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

Region	FRCC
Subregion	
Country	U

	SUMMER	Actual			
Line#	DESCRIPTION	2007	2008	2009	2010
	Unrestricted Non-coincident Peak Demand (Starting Point) =				
1	2+1a+1b-1c-1d	46,676	47,364	48,181	49,093
1a	New Conservation (Energy Efficiency)		-	-	-
1b	Estimated Diversity	-	-	-	-
	Additions for non-member load (load served by non-registered LSE's				
1c	in a region)	-	-	-	-
	Stand-by Load Under Contract (Normally served by behind the meter				
1d	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
	Contractually Interruptible (Curtailable)	109	691	694	685
	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
	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				
4	make up a portion of lines 2a through 2c.) = 4a+4b+4c+4d	-	-	-	-
	Spinning Reserves	-	-	-	-
	Non-Spinning Reserves	-	-	-	-
	Regulation	-	-	-	-
4d	Emergency	-	-	-	-

5	TOTAL INTERNAL CAPACITY = 6+7	51,359	52,158	54,412	56,281
	EXISTING CAPACITY = 6a+6b	51,359	51,682	51,842	51,896
	Certain (Note: The sum of 6a1 through 6a4 may not equal 6a and				
6a	must be <= 6a)	50,629	50,629	50,629	50,62
6a1	Wind Expected On-Peak		-	-	-
6a2	Solar Expected On-Peak		-	-	-
6a3	Hydro Expected On-Peak	55	55	55	5
6a4	Biomass Expected On-Peak	462	462	462	46
	Uncertain (Note: The sum of 6b1 through 6b6 may not equal 6b and				
6b	must be <= 6b)	730	1,054	1,214	1,26
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	1,15
	Inoperable	163	58	109	10
7	PLANNED AND PROPOSED CAPACITY ADDITIONS = 7a+7b		476	2,570	4,38
	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	4,38
7a1	Wind Expected On-Peak			-	-
	Wind Derate On-Peak			-	_
7a3	Solar Expected On-Peak			-	_
	Solar Derate On-Peak			-	-
7a5	Hydro Expected On-Peak		-	-	-
	Hydro Derate On-Peak			-	-
	Biomass Expected On-Peak		11	20	(
	Biomass Derate On-Peak			-	-
	Energy Only			-	-
	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.)		-	-	-
	Wind Expected On-Peak		-	-	-
	Wind Derate On-Peak		-	-	-
	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
	CAPACITY PURCHASES AND INCOMING ADJUSTMENTS =				
10	10a+10b+10c+10d	2,398	2,448	2,423	2,188
	Firm	2,398	2,448	2,423	2,188
10b	Non-firm	-	-	-	-
4.0	Expected - no contract executed, but in negotiation, projected, or				
10c	other.	-	-	-	-
40.1	Provisional – transactions under study, but negotiations have not				
100	begun.	-	-	-	-
	CAPACITY SALES AND OUTGOING ADJUSTMENTS =	+			
11	11a+11b+11c+11d				
	Firm	_			
-	Non-firm	 			
110	Expected - no contract executed, but in negotiation, projected, or				
110	other.	_	_	_	_
- 10	Provisional – transactions under study, but negotiations have not	†			
11d	begun.	_	_	_	_
	· · • • ·				
12	NET CAPACITY RESOURCES = 9+10a+10c-11a-11c	53,027	53,553	55,622	57,202

	Proje	cted				
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
_	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
	-	-	-	-	-	-

58,316	59,059	60,902	62,463	62,729	66,633	68,554
51,896	51,896	52,025	52,376	52,376	52,583	52,595
50,629	50,629	50,629	50,629	50,629	50,629	50,629
-	-	-	-	-	-	-
-	-	-	-	-	-	-
55	55	55	55	55	55	55
462	462	462	462	462	462	462
1,267	1,267	1,396	1,747	1,747	1,954	1,966
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
1,159	1,159	1,159	1,510	1,510	1,533	1,533
109	109	238	238	238	422	434
6,420	7,163	8,877	10,087	10,353	14,050	15,959
6,420	7,163	8,877	10,087	10,353	14,050	15,959
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
191	258	258	202	202	201	201
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
_	-	-	-	-	-	-

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-	-		-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	•	-
-	-	-	-	-	-	-
-	-	-	-	-		-
-	-	-	-	-	-	-
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
-	-	-	-	2,100	-	-
_	_	_	_	_	_	_
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	ı	-
-	-	-	-	-	-	-
-	-	-	-	-	-	_
59,312	59,979	61,693	62,904	63,170	65,866	67,434
00,012	00,070	01,000	02,007	00,170	00,000	σ_{i}, τ_{o}

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

Region	MRO
Subregion	
Country	U

	SUMMER	Actual			
Line#	DESCRIPTION	2007	2008	2009	2010
1	Unrestricted Non-coincident Peak Demand (Starting Point) = 2+1a+1l	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
	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
	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

	Certain (Note: The sum of 6a1 through 6a4 may not equal 6a and				
6a	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
	Biomass Expected On-Peak	256	275	275	275
	Uncertain (Note: The sum of 6b1 through 6b6 may not equal 6b and				
6b	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
	Planned (Note: Only the net expected On-Peak values are included				
	in this line and does not include Energy Only. The values below are				
7a	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		-	-	-
	Hydro Derate On-Peak		-	-	-
	Biomass Expected On-Peak		-	2	45
7a8	Biomass Derate On-Peak		-	0	1
7a9	Energy Only		-	-	-
	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
	Wind Expected On-Peak		467	2,152	4,635
	Wind Derate On-Peak		1,869	8,633	18,640
	Solar Expected On-Peak		-	-	-
	Solar Derate On-Peak		-	-	-
	Hydro Expected On-Peak		-	-	-
7b6	Hydro Derate On-Peak		-	-	-

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

	Proje	cted				
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

		-	I			
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
000		000	000	000	000	000
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						

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

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

Region	NPCC
Subregion	NE
Country	U

	SUMMER	Actual			
Line#	DESCRIPTION	2007	2008	2009	2010
	Unrestricted Non-coincident Peak Demand				
1	(Starting Point) = 2+1a+1b-1c-1d	27,460	27,970	28,480	28,955
1a	New Conservation (Energy Efficiency)		-	-	-
1b	Estimated Diversity		-	-	-
	Additions for non-member load (load served by non-registered LSE's				
1c	in a region)		-	-	-
	Stand-by Load Under Contract (Normally served by behind the meter				
1d	generation)		-	-	-
2	Total Internal Demand	27,460	27,970	28,480	28,955
2a	Direct Control Load Management		-	-	-
2b	Contractually Interruptible (Curtailable)		-	-	-
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
	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.)				
4	= 4a+4b+4c+4d				
	Spinning Reserves	-			
	· •				
	Non-Spinning Reserves			-	-
	Regulation			-	-
40	Emergency		- 1	-	-

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
	Certain (Note: The sum of 6a1 through 6a4 may not equal 6a and				
	must be <= 6a)	30,879	30,892	30,874	30,412
	Wind Expected On-Peak	5	4	5	0
	Solar Expected On-Peak	0	0	0	0
	Hydro Expected On-Peak	728	765	708	579
6a4	Biomass Expected On-Peak	1,013	888	924	967
	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		-	-	-
	Hydro Derate On-Peak		-	-	-
6b4	Biomass Derate On-Peak		-	-	-
	Energy Only		-	-	-
6b6	Inoperable		-	-	-
7	PLANNED AND PROPOSED CAPACITY ADDITIONS = 7a+7b		351	2,500	7,753
	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
	Wind Expected On-Peak		-	43	10
	Wind Derate On-Peak			-	-
	Solar Expected On-Peak			-	-
7a4	Solar Derate On-Peak			-	-
	Hydro Expected On-Peak		16	16	16
	Hydro Derate On-Peak			-	-
	Biomass Expected On-Peak		17	25	2
	Biomass Derate On-Peak			-	-
7a9	Energy Only			-	-
	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
	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
	CAPACITY PURCHASES AND INCOMING ADJUSTMENTS =				
10	10a+10b+10c+10d		-	-	-
	Firm	-	-	-	-
10b	Non-firm		-	-	-
	Expected - no contract executed, but in negotiation, projected, or				
10c	other.		-	-	-
	Provisional – transactions under study, but negotiations have not				
10d	begun.		-	-	-
	CAPACITY SALES AND OUTGOING ADJUSTMENTS =				
11	11a+11b+11c+11d		-	-	-
	Firm	-	-	-	-
11b	Non-firm		-	-	-
	Expected - no contract executed, but in negotiation, projected, or				
11c	other.		-	-	-
	Provisional – transactions under study, but negotiations have not				
11d	begun.		-	-	-
12	NET CAPACITY RESOURCES = 9+10a+10c-11a-11c	30,879	31,073	31,403	30,839

	Proje	cted				
2011	2012	2013	2014	2015	2016	2017
00.405	00.000	00.400	00.510	00.700	0.1.005	04.050
29,405	29,820	30,190	30,510	30,790	31,035	31,250
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	1	1	-	1	-
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
_	_	_	-	-	_	_
_	_	_	-	_	_	_
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_	_	_	-	_	_	_

	Ī					
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
407	407	407	407	407	407	407
427	427	427	427	427	427	427
10	10	10	10	10	10	10
-	-	-	-	-	-	-
-	-	-	-	-	-	-
16	16	16	16	16	16	16
- 10	-	-	-	-	-	-
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
-	-	-	-	-	-	-

-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	1
-	-	-	-	-	-	1
474	474	474	515	515	515	515
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
30,839	30,839	30,839	30,839	30,839	30,839	30,839
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	
30.930	30.930	30,839	30.930	30.930	30.930	30 930
30,839	30,839	30,039	30,839	30,839	30,839	30,839

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

Region	NPCC
Subregion	NY
Country	U

	SUMMER	Actual			
Line#	DESCRIPTION	2007	2008	2009	2010
	Unrestricted Non-coincident Peak Demand (Starting Point) =				
1	2+1a+1b-1c-1d	32,169	33,809	34,167	34,444
1a	New Conservation (Energy Efficiency)		-	-	-
1b	Estimated Diversity		-	-	-
	Additions for non-member load (load served by non-registered LSE's				
1c	in a region)		-	-	-
	Stand-by Load Under Contract (Normally served by behind the meter				
1d	generation)		-	-	-
2	Total Internal Demand	32,169	33,809	34,167	34,444
2a	Direct Control Load Management	301	301	301	301
	Contractually Interruptible (Curtailable)		-	-	-
	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
	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				
4	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
6	EXISTING CAPACITY = 6a+6b	39,371	39,095	39,095	38
	Certain (Note: The sum of 6a1 through 6a4 may not equal 6a and	,	,	,	
6a	must be <= 6a)	39,371	38,713	38,713	37
6a1	Wind Expected On-Peak	,	42	42	
	Solar Expected On-Peak		-	-	
	Hydro Expected On-Peak		-	-	
	Biomass Expected On-Peak		357	357	
	Uncertain (Note: The sum of 6b1 through 6b6 may not equal 6b and				
6b	must be <= 6b)		382	382	
6b1	Wind Derate On-Peak		382	382	
6b2	Solar Derate On-Peak		-	-	
6b3	Hydro Derate On-Peak		-	-	
	Biomass Derate On-Peak		-	-	
6b5	Energy Only		-	-	
6b6	Inoperable		-	-	
7	PLANNED AND PROPOSED CAPACITY ADDITIONS = 7a+7b		35	503	
	Planned (Note: Only the net expected On-Peak values are included				
	in this line and does not include Energy Only. The values below are				
7a	informational and may not total 7a.)		35	496	
	Wind Expected On-Peak		28	51	
7a2	Wind Derate On-Peak		253	458	
7a3	Solar Expected On-Peak			-	
7a4	Solar Derate On-Peak			-	
7a5	Hydro Expected On-Peak			39	
7a6	Hydro Derate On-Peak			-	
7a7	Biomass Expected On-Peak		6	17	
7a8	Biomass Derate On-Peak			-	
7a9	Energy Only			-	
	Proposed (Note: Only the net expected On-Peak values are included				
	in this line and does not include Energy Only. The values below are				
7b	informational and may not total 7b.)			6	
	Wind Expected On-Peak			-	
	Wind Derate On-Peak			-	
7h3	Solar Expected On-Peak			_	

7b4	Solar Derate On-Peak			-	_
	Hydro Expected On-Peak			-	-
	Hydro Derate On-Peak			-	-
	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
	CAPACITY PURCHASES AND INCOMING ADJUSTMENTS =				
10	10a+10b+10c+10d		2,677	2,677	2,600
	Firm (net purchases and sales)	2,096	77	77	-
10b	Non-firm		-	-	-
	Expected - no contract executed, but in negotiation, projected, or				
10c	other.		2,600	2,600	2,600
	Provisional – transactions under study, but negotiations have not				
10d	begun.		-	-	-
	CAPACITY SALES AND OUTGOING ADJUSTMENTS =				
11	11a+11b+11c+11d		450	450	574
	Firm	-	-	-	124
11b	Non-firm		-	-	-
	Expected - no contract executed, but in negotiation, projected, or				
11c	other.		450	450	450
ļ ,	Provisional – transactions under study, but negotiations have not				
11d	begun.		-	-	-
		11.15=	10.0=:	11.105	10.11
12	NET CAPACITY RESOURCES = 9+10a+10c-11a-11c	41,467	40,974	41,436	40,411

	Proje	cted				
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
301	301	301	301	301	301	301
4 207	4 207	4 007	4 207	4 207	4 207	4 207
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	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

-	-	-	-	-	-	-
-	-			1	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	•	-	-
-	-	-	-	•	-	-
-	-	-	-	-	-	-
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
	-	-	-	-	-	-
	44.55					
41,250	41,250	41,127	41,077	41,077	41,077	41,077

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

Region	RFC
Subregion	
Country	U

	SUMMER	Actual			
Line#	DESCRIPTION	2007	2008	2009	2010
	Unrestricted Non-coincident Peak Demand (Starting Point) =				
1	2+1a+1b-1c-1d	180,063	184,000	187,100	190,700
1a	New Conservation (Energy Efficiency)		-	-	-
1b	Estimated Diversity		-	-	-
	Additions for non-member load (load served by non-registered LSE's				
1c	in a region)		-	-	-
	Stand-by Load Under Contract (Normally served by behind the meter				
1d	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
	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				
4	make up a portion of lines 2a through 2c.) = 4a+4b+4c+4d	-	334	334	334
4a	Spinning Reserves		325	325	325
	Non-Spinning Reserves		-	-	_
4c	Regulation		-	-	-
4d	Emergency		9	9	9

	AL INTERNAL CAPACITY = 6+7	215,020	216,811	222,331	232,921
i i					
6 EXIST	TING CAPACITY = 6a+6b	215,020	216,811	216,811	216,811
Certai	in (Note: The sum of 6a1 through 6a4 may not equal 6a and				
	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
	ass Expected On-Peak	674	691	691	691
Uncer	rtain (Note: The sum of 6b1 through 6b6 may not equal 6b and				
	be <= 6b)	1,806	3,062	3,062	3,062
	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 Bioma	ass Derate On-Peak	21	21	21	21
6b5 Energ	gy Only	580	580	580	580
6b6 Inope	erable		662	-	-
7 PLAN	INED AND PROPOSED CAPACITY ADDITIONS = 7a+7b		-	5,520	16,110
	ned (Note: Only the net expected On-Peak values are included				
in this	s line and does not include Energy Only. The values below are				
7a inform	national 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 Bioma	ass Expected On-Peak		-	49	239
7a8 Bioma	ass Derate On-Peak		-	-	-
7a9 Energ	gy Only		-	-	-
Propo	osed (Note: Only the net expected On-Peak values are included				
in this	s line and does not include Energy Only. The values below are				
	national and may not total 7b.)		-	4,524	12,272
	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
	CAPACITY PURCHASES AND INCOMING ADJUSTMENTS =				
10	10a+10b+10c+10d		2,307	2,307	2,307
	Firm	330	2,307	2,307	2,307
10b	Non-firm		-	-	-
	Expected - no contract executed, but in negotiation, projected, or				
10c	other.		-	-	-
	Provisional – transactions under study, but negotiations have not				
10d	begun.		-	-	-
	CAPACITY SALES AND OUTGOING ADJUSTMENTS =				
11	11a+11b+11c+11d		2,269	2,269	2,269
	Firm		2,269	2,269	2,269
11b	Non-firm		-	-	-
	Expected - no contract executed, but in negotiation, projected, or				
11c	other.		-	-	-
	Provisional – transactions under study, but negotiations have not				
11d	begun.		-	-	-
12	NET CAPACITY RESOURCES = 9+10a+10c-11a-11c	213,544	213,787	214,783	217,625

	Proje	ected				
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				268,293	269,856
		264,680	265,120	266,653		
216,811	216,811	216,811	216,811	216,811	216,811	216,811
,		·	ŕ	,	·	•
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

1	-	ı	ı	ı	1	-
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
-	-	-	-	-	-	-
-	-	1	1	-	-	-
-	-	-	-	-	-	-
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

Table 5f. Summer (SERC) Historical and Projected Demand and Capacity, Calendar Year 2007 (Megawatts)

Region	SERC
Subregion	
Country	U

	SUMMER	SUMMER Actual Projected										
Line#	DESCRIPTION	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
	Unrestricted Non-coincident Peak Demand (Starting Point) =											
1	2+1a+1b-1c-1d	209,109	204,530	209,177	213,792	218,063	222,202	226,418	231,140	235,697	239,987	244,478
1a	New Conservation (Energy Efficiency)		81	241	429	652	981	1,143	1,313	1,487	1,589	1,822
1b	Estimated Diversity	-	-	_	_	-	-	_	-	_	-	-
	Additions for non-member load (load served by non-registered LSE's											
1c	in a region)	-	317	323	328	334	340	346	352	358	365	371
	Stand-by Load Under Contract (Normally served by behind the meter											
	generation)	-	25	29	29	29	29	29	29	29	29	29
	Total Internal Demand	209,109	204,791	209,288	213,720	217,774	221,590	225,650	230,208	234,597	238,792	243,056
	Direct Control Load Management	589	970	1,001	1,033	1,073	1,172	1,151	1,244	1,342	1,353	1,358
	Contractually Interruptible (Curtailable)	2,854	4,953	5,092	5,226	5,232	5,226	5,228	5,230	5,247	5,262	5,260
	Critical Peak-Pricing (CPP) with Control	221	221	215	224	228	231	201	229	244	238	241
	Load as a Capacity Resource	124	125	126	127	127	127	127	127	127	127	127
3	Net Internal Demand = 2-2a-2b-2c-2d	205,321	198,522	202,854	207,110	211,114	214,834	218,943	223,378	227,637	231,812	236,070
		-	-	-	-	-	-	-	-	-	-	-
	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	750	760	776	780	784	786	788	790	792	792	792
	Spinning Reserves	98	98	98	98	98	98	98	98	98	98	98
	Non-Spinning Reserves	233	243	255	255	255	255	255	255	255	255	255
	Regulation	-	-	4	8	12	14	16	18	20	20	20
4d	Emergency	419	419	419	419	419	419	419	419	419	419	419
		-	-	-	-	-	-	-	-	-	-	-
5	TOTAL INTERNAL CAPACITY = 6+7	264,157	267,522	270,002	270,844	275,921	279,551	283,247	285,663	293,247	298,811	302,895
		-	-	-	-	-	-	-	-	-	-	-
6	EXISTING CAPACITY = 6a+6b	264,157	265,990	267,166	265,672	265,189	264,868	264,134	263,088	264,220	264,023	264,306
	Certain (Note: The sum of 6a1 through 6a4 may not equal 6a and											
	must be <= 6a)	235,189	237,019	238,194	236,696	236,202	235,866	235,014	233,942	235,056	234,825	235,079
	Wind Expected On-Peak	-	-	-	-	-	-	-	-	-		-
	Solar Expected On-Peak	1	1	1	1	1	1	1	1	1	1	1
	Hydro Expected On-Peak	13,204	13,191	13,195	13,211	13,216	13,219	13,222	13,224	13,224	13,224	13,224
6a4	Biomass Expected On-Peak	240	240	240	240	240	240	240	240	240	240	240
	Uncertain (Note: The sum of 6b1 through 6b6 may not equal 6b and											
	must be <= 6b)	28,969	28,972	28,972	28,977	28,988	29,002	29,120	29,147	29,165	29,199	29,228
	Wind Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
	Energy Only	-	-	-	-	-	-	-	-	-	-	-
6b6	Inoperable	980	980	540	540	540	540	540	540	540	540	540

		_	_	-	-	-	_	-	_		_	_
7	PLANNED AND PROPOSED CAPACITY ADDITIONS = 7a+7b		1,532	2,836	5,172	10,732	14,683	19,113	22,575	29,027	34,788	38,589
'	Planned (Note: Only the net expected On-Peak values are included		1,552	2,030	5,172	10,732	14,003	19,113	22,373	29,021	34,700	30,303
	in this line and does not include Energy Only. The values below are											
7a	informational and may not total 7a.)		349	1,419	2,760	5,186	6,692	7,844	7,848	7,852	7,856	7,860
	Wind Expected On-Peak		-	1,110	-	-		-	-			- 7,000
-	Wind Derate On-Peak		_		-	-	_	-	-			_
	Solar Expected On-Peak		-				_				-	_
	Solar Derate On-Peak		-		-	-	_		-		-	-
	Hydro Expected On-Peak		-	-	-		-	-	-	-		-
	Hydro Derate On-Peak			-	-	-	-	-	-		-	
	Biomass Expected On-Peak		-									-
	Biomass Derate On-Peak		-	2	2	2	2	2	2	2	2	2
			-	-	-	-	-	-	-	-	-	-
	Energy Only		-	-	-	-	-	-	-	-	-	-
	Proposed (Note: Only the net expected On-Peak values are included											
	in this line and does not include Energy Only. The values below are		4.465	4 44-	0.440	F F 10	7.001	44.000	44.767	04.4==	00.000	00.700
	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
	Wind Expected On-Peak		-	-	-	•	-	-	-	-	-	-
	Wind Derate On-Peak		-	-	-	-	-	-	-	-	-	-
	Solar Expected On-Peak		-	-	-	-	-	-	-	-	-	-
	Solar Derate On-Peak		-	-	-	-	-	-	-	-	-	-
	Hydro Expected On-Peak		-	-	-	-	-	-	-	-	-	-
	Hydro Derate On-Peak		-	•	-	•	-	-	-	-	-	-
	Biomass Expected On-Peak		-	•	-	•	-	-	-	-	-	-
	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
		-	-	-	-	-	-	-	-	-	-	-
	CAPACITY PURCHASES AND INCOMING ADJUSTMENTS =											
10	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
	Expected - no contract executed, but in negotiation, projected, or				_							
10c	other.	-	-	-	-	-	-	-	-	_	-	-
	Provisional – transactions under study, but negotiations have not											
10d	begun.	-	-	-	-	52	117	421	443	624	675	753
	-	-	-	-	-	-	-	-	-	-	-	-
	CAPACITY SALES AND OUTGOING ADJUSTMENTS =											
11	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
	Firm	5,655	6,152	5,700	5,239	5,338	5,100	5,135	5,182	5,221	2,983	2,946
	Non-firm	-		176	343	343	343	343	343	343	343	343
. 10	Expected - no contract executed, but in negotiation, projected, or			.70	0.40	0.40	0.40	0.10	0.10	0.10	0.40	040
110	other.	_	_	_	_	_	_	_	_	_	_	_
110	Provisional – transactions under study, but negotiations have not											
114	begun.	_		_	_	_	_ [_	_	_	_	_
110	~~3~	-			-	-	-	-	-			
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
14	112 1 0/11 / COTT NEOCONOLO = 371007100-110-110	234,232	∠ىن,405	231,031	231,304	230,933	240,213	∠4∪,4∠3	∠აჟ,აეე	Z4U,413	242,242	242,496

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

Region	SPP
Subregion	
Country	U

	SUMMER	Actual			
Line#	DESCRIPTION	2007	2008	2009	2010
	Unrestricted Non-coincident Peak Demand (Starting Point) =				
1	2+1a+1b-1c-1d	43,167	43,852	44,857	45,751
	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 (Curtailable)	477	487	492	497
	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
	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
	Spinning Reserves	91	91	91	91
4b	Non-Spinning Reserves	91	91	91	91
	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
	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
	Hydro Expected On-Peak	2,892	2,939	2,965	3,005
6a4	Biomass Expected On-Peak	210	285	285	365
	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	-	-	-	ı
6b3	Hydro Derate On-Peak	3	3	-	ı
6b4	Biomass Derate On-Peak	-	-	-	ı
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
	Planned (Note: Only the net expected On-Peak values are included				
	in this line and does not include Energy Only. The values below are				
7a	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
	Proposed (Note: Only the net expected On-Peak values are included				
	in this line and does not include Energy Only. The values below are				
7b	informational and may not total 7b.)		-	3,914	4,465
	Wind Expected On-Peak		-	538	538
	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
	CAPACITY PURCHASES AND INCOMING ADJUSTMENTS =				
10	10a+10b+10c+10d		2,789	2,789	2,789
	Firm	2,789	2,789	2,789	2,789
10b	Non-firm		-	-	-
	Expected - no contract executed, but in negotiation, projected, or				
10c	other.		-	-	-
	Provisional – transactions under study, but negotiations have not				
10d	begun.		-	-	-
	CAPACITY SALES AND OUTGOING ADJUSTMENTS =				
11	11a+11b+11c+11d		1,550	1,550	1,550
	Firm	1,550	1,550	1,550	1,550
11b	Non-firm		-	-	-
	Expected - no contract executed, but in negotiation, projected, or				
11c	other.		-	-	-
	Provisional – transactions under study, but negotiations have not				
11d	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					
-	-	-	-	-	-	-					
_	-	-	1	1	-	-					
_	-	-	-	-	-	-					
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					
050	050	050	0.50	0.50	050	252					
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
07,000	00,000	00,700	00,000	00,020	70,001	7 1,001
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
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
-	-	-	-	-	-	-
i						

-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
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
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
52,004	E4 200	F4 600	E4 C40	FF 0F0	EE 0E0	EE 704
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)

Region	TRE
Subregion	
Country	U

	SUMMER	Actual			
Line#	DESCRIPTION	2007	2008	2009	2010
	Unrestricted Non-coincident Peak Demand (Starting Point) =				
1	2+1a+1b-1c-1d	62,188	64,927	66,247	67,641
1a	New Conservation (Energy Efficiency)		143	160	160
1b	Estimated Diversity	-	-	-	-
	Additions for non-member load (load served by non-registered LSE's				
1c	in a region)	-	-	-	-
	Stand-by Load Under Contract (Normally served by behind the meter				
1d	generation)	-	-	-	-
2	Total Internal Demand	62,188	64,784	66,087	67,481
2a	Direct Control Load Management	-	-	-	-
2b	Contractually Interruptible (Curtailable)	-	-	-	-
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
	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				
4	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
	Non-Spinning Reserves	-	-	· -	-
	Regulation	-	-	-	-
4d	Emergency	-	-	-	-

,	5	TOTAL INTERNAL CAPACITY = 6+7	75,912	80,806	89,342	103,073
Certain (Note: The sum of 6a1 through 6a4 may not equal 6a and 6a must be <= 6a)						
6al must be <= 6a) 75,912 70,886 71,197 71,732 6a1 Wind Expected On-Peak 468 468 468 6a2 Solar Expected On-Peak 586 586 586 6a4 Biomass Expected On-Peak 586 586 586 6a4 Biomass Expected On-Peak 586 586 586 6a4 Biomass Expected On-Peak 586 586 586 6bt Mind Derate On-Peak 586 586 586 6bt Wind Derate On-Peak 4,910 4,910 4,910 4,910 6b2 Solar Derate On-Peak 586 685 8,559 8,486 6b1 Wind Derate On-Peak 590 4,910 4,910 4,910 4,910 6b2 Solar Derate On-Peak 590 6b3 6b4 6b5	6		75,912	79,942	79,756	80,218
6a1 Wind Expected On-Peak 468 468 468 6a2 Solar Expected On-Peak -		` ,				
6a2 Solar Expected On-Peak 6a3 Hydro Expected On-Peak 6a4 Biomass Expected On-Peak 6b must be <= 6b) 6b Wind Derate On-Peak 6b3 Hydro Expected On-Peak 6b0 Wind Derate On-Peak 6b1 Wind Derate On-Peak 6b2 Solar Derate On-Peak 6b3 Hydro 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 7 PLANNED AND PROPOSED CAPACITY ADDITIONS = 7a+7b 7 PLANNED AND PROPOSED CAPACITY ADDITIONS = 7a+7b 864 3,799 5,409 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 7a8 Biomass Derate On-Peak 7a9 Energy Only 7b			75,912			
6a3 Hydro Expected On-Peak 5a6 5a6 5a6 5a6 6a4 Biomass Expected On-Peak 5a7 5a7 5a7 6b8 6a7 8b8 6a8 6a8 6a8 6a8 6a8 6a8 6a8 6a8 6a8 6a		· ·		468	468	468
6a4 Biomass Expected On-Peak 53 53 53 53				-	-	-
Uncertain (Note: The sum of 6b1 through 6b6 may not equal 6b and 6b must be <= 6b)						
Solar Derate On-Peak 9,056 8,559 8,486	6a4			53	53	53
6b1 Wind Derate On-Peak 4,910 4,910 4,910 6b2 Solar Derate On-Peak		`				
6b2 Solar Derate On-Peak						
605 Hydro Derate On-Peak -				4,910	4,910	4,910
Section				-	-	-
Comparison				-	-	-
6b6 Inoperable 4,146 3,649 3,576 7 PLANNED AND PROPOSED CAPACITY ADDITIONS = 7a+7b 864 9,586 22,856 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 Expected On-Peak - - 7a7 Biomass Expected On-Peak - - 7a8 Biomass Derate On-Peak - - 7a9 Energy Only - - 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	6b4	Biomass Derate On-Peak		-	-	-
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.) 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 7a8 Biomass Derate On-Peak 7a9 Energy Only Proposed (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are 7b Informational and may not total 7b.) 7b1 Wind Expected On-Peak 786 1,775 7b2 Wind Derate On-Peak 864 9,586 22,856 864 3,799 5,409 864 3,799 864 3,799 864 3,799 864 3,799 864 3,799 864 3,799 864 3,799 864 3,799 864				-	-	-
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.) 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 7a8 Biomass Derate On-Peak 7a9 Energy Only 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 7a6 Hydro Derate On-Peak 7a7 Biomass Derate On-Peak 7a8 Biomass Derate On-Peak 7a9 Energy Only 7b1 Wind Expected On-Peak 7b2 Wind Derate On-Peak 786 1,775	6b6	Inoperable		4,146	3,649	3,576
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.) 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 7a8 Biomass Derate On-Peak 7a9 Energy Only 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 7a6 Hydro Derate On-Peak 7a7 Biomass Derate On-Peak 7a8 Biomass Derate On-Peak 7a9 Energy Only 7b1 Wind Expected On-Peak 7b2 Wind Derate On-Peak 786 1,775						
in this line and does not include Energy Only. The values below are 7a informational and may not total 7a.) 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 7a8 Biomass Derate On-Peak 7a9 Energy Only Proposed (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are 7b Wind Expected On-Peak 7b Wind Expected On-Peak 7b Wind Expected On-Peak 7b Wind Expected On-Peak 7b Wind Derate On-Peak 7c Wind Derate On-Peak	7	PLANNED AND PROPOSED CAPACITY ADDITIONS = 7a+7b		864	9,586	22,856
7a 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 - - - 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		Planned (Note: Only the net expected On-Peak values are included				
7a1 Wind Expected On-Peak133423477a2 Wind Derate On-Peak1373,5863,6417a3 Solar Expected On-Peak7a4 Solar Derate On-Peak7a5 Hydro Expected On-Peak7a6 Hydro Derate On-Peak7a7 Biomass Expected On-Peak7a8 Biomass Derate On-Peak7a9 Energy OnlyProposed (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are5,78717,4477b1 Wind Expected On-Peak7861,7757b2 Wind Derate On-Peak8,25418,623		in this line and does not include Energy Only. The values below are				
7a2 Wind Derate On-Peak1373,5863,6417a3 Solar Expected On-Peak7a4 Solar Derate On-Peak7a5 Hydro Expected On-Peak7a6 Hydro Derate On-Peak7a7 Biomass Expected On-Peak7a8 Biomass Derate On-Peak7a9 Energy OnlyProposed (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.)5,78717,4477b1 Wind Expected On-Peak7861,7757b2 Wind Derate On-Peak8,25418,623	7a	informational and may not total 7a.)		864	3,799	5,409
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 Proposed (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are 7b Informational and may not total 7b.) 7b1 Wind Expected On-Peak 7a8 Derate On-Peak 7b2 Wind Derate On-Peak 7c4 Derate On-Peak 7c5 Derate On-Peak 7c6 Derate On-Peak 7c7 Derate On-Peak 7c8 Derate On-Peak 7c9 Derate O	7a1	Wind Expected On-Peak		13	342	347
7a3Solar Expected On-Peak7a4Solar Derate On-Peak7a5Hydro Expected On-Peak7a6Hydro Derate On-Peak7a7Biomass Expected On-Peak7a8Biomass Derate On-Peak7a9Energy OnlyProposed (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.)5,78717,4477b1Wind Expected On-Peak7861,7757b2Wind Derate On-Peak8,25418,623	7a2	Wind Derate On-Peak		137	3,586	3,641
Ta5 Hydro Expected On-Peak 7a6 Hydro Derate On-Peak 7a7 Biomass Expected On-Peak 7a8 Biomass Derate On-Peak 7a9 Energy Only Proposed (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are 7b informational and may not total 7b.) 7b1 Wind Expected On-Peak 7b2 Wind Derate On-Peak 7a8 Biomass Expected On-Peak	7a3	Solar Expected On-Peak			-	-
7a6 Hydro Derate On-Peak 7a7 Biomass Expected On-Peak 7a8 Biomass Derate On-Peak 7a9 Energy Only Proposed (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are 7b informational and may not total 7b.) 7b1 Wind Expected On-Peak 7b2 Wind Derate On-Peak 8,254 18,623	7a4	Solar Derate On-Peak			-	-
7a7 Biomass Expected On-Peak 7a8 Biomass Derate On-Peak 7a9 Energy Only Proposed (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are 7b informational and may not total 7b.) 7b1 Wind Expected On-Peak 7b2 Wind Derate On-Peak 8,254 18,623	7a5	Hydro Expected On-Peak			-	-
7a8 Biomass Derate On-Peak 7a9 Energy Only Proposed (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are 7b informational and may not total 7b.) 5,787 17,447 7b1 Wind Expected On-Peak 7b2 Wind Derate On-Peak 8,254 18,623	7a6	Hydro Derate On-Peak			-	-
7a9 Energy Only Proposed (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are 7b informational and may not total 7b.) 7b1 Wind Expected On-Peak 7b2 Wind Derate On-Peak 8,254 18,623	7a7	Biomass Expected On-Peak			-	-
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 8,254 18,623	7a8	Biomass Derate On-Peak			-	-
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 8,254 18,623	7a9	Energy Only			-	-
7b 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						
7b 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		· · · · · · · · · · · · · · · · · · ·				
7b1 Wind Expected On-Peak 786 1,775 7b2 Wind Derate On-Peak 8,254 18,623	7b				5,787	17,447
7b2 Wind Derate On-Peak 8,254 18,623					· ·	1,775
						18,623
					-	-

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
	CAPACITY PURCHASES AND INCOMING ADJUSTMENTS =				
10	10a+10b+10c+10d		800	800	800
	Firm		800	800	800
10b	Non-firm		-	-	-
	Expected - no contract executed, but in negotiation, projected, or				
10c	other.		-	-	-
	Provisional – transactions under study, but negotiations have not				
10d	begun.		-	-	-
	CAPACITY SALES AND OUTGOING ADJUSTMENTS =				
11	11a+11b+11c+11d		47	47	47
	Firm		47	47	47
11b	Non-firm		-	-	-
	Expected - no contract executed, but in negotiation, projected, or				
11c	other.		-	-	-
	Provisional – transactions under study, but negotiations have not				
11d	begun.		-	-	-
12	NET CAPACITY RESOURCES = 9+10a+10c-11a-11c	75,912	72,503	75,749	77,894

	Proje	ected				
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
1.050	1.050	1.050	1.050	1.050	1.050	1.050
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	1,059
-	-	-	-	-	-	-
			-	-	-	-
-	-	-	-	-	-	-

79,462 80,387 71,733<	116,626	124,517	124,712	124,712	124,712	124,712	124,712
70,808 71,733 71,646 468		, -	,	,	,	,	,
468 586 586 <td>79,462</td> <td>80,387</td> <td>80,387</td> <td>80,387</td> <td>80,387</td> <td>80,387</td> <td>80,387</td>	79,462	80,387	80,387	80,387	80,387	80,387	80,387
468 586 586 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
- -	70,808	71,733	71,733	71,733	71,733	71,733	71,733
53 8,655 8,655	468	468	468	468	468	468	468
53 8,655 8,655	-	-	-	-	-	-	-
8,655 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 - - - - - - - - - -							
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4,910 4,912 4,912 4,912 4,912 4,912 4,915 3,745 3,745 3,745 3,745 3,745 3,745 3,745 3,745 3,745 3,745 44,325 44,325 44,325 44,325 44,325 44,325 44,325							
	4,910	4,910	4,910	4,910	4,910	4,910	4,910
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	-	-	-		-	-	-
37,164 44,129 44,325 <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td>	-	-	-	-	-	-	-
37,164 44,129 44,325 <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td>		-	-	-	-	-	-
6,357 6,357 6,357 6,357 6,357 6,357 6,357 370 370 370 370 370 370 3,888 3,888 3,888 3,888 3,888 3,888 3,888 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -	3,745	3,745	3,745	3,745	3,745	3,745	3,745
6,357 6,357 6,357 6,357 6,357 6,357 6,357 370 370 370 370 370 370 3,888 3,888 3,888 3,888 3,888 3,888 3,888 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -							
370 3788 3,828 3,828 3,7968 37,968 <	37,164	44,129	44,325	44,325	44,325	44,325	44,325
370 3788 3,828 3,828 3,7968 37,968 <							
370 3788 3,828 3,828 3,7968 37,968 <	0.057	0.057	0.057	0.057	0.057	0.057	0.057
3,888 3,888 3,888 3,888 3,888 3,888 - - - - - -							
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - <td>3,888</td> <td>3,888</td> <td>3,888</td> <td>3,888</td> <td>3,888</td> <td>3,888</td> <td>3,888</td>	3,888	3,888	3,888	3,888	3,888	3,888	3,888
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- - - - - - - - - - - - - - 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 29,635 37,066 39,120 39,120 39,120 39,120							
30,807 37,772 37,968 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							
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							
2,824 3,532 3,728 3,728 3,728 3,728 29,635 37,066 39,120 39,120 39,120 39,120							
2,824 3,532 3,728 3,728 3,728 3,728 29,635 37,066 39,120 39,120 39,120 39,120							
2,824 3,532 3,728 3,728 3,728 3,728 29,635 37,066 39,120 39,120 39,120 39,120	30.807	37.772	37.968	37.968	37.968	37.968	37.968
29,635 37,066 39,120 39,120 39,120 39,120 39,120							
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-	-	-	-	-	-	-
-	-	-	-	-	-	-
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 Next Update: October 2009

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

Region	WECC
Subregion	
Country	U

	SUMMER	Actual			
Line#	DESCRIPTION	2007	2008	2009	2010
	Unrestricted Non-coincident Peak Demand (Starting Point) =				
1	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
	Additions for non-member load (load served by non-registered LSE's				
1c	in a region)	1,569	1,587	1,623	1,656
	Stand-by Load Under Contract (Normally served by behind the meter				
1d	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
	Domand Dognange Hood for Angillany Comises				
	Demand Response Used for Ancillary Services				
	(Data entered in line 4 and lines 4a through 4d will not be used to				
4	adjust net internal demand although some of these resources may	259	307	330	240
4	make up a portion of lines 2a through 2c.) = 4a+4b+4c+4d	259	307	330	340
	Spinning Reserves		240	- 255	
	Non-Spinning Reserves	210	240	255	265
	Regulation	-	- 07		-
4d	Emergency	49	67	75	75

6 EXISTING CAPACITY = 6a+6b	5	TOTAL INTERNAL CAPACITY = 6+7	177,801	183,049	186,105	189,269
Certain (Note: The sum of 6a1 through 6a4 may not equal 6a and 6a must be <= 6a)						
6a must be <= 6a) 61 Wind Expected On-Peak 62 Solar Expected On-Peak 63 Hydro Expected On-Peak 64 Biomass Expected On-Peak 65 Biomass Expected On-Peak 66 Biomass Expected On-Peak 67 Solar Expected On-Peak 68 Biomass Expected On-Peak 68 Biomass Expected On-Peak 69 Biomass Expected On-Peak 60 Biomass Expected On-Peak 60 Biomass Derate On-Peak 61 Wind Derate On-Peak 62 Solar Derate On-Peak 63 Hydro Derate On-Peak 64 Hydro Derate On-Peak 65 Energy Only 65 Energy Only 66 Inoperable 76 Planned (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are 7a Biomass Derate On-Peak 77 PLANNED Expected On-Peak 78 Biomass Derate On-Peak 79 Hydro Derate On-Peak 70 Planned (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are 7a Biomass Derate On-Peak 78 Biomass Expected On-Peak 79 Biomass Expected On-Peak 70 Planned (Note: Only the net expected On-Peak 70 Hydro Derate On-Peak 71 Biomass Expected On-Peak 72 Wind Derate On-Peak 73 Biomass Expected On-Peak 74 Solar Expected On-Peak 75 Hydro Expected On-Peak 76 Hydro Derate On-Peak 77 Biomass Expected On-Peak 78 Biomass Derate On-Peak 79 Proposed (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are 7a Biomass Expected On-Peak 76 Hydro Derate On-Peak 77 Biomass Expected On-Peak 78 Biomass Derate On-Peak 79 Proposed (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are 7b Informational and may not total 7b.) 78 Biomass Derate On-Peak 79 Biomass Derate On-Peak 70 Wind Derate On-Peak 71 Mynd Expected On-Peak 72 Wind Derate On-Peak 74 Type Wind Expected On-Peak 75 Wind Derate On-Peak 76 Type Wind Expected On-Peak 77 Type Wind Expected On-Peak 78 Biomass Derate On-Peak 79 Wind Expected On-Peak 70 Wind Expected On-Peak 71 Type Wind Expected On-Peak 72 Wind Derate On-Peak	6	EXISTING CAPACITY = 6a+6b	177,801	177,801	177,801	177,801
6a1 Wind Expected On-Peak		Certain (Note: The sum of 6a1 through 6a4 may not equal 6a and				
6a2 Solar Expected On-Peak 396 396 396 396 6a3 Hydro Expected On-Peak 49,282 41,499 4,149			162,720	166,281	166,285	166,297
6a3 Hydro Expected On-Peak 6a4 Biomass Expected On-Peak 1,101 1,101 1,101 1,101 Uncertain (Note: The sum of 6b1 through 6b6 may not equal 6b and 6b 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 6,559 6,559 6,559 6,559 6b4 Biomass Derate On-Peak 6b5 Energy Only 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 7a6 Hydro Derate On-Peak 7 PLANED On-Peak 7 PLANED On-Peak 8 0,394 6,178 7,571 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 Expected On-Peak 7a7 Biomass Expected On-Peak 7a7 Biomass Expected On-Peak 7a8 Biomass Derate On-Peak 7a9 Energy Only 7b1 Wind Expected On-Peak 7b1 Wind Expected On-Peak 7b1 Wind Expected On-Peak 7b1 Wind Expected On-Peak 7b2 Wind Derate On-Peak 7b3 Wind Expected On-Peak 7b4 Wind Expected On-Peak 7b4 Wind Expected On-Peak 7b5 Wind Expected On-Peak 7b6 Wind Expected On-Peak 7b1 Wind Expected On-Peak 7b2 Wind Derate On-Peak 7b3 Wind Expected On-Peak 7b4 Wind Expected On-Peak 7b5 Wind Expected On-Peak 7b6 1,282 7b2 Wind Derate On-Peak 13a9 766 1,282	6a1	Wind Expected On-Peak	927	927	927	927
1,101	6a2	Solar Expected On-Peak	396	396		396
Uncertain (Note: The sum of 6b1 through 6b6 may not equal 6b and 6b must be <= 6b) 6b1 wind Derate On-Peak 6b2 Wind Derate On-Peak 6b3 Hydro Derate On-Peak 6b4 Biomass Derate On-Peak 6b5 Energy Only 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 7a3 Solar Expected On-Peak 7 August Expected On-Peak 8 August Expected On-Peak 9 August Expected On-Peak 10 11 11 11 11.50 11,504 11,506 11,508 11,508 11,508 11,509 11,506 11,508	6a3	Hydro Expected On-Peak	49,282	49,282	49,282	49,282
6b must be <= 6b) 6b1 Wind Derate On-Peak 6b1 Wind Derate On-Peak 6b2 Solar Derate On-Peak 6b2 Solar Derate On-Peak 6b3 Hydro Derate On-Peak 6b4 Biomass Derate On-Peak 6b5 Energy Only 6b6 Inoperable 6c5 Energy Only 6c6 Inoperable 6c7 PLANNED AND PROPOSED CAPACITY ADDITIONS = 7a+7b 6c8 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.) 6c9 Type Type Type Type Type Type Type Type	6a4	Biomass Expected On-Peak	1,101	1,101	1,101	1,101
Solar Derate On-Peak		Uncertain (Note: The sum of 6b1 through 6b6 may not equal 6b and				
Solar Derate On-Peak 111			15,081	11,520	11,516	11,504
653 Hydro Derate On-Peak 6,559	6b1	Wind Derate On-Peak	4,149	4,149	4,149	4,149
6b4 Biomass Derate On-Peak 256 256 256 256 6b5 Energy Only -	6b2	Solar Derate On-Peak	111	111	111	111
Comparison	6b3	Hydro Derate On-Peak	6,559	6,559	6,559	6,559
6b6 Inoperable 4,002 441 437 425 7 PLANNED AND PROPOSED CAPACITY ADDITIONS = 7a+7b 5,248 8,304 11,468 Planned (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are 7a 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 47 102 102 7a8 Biomass Derate On-Peak 10 11 11 7a9 Energy Only - - - - 7b informational and may not total 7b.) 1,304 2,126 3,897 7b1 Wind Expected On-Peak 26 122 <td>6b4</td> <td>Biomass Derate On-Peak</td> <td>256</td> <td>256</td> <td>256</td> <td>256</td>	6b4	Biomass Derate On-Peak	256	256	256	256
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 7a informational and may not total 7a.) 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 7a7 Biomass Expected On-Peak 7a8 Biomass Derate On-Peak 7a9 Energy Only 7a9 Energy Only 7a9 Energy Only 7b0 informational and may not total 7b.) 7b1 Wind Expected On-Peak 7b2 Wind Derate On-Peak 7b2 Wind Derate On-Peak 7b3 Wind Expected On-Peak 7b4 Wind Expected On-Peak 7b5 Wind Derate On-Peak 7b6 1,282	6b5	Energy Only	-	-	-	-
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.) 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 7a8 Biomass Derate On-Peak 7a8 Biomass Derate On-Peak 7a9 Energy Only 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 7a6 Hydro Derate On-Peak 7b2 Wind Derate On-Peak 7b3 Hydro Derate On-Peak 7b4 Hydro Derate On-Peak 7b5 Wind Expected On-Peak 7b6 Hydro Derate On-Peak 7b7 Hydro Derate On-Peak 7b8 Hydro Derate On-Peak 7b9 Wind Derate On-Peak 7b1 Wind Expected On-Peak 7b2 Wind Derate On-Peak 7b3 Hydro Derate On-Peak 7b4 Hydro Derate On-Peak 7b5 Wind Derate On-Peak 7b6 Hydro Derate On-Peak 7b7 Hydro Derate On-Peak 7b8 Hydro Derate On-Peak 7b9 Hydro Derate On-Peak 7b9 Hydro Derate On-Peak 7b9 Hydro Derate On-Peak 7b1 Wind Expected On-Peak 7b2 Wind Derate On-Peak	6b6	Inoperable	4,002	441	437	425
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.) 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 7a8 Biomass Derate On-Peak 7a8 Biomass Derate On-Peak 7a9 Energy Only 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 7a6 Hydro Derate On-Peak 7b2 Wind Derate On-Peak 7b3 Hydro Derate On-Peak 7b4 Hydro Derate On-Peak 7b5 Wind Expected On-Peak 7b6 Hydro Derate On-Peak 7b7 Hydro Derate On-Peak 7b8 Hydro Derate On-Peak 7b9 Wind Derate On-Peak 7b1 Wind Expected On-Peak 7b2 Wind Derate On-Peak 7b3 Hydro Derate On-Peak 7b4 Hydro Derate On-Peak 7b5 Wind Derate On-Peak 7b6 Hydro Derate On-Peak 7b7 Hydro Derate On-Peak 7b8 Hydro Derate On-Peak 7b9 Hydro Derate On-Peak 7b9 Hydro Derate On-Peak 7b9 Hydro Derate On-Peak 7b1 Wind Expected On-Peak 7b2 Wind Derate On-Peak						
in this line and does not include Energy Only. The values below are informational and may not total 7a.) 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 7a8 Biomass Derate On-Peak 7a9 Energy Only Proposed (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are 7b1 Wind Expected On-Peak 7a6 Hydro Derate On-Peak 7a7 Biomass Expected On-Peak 7a8 Biomass Derate On-Peak 7a9 Energy Only 7a9 Energy Only The values below are 7b2 Wind Expected On-Peak 7a9 Energy On-Peak 7a9 Energy Only 7a9 Energy Onl	7	PLANNED AND PROPOSED CAPACITY ADDITIONS = 7a+7b		5,248	8,304	11,468
7a 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 - - - 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		Planned (Note: Only the net expected On-Peak values are included				
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 - - - Proposed (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are 1,304 2,126 3,897 7b1 Wind Expected On-Peak 26 122 212 7b2 Wind Derate On-Peak 139 766 1,282		in this line and does not include Energy Only. The values below are				
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 - - - Proposed (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are 1,304 2,126 3,897 7b1 Wind Expected On-Peak 26 122 212 7b2 Wind Derate On-Peak 139 766 1,282	7a	informational and may not total 7a.)		3,944	6,178	7,571
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 - - - - Proposed (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are 1,304 2,126 3,897 7b1 Wind Expected On-Peak 26 122 212 7b2 Wind Derate On-Peak 139 766 1,282	7a1	Wind Expected On-Peak		229	479	479
7a4 Solar Derate On-Peak447a5 Hydro Expected On-Peak(24)46737a6 Hydro Derate On-Peak7a7 Biomass Expected On-Peak471021027a8 Biomass Derate On-Peak1011117a9 Energy OnlyProposed (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.)1,3042,1263,8977b1 Wind Expected On-Peak261222127b2 Wind Derate On-Peak1397661,282	7a2	Wind Derate On-Peak		1,400	2,629	2,629
7a5 Hydro Expected On-Peak(24)46737a6 Hydro Derate On-Peak7a7 Biomass Expected On-Peak471021027a8 Biomass Derate On-Peak1011117a9 Energy OnlyProposed (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.)1,3042,1263,8977b1 Wind Expected On-Peak261222127b2 Wind Derate On-Peak1397661,282	7a3	Solar Expected On-Peak		4	4	4
7a6 Hydro Derate On-Peak 7a7 Biomass Expected On-Peak 7a8 Biomass Derate On-Peak 7a9 Energy Only Proposed (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are 7b informational and may not total 7b.) 7b1 Wind Expected On-Peak 7b2 Wind Derate On-Peak 139 766 1,282	7a4	Solar Derate On-Peak		4	4	4
7a7 Biomass Expected On-Peak 7a8 Biomass Derate On-Peak 7a9 Energy Only Proposed (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are 7b informational and may not total 7b.) 7b1 Wind Expected On-Peak 7b2 Wind Derate On-Peak 100 11 11 11 11 11 11 12 102 102 11 11	7a5	Hydro Expected On-Peak		(24)	46	73
7a8 Biomass Derate On-Peak1011117a9 Energy OnlyProposed (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are7b informational and may not total 7b.)1,3042,1263,8977b1 Wind Expected On-Peak261222127b2 Wind Derate On-Peak1397661,282	7a6	Hydro Derate On-Peak		-	-	-
7a9 Energy Only 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 26 122 212 7b2 Wind Derate On-Peak 139 766 1,282	7a7	Biomass Expected On-Peak		47	102	102
Proposed (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only. The values below are 7b informational and may not total 7b.) 7b1 Wind Expected On-Peak 7b2 Wind Derate On-Peak 139 766 1,282	7a8	Biomass Derate On-Peak		10	11	11
in this line and does not include Energy Only. The values below are 7b informational and may not total 7b.) 7b1 Wind Expected On-Peak 7b2 Wind Derate On-Peak 139 766 1,282	7a9	Energy Only		-	-	-
7b 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		Proposed (Note: Only the net expected On-Peak values are included				
7b1 Wind Expected On-Peak 26 122 212 7b2 Wind Derate On-Peak 139 766 1,282		in this line and does not include Energy Only. The values below are				
7b1 Wind Expected On-Peak 26 122 212 7b2 Wind Derate On-Peak 139 766 1,282	7b			1,304	2,126	3,897
7b2 Wind Derate On-Peak 139 766 1,282					•	
	7b2	Wind Derate On-Peak		139	766	1,282
	7b3	Solar Expected On-Peak		-	1	

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
	CAPACITY PURCHASES AND INCOMING ADJUSTMENTS =				
10	10a+10b+10c+10d		1,283	1,173	985
	Firm (net purchases and sales)	1,691	807	777	625
10b	Non-firm	-	-	-	-
	Expected - no contract executed, but in negotiation, projected, or				
10c	other.	-	476	396	360
	Provisional – transactions under study, but negotiations have not				
10d	begun.	-	-	-	-
	CAPACITY SALES AND OUTGOING ADJUSTMENTS =				
11	11a+11b+11c+11d		1,632	1,469	1,359
	Firm	878	580	411	296
11b	Non-firm	-	-	-	-
	Expected - no contract executed, but in negotiation, projected, or				
11c	other.	-	1,052	1,058	1,063
	Provisional – transactions under study, but negotiations have not				
11d	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	
- 340	-	-	-	-	-	-	
273	273	273	273	273	273	273	
-	-	-	-	-	-	-	
75	75	75	75	75	75	75	
	, , ,		70	70		, 0	

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
-	-	-	-	-	-	i
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
-	-	-	-	-	-	-
-	-	-	-	-	ı	-
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	1 101	1 102	1 171	1 150	1 1 1 1 5	1 126
1,211 177	1,191 177	1,192 177	1,174 178	1,158 179	1,145 182	1,136 182
- 177	-	-	-	-	-	-
_	_				_	_
1,034	1,014	1,015	996	979	963	954
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175,269	175,431	176,064	176,076	175,964	175,937	175,838