

Form EIA-411 for 2007
 Released: February 2009
 Next Update: October 2009

SUMMER

**Table 5a. Summer (FRCC) Historical and Projected Demand and Capacity, Calendar Year 2007
 (Megawatts)**

<i>Region</i>	<i>FRCC</i>
<i>Subregion</i>	
<i>Country</i>	<i>U</i>

SUMMER		Actual			
Line#	DESCRIPTION	2007	2008	2009	2010
1	Unrestricted Non-coincident Peak Demand (Starting Point) = 2+1a+1b-1c-1d	46,676	47,364	48,181	49,093
1a	New Conservation (Energy Efficiency)	-	-	-	-
1b	Estimated Diversity	-	-	-	-
1c	Additions for non-member load (load served by non-registered LSE's in a region)	-	-	-	-
1d	Stand-by Load Under Contract (Normally served by behind the meter generation)	-	-	-	-
2	Total Internal Demand	46,676	47,364	48,181	49,093
2a	Direct Control Load Management	133	2,256	2,346	2,428
2b	Contractually Interruptible (Curtable)	109	691	694	685
2c	Critical Peak-Pricing (CPP) with Control	-	-	-	-
2d	Load as a Capacity Resource	-	-	-	-
3	Net Internal Demand = 2-2a-2b-2c-2d	46,434	44,417	45,141	45,980
4	Demand Response Used for Ancillary Services (Data entered in line 4 and lines 4a through 4d will not be used to adjust net internal demand although some of these resources may make up a portion of lines 2a through 2c.) = 4a+4b+4c+4d	-	-	-	-
4a	Spinning Reserves	-	-	-	-
4b	Non-Spinning Reserves	-	-	-	-
4c	Regulation	-	-	-	-
4d	Emergency	-	-	-	-

5	TOTAL INTERNAL CAPACITY = 6+7	51,359	52,158	54,412	56,281
6	EXISTING CAPACITY = 6a+6b	51,359	51,682	51,842	51,896
6a	Certain (Note: The sum of 6a1 through 6a4 may not equal 6a and must be <= 6a)	50,629	50,629	50,629	50,629
6a1	Wind Expected On-Peak		-	-	-
6a2	Solar Expected On-Peak		-	-	-
6a3	Hydro Expected On-Peak	55	55	55	55
6a4	Biomass Expected On-Peak	462	462	462	462
6b	Uncertain (Note: The sum of 6b1 through 6b6 may not equal 6b and must be <= 6b)	730	1,054	1,214	1,267
6b1	Wind Derate On-Peak	-	-	-	-
6b2	Solar Derate On-Peak	-	-	-	-
6b3	Hydro Derate On-Peak	-	-	-	-
6b4	Biomass Derate On-Peak	-	-	-	-
6b5	Energy Only	567	996	1,105	1,159
6b6	Inoperable	163	58	109	109
7	PLANNED AND PROPOSED CAPACITY ADDITIONS = 7a+7b		476	2,570	4,385
7a	Planned (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are informational and may not total 7a.)		476	2,570	4,385
7a1	Wind Expected On-Peak			-	-
7a2	Wind Derate On-Peak			-	-
7a3	Solar Expected On-Peak			-	-
7a4	Solar Derate On-Peak			-	-
7a5	Hydro Expected On-Peak		-	-	-
7a6	Hydro Derate On-Peak			-	-
7a7	Biomass Expected On-Peak		11	20	(11)
7a8	Biomass Derate On-Peak			-	-
7a9	Energy Only			-	-
7b	Proposed (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are informational and may not total 7b.)		-	-	-
7b1	Wind Expected On-Peak		-	-	-
7b2	Wind Derate On-Peak		-	-	-
7b3	Solar Expected On-Peak		-	-	-

7b4	Solar Derate On-Peak		-	-	-
7b5	Hydro Expected On-Peak		-	-	-
7b6	Hydro Derate On-Peak		-	-	-
7b7	Biomass Expected On-Peak		-	-	-
7b8	Biomass Derate On-Peak		-	-	-
7b9	Energy Only		-	-	-
8	Transmission-Limited Resources	-	-	-	-
9	DELIVERABLE INTERNAL CAPACITY = 6a + 7a	50,629	51,105	53,199	55,014
10	CAPACITY PURCHASES AND INCOMING ADJUSTMENTS = 10a+10b+10c+10d	2,398	2,448	2,423	2,188
10a	Firm	2,398	2,448	2,423	2,188
10b	Non-firm	-	-	-	-
10c	Expected - no contract executed, but in negotiation, projected, or other.	-	-	-	-
10d	Provisional – transactions under study, but negotiations have not begun.	-	-	-	-
11	CAPACITY SALES AND OUTGOING ADJUSTMENTS = 11a+11b+11c+11d		-	-	-
11a	Firm	-	-	-	-
11b	Non-firm	-	-	-	-
11c	Expected - no contract executed, but in negotiation, projected, or other.	-	-	-	-
11d	Provisional – transactions under study, but negotiations have not begun.	-	-	-	-
12	NET CAPACITY RESOURCES = 9+10a+10c-11a-11c	53,027	53,553	55,622	57,202

Projected						
2011	2012	2013	2014	2015	2016	2017
50,284	51,499	52,645	53,641	54,862	56,100	57,346
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
50,284	51,499	52,645	53,641	54,862	56,100	57,346
2,509	2,590	2,664	2,735	2,796	2,854	2,907
690	697	704	704	704	704	706
-	-	-	-	-	-	-
-	-	-	-	-	-	-
47,085	48,212	49,277	50,202	51,362	52,542	53,733
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
57,049	57,791	59,505	60,716	60,982	64,679	66,588
2,263	2,188	2,188	2,188	2,188	1,187	846
2,263	2,188	2,188	2,188	2,188	1,187	846
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
59,312	59,979	61,693	62,904	63,170	65,866	67,434

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SUMMER

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**Table 5b. Summer (MRO) Historical and Projected Demand and Capacity, Calendar Year 2007
(Megawatts)**

<i>Region</i>	<i>MRO</i>
<i>Subregion</i>	
<i>Country</i>	<i>U</i>

SUMMER		Actual			
Line#	DESCRIPTION	2007	2008	2009	2010
1	Unrestricted Non-coincident Peak Demand (Starting Point) = 2+1a+1b	41,638	44,079	45,480	46,537
1a	New Conservation (Energy Efficiency)		49	94	171
1b	Estimated Diversity	2	165	170	172
1c	Additions for non-member load (load served by non-registered LSE's	247	246	242	242
1d	Stand-by Load Under Contract (Normally served by behind the meter	11	11	11	11
2	Total Internal Demand	41,895	44,123	45,470	46,447
2a	Direct Control Load Management	1,192	1,621	1,689	1,750
2b	Contractually Interruptible (Curtailable)	454	1,242	1,223	1,189
2c	Critical Peak-Pricing (CPP) with Control	-	-	-	-
2d	Load as a Capacity Resource	-	-	-	-
3	Net Internal Demand = 2-2a-2b-2c-2d	40,249	41,260	42,558	43,508
4	Demand Response Used for Ancillary Services (Data entered in line 4 and lines 4a through 4d will not be used to adjust net internal demand although some of these resources may make up a portion of lines 2a through 2c.) = 4a+4b+4c+4d	365	348	358	345
4a	Spinning Reserves	25	25	25	25
4b	Non-Spinning Reserves	63	64	65	67
4c	Regulation	25	25	25	25
4d	Emergency	252	234	243	228
5	TOTAL INTERNAL CAPACITY = 6+7	47,819	49,404	53,173	56,460
6	EXISTING CAPACITY = 6a+6b	47,819	47,301	46,984	47,039

6a	Certain (Note: The sum of 6a1 through 6a4 may not equal 6a and must be <= 6a)	44,422	43,904	43,587	43,642
6a1	Wind Expected On-Peak	799	799	799	799
6a2	Solar Expected On-Peak	-	-	-	-
6a3	Hydro Expected On-Peak	3,028	3,019	3,019	3,028
6a4	Biomass Expected On-Peak	256	275	275	275
6b	Uncertain (Note: The sum of 6b1 through 6b6 may not equal 6b and must be <= 6b)	3,397	3,397	3,397	3,397
6b1	Wind Derate On-Peak	3,198	3,198	3,198	3,198
6b2	Solar Derate On-Peak	-	-	-	-
6b3	Hydro Derate On-Peak	116	116	116	116
6b4	Biomass Derate On-Peak	0	0	0	0
6b5	Energy Only	-	-	-	-
6b6	Inoperable	59	59	59	59
7	PLANNED AND PROPOSED CAPACITY ADDITIONS = 7a+7b		2,103	6,189	9,420
7a	Planned (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are informational and may not total 7a.)		1,512	3,691	3,899
7a1	Wind Expected On-Peak		33	148	184
7a2	Wind Derate On-Peak		161	704	799
7a3	Solar Expected On-Peak		-	-	-
7a4	Solar Derate On-Peak		-	-	-
7a5	Hydro Expected On-Peak		-	-	-
7a6	Hydro Derate On-Peak		-	-	-
7a7	Biomass Expected On-Peak		-	2	45
7a8	Biomass Derate On-Peak		-	0	1
7a9	Energy Only		-	-	-
7b	Proposed (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are informational and may not total 7b.)		591	2,498	5,522
7b1	Wind Expected On-Peak		467	2,152	4,635
7b2	Wind Derate On-Peak		1,869	8,633	18,640
7b3	Solar Expected On-Peak		-	-	-
7b4	Solar Derate On-Peak		-	-	-
7b5	Hydro Expected On-Peak		-	-	-
7b6	Hydro Derate On-Peak		-	-	-

7b7	Biomass Expected On-Peak		-	-	1
7b8	Biomass Derate On-Peak		-	-	0
7b9	Energy Only		-	-	-
8	Transmission-Limited Resources	-	-	-	-
9	DELIVERABLE INTERNAL CAPACITY = 6a + 7a	44,422	45,416	47,278	47,541
10	CAPACITY PURCHASES AND INCOMING ADJUSTMENTS = 10a+10b+10c+10d	3,569	3,190	2,610	2,150
10a	Firm	3,569	3,190	2,610	2,150
10b	Non-firm	-	-	-	-
10c	Expected - no contract executed, but in negotiation, projected, or other	-	-	-	-
10d	Provisional – transactions under study, but negotiations have not begun	-	-	-	-
11	CAPACITY SALES AND OUTGOING ADJUSTMENTS = 11a+11b+11c+11d	891	843	822	751
11a	Firm	732	731	706	635
11b	Non-firm	159	112	117	116
11c	Expected - no contract executed, but in negotiation, projected, or other	-	-	-	-
11d	Provisional – transactions under study, but negotiations have not begun	-	-	-	-
12	NET CAPACITY RESOURCES = 9+10a+10c-11a-11c	47,259	47,875	49,182	49,055

Projected						
2011	2012	2013	2014	2015	2016	2017
47,504	48,378	49,322	50,190	51,062	51,995	52,813
330	441	605	719	836	953	1,071
177	180	182	186	190	192	195
240	240	240	240	240	240	240
11	11	11	11	11	11	11
47,249	48,009	48,786	49,536	50,288	51,101	51,799
1,804	1,837	1,869	1,892	1,919	1,944	1,970
1,193	1,179	1,185	1,189	1,195	1,200	1,204
-	-	-	-	-	-	-
-	-	-	-	-	-	-
44,252	44,993	45,732	46,455	47,174	47,957	48,625
352	358	364	369	375	380	386
25	25	25	25	25	25	25
68	69	70	71	72	73	74
25	25	25	25	25	25	25
234	239	244	248	253	257	262
59,073	63,227	65,115	66,264	66,831	67,084	67,096
47,125	47,035	47,422	47,422	47,420	47,420	47,463

43,727	43,637	43,875	43,875	43,873	43,873	43,916
799	799	799	799	799	799	799
-	-	-	-	-	-	-
3,028	3,028	3,028	3,028	3,028	3,028	3,028
300	300	300	300	300	300	300
3,397	3,397	3,547	3,547	3,547	3,547	3,547
3,198	3,198	3,198	3,198	3,198	3,198	3,198
-	-	-	-	-	-	-
116	116	116	116	116	116	116
0	0	0	0	0	0	0
-	-	-	-	-	-	-
59	59	59	59	59	59	59
11,948	16,192	17,693	18,842	19,411	19,663	19,633
4,007	4,307	4,360	4,713	4,713	4,906	4,906
184	184	184	204	204	204	204
799	799	799	799	799	799	799
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
45	45	45	45	45	45	45
1	1	1	1	1	1	1
-	-	-	-	-	-	-
7,942	11,885	13,333	14,129	14,698	14,758	14,727
5,744	7,286	7,711	7,780	7,788	7,887	7,895
23,167	29,326	31,051	31,333	31,374	31,776	31,817
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

1	2	3	4	4	5	6
0	0	0	1	1	1	1
-	-	5	5	5	8	8
-	-	-	-	-	-	-
47,734	47,944	48,234	48,588	48,585	48,779	48,822
2,139	2,139	2,139	2,064	2,064	2,279	2,279
2,139	2,139	2,139	2,064	2,064	2,029	1,779
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	250	500
675	669	682	612	611	611	667
560	555	489	419	419	419	475
115	114	193	192	192	192	192
-	-	-	-	-	-	-
-	-	-	-	-	-	-
49,313	49,529	49,884	50,232	50,230	50,388	50,125

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SUMMER

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**Table 5c. Summer (NPCC_NE) Historical and Projected Demand and Capacity, Calendar Year 2007
(Megawatts)**

<i>Region</i>	<i>NPCC</i>
<i>Subregion</i>	<i>NE</i>
<i>Country</i>	<i>U</i>

SUMMER		Actual			
Line#	DESCRIPTION	2007	2008	2009	2010
1	Unrestricted Non-coincident Peak Demand (Starting Point) = 2+1a+1b-1c-1d	27,460	27,970	28,480	28,955
1a	New Conservation (Energy Efficiency)		-	-	-
1b	Estimated Diversity		-	-	-
1c	Additions for non-member load (load served by non-registered LSE's in a region)		-	-	-
1d	Stand-by Load Under Contract (Normally served by behind the meter generation)		-	-	-
2	Total Internal Demand	27,460	27,970	28,480	28,955
2a	Direct Control Load Management		-	-	-
2b	Contractually Interruptible (Curtable)		-	-	-
2c	Critical Peak-Pricing (CPP) with Control		-	-	-
2d	Load as a Capacity Resource	1,408	1,820	1,820	2,279
3	Net Internal Demand = 2-2a-2b-2c-2d	26,052	26,150	26,660	26,676
4	Demand Response Used for Ancillary Services (Data entered in line 4 and lines 4a through 4d will not be used to adjust net internal demand although some of these resources may make up a portion of lines 2a through 2c.) = 4a+4b+4c+4d	-	-	-	-
4a	Spinning Reserves		-	-	-
4b	Non-Spinning Reserves		-	-	-
4c	Regulation		-	-	-
4d	Emergency		-	-	-

5	TOTAL INTERNAL CAPACITY = 6+7	30,879	31,243	33,375	38,165
6	EXISTING CAPACITY = 6a+6b	30,879	30,892	30,874	30,412
6a	Certain (Note: The sum of 6a1 through 6a4 may not equal 6a and must be <= 6a)	30,879	30,892	30,874	30,412
6a1	Wind Expected On-Peak	5	4	5	0
6a2	Solar Expected On-Peak	0	0	0	0
6a3	Hydro Expected On-Peak	728	765	708	579
6a4	Biomass Expected On-Peak	1,013	888	924	967
6b	Uncertain (Note: The sum of 6b1 through 6b6 may not equal 6b and must be <= 6b)		-	-	-
6b1	Wind Derate On-Peak		-	-	-
6b2	Solar Derate On-Peak		-	-	-
6b3	Hydro Derate On-Peak		-	-	-
6b4	Biomass Derate On-Peak		-	-	-
6b5	Energy Only		-	-	-
6b6	Inoperable		-	-	-
7	PLANNED AND PROPOSED CAPACITY ADDITIONS = 7a+7b		351	2,500	7,753
7a	Planned (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are informational and may not total 7a.)		181	528	427
7a1	Wind Expected On-Peak		-	43	10
7a2	Wind Derate On-Peak			-	-
7a3	Solar Expected On-Peak			-	-
7a4	Solar Derate On-Peak			-	-
7a5	Hydro Expected On-Peak		16	16	16
7a6	Hydro Derate On-Peak			-	-
7a7	Biomass Expected On-Peak		17	25	2
7a8	Biomass Derate On-Peak			-	-
7a9	Energy Only			-	-
7b	Proposed (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are informational and may not total 7b.)		170	1,972	7,326
7b1	Wind Expected On-Peak		-	574	968
7b2	Wind Derate On-Peak			-	-

7b3	Solar Expected On-Peak			-	-
7b4	Solar Derate On-Peak			-	-
7b5	Hydro Expected On-Peak			-	-
7b6	Hydro Derate On-Peak			-	-
7b7	Biomass Expected On-Peak			119	321
7b8	Biomass Derate On-Peak			-	-
7b9	Energy Only			-	-
8	Transmission-Limited Resources			-	-
9	DELIVERABLE INTERNAL CAPACITY = 6a + 7a	30,879	31,073	31,403	30,839
10	CAPACITY PURCHASES AND INCOMING ADJUSTMENTS = 10a+10b+10c+10d			-	-
10a	Firm	-	-	-	-
10b	Non-firm			-	-
10c	Expected - no contract executed, but in negotiation, projected, or other.			-	-
10d	Provisional – transactions under study, but negotiations have not begun.			-	-
11	CAPACITY SALES AND OUTGOING ADJUSTMENTS = 11a+11b+11c+11d			-	-
11a	Firm	-	-	-	-
11b	Non-firm			-	-
11c	Expected - no contract executed, but in negotiation, projected, or other.			-	-
11d	Provisional – transactions under study, but negotiations have not begun.			-	-
12	NET CAPACITY RESOURCES = 9+10a+10c-11a-11c	30,879	31,073	31,403	30,839

Projected						
2011	2012	2013	2014	2015	2016	2017
29,405	29,820	30,190	30,510	30,790	31,035	31,250
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
29,405	29,820	30,190	30,510	30,790	31,035	31,250
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
2,279	2,279	2,279	2,279	2,279	2,279	2,279
27,126	27,541	27,911	28,231	28,511	28,756	28,971
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

41,412	42,817	43,721	43,762	43,762	43,762	43,762
30,412	30,412	30,412	30,412	30,412	30,412	30,412
30,412	30,412	30,412	30,412	30,412	30,412	30,412
0	0	0	0	0	0	0
0	0	0	0	0	0	0
579	579	579	579	579	579	579
967	967	967	967	967	967	967
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
11,000	12,405	13,309	13,350	13,350	13,350	13,350
427	427	427	427	427	427	427
10	10	10	10	10	10	10
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
16	16	16	16	16	16	16
-	-	-	-	-	-	-
2	2	2	2	2	2	2
-	-	-	-	-	-	-
-	-	-	-	-	-	-
10,573	11,978	12,882	12,923	12,923	12,923	12,923
1,713	1,713	1,713	1,713	1,713	1,713	1,713
-	-	-	-	-	-	-

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**Table 5d. Summer (NPCC_NY) Historical and Projected Demand and Capacity, Calendar Year 2007
(Megawatts)**

<i>Region</i>	<i>NPCC</i>
<i>Subregion</i>	<i>NY</i>
<i>Country</i>	<i>U</i>

SUMMER		Actual			
Line#	DESCRIPTION	2007	2008	2009	2010
1	Unrestricted Non-coincident Peak Demand (Starting Point) = 2+1a+1b-1c-1d	32,169	33,809	34,167	34,444
1a	New Conservation (Energy Efficiency)		-	-	-
1b	Estimated Diversity		-	-	-
1c	Additions for non-member load (load served by non-registered LSE's in a region)		-	-	-
1d	Stand-by Load Under Contract (Normally served by behind the meter generation)		-	-	-
2	Total Internal Demand	32,169	33,809	34,167	34,444
2a	Direct Control Load Management	301	301	301	301
2b	Contractually Interruptible (Curtable)		-	-	-
2c	Critical Peak-Pricing (CPP) with Control		-	-	-
2d	Load as a Capacity Resource	1,287	1,287	1,287	1,287
3	Net Internal Demand = 2-2a-2b-2c-2d	30,581	32,221	32,579	32,856
4	Demand Response Used for Ancillary Services (Data entered in line 4 and lines 4a through 4d will not be used to adjust net internal demand although some of these resources may make up a portion of lines 2a through 2c.) = 4a+4b+4c+4d	2,075	2,075	2,075	2,075
4a	Spinning Reserves	1,200	1,200	1,200	1,200
4b	Non-Spinning Reserves	600	600	600	600
4c	Regulation	275	275	275	275
4d	Emergency	-	-	-	-

5	TOTAL INTERNAL CAPACITY = 6+7	39,371	39,130	39,598	38,780
6	EXISTING CAPACITY = 6a+6b	39,371	39,095	39,095	38,204
6a	Certain (Note: The sum of 6a1 through 6a4 may not equal 6a and must be <= 6a)	39,371	38,713	38,713	37,822
6a1	Wind Expected On-Peak		42	42	42
6a2	Solar Expected On-Peak		-	-	-
6a3	Hydro Expected On-Peak		-	-	-
6a4	Biomass Expected On-Peak		357	357	357
6b	Uncertain (Note: The sum of 6b1 through 6b6 may not equal 6b and must be <= 6b)		382	382	382
6b1	Wind Derate On-Peak		382	382	382
6b2	Solar Derate On-Peak		-	-	-
6b3	Hydro Derate On-Peak		-	-	-
6b4	Biomass Derate On-Peak		-	-	-
6b5	Energy Only		-	-	-
6b6	Inoperable		-	-	-
7	PLANNED AND PROPOSED CAPACITY ADDITIONS = 7a+7b		35	503	576
7a	Planned (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are informational and may not total 7a.)		35	496	563
7a1	Wind Expected On-Peak		28	51	1
7a2	Wind Derate On-Peak		253	458	5
7a3	Solar Expected On-Peak			-	-
7a4	Solar Derate On-Peak			-	-
7a5	Hydro Expected On-Peak			39	66
7a6	Hydro Derate On-Peak			-	-
7a7	Biomass Expected On-Peak		6	17	-
7a8	Biomass Derate On-Peak			-	-
7a9	Energy Only			-	-
7b	Proposed (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are informational and may not total 7b.)			6	13
7b1	Wind Expected On-Peak			-	-
7b2	Wind Derate On-Peak			-	-
7b3	Solar Expected On-Peak			-	-

7b4	Solar Derate On-Peak			-	-
7b5	Hydro Expected On-Peak			-	-
7b6	Hydro Derate On-Peak			-	-
7b7	Biomass Expected On-Peak			6	6
7b8	Biomass Derate On-Peak			-	-
7b9	Energy Only			-	-
8	Transmission-Limited Resources			-	-
9	DELIVERABLE INTERNAL CAPACITY = 6a + 7a	39,371	38,748	39,209	38,385
10	CAPACITY PURCHASES AND INCOMING ADJUSTMENTS = 10a+10b+10c+10d		2,677	2,677	2,600
10a	Firm (net purchases and sales)	2,096	77	77	-
10b	Non-firm		-	-	-
10c	Expected - no contract executed, but in negotiation, projected, or other.		2,600	2,600	2,600
10d	Provisional – transactions under study, but negotiations have not begun.		-	-	-
11	CAPACITY SALES AND OUTGOING ADJUSTMENTS = 11a+11b+11c+11d		450	450	574
11a	Firm	-	-	-	124
11b	Non-firm		-	-	-
11c	Expected - no contract executed, but in negotiation, projected, or other.		450	450	450
11d	Provisional – transactions under study, but negotiations have not begun.		-	-	-
12	NET CAPACITY RESOURCES = 9+10a+10c-11a-11c	41,467	40,974	41,436	40,411

Projected						
2011	2012	2013	2014	2015	2016	2017
34,768	35,112	35,475	35,807	36,133	36,436	36,762
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
34,768	35,112	35,475	35,807	36,133	36,436	36,762
301	301	301	301	301	301	301
-	-	-	-	-	-	-
-	-	-	-	-	-	-
1,287	1,287	1,287	1,287	1,287	1,287	1,287
33,180	33,524	33,887	34,219	34,545	34,848	35,174
2,075	2,075	2,075	2,075	2,075	2,075	2,075
1,200	1,200	1,200	1,200	1,200	1,200	1,200
600	600	600	600	600	600	600
275	275	275	275	275	275	275
-	-	-	-	-	-	-

38,965	38,965	38,842	38,842	38,842	38,842	38,842
38,204	38,204	38,080	38,080	38,080	38,080	38,080
37,822	37,822	37,698	37,698	37,698	37,698	37,698
42	42	42	42	42	42	42
-	-	-	-	-	-	-
-	-	-	-	-	-	-
357	357	357	357	357	357	357
382	382	382	382	382	382	382
382	382	382	382	382	382	382
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
761	761	762	762	762	762	762
761	761	762	762	762	762	762
-	-	1	-	-	-	-
-	-	5	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
30	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
38,583	38,583	38,460	38,460	38,460	38,460	38,460
3,117	3,117	3,117	3,067	3,067	3,067	3,067
517	517	517	467	467	467	467
-	-	-	-	-	-	-
2,600	2,600	2,600	2,600	2,600	2,600	2,600
-	-	-	-	-	-	-
450	450	450	450	450	450	450
-	-	-	-	-	-	-
-	-	-	-	-	-	-
450	450	450	450	450	450	450
-	-	-	-	-	-	-
41,250	41,250	41,127	41,077	41,077	41,077	41,077

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SUMMER

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**Table 5e. Summer (RFC) Historical and Projected Demand and Capacity, Calendar Year 2007
(Megawatts)**

<i>Region</i>	<i>RFC</i>
<i>Subregion</i>	
<i>Country</i>	<i>U</i>

SUMMER		Actual			
Line#	DESCRIPTION	2007	2008	2009	2010
1	Unrestricted Non-coincident Peak Demand (Starting Point) = 2+1a+1b-1c-1d	180,063	184,000	187,100	190,700
1a	New Conservation (Energy Efficiency)		-	-	-
1b	Estimated Diversity		-	-	-
1c	Additions for non-member load (load served by non-registered LSE's in a region)		-	-	-
1d	Stand-by Load Under Contract (Normally served by behind the meter generation)		-	-	-
2	Total Internal Demand	180,063	184,000	187,100	190,700
2a	Direct Control Load Management		900	1,000	1,000
2b	Contractually Interruptible (Curtailable)		5,900	5,800	5,800
2c	Critical Peak-Pricing (CPP) with Control		-	-	-
2d	Load as a Capacity Resource		-	-	-
3	Net Internal Demand = 2-2a-2b-2c-2d		177,200	180,300	183,900
4	Demand Response Used for Ancillary Services (Data entered in line 4 and lines 4a through 4d will not be used to adjust net internal demand although some of these resources may make up a portion of lines 2a through 2c.) = 4a+4b+4c+4d	-	334	334	334
4a	Spinning Reserves		325	325	325
4b	Non-Spinning Reserves		-	-	-
4c	Regulation		-	-	-
4d	Emergency		9	9	9

5	TOTAL INTERNAL CAPACITY = 6+7	215,020	216,811	222,331	232,921
6	EXISTING CAPACITY = 6a+6b	215,020	216,811	216,811	216,811
6a	Certain (Note: The sum of 6a1 through 6a4 may not equal 6a and must be <= 6a)	213,214	213,749	213,749	213,749
6a1	Wind Expected On-Peak	71	216	216	216
6a2	Solar Expected On-Peak	-	-	-	-
6a3	Hydro Expected On-Peak	6,618	6,618	6,618	6,618
6a4	Biomass Expected On-Peak	674	691	691	691
6b	Uncertain (Note: The sum of 6b1 through 6b6 may not equal 6b and must be <= 6b)	1,806	3,062	3,062	3,062
6b1	Wind Derate On-Peak	863	1,438	1,438	1,438
6b2	Solar Derate On-Peak	-	-	-	-
6b3	Hydro Derate On-Peak	342	342	342	342
6b4	Biomass Derate On-Peak	21	21	21	21
6b5	Energy Only	580	580	580	580
6b6	Inoperable		662	-	-
7	PLANNED AND PROPOSED CAPACITY ADDITIONS = 7a+7b		-	5,520	16,110
7a	Planned (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are informational and may not total 7a.)		-	996	3,838
7a1	Wind Expected On-Peak		-	96	242
7a2	Wind Derate On-Peak		-	384	966
7a3	Solar Expected On-Peak		-	-	-
7a4	Solar Derate On-Peak		-	-	-
7a5	Hydro Expected On-Peak		-	-	-
7a6	Hydro Derate On-Peak		-	-	-
7a7	Biomass Expected On-Peak		-	49	239
7a8	Biomass Derate On-Peak		-	-	-
7a9	Energy Only		-	-	-
7b	Proposed (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are informational and may not total 7b.)		-	4,524	12,272
7b1	Wind Expected On-Peak		-	1,235	2,667
7b2	Wind Derate On-Peak		-	4,940	10,668
7b3	Solar Expected On-Peak		-	-	3

7b4	Solar Derate On-Peak		-	-	-
7b5	Hydro Expected On-Peak		-	-	88
7b6	Hydro Derate On-Peak		-	-	82
7b7	Biomass Expected On-Peak		-	205	341
7b8	Biomass Derate On-Peak		-	-	-
7b9	Energy Only		-	-	-
8	Transmission-Limited Resources		-	-	-
9	DELIVERABLE INTERNAL CAPACITY = 6a + 7a	213,214	213,749	214,745	217,587
10	CAPACITY PURCHASES AND INCOMING ADJUSTMENTS = 10a+10b+10c+10d		2,307	2,307	2,307
10a	Firm	330	2,307	2,307	2,307
10b	Non-firm		-	-	-
10c	Expected - no contract executed, but in negotiation, projected, or other.		-	-	-
10d	Provisional – transactions under study, but negotiations have not begun.		-	-	-
11	CAPACITY SALES AND OUTGOING ADJUSTMENTS = 11a+11b+11c+11d		2,269	2,269	2,269
11a	Firm		2,269	2,269	2,269
11b	Non-firm		-	-	-
11c	Expected - no contract executed, but in negotiation, projected, or other.		-	-	-
11d	Provisional – transactions under study, but negotiations have not begun.		-	-	-
12	NET CAPACITY RESOURCES = 9+10a+10c-11a-11c	213,544	213,787	214,783	217,625

Projected						
2011	2012	2013	2014	2015	2016	2017
193,400	195,700	198,400	201,100	203,600	206,200	208,600
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
193,400	195,700	198,400	201,100	203,600	206,200	208,600
1,000	1,000	1,000	1,000	1,000	1,000	1,000
5,800	5,800	5,800	5,800	5,900	5,900	5,900
-	-	-	-	-	-	-
-	-	-	-	-	-	-
186,600	188,900	191,600	194,300	196,700	199,300	201,700
334	334	334	334	334	334	334
325	325	325	325	325	325	325
-	-	-	-	-	-	-
-	-	-	-	-	-	-
9	9	9	9	9	9	9

247,702	257,415	264,680	265,120	266,653	268,293	269,856
216,811	216,811	216,811	216,811	216,811	216,811	216,811
213,749	213,749	213,749	213,749	213,749	213,749	213,749
216	216	216	216	216	216	216
-	-	-	-	-	-	-
6,618	6,618	6,618	6,618	6,618	6,618	6,618
691	691	691	691	691	691	691
3,062	3,062	3,062	3,062	3,062	3,062	3,062
1,438	1,438	1,438	1,438	1,438	1,438	1,438
-	-	-	-	-	-	-
342	342	342	342	342	342	342
21	21	21	21	21	21	21
580	580	580	580	580	580	580
-	-	-	-	-	-	-
30,891	40,604	47,869	48,309	49,842	51,482	53,045
5,705	5,705	5,705	5,845	5,845	5,845	5,845
267	267	267	267	267	267	267
1,066	1,066	1,066	1,066	1,066	1,066	1,066
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	140	140	140	140
-	-	-	-	-	-	-
239	239	239	239	239	239	239
-	-	-	-	-	-	-
-	-	-	-	-	-	-
25,186	34,899	42,164	42,464	43,997	45,637	47,200
4,223	4,377	4,766	5,066	5,186	5,186	5,186
16,892	17,508	19,064	20,264	20,744	20,744	20,744
3	3	3	3	3	3	3

-	-	-	-	-	-	-
283	283	319	319	319	319	319
82	82	82	82	82	82	82
359	359	359	359	359	359	359
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
219,454	219,454	219,454	219,594	219,594	219,594	219,594
2,307	2,307	2,307	2,307	2,307	2,307	2,307
2,307	2,307	2,307	2,307	2,307	2,307	2,307
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
2,269	2,269	2,269	2,269	2,269	2,269	2,269
2,269	2,269	2,269	2,269	2,269	2,269	2,269
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
219,492	219,492	219,492	219,632	219,632	219,632	219,632

7	PLANNED AND PROPOSED CAPACITY ADDITIONS = 7a+7b	-	-	-	-	-	-	-	-	-	-	-
	Planned (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are informational and may not total 7a.)	1,532	2,836	5,172	10,732	14,683	19,113	22,575	29,027	34,788	38,589	
7a		349	1,419	2,760	5,186	6,692	7,844	7,848	7,852	7,856	7,860	
7a1	Wind Expected On-Peak	-	-	-	-	-	-	-	-	-	-	
7a2	Wind Derate On-Peak	-	-	-	-	-	-	-	-	-	-	
7a3	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-	
7a4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	
7a5	Hydro Expected On-Peak	-	-	-	-	-	-	-	-	-	-	
7a6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	
7a7	Biomass Expected On-Peak	-	2	2	2	2	2	2	2	2	2	
7a8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	
7a9	Energy Only	-	-	-	-	-	-	-	-	-	-	
7b	Proposed (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are informational and may not total 7b.)	1,183	1,417	2,412	5,546	7,991	11,269	14,727	21,175	26,932	30,729	
7b1	Wind Expected On-Peak	-	-	-	-	-	-	-	-	-	-	
7b2	Wind Derate On-Peak	-	-	-	-	-	-	-	-	-	-	
7b3	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-	
7b4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	
7b5	Hydro Expected On-Peak	-	-	-	-	-	-	-	-	-	-	
7b6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	
7b7	Biomass Expected On-Peak	-	-	-	-	-	-	-	-	-	-	
7b8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	
7b9	Energy Only	-	-	-	-	-	-	-	-	-	-	
8	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	
9	DELIVERABLE INTERNAL CAPACITY = 6a + 7a	235,189	237,368	239,613	239,456	241,388	242,558	242,858	241,790	242,908	242,681	242,939
10	CAPACITY PURCHASES AND INCOMING ADJUSTMENTS = 10a+10b+10c+10d	4,698	4,269	3,308	3,278	3,131	3,135	3,329	3,405	3,630	3,446	3,492
10a	Firm (net purchases and sales)	4,698	4,269	3,124	3,087	2,883	2,815	2,700	2,747	2,786	2,544	2,505
10b	Non-firm	-	-	184	191	196	203	208	215	220	227	234
10c	Expected - no contract executed, but in negotiation, projected, or other.	-	-	-	-	-	-	-	-	-	-	-
10d	Provisional – transactions under study, but negotiations have not begun.	-	-	-	52	117	421	443	624	675	753	
11	CAPACITY SALES AND OUTGOING ADJUSTMENTS = 11a+11b+11c+11d	5,655	6,152	5,876	5,582	5,681	5,443	5,478	5,525	5,564	3,326	3,289
11a	Firm	5,655	6,152	5,700	5,239	5,338	5,100	5,135	5,182	5,221	2,983	2,946
11b	Non-firm	-	-	176	343	343	343	343	343	343	343	343
11c	Expected - no contract executed, but in negotiation, projected, or other.	-	-	-	-	-	-	-	-	-	-	-
11d	Provisional – transactions under study, but negotiations have not begun.	-	-	-	-	-	-	-	-	-	-	-
12	NET CAPACITY RESOURCES = 9+10a+10c-11a-11c	234,232	235,485	237,037	237,304	238,933	240,273	240,423	239,355	240,473	242,242	242,498

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SUMMER

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**Table 5g. Summer (SPP) Historical and Projected Demand and Capacity, Calendar Year 2007
(Megawatts)**

<i>Region</i>	<i>SPP</i>
<i>Subregion</i>	
<i>Country</i>	<i>U</i>

SUMMER		Actual			
Line#	DESCRIPTION	2007	2008	2009	2010
1	Unrestricted Non-coincident Peak Demand (Starting Point) = 2+1a+1b-1c-1d	43,167	43,852	44,857	45,751
1a	New Conservation (Energy Efficiency)		52	71	94
1b	Estimated Diversity		-	-	-
1c	Additions for non-member load (load served by non-registered LSE's in a region)		-	-	-
1d	Stand-by Load Under Contract (Normally served by behind the meter generation)		-	-	-
2	Total Internal Demand	43,167	43,800	44,786	45,657
2a	Direct Control Load Management	114	36	36	18
2b	Contractually Interruptible (Curtable)	477	487	492	497
2c	Critical Peak-Pricing (CPP) with Control	-	35	35	35
2d	Load as a Capacity Resource	118	187	205	205
3	Net Internal Demand = 2-2a-2b-2c-2d	42,459	43,056	44,018	44,902
4	Demand Response Used for Ancillary Services (Data entered in line 4 and lines 4a through 4d will not be used to adjust net internal demand although some of these resources may make up a portion of lines 2a through 2c.) = 4a+4b+4c+4d	242	252	252	252
4a	Spinning Reserves	91	91	91	91
4b	Non-Spinning Reserves	91	91	91	91
4c	Regulation	60	70	70	70
4d	Emergency	-	-	-	-

5	TOTAL INTERNAL CAPACITY = 6+7	56,534	58,655	64,049	66,579
6	EXISTING CAPACITY = 6a+6b	56,534	57,539	57,217	57,260
6a	Certain (Note: The sum of 6a1 through 6a4 may not equal 6a and must be <= 6a)	47,334	47,754	47,744	47,327
6a1	Wind Expected On-Peak	116	169	195	195
6a2	Solar Expected On-Peak	0	0	0	0
6a3	Hydro Expected On-Peak	2,892	2,939	2,965	3,005
6a4	Biomass Expected On-Peak	210	285	285	365
6b	Uncertain (Note: The sum of 6b1 through 6b6 may not equal 6b and must be <= 6b)	9,200	9,786	9,472	9,932
6b1	Wind Derate On-Peak	417	955	976	976
6b2	Solar Derate On-Peak	-	-	-	-
6b3	Hydro Derate On-Peak	3	3	-	-
6b4	Biomass Derate On-Peak	-	-	-	-
6b5	Energy Only	130	130	130	130
6b6	Inoperable	340	293	220	180
7	PLANNED AND PROPOSED CAPACITY ADDITIONS = 7a+7b		1,116	6,832	9,319
7a	Planned (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are informational and may not total 7a.)		1,116	2,918	4,854
7a1	Wind Expected On-Peak		-	116	116
7a2	Wind Derate On-Peak		-	771	771
7a3	Solar Expected On-Peak		-	-	-
7a4	Solar Derate On-Peak		-	-	-
7a5	Hydro Expected On-Peak		-	-	5
7a6	Hydro Derate On-Peak		-	-	-
7a7	Biomass Expected On-Peak		-	-	-
7a8	Biomass Derate On-Peak		-	-	-
7a9	Energy Only		400	400	400
7b	Proposed (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are informational and may not total 7b.)		-	3,914	4,465
7b1	Wind Expected On-Peak		-	538	538
7b2	Wind Derate On-Peak		-	3,584	3,584
7b3	Solar Expected On-Peak		-	-	-

7b4	Solar Derate On-Peak		-	-	-
7b5	Hydro Expected On-Peak		-	-	-
7b6	Hydro Derate On-Peak		-	-	-
7b7	Biomass Expected On-Peak		-	-	-
7b8	Biomass Derate On-Peak		-	-	-
7b9	Energy Only		18	18	168
8	Transmission-Limited Resources		-	-	-
9	DELIVERABLE INTERNAL CAPACITY = 6a + 7a	47,334	48,870	50,662	52,181
10	CAPACITY PURCHASES AND INCOMING ADJUSTMENTS = 10a+10b+10c+10d		2,789	2,789	2,789
10a	Firm	2,789	2,789	2,789	2,789
10b	Non-firm		-	-	-
10c	Expected - no contract executed, but in negotiation, projected, or other.		-	-	-
10d	Provisional – transactions under study, but negotiations have not begun.		-	-	-
11	CAPACITY SALES AND OUTGOING ADJUSTMENTS = 11a+11b+11c+11d		1,550	1,550	1,550
11a	Firm	1,550	1,550	1,550	1,550
11b	Non-firm		-	-	-
11c	Expected - no contract executed, but in negotiation, projected, or other.		-	-	-
11d	Provisional – transactions under study, but negotiations have not begun.		-	-	-
12	NET CAPACITY RESOURCES = 9+10a+10c-11a-11c	48,573	50,109	51,901	53,420

Projected						
2011	2012	2013	2014	2015	2016	2017
46,467	47,145	47,866	48,596	49,337	50,078	50,859
113	133	151	168	185	202	219
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
46,354	47,012	47,715	48,428	49,152	49,876	50,640
18	18	18	18	18	18	18
501	506	510	515	519	524	529
35	35	35	35	35	35	35
205	205	205	205	205	205	205
45,594	46,248	46,947	47,655	48,375	49,094	49,853
252	252	252	252	252	252	252
91	91	91	91	91	91	91
91	91	91	91	91	91	91
70	70	70	70	70	70	70
-	-	-	-	-	-	-

67,089	68,008	68,756	68,839	69,629	70,004	74,361
57,367	57,302	57,214	57,197	57,087	57,092	57,044
47,434	47,389	47,321	47,304	47,194	47,199	47,151
195	194	194	194	194	194	194
0	0	0	0	0	0	0
3,005	3,025	3,045	3,045	3,045	3,045	3,045
365	365	365	365	365	365	365
9,932	9,912	9,892	9,892	9,892	9,892	9,892
976	976	976	976	976	976	976
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
130	130	130	130	130	130	130
180	160	140	140	140	140	140
9,722	10,706	11,542	11,642	12,542	12,912	17,317
5,208	5,700	6,070	6,070	6,620	6,620	7,391
116	116	116	116	116	116	231
771	771	771	771	771	771	1,542
-	-	-	-	-	-	-
-	-	-	-	-	-	-
5	5	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
400	400	400	400	400	400	400
4,514	5,006	5,472	5,572	5,922	6,292	9,926
538	538	538	538	538	538	1,075
3,584	3,584	3,584	3,584	3,584	3,584	7,168
-	-	-	-	-	-	-

-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
168	168	168	168	168	168	168
-	-	-	-	-	-	-
52,642	53,089	53,391	53,374	53,814	53,819	54,542
2,789	2,789	2,789	2,789	2,789	2,789	2,789
2,789	2,789	2,789	2,789	2,789	2,789	2,789
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
1,550	1,550	1,550	1,550	1,550	1,550	1,550
1,550	1,550	1,550	1,550	1,550	1,550	1,550
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
53,881	54,328	54,630	54,613	55,053	55,058	55,781

Form EIA-411 for 2007

SUMMER

Released: February 2009

Next Update: October 2009

**Table 5h. Summer (ERCOT) Historical and Projected Demand and Capacity, Calendar Year 2007
(Megawatts)**

<i>Region</i>	<i>TRE</i>
<i>Subregion</i>	
<i>Country</i>	<i>U</i>

SUMMER		Actual			
Line#	DESCRIPTION	2007	2008	2009	2010
1	Unrestricted Non-coincident Peak Demand (Starting Point) = 2+1a+1b-1c-1d	62,188	64,927	66,247	67,641
1a	New Conservation (Energy Efficiency)		143	160	160
1b	Estimated Diversity	-	-	-	-
1c	Additions for non-member load (load served by non-registered LSE's in a region)	-	-	-	-
1d	Stand-by Load Under Contract (Normally served by behind the meter generation)	-	-	-	-
2	Total Internal Demand	62,188	64,784	66,087	67,481
2a	Direct Control Load Management	-	-	-	-
2b	Contractually Interruptible (Curtable)	-	-	-	-
2c	Critical Peak-Pricing (CPP) with Control	-	-	-	-
2d	Load as a Capacity Resource	1,125	1,059	1,059	1,059
3	Net Internal Demand = 2-2a-2b-2c-2d	61,063	63,725	65,028	66,422
4	Demand Response Used for Ancillary Services (Data entered in line 4 and lines 4a through 4d will not be used to adjust net internal demand although some of these resources may make up a portion of lines 2a through 2c.) = 4a+4b+4c+4d	1,125	1,059	1,059	1,059
4a	Spinning Reserves	1,125	1,059	1,059	1,059
4b	Non-Spinning Reserves	-	-	-	-
4c	Regulation	-	-	-	-
4d	Emergency	-	-	-	-

5	TOTAL INTERNAL CAPACITY = 6+7	75,912	80,806	89,342	103,073
6	EXISTING CAPACITY = 6a+6b	75,912	79,942	79,756	80,218
6a	Certain (Note: The sum of 6a1 through 6a4 may not equal 6a and must be <= 6a)	75,912	70,886	71,197	71,732
6a1	Wind Expected On-Peak		468	468	468
6a2	Solar Expected On-Peak		-	-	-
6a3	Hydro Expected On-Peak		586	586	586
6a4	Biomass Expected On-Peak		53	53	53
6b	Uncertain (Note: The sum of 6b1 through 6b6 may not equal 6b and must be <= 6b)		9,056	8,559	8,486
6b1	Wind Derate On-Peak		4,910	4,910	4,910
6b2	Solar Derate On-Peak		-	-	-
6b3	Hydro Derate On-Peak		-	-	-
6b4	Biomass Derate On-Peak		-	-	-
6b5	Energy Only		-	-	-
6b6	Inoperable		4,146	3,649	3,576
7	PLANNED AND PROPOSED CAPACITY ADDITIONS = 7a+7b		864	9,586	22,856
7a	Planned (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are informational and may not total 7a.)		864	3,799	5,409
7a1	Wind Expected On-Peak		13	342	347
7a2	Wind Derate On-Peak		137	3,586	3,641
7a3	Solar Expected On-Peak			-	-
7a4	Solar Derate On-Peak			-	-
7a5	Hydro Expected On-Peak			-	-
7a6	Hydro Derate On-Peak			-	-
7a7	Biomass Expected On-Peak			-	-
7a8	Biomass Derate On-Peak			-	-
7a9	Energy Only			-	-
7b	Proposed (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are informational and may not total 7b.)			5,787	17,447
7b1	Wind Expected On-Peak			786	1,775
7b2	Wind Derate On-Peak			8,254	18,623
7b3	Solar Expected On-Peak			-	-

7b4	Solar Derate On-Peak			-	-
7b5	Hydro Expected On-Peak			-	-
7b6	Hydro Derate On-Peak			-	-
7b7	Biomass Expected On-Peak			-	-
7b8	Biomass Derate On-Peak			-	-
7b9	Energy Only			-	-
8	Transmission-Limited Resources			-	-
9	DELIVERABLE INTERNAL CAPACITY = 6a + 7a	75,912	71,750	74,996	77,141
10	CAPACITY PURCHASES AND INCOMING ADJUSTMENTS = 10a+10b+10c+10d		800	800	800
10a	Firm		800	800	800
10b	Non-firm		-	-	-
10c	Expected - no contract executed, but in negotiation, projected, or other.		-	-	-
10d	Provisional – transactions under study, but negotiations have not begun.		-	-	-
11	CAPACITY SALES AND OUTGOING ADJUSTMENTS = 11a+11b+11c+11d		47	47	47
11a	Firm		47	47	47
11b	Non-firm		-	-	-
11c	Expected - no contract executed, but in negotiation, projected, or other.		-	-	-
11d	Provisional – transactions under study, but negotiations have not begun.		-	-	-
12	NET CAPACITY RESOURCES = 9+10a+10c-11a-11c	75,912	72,503	75,749	77,894

Projected						
2011	2012	2013	2014	2015	2016	2017
68,964	70,052	71,454	72,672	73,908	75,000	76,420
160	160	160	160	160	160	160
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
68,804	69,892	71,294	72,512	73,748	74,840	76,260
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
1,059	1,059	1,059	1,059	1,059	1,059	1,059
67,745	68,833	70,235	71,453	72,689	73,781	75,201
1,059	1,059	1,059	1,059	1,059	1,059	1,059
1,059	1,059	1,059	1,059	1,059	1,059	1,059
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

116,626	124,517	124,712	124,712	124,712	124,712	124,712
79,462	80,387	80,387	80,387	80,387	80,387	80,387
70,808	71,733	71,733	71,733	71,733	71,733	71,733
468	468	468	468	468	468	468
-	-	-	-	-	-	-
586	586	586	586	586	586	586
53	53	53	53	53	53	53
8,655	8,655	8,655	8,655	8,655	8,655	8,655
4,910	4,910	4,910	4,910	4,910	4,910	4,910
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
3,745	3,745	3,745	3,745	3,745	3,745	3,745
37,164	44,129	44,325	44,325	44,325	44,325	44,325
6,357	6,357	6,357	6,357	6,357	6,357	6,357
370	370	370	370	370	370	370
3,888	3,888	3,888	3,888	3,888	3,888	3,888
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
30,807	37,772	37,968	37,968	37,968	37,968	37,968
2,824	3,532	3,728	3,728	3,728	3,728	3,728
29,635	37,066	39,120	39,120	39,120	39,120	39,120
-	-	-	-	-	-	-

-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
77,165	78,090	78,090	78,090	78,090	78,090	78,090
800	800	800	800	800	800	800
800	800	800	800	800	800	800
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
47	47	47	47	47	47	47
47	47	47	47	47	47	47
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
77,918	78,843	78,843	78,843	78,843	78,843	78,843

Form EIA-411 for 2007

SUMMER

Released: February 2009

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**Table 5i. Summer (WECC) Historical and Projected Demand and Capacity, Calendar Year 2007
(Megawatts)**

<i>Region</i>	<i>WECC</i>
<i>Subregion</i>	
<i>Country</i>	<i>U</i>

SUMMER		Actual			
Line#	DESCRIPTION	2007	2008	2009	2010
1	Unrestricted Non-coincident Peak Demand (Starting Point) = 2+1a+1b-1c-1d	137,927	141,318	144,835	147,911
1a	New Conservation (Energy Efficiency)	62	828	1,196	1,580
1b	Estimated Diversity	363	363	363	363
1c	Additions for non-member load (load served by non-registered LSE's in a region)	1,569	1,587	1,623	1,656
1d	Stand-by Load Under Contract (Normally served by behind the meter generation)	318	318	318	318
2	Total Internal Demand	139,389	142,032	145,217	147,942
2a	Direct Control Load Management	2,656	3,053	3,126	3,191
2b	Contractually Interruptible (Curtailable)	894	1,054	1,151	1,249
2c	Critical Peak-Pricing (CPP) with Control	-	-	-	-
2d	Load as a Capacity Resource	-	-	-	-
3	Net Internal Demand = 2-2a-2b-2c-2d	135,839	137,925	140,940	143,502
4	Demand Response Used for Ancillary Services (Data entered in line 4 and lines 4a through 4d will not be used to adjust net internal demand although some of these resources may make up a portion of lines 2a through 2c.) = 4a+4b+4c+4d	259	307	330	340
4a	Spinning Reserves	-	-	-	-
4b	Non-Spinning Reserves	210	240	255	265
4c	Regulation	-	-	-	-
4d	Emergency	49	67	75	75

5	TOTAL INTERNAL CAPACITY = 6+7	177,801	183,049	186,105	189,269
6	EXISTING CAPACITY = 6a+6b	177,801	177,801	177,801	177,801
6a	Certain (Note: The sum of 6a1 through 6a4 may not equal 6a and must be <= 6a)	162,720	166,281	166,285	166,297
6a1	Wind Expected On-Peak	927	927	927	927
6a2	Solar Expected On-Peak	396	396	396	396
6a3	Hydro Expected On-Peak	49,282	49,282	49,282	49,282
6a4	Biomass Expected On-Peak	1,101	1,101	1,101	1,101
6b	Uncertain (Note: The sum of 6b1 through 6b6 may not equal 6b and must be <= 6b)	15,081	11,520	11,516	11,504
6b1	Wind Derate On-Peak	4,149	4,149	4,149	4,149
6b2	Solar Derate On-Peak	111	111	111	111
6b3	Hydro Derate On-Peak	6,559	6,559	6,559	6,559
6b4	Biomass Derate On-Peak	256	256	256	256
6b5	Energy Only	-	-	-	-
6b6	Inoperable	4,002	441	437	425
7	PLANNED AND PROPOSED CAPACITY ADDITIONS = 7a+7b		5,248	8,304	11,468
7a	Planned (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are informational and may not total 7a.)		3,944	6,178	7,571
7a1	Wind Expected On-Peak		229	479	479
7a2	Wind Derate On-Peak		1,400	2,629	2,629
7a3	Solar Expected On-Peak		4	4	4
7a4	Solar Derate On-Peak		4	4	4
7a5	Hydro Expected On-Peak		(24)	46	73
7a6	Hydro Derate On-Peak		-	-	-
7a7	Biomass Expected On-Peak		47	102	102
7a8	Biomass Derate On-Peak		10	11	11
7a9	Energy Only		-	-	-
7b	Proposed (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are informational and may not total 7b.)		1,304	2,126	3,897
7b1	Wind Expected On-Peak		26	122	212
7b2	Wind Derate On-Peak		139	766	1,282
7b3	Solar Expected On-Peak		-	1	2

7b4	Solar Derate On-Peak		-	-	-
7b5	Hydro Expected On-Peak		-	-	-
7b6	Hydro Derate On-Peak		-	-	-
7b7	Biomass Expected On-Peak		-	-	20
7b8	Biomass Derate On-Peak		-	-	-
7b9	Energy Only		-	-	-
8	Transmission-Limited Resources	4	4	4	4
9	DELIVERABLE INTERNAL CAPACITY = 6a + 7a	162,720	170,225	172,463	173,868
10	CAPACITY PURCHASES AND INCOMING ADJUSTMENTS = 10a+10b+10c+10d		1,283	1,173	985
10a	Firm (net purchases and sales)	1,691	807	777	625
10b	Non-firm	-	-	-	-
10c	Expected - no contract executed, but in negotiation, projected, or other.	-	476	396	360
10d	Provisional – transactions under study, but negotiations have not begun.	-	-	-	-
11	CAPACITY SALES AND OUTGOING ADJUSTMENTS = 11a+11b+11c+11d		1,632	1,469	1,359
11a	Firm	878	580	411	296
11b	Non-firm	-	-	-	-
11c	Expected - no contract executed, but in negotiation, projected, or other.	-	1,052	1,058	1,063
11d	Provisional – transactions under study, but negotiations have not begun.	-	-	-	-
12	NET CAPACITY RESOURCES = 9+10a+10c-11a-11c	163,533	169,876	172,167	173,494

Projected						
2011	2012	2013	2014	2015	2016	2017
151,072	154,432	157,556	160,671	163,803	166,966	169,964
1,967	2,358	2,756	3,132	3,508	3,889	4,271
363	363	363	363	363	363	363
1,696	1,738	1,784	1,835	1,891	1,950	2,013
318	318	318	318	318	318	318
150,756	153,767	156,539	159,329	162,141	164,982	167,661
3,254	3,314	3,366	3,417	3,469	3,519	3,568
1,297	1,316	1,336	1,340	1,348	1,338	1,330
-	-	-	-	-	-	-
-	-	-	-	-	-	-
146,205	149,137	151,837	154,572	157,324	160,125	162,763
348	348	348	348	348	348	348
-	-	-	-	-	-	-
273	273	273	273	273	273	273
-	-	-	-	-	-	-
75	75	75	75	75	75	75

192,661	195,809	197,655	198,627	199,112	199,120	199,298
177,801	177,801	177,801	177,801	177,801	177,801	177,801
166,335	166,324	166,338	166,338	166,276	166,291	166,309
927	927	927	927	927	927	927
396	396	396	396	396	396	396
49,282	49,282	49,282	49,282	49,282	49,282	49,282
1,101	1,101	1,101	1,101	1,101	1,101	1,101
11,466	11,477	11,463	11,463	11,525	11,510	11,492
4,149	4,149	4,149	4,149	4,149	4,149	4,149
111	111	111	111	111	111	111
6,559	6,559	6,559	6,559	6,559	6,559	6,559
256	256	256	256	256	256	256
-	-	-	-	-	-	-
387	398	384	384	446	431	413
14,860	18,008	19,854	20,826	21,311	21,319	21,497
8,726	9,101	9,831	9,831	9,831	9,827	9,827
479	479	479	479	479	479	479
2,629	2,629	2,629	2,629	2,629	2,629	2,629
4	284	284	284	284	284	284
4	4	4	4	4	4	4
183	190	190	190	190	190	190
(103)	(103)	(103)	(103)	(103)	(103)	(103)
102	102	102	102	102	102	102
11	11	11	11	11	11	11
-	-	-	-	-	-	-
6,134	8,907	10,023	10,995	11,480	11,492	11,670
355	393	408	438	438	438	438
1,791	1,989	2,073	2,241	2,241	2,241	2,241
4	5	7	9	9	9	9

-	-	-	-	-	-	-
23	25	25	50	465	490	490
-	-	-	-	-	-	-
43	70	93	116	116	116	116
-	-	-	-	-	-	-
-	-	-	-	-	-	-
4	4	4	4	4	4	4
175,061	175,425	176,169	176,169	176,107	176,118	176,136
1,419	1,197	1,087	1,081	1,015	964	838
477	431	436	438	440	443	444
-	-	-	-	-	-	-
942	766	651	643	575	521	394
-	-	-	-	-	-	-
1,211	1,191	1,192	1,174	1,158	1,145	1,136
177	177	177	178	179	182	182
-	-	-	-	-	-	-
1,034	1,014	1,015	996	979	963	954
-	-	-	-	-	-	-
175,269	175,431	176,064	176,076	175,964	175,937	175,838