	75	9,430
2009	10,709	1,063	9,645	409	158	241	42	174	75	9,609
2010	11,077	1,213	9,865	400	140	250	43	176	75	9,994
2011	11,314	1,217	10,096	401	124	259	45	177	75	10,232
2012	11,591	1,230	10,361	402	109	269	46	179	75	10,510
2013	11,852	1,251	10,601	403	97	279	47	180	75	10,771
2014	12,136	1,269	10,866	404	86	289	48	182	75	11,052

Historical Values (1995 - 2004):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2005 - 2014):

Cols. (2) - (4) = forecasted peak without load control, conservation, and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

**SCHEDULE 3.1.3
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
LOW LOAD FORECAST**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1995	7,523	959	6,564	269	503	64	40	106	160	6,381
1996	7,470	828	6,642	309	565	69	41	120	167	6,199
1997	7,786	874	6,912	288	555	78	41	131	170	6,523
1998	8,367	943	7,424	291	438	97	42	142	182	7,175
1999	9,039	1,326	7,713	292	505	113	45	153	183	7,747
2000	8,911	1,319	7,592	277	455	127	48	155	75	7,774
2001	8,841	1,117	7,724	283	414	139	54	156	75	7,720
2002	9,421	1,203	8,218	305	390	153	43	159	75	8,296
2003	8,886	887	7,999	300	347	172	44	164	75	7,785
2004	9,554	1,071	8,483	531	283	188	37	166	75	8,274
2005	9,382	948	8,434	633	258	203	38	167	75	8,007
2006	9,637	993	8,644	420	228	214	39	169	75	8,491
2007	9,889	1,063	8,827	417	202	223	40	171	75	8,761
2008	10,091	1,093	8,998	413	179	232	41	172	75	8,979
2009	10,202	1,063	9,138	409	158	241	42	174	75	9,102
2010	10,518	1,213	9,306	400	140	250	43	176	75	9,435
2011	10,670	1,217	9,452	401	124	259	45	177	75	9,588
2012	10,854	1,230	9,624	402	109	269	46	179	75	9,773
2013	11,043	1,251	9,792	403	97	279	47	180	75	9,962
2014	11,192	1,269	9,922	404	86	289	48	182	75	10,108

Historical Values (1995 - 2004):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2005 - 2014):

Cols. (2) - (4) = forecasted peak without load control, conservation, and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

**SCHEDULE 3.2.1
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
BASE CASE**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1994/95	9,084	1,145	7,939	281	997	101	5	75	131	7,494
1995/96	10,562	1,489	9,073	255	1,156	106	15	95	201	8,734
1996/97	8,486	1,235	7,251	290	917	133	16	104	190	6,836
1997/98	7,752	941	6,811	318	663	164	17	112	168	6,310
1998/99	10,473	1,741	8,732	305	874	196	18	117	187	8,776
1999/00	10,040	1,728	8,312	225	849	229	20	119	182	8,416
2000/01	11,450	1,984	9,466	255	809	254	29	120	194	9,789
2001/02	10,676	1,624	9,052	285	770	278	24	121	188	9,010
2002/03	11,555	1,538	10,017	271	768	313	27	124	200	9,852
2003/04	9,290	1,167	8,123	498	761	343	24	125	218	7,321
2004/05	11,207	1,771	9,436	793	725	371	26	125	252	8,914
2005/06	11,144	1,502	9,642	432	696	405	28	127	255	9,200
2006/07	11,654	1,807	9,847	433	671	429	30	128	259	9,704
2007/08	11,869	1,825	10,045	428	649	453	31	130	262	9,915
2008/09	12,098	1,856	10,242	424	631	479	33	132	266	10,133
2009/10	12,486	2,049	10,438	415	615	506	35	133	269	10,513
2010/11	12,739	2,106	10,633	417	603	534	37	135	272	10,742
2011/12	12,991	2,165	10,826	418	593	566	38	136	276	10,964
2012/13	13,248	2,230	11,018	419	586	597	40	138	279	11,189
2013/14	13,504	2,295	11,209	420	581	628	42	139	282	11,412

Historical Values (1995 - 2004):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2005 - 2014):

Cols. (2) - (4) = forecasted peak without load control, conservation, and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

**SCHEDULE 3.2.2
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
HIGH LOAD FORECAST**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1994/95	9,084	1,145	7,939	281	997	101	5	75	131	7,494
1995/96	10,562	1,489	9,073	255	1,156	106	15	95	201	8,734
1996/97	8,486	1,235	7,251	290	917	133	16	104	190	6,836
1997/98	7,752	941	6,811	318	663	164	17	112	168	6,310
1998/99	10,473	1,741	8,732	305	874	196	18	117	187	8,776
1999/00	10,040	1,728	8,312	225	849	229	20	119	182	8,416
2000/01	11,450	1,984	9,466	255	809	254	29	120	194	9,789
2001/02	10,676	1,624	9,052	285	770	278	24	121	188	9,010
2002/03	11,555	1,538	10,017	271	768	313	27	124	200	9,852
2003/04	9,290	1,167	8,123	498	761	343	24	125	218	7,321
2004/05	11,385	1,771	9,613	793	725	371	26	125	252	9,091
2005/06	11,341	1,502	9,839	432	696	405	28	127	255	9,397
2006/07	11,882	1,807	10,075	433	671	429	30	128	259	9,933
2007/08	12,132	1,825	10,307	428	649	453	31	130	262	10,177
2008/09	12,374	1,856	10,517	424	631	479	33	132	266	10,409
2009/10	12,781	2,049	10,732	415	615	506	35	133	269	10,808
2010/11	13,067	2,106	10,961	417	603	534	37	135	272	11,070
2011/12	13,387	2,165	11,222	418	593	566	38	136	276	11,360
2012/13	13,688	2,230	11,458	419	586	597	40	138	279	11,629
2013/14	14,015	2,295	11,720	420	581	628	42	139	282	11,923

Historical Values (1995 - 2004):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2005 - 2014):

Cols. (2) - (4) = forecasted peak without load control, conservation, and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

SCHEDULE 3.2.3
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
LOW LOAD FORECAST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1994/95	9,084	1,145	7,939	281	997	101	5	75	131	7,494
1995/96	10,562	1,489	9,073	255	1,156	106	15	95	201	8,734
1996/97	8,486	1,235	7,251	290	917	133	16	104	190	6,836
1997/98	7,752	941	6,811	318	663	164	17	112	168	6,310
1998/99	10,473	1,741	8,732	305	874	196	18	117	187	8,776
1999/00	10,040	1,728	8,312	225	849	229	20	119	182	8,416
2000/01	11,450	1,984	9,466	255	809	254	29	120	194	9,789
2001/02	10,676	1,624	9,052	285	770	278	24	121	188	9,010
2002/03	11,555	1,538	10,017	271	768	313	27	124	200	9,852
2003/04	9,290	1,167	8,123	498	761	343	24	125	218	7,321
2004/05	11,027	1,771	9,255	793	725	371	26	125	252	8,733
2005/06	10,960	1,502	9,458	432	696	405	28	127	255	9,016
2006/07	11,442	1,807	9,635	433	671	429	30	128	259	9,493
2007/08	11,646	1,825	9,821	428	649	453	31	130	262	9,691
2008/09	11,829	1,856	9,972	424	631	479	33	132	266	9,864
2009/10	12,183	2,049	10,134	415	615	506	35	133	269	10,210
2010/11	12,379	2,106	10,273	417	603	534	37	135	272	10,382
2011/12	12,604	2,165	10,439	418	593	566	38	136	276	10,577
2012/13	12,832	2,230	10,602	419	586	597	40	138	279	10,773
2013/14	13,021	2,295	10,726	420	581	628	42	139	282	10,929

Historical Values (1995 - 2004):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Residential Heat Works load control, voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2005 - 2014):

Cols. (2) - (4) = forecasted peak without load control, conservation, and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

SCHEDULE 3.1.1
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
BASE CASE

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1996	7,470	828	6,642	309	565	69	41	120	167	6,199
1997	7,786	874	6,912	288	555	78	41	131	170	6,523
1998	8,367	943	7,424	291	438	97	42	142	182	7,175
1999	9,039	1,326	7,713	292	505	113	45	153	183	7,747
2000	8,911	1,319	7,592	277	455	127	48	155	75	7,774
2001	8,841	1,117	7,724	283	414	139	54	156	75	7,720
2002	9,421	1,203	8,218	305	390	153	43	159	75	8,296
2003	8,886	887	7,999	300	347	172	44	164	75	7,785
2004	9,554	1,071	8,483	531	283	188	37	166	75	8,274
2005	10,316	1,118	9,198	393	250	203	38	167	75	9,189
2006	9,915	1,105	8,810	419	228	214	39	169	75	8,771
2007	10,226	1,181	9,044	431	202	223	40	171	75	9,084
2008	10,487	1,223	9,264	437	179	232	41	172	75	9,351
2009	10,676	1,201	9,475	433	158	241	42	174	75	9,553
2010	11,039	1,357	9,681	424	140	250	43	176	75	9,931
2011	11,260	1,372	9,888	425	124	259	45	177	75	10,154
2012	11,487	1,396	10,091	426	109	269	46	179	75	10,383
2013	11,699	1,406	10,293	427	97	279	47	180	75	10,593
2014	11,921	1,429	10,492	428	86	289	48	182	75	10,813
2015	12,139	1,446	10,693	429	76	293	48	183	75	11,036

Historical Values (1996 - 2005):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2006 - 2015):

Cols. (2) - (4) = forecasted peak without load control, conservation, and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

SCHEDULE 3.1.2
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
HIGH LOAD FORECAST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1996	7,470	828	6,642	309	565	69	41	120	167	6,199
1997	7,786	874	6,912	288	555	78	41	131	170	6,523
1998	8,367	943	7,424	291	438	97	42	142	182	7,175
1999	9,039	1,326	7,713	292	505	113	45	153	183	7,747
2000	8,911	1,319	7,592	277	455	127	48	155	75	7,774
2001	8,841	1,117	7,724	283	414	139	54	156	75	7,720
2002	9,421	1,203	8,218	305	390	153	43	159	75	8,296
2003	8,886	887	7,999	300	347	172	44	164	75	7,785
2004	9,554	1,071	8,483	531	283	188	37	166	75	8,274
2005	10,316	1,118	9,198	393	250	203	38	167	75	9,189
2006	10,083	1,105	8,977	419	228	214	39	169	75	8,938
2007	10,413	1,181	9,232	431	202	223	40	171	75	9,271
2008	10,699	1,223	9,476	437	179	232	41	172	75	9,563
2009	10,913	1,201	9,712	433	158	241	42	174	75	9,789
2010	11,294	1,357	9,937	424	140	250	43	176	75	10,187
2011	11,531	1,372	10,159	425	124	259	45	177	75	10,425
2012	11,798	1,396	10,402	426	109	269	46	179	75	10,693
2013	12,059	1,406	10,653	427	97	279	47	180	75	10,954
2014	12,320	1,429	10,891	428	86	289	48	182	75	11,212
2015	12,615	1,446	11,169	429	76	293	48	183	75	11,512

Historical Values (1996 - 2005):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2006 - 2015):

Cols. (2) - (4) = forecasted peak without load control, conservation, and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

**SCHEDULE 3.1.3
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
LOW LOAD FORECAST**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1996	7,470	828	6,642	309	565	69	41	120	167	6,199
1997	7,786	874	6,912	288	555	78	41	131	170	6,523
1998	8,367	943	7,424	291	438	97	42	142	182	7,175
1999	9,039	1,326	7,713	292	505	113	45	153	183	7,747
2000	8,911	1,319	7,592	277	455	127	48	155	75	7,774
2001	8,841	1,117	7,724	283	414	139	54	156	75	7,720
2002	9,421	1,203	8,218	305	390	153	43	159	75	8,296
2003	8,886	887	7,999	300	347	172	44	164	75	7,785
2004	9,554	1,071	8,483	531	283	188	37	166	75	8,274
2005	10,316	1,118	9,198	393	250	203	38	167	75	9,189
2006	9,747	1,105	8,641	419	228	214	39	169	75	8,602
2007	10,056	1,181	8,875	431	202	223	40	171	75	8,914
2008	10,293	1,223	9,070	437	179	232	41	172	75	9,157
2009	10,473	1,201	9,272	433	158	241	42	174	75	9,349
2010	10,788	1,357	9,431	424	140	250	43	176	75	9,681
2011	10,975	1,372	9,603	425	124	259	45	177	75	9,869
2012	11,162	1,396	9,766	426	109	269	46	179	75	10,057
2013	11,332	1,406	9,926	427	97	279	47	180	75	10,227
2014	11,521	1,429	10,092	428	86	289	48	182	75	10,413
2015	11,670	1,446	10,224	429	76	293	48	183	75	10,567

Historical Values (1996 - 2005):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2006 - 2015):

Cols. (2) - (4) = forecasted peak without load control, conservation, and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

**SCHEDULE 3.2.1
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
BASE CASE**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1995/96	10,562	1,489	9,073	255	1,156	106	15	95	201	8,734
1996/97	8,486	1,235	7,251	290	917	133	16	104	190	6,836
1997/98	7,752	941	6,811	318	663	164	17	112	168	6,310
1998/99	10,473	1,741	8,732	305	874	196	18	117	187	8,776
1999/00	10,040	1,728	8,312	225	849	229	20	119	182	8,416
2000/01	11,450	1,984	9,466	255	809	254	29	120	194	9,789
2001/02	10,676	1,624	9,052	285	770	278	24	121	188	9,010
2002/03	11,555	1,538	10,017	271	768	313	27	124	201	9,851
2003/04	9,290	1,167	8,123	498	761	343	24	125	227	7,312
2004/05	10,798	1,602	9,196	350	725	371	26	125	247	8,953
2005/06	10,987	1,413	9,574	430	696	405	28	127	254	9,047
2006/07	11,525	1,740	9,786	426	671	429	30	128	258	9,584
2007/08	11,750	1,734	10,016	444	649	453	31	130	262	9,780
2008/09	12,113	1,894	10,220	440	631	479	33	132	265	10,134
2009/10	12,514	2,088	10,426	432	615	506	35	133	269	10,524
2010/11	12,742	2,112	10,629	434	603	534	37	135	272	10,728
2011/12	13,019	2,191	10,828	435	593	566	38	136	276	10,975
2012/13	13,278	2,253	11,025	436	586	597	40	138	279	11,202
2013/14	13,537	2,314	11,223	437	581	628	42	139	282	11,428
2014/15	13,776	2,358	11,418	438	577	660	42	141	285	11,634

Historical Values (1996 - 2005):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2006 - 2015):

Cols. (2) - (4) = forecasted peak without load control, conservation, and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

**SCHEDULE 3.2.2
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
HIGH LOAD FORECAST**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1995/96	10,562	1,489	9,073	255	1,156	106	15	95	201	8,734
1996/97	8,486	1,235	7,251	290	917	133	16	104	190	6,836
1997/98	7,752	941	6,811	318	663	164	17	112	168	6,310
1998/99	10,473	1,741	8,732	305	874	196	18	117	187	8,776
1999/00	10,040	1,728	8,312	225	849	229	20	119	182	8,416
2000/01	11,450	1,984	9,466	255	809	254	29	120	194	9,789
2001/02	10,676	1,624	9,052	285	770	278	24	121	188	9,010
2002/03	11,555	1,538	10,017	271	768	313	27	124	201	9,851
2003/04	9,290	1,167	8,123	498	761	343	24	125	227	7,312
2004/05	10,798	1,602	9,196	350	725	371	26	125	247	8,953
2005/06	11,167	1,413	9,755	430	696	405	28	127	254	9,227
2006/07	11,725	1,740	9,986	426	671	429	30	128	258	9,784
2007/08	11,975	1,734	10,240	444	649	453	31	130	262	10,004
2008/09	12,364	1,894	10,470	440	631	479	33	132	265	10,384
2009/10	12,785	2,088	10,697	432	615	506	35	133	269	10,795
2010/11	13,026	2,112	10,913	434	603	534	37	135	272	11,012
2011/12	13,345	2,191	11,154	435	593	566	38	136	276	11,301
2012/13	13,656	2,253	11,403	436	586	597	40	138	279	11,580
2013/14	13,954	2,314	11,640	437	581	628	42	139	282	11,845
2014/15	14,272	2,358	11,914	438	577	660	42	141	285	12,130

Historical Values (1996 - 2005):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2006 - 2015):

Cols. (2) - (4) = forecasted peak without load control, conservation, and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

**SCHEDULE 3.2.3
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
LOW LOAD FORECAST**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL	RESIDENTIAL	COMM. / IND.	COMM. / IND.	OTHER	NET FIRM
					LOAD MANAGEMENT	CONSERVATION	LOAD MANAGEMENT	CONSERVATION	DEMAND REDUCTIONS	
1995/96	10,562	1,489	9,073	255	1,156	106	15	95	201	8,734
1996/97	8,486	1,235	7,251	290	917	133	16	104	190	6,836
1997/98	7,752	941	6,811	318	663	164	17	112	168	6,310
1998/99	10,473	1,741	8,732	305	874	196	18	117	187	8,776
1999/00	10,040	1,728	8,312	225	849	229	20	119	182	8,416
2000/01	11,450	1,984	9,466	255	809	254	29	120	194	9,789
2001/02	10,676	1,624	9,052	285	770	278	24	121	188	9,010
2002/03	11,555	1,538	10,017	271	768	313	27	124	201	9,851
2003/04	9,290	1,167	8,123	498	761	343	24	125	227	7,312
2004/05	10,798	1,602	9,196	350	725	371	26	125	247	8,953
2005/06	10,806	1,413	9,394	430	696	405	28	127	254	8,866
2006/07	11,344	1,740	9,605	426	671	429	30	128	258	9,403
2007/08	11,542	1,734	9,807	444	649	453	31	130	262	9,571
2008/09	11,897	1,894	10,003	440	631	479	33	132	265	9,917
2009/10	12,249	2,088	10,161	432	615	506	35	133	269	10,259
2010/11	12,441	2,112	10,328	434	603	534	37	135	272	10,427
2011/12	12,677	2,191	10,486	435	593	566	38	136	276	10,633
2012/13	12,894	2,253	10,641	436	586	597	40	138	279	10,818
2013/14	13,120	2,314	10,806	437	581	628	42	139	282	11,011
2014/15	13,290	2,358	10,932	438	577	660	42	141	285	11,148

Historical Values (1996 - 2005):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2006 - 2015):

Cols. (2) - (4) = forecasted peak without load control, conservation, and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

SCHEDULE 3.1.1
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
BASE CASE

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1997	7,786	874	6,912	288	555	78	41	124	170	6,531
1998	8,367	943	7,424	291	438	97	42	134	182	7,183
1999	9,039	1,326	7,713	292	505	113	45	145	183	7,756
2000	8,902	1,319	7,583	277	455	127	48	146	75	7,774
2001	8,832	1,117	7,715	283	414	139	48	147	75	7,726
2002	9,412	1,203	8,209	305	390	153	43	150	75	8,296
2003	8,877	887	7,990	300	393	172	44	154	75	7,738
2004	9,578	1,071	8,507	531	355	188	39	155	110	8,200
2005	10,345	1,118	9,227	448	343	206	38	158	110	9,041
2006	10,186	1,257	8,929	329	319	226	37	161	110	9,003
2007	10,658	1,321	9,337	449	319	243	43	168	110	9,327
2008	10,927	1,337	9,590	473	332	259	52	177	110	9,525
2009	11,010	1,192	9,818	474	351	275	61	185	110	9,553
2010	11,318	1,269	10,049	479	372	292	70	194	110	9,801
2011	11,569	1,287	10,282	484	393	308	80	203	110	9,992
2012	11,807	1,296	10,511	485	414	325	89	211	110	10,173
2013	12,062	1,320	10,742	486	427	342	98	220	110	10,379
2014	12,437	1,469	10,968	483	438	360	107	229	110	10,711
2015	12,671	1,483	11,188	478	441	367	110	232	110	10,932
2016	12,906	1,499	11,407	477	441	367	110	232	110	11,169

Historical Values (1997 - 2006):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2007 - 2016):

Cols. (2) - (4) = forecasted peak without load control, conservation, and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

SCHEDULE 3.1.2
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
HIGH LOAD FORECAST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1997	7,786	874	6,912	288	555	78	41	124	170	6,531
1998	8,367	943	7,424	291	438	97	42	134	182	7,183
1999	9,039	1,326	7,713	292	505	113	45	145	183	7,756
2000	8,902	1,319	7,583	277	455	127	48	146	75	7,774
2001	8,832	1,117	7,715	283	414	139	48	147	75	7,726
2002	9,412	1,203	8,209	305	390	153	43	150	75	8,296
2003	8,877	887	7,990	300	393	172	44	154	75	7,738
2004	9,578	1,071	8,507	531	355	188	39	155	110	8,200
2005	10,345	1,118	9,227	448	343	206	38	158	110	9,041
2006	10,186	1,257	8,929	329	319	226	37	161	110	9,003
2007	10,801	1,321	9,480	449	319	243	43	168	110	9,470
2008	11,086	1,337	9,748	473	332	259	52	177	110	9,683
2009	11,185	1,192	9,993	474	351	275	61	185	110	9,728
2010	11,513	1,269	10,244	479	372	292	70	194	110	9,996
2011	11,814	1,287	10,527	484	393	308	80	203	110	10,237
2012	12,067	1,296	10,771	485	414	325	89	211	110	10,433
2013	12,369	1,320	11,049	486	427	342	98	220	110	10,686
2014	12,773	1,469	11,304	483	438	360	107	229	110	11,047
2015	13,065	1,483	11,582	478	441	367	110	232	110	11,327
2016	13,338	1,499	11,839	477	441	367	110	232	110	11,601

Historical Values (1997 - 2006):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2007 - 2016):

Cols. (2) - (4) = forecasted peak without load control, conservation, and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

**SCHEDULE 3.1.3
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
LOW LOAD FORECAST**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1997	7,786	874	6,912	288	555	78	41	124	170	6,531
1998	8,367	943	7,424	291	438	97	42	134	182	7,183
1999	9,039	1,326	7,713	292	505	113	45	145	183	7,756
2000	8,902	1,319	7,583	277	455	127	48	146	75	7,774
2001	8,832	1,117	7,715	283	414	139	48	147	75	7,726
2002	9,412	1,203	8,209	305	390	153	43	150	75	8,296
2003	8,877	887	7,990	300	393	172	44	154	75	7,738
2004	9,578	1,071	8,507	531	355	188	39	155	110	8,200
2005	10,345	1,118	9,227	448	343	206	38	158	110	9,041
2006	10,186	1,257	8,929	329	319	226	37	161	110	9,003
2007	10,524	1,321	9,203	449	319	243	43	168	110	9,193
2008	10,776	1,337	9,438	473	332	259	52	177	110	9,373
2009	10,849	1,192	9,657	474	351	275	61	185	110	9,392
2010	11,122	1,269	9,853	479	372	292	70	194	110	9,605
2011	11,350	1,287	10,063	484	393	308	80	203	110	9,773
2012	11,548	1,296	10,252	485	414	325	89	211	110	9,914
2013	11,778	1,320	10,458	486	427	342	98	220	110	10,095
2014	12,106	1,469	10,637	483	438	360	107	229	110	10,380
2015	12,305	1,483	10,822	478	441	367	110	232	110	10,567
2016	12,513	1,499	11,014	477	441	367	110	232	110	10,776

Historical Values (1997 - 2006):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2007 - 2016):

Cols. (2) - (4) = forecasted peak without load control, conservation, and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

**SCHEDULE 3.2.1
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
BASE CASE**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1996/97	8,486	1,235	7,251	290	917	133	16	98	190	6,842
1997/98	7,752	941	6,811	318	663	164	17	106	168	6,317
1998/99	10,473	1,741	8,732	305	874	196	18	110	187	8,783
1999/00	10,033	1,728	8,305	225	849	229	20	112	182	8,416
2000/01	11,443	1,984	9,459	255	826	254	23	113	187	9,785
2001/02	10,669	1,624	9,045	285	819	278	24	114	188	8,960
2002/03	11,548	1,538	10,010	271	793	313	27	117	198	9,828
2003/04	9,317	1,167	8,150	498	786	343	26	117	261	7,287
2004/05	10,824	1,600	9,224	575	777	371	26	117	282	8,676
2005/06	10,736	1,467	9,269	298	769	413	26	118	281	8,830
2006/07	11,728	1,711	10,017	366	760	454	27	120	296	9,705
2007/08	12,132	1,789	10,343	452	777	495	37	126	302	9,943
2008/09	12,302	1,727	10,575	453	793	538	47	133	305	10,034
2009/10	12,817	2,012	10,805	454	811	580	57	139	309	10,468
2010/11	13,126	2,082	11,044	464	829	623	67	146	313	10,685
2011/12	13,516	2,241	11,275	465	846	666	76	152	316	10,994
2012/13	13,885	2,377	11,508	466	864	710	86	158	320	11,280
2013/14	14,197	2,456	11,741	467	882	754	96	165	324	11,509
2014/15	14,513	2,548	11,965	461	899	798	105	171	327	11,751
2015/16	14,827	2,639	12,187	456	899	798	105	171	332	12,064
2016/17	15,139	2,729	12,410	457	899	798	105	171	336	12,372

Historical Values (1997 - 2006):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2007 - 2016):

Cols. (2) - (4) forecasted peak without load control and conservation.

Cols. (5) - (9) = Represent cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

**SCHEDULE 3.2.2
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
HIGH LOAD FORECAST**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1996/97	8,486	1,235	7,251	290	917	133	16	98	190	6,842
1997/98	7,752	941	6,811	318	663	164	17	106	168	6,317
1998/99	10,473	1,741	8,732	305	874	196	18	110	187	8,783
1999/00	10,033	1,728	8,305	225	849	229	20	112	182	8,416
2000/01	11,443	1,984	9,459	255	826	254	23	113	187	9,785
2001/02	10,669	1,624	9,045	285	819	278	24	114	188	8,960
2002/03	11,548	1,538	10,010	271	793	313	27	117	198	9,828
2003/04	9,317	1,167	8,150	498	786	343	26	117	261	7,287
2004/05	10,824	1,600	9,224	575	777	371	26	117	282	8,676
2005/06	10,736	1,467	9,269	298	769	413	26	118	281	8,830
2006/07	11,880	1,711	10,169	366	760	454	27	120	296	9,857
2007/08	12,300	1,789	10,510	452	777	495	37	126	302	10,111
2008/09	12,487	1,727	10,761	453	793	538	47	133	305	10,219
2009/10	13,022	2,012	11,010	454	811	580	57	139	309	10,672
2010/11	13,383	2,082	11,302	464	829	623	67	146	313	10,943
2011/12	13,788	2,241	11,548	465	846	666	76	152	316	11,266
2012/13	14,207	2,377	11,831	466	864	710	86	158	320	11,603
2013/14	14,548	2,456	12,092	467	882	754	96	165	324	11,860
2014/15	14,923	2,548	12,376	461	899	798	105	171	327	12,161
2015/16	15,275	2,639	12,636	456	899	798	105	171	332	12,513
2016/17	15,643	2,729	12,915	457	899	798	105	171	336	12,876

Historical Values (1997 - 2006):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2007 - 2016):

Cols. (2) - (4) forecasted peak without load control and conservation.

Cols. (5) - (9) = Represent cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

SCHEDULE 3.2.3
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
LOW LOAD FORECAST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	COMM. / IND. LOAD MANAGEMENT	COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
1996/97	8,486	1,235	7,251	290	917	133	16	98	190	6,842
1997/98	7,752	941	6,811	318	663	164	17	106	168	6,317
1998/99	10,473	1,741	8,732	305	874	196	18	110	187	8,783
1999/00	10,033	1,728	8,305	225	849	229	20	112	182	8,416
2000/01	11,443	1,984	9,459	255	826	254	23	113	187	9,785
2001/02	10,669	1,624	9,045	285	819	278	24	114	188	8,960
2002/03	11,548	1,538	10,010	271	793	313	27	117	198	9,828
2003/04	9,317	1,167	8,150	498	786	343	26	117	261	7,287
2004/05	10,824	1,600	9,224	575	777	371	26	117	282	8,676
2005/06	10,736	1,467	9,269	298	769	413	26	118	281	8,830
2006/07	11,586	1,711	9,875	366	760	454	27	120	296	9,563
2007/08	11,971	1,789	10,181	452	777	495	37	126	302	9,782
2008/09	12,132	1,727	10,406	453	793	538	47	133	305	9,864
2009/10	12,609	2,012	10,597	454	811	580	57	139	309	10,259
2010/11	12,894	2,082	10,813	464	829	623	67	146	313	10,454
2011/12	13,244	2,241	11,004	465	846	666	76	152	316	10,722
2012/13	13,588	2,377	11,212	466	864	710	86	158	320	10,984
2013/14	13,853	2,456	11,397	467	882	754	96	165	324	11,165
2014/15	14,134	2,548	11,587	461	899	798	105	171	327	11,372
2015/16	14,418	2,639	11,779	456	899	798	105	171	332	11,656
2016/17	14,687	2,729	11,959	457	899	798	105	171	336	11,920

Historical Values (1997 - 2006):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2007 - 2016):

Cols. (2) - (4) forecasted peak without load control and conservation.

Cols. (5) - (9) = Represent cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

**SCHEDULE 3.1.1
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
BASE CASE**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL	RESIDENTIAL	COMM. / IND.	COMM. / IND.	OTHER	NET FIRM DEMAND
					LOAD MANAGEMENT	CONSERVATION	LOAD MANAGEMENT	CONSERVATION	DEMAND REDUCTIONS	
1998	8,367	943	7,424	291	438	100	42	151	182	7,163
1999	9,039	1,326	7,713	292	505	115	45	156	183	7,743
2000	8,916	1,319	7,597	277	455	129	48	158	75	7,774
2001	8,847	1,117	7,730	283	414	142	48	159	75	7,726
2002	9,426	1,203	8,223	305	390	156	43	161	75	8,296
2003	8,886	887	7,999	300	354	172	44	164	75	7,778
2004	9,589	1071	8,518	531	320	188	39	166	110	8,235
2005	10,356	1118	9,238	448	309	206	38	169	110	9,076
2006	10,153	1257	8,896	329	292	226	37	172	66	9,031
2007	10,938	1544	9,394	290	294	243	43	179	110	9,778
2008	10,647	1,343	9,304	305	308	259	52	189	110	9,424
2009	10,742	1,191	9,551	306	326	275	61	198	125	9,451
2010	11,026	1,265	9,762	297	347	292	70	207	125	9,689
2011	11,272	1,282	9,990	302	368	308	79	217	125	9,873
2012	11,659	1,439	10,220	310	389	325	89	226	125	10,195
2013	11,912	1,464	10,449	316	403	342	98	235	125	10,393
2014	12,132	1,463	10,670	316	413	360	107	244	125	10,568
2015	12,361	1,475	10,886	316	417	367	112	248	125	10,776
2016	12,578	1,491	11,087	317	424	380	115	256	125	10,961
2017	12,797	1,510	11,287	318	429	393	119	263	125	11,150

Historical Values (1998 - 2007):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2008 - 2017):

Cols. (2) - (4) = forecasted peak without load control, conservation, and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

**SCHEDULE 3.1.2
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
HIGH LOAD FORECAST**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	RESIDENTIAL		COMM. / IND.		OTHER DEMAND REDUCTIONS	NET FIRM DEMAND	
				LOAD	MANAGEMENT	RESIDENTIAL CONSERVATION	LOAD MANAGEMENT			
1998	8,367	943	7,424	291	438	100	42	151	182	7,163
1999	9,039	1,326	7,713	292	505	115	45	156	183	7,743
2000	8,916	1,319	7,597	277	455	129	48	158	75	7,774
2001	8,847	1,117	7,730	283	414	142	48	159	75	7,726
2002	9,426	1,203	8,223	305	390	156	43	161	75	8,296
2003	8,886	887	7,999	300	354	172	44	164	75	7,778
2004	9,589	1,071	8,518	531	320	188	39	166	110	8,235
2005	10,356	1,118	9,238	448	309	206	38	169	110	9,076
2006	10,153	1,257	8,896	329	292	226	37	172	66	9,031
2007	10,938	1,544	9,394	290	294	243	43	179	110	9,778
2008	10,780	1,343	9,437	305	308	259	52	189	110	9,557
2009	10,894	1,191	9,703	306	326	275	61	198	125	9,603
2010	11,206	1,265	9,941	297	347	292	70	207	125	9,868
2011	11,468	1,282	10,186	302	368	308	79	217	125	10,069
2012	11,890	1,439	10,451	310	389	325	89	226	125	10,426
2013	12,163	1,464	10,699	316	403	342	98	235	125	10,644
2014	12,416	1,463	10,953	316	413	360	107	244	125	10,851
2015	12,696	1,475	11,221	316	417	367	112	248	125	11,111
2016	12,951	1,491	11,460	317	424	380	115	256	125	11,334
2017	13,220	1,510	11,710	318	429	393	119	263	125	11,573

Historical Values (1998 - 2007):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) =Customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2008 - 2017):

Cols. (2) - (4) = forecasted peak without load control, conservation, and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

**SCHEDULE 3.1.3
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
LOW LOAD FORECAST**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL	RESIDENTIAL	COMM. / IND.	COMM / IND	OTHER	NET FIRM DEMAND
					LOAD MANAGEMENT	CONSERVATION	LOAD MANAGEMENT	CONSERVATION	DEMAND REDUCTIONS	
1998	8,367	943	7,424	291	438	100	42	151	182	7,163
1999	9,039	1,326	7,713	292	505	115	45	156	183	7,743
2000	8,916	1,319	7,597	277	455	129	48	158	75	7,774
2001	8,847	1,117	7,730	283	414	142	48	159	75	7,726
2002	9,426	1,203	8,223	305	390	156	43	161	75	8,296
2003	8,886	887	7,999	300	354	172	44	164	75	7,778
2004	9,589	1,071	8,518	531	320	188	39	166	110	8,235
2005	10,356	1,118	9,238	448	309	206	38	169	110	9,076
2006	10,153	1,257	8,896	329	292	226	37	172	66	9,031
2007	10,938	1,544	9,394	290	294	243	43	179	110	9,778
2008	10,512	1,343	9,169	305	308	259	52	189	110	9,289
2009	10,598	1,191	9,407	306	326	275	61	198	125	9,307
2010	10,867	1,265	9,602	297	347	292	70	207	125	9,529
2011	11,082	1,282	9,800	302	368	308	79	217	125	9,683
2012	11,440	1,439	10,001	310	389	325	89	226	125	9,976
2013	11,657	1,464	10,193	316	403	342	98	235	125	10,138
2014	11,841	1,463	10,378	316	413	360	107	244	125	10,276
2015	12,027	1,475	10,552	316	417	367	112	248	125	10,442
2016	12,208	1,491	10,717	317	424	380	115	256	125	10,591
2017	12,366	1,510	10,856	318	429	393	119	263	125	10,719

Historical Values (1998 - 2007):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2008 - 2017):

Cols. (2) - (4) = forecasted peak without load control, conservation, and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

SCHEDULE 3.2.1
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
BASE CASE

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL	RESIDENTIAL	COMM. / IND.	COMM. / IND.	OTHER	NET FIRM DEMAND
					LOAD	CONSERVATION	LOAD	CONSERVATION	DEMAND REDUCTIONS	
1997/98	7,752	941	6,811	318	663	166	17	114	168	6,306
1998/99	10,473	1,741	8,732	305	874	200	18	119	187	8,770
1999/00	10,047	1,728	8,319	225	849	234	20	121	182	8,416
2000/01	11,458	1,984	9,474	255	826	259	23	123	187	9,785
2001/02	10,685	1,624	9,061	285	819	285	24	123	188	8,961
2002/03	11,555	1,538	10,017	271	793	313	27	124	198	9,829
2003/04	9,325	1,167	8,158	498	786	343	26	125	262	7,286
2004/05	10,833	1,600	9,233	575	777	371	26	125	282	8,676
2005/06	10,700	1,467	9,233	298	768	413	26	126	239	8,830
2006/07	9,899	1,576	8,323	248	758	454	27	128	262	8,022
2007/08	12,125	2,035	10,090	312	774	495	37	135	297	10,075
2008/09	12,002	1,715	10,288	305	791	538	47	142	299	9,881
2009/10	12,515	1,999	10,516	292	809	580	57	149	318	10,311
2010/11	12,819	2,073	10,747	302	827	623	67	155	321	10,524
2011/12	13,351	2,382	10,969	304	844	666	76	162	325	10,974
2012/13	13,721	2,518	11,203	316	862	710	86	169	328	11,250
2013/14	13,873	2,448	11,425	317	880	754	96	176	332	11,318
2014/15	14,182	2,538	11,644	315	897	798	105	183	335	11,549
2015/16	14,484	2,628	11,855	316	906	837	110	189	339	11,786
2016/17	14,771	2,716	12,054	317	914	876	115	195	342	12,011
2017/18	15,059	2,807	12,253	318	921	913	118	201	345	12,242

Historical Values (1998 - 2007):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2008 - 2018):

Cols. (2) - (4) forecasted peak without load control and conservation.

Cols. (5) - (9) = Represent cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

SCHEDULE 3.2.2
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
HIGH LOAD FORECAST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL		COMM. / IND.		OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
					LOAD MANAGEMENT	RESIDENTIAL CONSERVATION	LOAD MANAGEMENT	CONSERVATION		
1997/98	7,752	941	6,811	318	663	166	17	114	168	6,306
1998/99	10,473	1,741	8,732	305	874	200	18	119	187	8,770
1999/00	10,047	1,728	8,319	225	849	234	20	121	182	8,416
2000/01	11,458	1,984	9,474	255	826	259	23	123	187	9,785
2001/02	10,685	1,624	9,061	285	819	285	24	123	188	8,961
2002/03	11,555	1,538	10,017	271	793	313	27	124	198	9,829
2003/04	9,325	1,167	8,158	498	786	343	26	125	262	7,286
2004/05	10,833	1,600	9,233	575	777	371	26	125	282	8,676
2005/06	10,700	1,467	9,233	298	768	413	26	126	239	8,830
2006/07	9,899	1,576	8,323	248	758	454	27	128	262	8,022
2007/08	12,267	2,035	10,232	312	774	495	37	135	297	10,217
2008/09	12,165	1,715	10,451	305	791	538	47	142	299	10,044
2009/10	12,704	1,999	10,704	292	809	580	57	149	318	10,499
2010/11	13,026	2,073	10,954	302	827	623	67	155	321	10,731
2011/12	13,593	2,382	11,210	304	844	666	76	162	325	11,215
2012/13	13,982	2,518	11,464	316	862	710	86	169	328	11,511
2013/14	14,168	2,448	11,720	317	880	754	96	176	332	11,613
2014/15	14,530	2,538	11,992	315	897	798	105	183	335	11,897
2015/16	14,870	2,628	12,242	316	906	837	110	189	339	12,173
2016/17	15,208	2,716	12,492	317	914	876	115	195	342	12,449
2016/17	15,568	2,807	12,761	318	921	913	118	201	345	12,751

Historical Values (1998 - 2007):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2008 - 2018):

Cols. (2) - (4) forecasted peak without load control and conservation.

Cols. (5) - (9) = Represent cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

**SCHEDULE 3.2.3
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
LOW LOAD FORECAST**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL	RESIDENTIAL	COMM. / IND.	COMM. / IND.	OTHER	NET FIRM DEMAND
					LOAD MANAGEMENT	CONSERVATION	LOAD MANAGEMENT	CONSERVATION	DEMAND REDUCTIONS	
1997/98	7,752	941	6,811	318	663	166	17	114	168	6,306
1998/99	10,473	1,741	8,732	305	874	200	18	119	187	8,770
1999/00	10,047	1,728	8,319	225	849	234	20	121	182	8,416
2000/01	11,458	1,984	9,474	255	826	259	23	123	187	9,785
2001/02	10,685	1,624	9,061	285	819	285	24	123	188	8,961
2002/03	11,555	1,538	10,017	271	793	313	27	124	198	9,829
2003/04	9,325	1,167	8,158	498	786	343	26	125	262	7,286
2004/05	10,833	1,600	9,233	575	777	371	26	125	282	8,676
2005/06	10,700	1,467	9,233	298	768	413	26	126	239	8,830
2006/07	9,899	1,576	8,323	248	758	454	27	128	262	8,022
2007/08	11,981	2,035	9,946	312	774	495	37	135	297	9,931
2008/09	11,851	1,715	10,137	305	791	538	47	142	299	9,730
2009/10	12,346	1,999	10,346	292	809	580	57	149	318	10,141
2010/11	12,620	2,073	10,548	302	827	623	67	155	321	10,325
2011/12	13,121	2,382	10,738	304	844	666	76	162	325	10,743
2012/13	13,454	2,518	10,936	316	862	710	86	169	328	10,983
2013/14	13,568	2,448	11,120	317	880	754	96	176	332	11,013
2014/15	13,835	2,538	11,297	315	897	798	105	183	335	11,202
2015/16	14,099	2,628	11,471	316	906	837	110	189	339	11,402
2016/17	14,326	2,716	11,610	317	914	876	115	195	342	11,567

Historical Values (1998 - 2007):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2008 - 2018):

Cols. (2) - (4) forecasted peak without load control and conservation.

Cols. (5) - (9) = Represent cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

**SCHEDULE 3.1
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
BASE CASE**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	RESIDENTIAL		COMM. / IND.		COMM. / IND.	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
				LOAD	RESIDENTIAL MANAGEMENT CONSERVATION	LOAD	COMM. / IND. CONSERVATION			
1999	9,039	1,326	7,713	292	505	115	45	156	183	7,743
2000	8,916	1,319	7,597	277	455	129	48	158	75	7,774
2001	8,847	1,117	7,730	283	418	142	48	159	75	7,722
2002	9,426	1,203	8,223	305	392	156	43	161	75	8,294
2003	8,886	887	7,999	300	355	172	44	164	75	7,776
2004	9,589	1,071	8,518	531	331	188	39	166	110	8,224
2005	10,356	1,118	9,238	448	310	206	38	169	110	9,074
2006	10,153	1,257	8,896	329	307	226	37	172	66	9,016
2007	10,937	1,544	9,393	334	291	243	45	179	110	9,735
2008	10,593	1,512	9,081	500	284	259	76	189	110	9,176
2009	10,825	1,611	9,214	304	294	275	104	198	110	9,540
2010	10,844	1,534	9,310	302	311	291	117	207	125	9,490
2011	11,008	1,522	9,486	324	330	308	126	216	125	9,578
2012	11,388	1,691	9,697	343	350	325	136	226	125	9,885
2013	11,685	1,716	9,969	395	369	342	145	235	125	10,075
2014	11,728	1,535	10,193	396	386	359	154	244	125	10,063
2015	11,965	1,558	10,406	391	402	366	157	248	125	10,275
2016	12,160	1,587	10,573	352	413	380	156	256	125	10,478
2017	12,383	1,611	10,771	353	421	393	156	263	125	10,672
2018	12,600	1,638	10,962	354	428	405	156	269	125	10,864

Historical Values (1999 - 2008):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2009 - 2018):

Cols. (2) - (4) = forecasted peak without load control, conservation, and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = customer-owned self-service cogeneration.

Col (10) - (2) - (5) - (6) - (7) - (8) - (9) - (OTH)

PROGRESS ENERGY FLORIDA

**SCHEDULE 3.2
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
BASE CASE**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL	RESIDENTIAL	COMM. / IND.	COMM. / IND.	OTHER	NET FIRM DEMAND
					LOAD MANAGEMENT	CONSERVATION	LOAD MANAGEMENT	CONSERVATION	DEMAND REDUCTIONS	
1998/99	10,473	1,741	8,732	305	874	200	18	119	187	8,770
1999/00	10,047	1,728	8,319	225	849	234	20	121	182	8,416
2000/01	11,458	1,984	9,474	255	829	259	23	123	185	9,785
2001/02	10,685	1,624	9,061	285	822	285	24	123	188	8,958
2002/03	11,555	1,538	10,017	271	795	313	27	124	198	9,826
2003/04	9,325	1,167	8,158	498	788	343	26	125	262	7,284
2004/05	10,833	1,600	9,233	575	779	371	26	125	283	8,673
2005/06	10,700	1,467	9,233	298	762	413	26	126	239	8,835
2006/07	9,899	1,576	8,323	304	671	454	26	128	262	8,055
2007/08	10,967	1,828	9,139	234	763	487	43	135	278	9,027
2008/09	12,108	2,017	10,091	303	770	530	81	141	296	9,987
2009/10	12,246	2,100	10,146	302	787	572	103	148	311	10,022
2010/11	12,457	2,177	10,280	324	805	615	113	155	312	10,133
2011/12	12,895	2,428	10,467	343	822	658	123	162	315	10,472
2012/13	13,285	2,564	10,721	394	840	702	133	169	319	10,728
2013/14	13,254	2,313	10,941	396	858	746	143	176	322	10,613
2014/15	13,553	2,399	11,154	391	875	790	152	183	326	10,836
2015/16	13,810	2,487	11,323	352	893	829	152	189	328	11,067
2016/17	14,096	2,573	11,523	353	900	868	152	195	331	11,297
2017/18	14,372	2,658	11,714	354	907	905	152	201	334	11,518
2018/19	14,643	2,745	11,898	355	912	942	152	207	337	11,738

Historical Values (1999 - 2008):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.
 Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.
 Col. (OTH) = Voltage reduction and customer-owned self-service cogeneration.
 Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2009 - 2019):

Cols. (2) - (4) forecasted peak without load control and conservation.
 Cols. (5) - (9) = Represent cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.
 Col. (OTH) = Voltage reduction and customer-owned self-service cogeneration.
 Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

**SCHEDULE 3.1
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
BASE CASE**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	RESIDENTIAL		COMM. / IND.		COMM. / IND. CONSERVATION	OTHER DEMAND REDUCTIONS	NET FIRM DEMAND
				LOAD	RESIDENTIAL MANAGEMENT	LOAD	MANAGEMENT CONSERVATION			
2000	8,916	1,319	7,597	277	455	129	48	158	75	7,774
2001	8,847	1,117	7,730	283	418	142	48	159	75	7,722
2002	9,426	1,203	8,223	305	392	156	43	161	75	8,294
2003	8,886	887	7,999	300	355	172	44	164	75	7,776
2004	9,578	1,071	8,507	531	331	188	39	155	110	8,224
2005	10,345	1,118	9,227	448	310	206	38	158	110	9,074
2006	10,142	1,257	8,885	329	307	226	37	161	66	9,016
2007	10,926	1,544	9,382	334	291	243	45	168	110	9,735
2008	10,588	1,512	9,076	500	284	260	71	182	110	9,181
2009	10,866	1,618	9,248	262	293	277	97	212	109	9,616
2010	10,400	1,287	9,113	263	301	346	114	219	120	9,037
2011	10,337	1,110	9,227	269	310	419	150	227	120	8,842
2012	10,695	1,279	9,416	310	318	498	172	236	120	9,041
2013	10,972	1,302	9,670	377	327	581	195	245	120	9,126
2014	10,959	1,093	9,866	378	335	669	215	255	120	8,987
2015	11,157	1,099	10,058	372	344	768	236	265	120	9,052
2016	11,418	1,205	10,213	335	363	861	268	276	120	9,195
2017	11,661	1,259	10,402	336	383	954	308	286	120	9,274
2018	11,902	1,315	10,587	337	403	1,035	329	295	120	9,383
2019	12,392	1,621	10,771	338	411	1,110	347	303	120	9,763

Historical Values (2000 - 2009):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2010 - 2019):

Cols. (2) - (4) = forecasted peak without load control, conservation, and customer-owned self-service cogeneration.

Cols. (5) - (9) = cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

PROGRESS ENERGY FLORIDA

SCHEDULE 3.2
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
BASE CASE

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(OTH)	(10)
YEAR	TOTAL	WHOLESALE	RETAIL	INTERRUPTIBLE	RESIDENTIAL	RESIDENTIAL	COMM. / IND.	COMM. / IND.	OTHER	NET FIRM
					LOAD	CONSERVATION	LOAD	CONSERVATION	DEMAND	
					MANAGEMENT		MANAGEMENT		REDUCTIONS	DEMAND
1999/00	10,047	1,728	8,319	225	849	234	20	121	182	8,416
2000/01	11,458	1,984	9,474	255	829	259	23	123	185	9,785
2001/02	10,685	1,624	9,061	285	822	285	24	123	188	8,958
2002/03	11,555	1,538	10,017	271	795	313	27	124	191	9,833
2003/04	9,317	1,167	8,150	498	788	343	26	117	262	7,284
2004/05	10,824	1,600	9,224	575	779	371	26	117	283	8,673
2005/06	10,692	1,467	9,225	298	762	413	26	118	239	8,835
2006/07	9,891	1,576	8,315	304	671	454	26	120	262	8,055
2007/08	10,958	1,828	9,130	234	763	487	43	126	278	9,027
2008/09	12,097	2,228	9,869	268	643	520	75	149	290	10,152
2009/10	11,811	1,850	9,961	273	662	580	102	150	291	9,753
2010/11	11,793	1,773	10,020	269	685	644	134	151	302	9,608
2011/12	12,203	2,019	10,184	310	707	713	148	152	303	9,870
2012/13	12,566	2,153	10,413	377	729	786	165	153	307	10,050
2013/14	12,255	1,655	10,600	378	752	862	180	154	309	9,620
2014/15	12,444	1,659	10,785	372	771	948	194	155	311	9,693
2015/16	12,602	1,664	10,938	335	805	1,030	218	157	312	9,746
2016/17	12,892	1,769	11,123	336	839	1,111	252	158	314	9,883
2017/18	13,129	1,824	11,305	337	873	1,181	267	159	316	9,996
2018/19	13,364	1,880	11,484	338	886	1,247	281	160	319	10,133

Historical Values (2000 - 2009):

Col. (2) = recorded peak + implemented load control + residential and commercial/industrial conservation and customer-owned self-service cogeneration.

Cols. (5) - (9) = Represent total cumulative capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).

Projected Values (2010 - 2019):

Cols. (2) - (4) forecasted peak without load control and conservation.

Cols. (5) - (9) = Represent cumulative conservation and load control capabilities at peak. Col. (8) includes commercial load management and standby generation.

Col. (OTH) = Voltage reduction and customer-owned self-service cogeneration.

Col. (10) = (2) - (5) - (6) - (7) - (8) - (9) - (OTH).