Form EIA-411 for 2008 **WINTER**

Released: February 2010

Next Update: October 2010

Table 5a. Winter (FRCC) Historical and Projected Demand and Capacity, Calendar Year 2008 (Megawatts)

Region	*FRCC*
Subregion	
Country	*U*

WINTER		Actual	Projected									
Line#	DESCRIPTION	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1	Unrestricted Non-coincident Peak Demand = 2+1a+1b-1c-1d	45275	44446	45099	46140	46971	47709	48888	49850	50861	51942	53065
1a	New Conservation (Energy Efficiency)	0	0	0	0	0	0	0	0	0	0	0
1b	Estimated Diversity	0	0	0	0	0	0	0	0	0	0	0
1c	Additions for non-member load (load served by non-registered LSE's in a region)	0	0	0	0	0	0	0	0	0	0	0
1d	Stand-by Load Under Contract (Normally served by behind the meter generation)	0	0	0	0	0	0	0	0	0	0	0
2	Total Internal Demand	45275	44446	45099	46140	46971	47709	48888	49850	50861	51942	53065
2a	Direct Control Load Management	155	2905	2972	3038	3104	3121	3190	3247	3292	3335	3347
2b	Contractually Interruptible (Curtailable)	78	695	716	735	787	775	770	731	732	733	734
2c	Critical Peak-Pricing (CPP) with Control	0	0	0	0	0	0	0	0	0	0	0
2d	Load as a Capacity Resource	0	0	0	0	0	0	0	0	0	0	0
3	Net Internal Demand = 2-2a-2b-2c-2d	45042	40846	41411	42367	43080	43813	44928	45872	46837	47874	48984
4a	Demand Response used for Reserves - Spinning	0	0	0	0	0	0	0	0	0	0	0
4b	Demand Response used for Reserves - Non-Spinning	0	0	0	0	0	0	0	0	0	0	0
4c	Demand Response used for Regulation	0	0	0	0	0	0	0	0	0	0	0
4d	Demand Response used for Energy, Voluntary - Emergency	0	0	0	0	0	0	0	0	0	0	0
5	TOTAL INTERNAL CAPACITY = 6+7	55943	61058.9	59343	61722.7	61607.8	63518.1	64357	64858.7	66774.4	68026.1	69530.1
6	EXISTING CAPACITY = 6a+6b+6c	55943	55254	54546.7	54793.4	54318.5	54343.8	53620.7	53075.4	52990.1	52990.8	52787.8
6a	Existing, Certain (Note: The sum of 6a1 through 6a4 must be <= 6a)	50724	50213	50327.7	50765.4	50851.5	50659.8	49923.7	49222.4	49709.1	50541.8	50319.8
6a1	Wind Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
6a2	Solar Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
6a3	Hydro Expected On-Peak	55	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
6a4	Biomass Expected On-Peak	467	479	479	479	479	479	479	479	479	479	479
6a5	Load as a Capacity Resource Expected On-Peak (Load Management Programs)	0	0	0	0	0	0	0	0	0	0	0
6b	Existing, Other (Note: The sum of 6b1 through 6b7 must be <= 6b)	5160	4133	1657	1466	905	1122	1135	1158	1158	1158	1177
6b1	Wind Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
6b2	Solar Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
6b3	Hydro Derate On-Peak	0	11	11	11	11	11	11	11	11	11	11
6b4	Biomass Derate On-Peak	318	318	318	318	318	318	318	318	318	318	318
6b5	Load as a Capacity Resource Derate On-Peak (Load Management Programs)	0	0	0	0	0	0	0	0	0	0	0
6b6	Energy Only	610	1285	1328	1137	576	793	806	829	829	829	848
6b7	Scheduled Outage - Maintenance	4232	2519	0	0	0	0	0	0	0	0	0
6b8	Transmission-Limited Resources	0	0	0	0	0	0	0	0	0	0	0
6c	Existing, Inoperable (Note: Capacity reported in this line are not used in margin calculations)	59	908	2562	2562	2562	2562	2562	2695	2123	1291	1291
7	FUTURE CAPACITY ADDITIONS = 7a+7b	0	5804.9	4796.3	6929.3	7289.3	9174.3	10736.3	11783.3	13784.3	15035.3	16742.3
7a	Future, Planned (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only.)	0	4465.3	4796.3	6929.3	7289.3	9174.3	10736.3	11783.3	13784.3	15035.3	16742.3

7a1	Wind Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7a2	Solar Expected On-Peak	0	1.4	2.8	4.2	4.9	5.6	6.3	7	7.7	8.4	9.1
7a3	Hydro Expected On-Peak	0	0	0	0	0	2	2	2	2	2	2
7a4	Biomass Expected On-Peak	0	472	429	620	735	792	779.2	779.2	779.2	779.2	760.2
7b	Future, Other (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only.)	0	1339.6	1342.2	1344.8	1346.1	1347.4	1348.7	1350	1351.3	1352.6	1353.9
7b1	Wind Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b2	Wind Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b3	Solar Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b4	Solar Derate On-Peak	0	2.6	5.2	7.8	9.1	10.4	11.7	13	14.3	15.6	16.9
7b5	Hydro Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b6	Hydro Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b7	Biomass Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b8	Biomass Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b9	Energy Only	0	1285	1285	1285	1285	1285	1285	1285	1285	1285	1285
8	Conceptual (Note: Only the net expected on-peak capacity is included in this line and does not include Energy Only.)	0	0	0	0	0	0	0	0	0	0	0
8a1	Wind Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a2	Wind Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a3	Solar Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a4	Solar Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a5	Hydro Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a6	Hydro Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a7	Biomass Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a8	Biomass Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a9	Energy Only	0	0	0	0	0	0	0	0	0	0	0
9	DELIVERABLE INTERNAL CAPACITY = 6a+7a	50724	54678.3	55124	57694.7	58140.8	59834.1	60660	61005.7	63493.4	65577.1	67062.1
10	CAPACITY TRANSACTIONS - IMPORTS = 10a+10b+10c+10d	2554	2538	2178	2178	2167	2167	2167	1337	1025	1025	1025
10a	Firm (Note: The sum of 10a1 and 10a2 must be <= 10a)	2554	2538	2178	2178	2167	2167	2167	1337	1025	1025	1025
10a1	Full-Responsibility Purchases	1702	1702	1342	1342	1342	1342	1342	512	200	200	200
10a2	Owned Capacity/Entitlement Located Outside the Region/Subregion	852	836	836	836	825	825	825	825	825	825	825
10b	Non-firm	0	0	0	0	0	0	0	0	0	0	0
10c	Expected (Note: The sum of 10c1 and 10c2 must be <= 10c)	0	0	0	0	0	0	0	0	0	0	0
10c1	Full-Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
10c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	0	0	0	0	0	0	0	0	0	0
10d	Provisional – transactions under study, but negotiations have not begun.	0	0	0	0	0	0	0	0	0	0	0
11	CAPACITY TRANSACTIONS - EXPORTS = 11a+11b+11c+11d	0	0	0	0	0	0	0	0	0	0	0
11a	Firm (Note: The sum of 11a1 and 11a2 must be <= 11a)	0	0	0	0	0	0	0	0	0	0	0
11a1	Full-Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
11a2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	0	0	0	0	0	0	0	0	0	0
11b	Non-firm	0	0	0	0	0	0	0	0	0	0	0
11c	Expected (Note: The sum of 11c1 and 11c2 must be <= 11c)	0	0	0	0	0	0	0	0	0	0	0
11c1	Full-Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
11c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	0	0	0	0	0	0	0	0	0	0
11d	Provisional – transactions under study, but negotiations have not begun.	0	0	0	0	0	0	0	0	0	0	0
12	EXISTING, CERTAIN CAPACITY & NET FIRM TRANSACTIONS = 6a+Net Firm Transactions	53278	52751	52505.7	52943.4	53018.5	52826.8	52090.7	50559.4	50734.1	51566.8	51344.8
13	DELIVERABLE CAPACITY RESOURCES = 12+7a+Net Expected Transactions	53278	57216.3	57302	59872.7	60307.8	62001.1	62827	62342.7	64518.4	66602.1	68087.1
14	PROSPECTIVE CAPACITY RESOURCES = 13+6b-[Existing,Other Derates]+16b	53278	57216.3	57302	59872.7	60307.8	62001.1	62827	62342.7	64518.4	66602.1	68087.1

15	TOTAL POTENTIAL CAPACITY RESOURCES = 13+6b-[Existing,Other Derates]+7b+ 8+Net Provisional Transactions	53278	58555.9	58644.2	61217.5	61653.9	63348.5	64175.7	63692.7	65869.7	67954.7	69441
15a	ADJUSTED POTENTIAL CAPACITY RESOURCES = 13+6b-[Existing,Other Derates]+ 16b+16d+Net Provisional Transactions	53278	57216.3	57302	59872.7	60307.8	62001.1	62827	62342.7	64518.4	66602.1	68087.1
16a	Confidence of Future, Other (7b), using reasonable judgement	0	0	0	0	0	0	0	0	0	0	0
16b	Net Future, Other Resources After Confidence Percentage Is Applied = 7b*16a	0	0	0	0	0	0	0	0	0	0	0
16c	Confidence of Conceptual (8), using reasonable judgement	0	0	0	0	0	0	0	0	0	0	0
16d	Net Conceptual Resources After Confidence Percentage Is Applied = 8*16c	0	0	0	0	0	0	0	0	0	0	0

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Next Update: October 2010

Table 5*b*. Winter (MRO) Historical and Projected Demand and Capacity, Calendar Year 2008
(Megawatts)

Region	*MRO*
Subregion	
Country	*U*

WINTER		Actual	Projected									
Line#	DESCRIPTION	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1	Unrestricted Non-coincident Peak Demand = 2+1a+1b-1c-1d	36232.515	36931.267	37743.572	38431.931	39072.3	39553.917	40193.624	40669.504	41249.621	41779.16	42342.391
1a	New Conservation (Energy Efficiency)	0	63.991616	151.58576	254.58307	355.82931	458.12556	554.82802	656.0064	759.25667	860.57894	958.97331
1b	Estimated Diversity	0	0	0	0	0	0	0	0	0	0	0
1c	Additions for non-member load (load served by non-registered LSE's in a region)	0	25.6	1	0	0	0	0	0	0	0	0
1d	Stand-by Load Under Contract (Normally served by behind the meter generation)	0	11	11	11	11	11	11	11	11	11	11
2	Total Internal Demand	36232.515	36903.875	37603.986	38188.348	38727.47	39106.792	39649.796	40024.498	40501.364	40929.581	41394.418
2a	Direct Control Load Management	850.2	970.2	1012.2	1024.2	1038.2	1050.2	1067.2	1079.2	1095.2	1108.2	1123.2
2b	Contractually Interruptible (Curtailable)	843.1	948.4	938.5	936.4	934.8	937.3	939.7	942.2	944.7	948.3	950.9
2c	Critical Peak-Pricing (CPP) with Control	0	0	0	0	0	0	0	0	0	0	0
2d	Load as a Capacity Resource	0	0	0	0	0	0	0	0	0	0	0
3	Net Internal Demand = 2-2a-2b-2c-2d	34539.215	34985.275	35653.286	36227.748	36754.47	37119.292	37642.896	38003.098	38461.464	38873.081	39320.318
4a	Demand Response used for Reserves - Spinning	3	3	3	3	3	3	3	3	3	3	3
4b	Demand Response used for Reserves - Non-Spinning	73	73	73	73	73	73	73	73	73	73	73
4c	Demand Response used for Regulation	0	0	0	0	0	0	0	0	0	0	0
4d	Demand Response used for Energy, Voluntary - Emergency	120	120	120	120	120	120	120	120	120	120	120
5	TOTAL INTERNAL CAPACITY = 6+7	52377.673	56298.357	60371.834	64093.834	66941.132	67857.46	68617.573	69116.035	68956.151	68817.06	69522.169
6	EXISTING CAPACITY = 6a+6b+6c	52377.673	53367.867	53493.244	53468.244	53419.942	53453.27	53451.383	53568.845	53313.961	53169.87	53169.979
6a	Existing, Certain (Note: The sum of 6a1 through 6a4 must be <= 6a)	46653.423	47692.617	47817.994	47792.994	47744.692	47778.02	47776.133	47893.595	47638.711	47494.62	47494.729
6a1	Wind Expected On-Peak	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130
6a2	Solar Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
6a3	Hydro Expected On-Peak	2907.55	2951.55	2951.55	2951.55	2951.55	2951.55	2951.55	2951.55	2951.55	2951.55	2951.55
6a4	Biomass Expected On-Peak	330.594	330.594	330.594	302.594	261.594	261.594	261.594	261.594	261.594	261.594	261.594
6a5	Load as a Capacity Resource Expected On-Peak (Load Management Programs)	0	0	0	0	0	0	0	0	0	0	0
6b	Existing, Other (Note: The sum of 6b1 through 6b7 must be <= 6b)	5649.25	5600.25	5600.25	5600.25	5600.25	5600.25	5600.25	5600.25	5600.25	5600.25	5600.25
6b1	Wind Derate On-Peak	4524	4524	4524	4524	4524	4524	4524	4524	4524	4524	4524
6b2	Solar Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
6b3	Hydro Derate On-Peak	158.25	114.25	114.25	114.25	114.25	114.25	114.25	114.25	114.25	114.25	114.25
6b4	Biomass Derate On-Peak	8	8	8	8	8	8	8	8	8	8	8
6b5	Load as a Capacity Resource Derate On-Peak (Load Management Programs)	0	0	0	0	0	0	0	0	0	0	0
6b6	Energy Only	0	0	0	0	0	0	0	0	0	0	0
6b7	Scheduled Outage - Maintenance	113	113	113	113	113	113	113	113	113	113	113
6b8	Transmission-Limited Resources	101	101	101	101	101	101	101	101	101	101	101
6c	Existing, Inoperable (Note: Capacity reported in this line are not used in margin calculations)	75	75	75	75	75	75	75	75	75	75	75
7	FUTURE CAPACITY ADDITIONS = 7a+7b	0	2930.49	6878.59	10625.59	13521.19	14404.19	15166.19	15547.19	15642.19	15647.19	16352.19
7a	Future, Planned (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only.)	0	313.59	533.59	633.59	943.19	1101.19	1106.19	1439.19	1444.19	1449.19	1454.19

7a1	Wind Expected On-Peak	0	28.59	26.59	26.59	26.59	26.59	26.59	26.59	26.59	26.59	26.59
7a2	Solar Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7a3	Hydro Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7a4	Biomass Expected On-Peak	0	0	2	2	2	30	30	30	30	30	30
7b	Future, Other (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only.)	0	7.9	55.4	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.8
7b1	Wind Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b2	Wind Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b3	Solar Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b4	Solar Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b5	Hydro Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b6	Hydro Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b7	Biomass Expected On-Peak	0	0	40	40	40	40	40	40	40	40	40
7b8	Biomass Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b9	Energy Only	0	46	46	46	46	46	46	46	46	46	46
8	Conceptual (Note: Only the net expected on-peak capacity is included in this line and does not include Energy Only.)	0	2609	6345	9992	12578	13303	14060	14108	14198	14198	14898
8a1	Wind Expected On-Peak	0	1918	5194	7476	8160	8385	8536	8584	8674	8674	8674
8a2	Wind Derate On-Peak	0	7671	20777	29906	32639	33540	34143	34337	34697	34697	34697
8a3	Solar Expected On-Peak	0	20	20	20	20	20	20	20	20	20	20
8a4	Solar Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a5	Hydro Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a6	Hydro Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a7	Biomass Expected On-Peak	0	0	0	25	145	145	145	145	145	145	145
8a8	Biomass Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a9	Energy Only	0	0	0	0	0	0	0	0	0	0	0
9	DELIVERABLE INTERNAL CAPACITY = 6a+7a	46653.423	48006.207	48351.584	48426.584	48687.882	48879.21	48882.323	49332.785	49082.901	48943.81	48948.919
10	CAPACITY TRANSACTIONS - IMPORTS = 10a+10b+10c+10d	2271.6	2025.3	1964	1914	1814	1709	1709	1409	1409	1409	1409
10a	Firm (Note: The sum of 10a1 and 10a2 must be <= 10a)	2271.6	2025.3	1964	1914	1814	1709	1709	909	659	659	659
10a1	Full-Responsibility Purchases	114	113	113	113	163	163	163	163	163	163	163
10a2	Owned Capacity/Entitlement Located Outside the Region/Subregion	535	535	535	535	435	435	435	435	435	435	435
10b	Non-firm	0	0	0	0	0	0	0	0	0	0	0
10c	Expected (Note: The sum of 10c1 and 10c2 must be <= 10c)	0	0	0	0	0	0	0	500	500	500	500
10c1	Full-Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
10c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	0	0	0	0	0	0	0	0	0	0
10d	Provisional – transactions under study, but negotiations have not begun.	0	0	0	0	0	0	0	0	250	250	250
11	CAPACITY TRANSACTIONS - EXPORTS = 11a+11b+11c+11d	1582.3154	1614.3154	1446.3154	1246.3154	1236.3154	1289.6051	1214.6051	1309.6051	1109.6051	954.6051	754.6051
11a	Firm (Note: The sum of 11a1 and 11a2 must be <= 11a)	1582.3154	1614.3154	1446.3154	1246.3154	1236.3154	1289.6051	1214.6051	1309.6051	1109.6051	954.6051	754.6051
11a1	Full-Responsibility Purchases	1067.8154	1174.8154	1077.8154	1027.8154	1017.8154	971.3251	971.3251	1066.3251	866.3251	711.3251	511.3251
11a2	Owned Capacity/Entitlement Located Outside the Region/Subregion	294.5	294.5	294.5	194.5	194.5	294.28	219.28	219.28	219.28	219.28	219.28
11b	Non-firm	0	0	0	0	0	0	0	0	0	0	0
11c	Expected (Note: The sum of 11c1 and 11c2 must be <= 11c)	0	0	0	0	0	0	0	0	0	0	0
11c1	Full-Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
11c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	0	0	0	0	0	0	0	0	0	0
11d	Provisional – transactions under study, but negotiations have not begun.	0	0	0	0	0	0	0	0	0	0	0
12	EXISTING, CERTAIN CAPACITY & NET FIRM TRANSACTIONS = 6a+Net Firm Transactions	47342.707	48103.602	48335.679	48460.678	48322.376	48197.415	48270.528	47492.99	47188.106	47199.015	47399.124
13	DELIVERABLE CAPACITY RESOURCES = 12+7a+Net Expected Transactions	47342.707	48417.192	48869.269	49094.268	49265.566	49298.605	49376.718	49432.18	49132.296	49148.205	49353.314
14	PROSPECTIVE CAPACITY RESOURCES = 13+6b-[Existing,Other Derates]+16b	48087.707	49165.092	49664.669	49897.168	50068.466	50101.505	50179.618	50235.08	49935.196	49951.105	50157.114

15	TOTAL POTENTIAL CAPACITY RESOURCES = 13+6b-[Existing,Other Derates]+7b+ 8+Net Provisional Transactions	48087.707	51774.092	56009.669	59889.168	62646.466	63404.505	64239.618	64343.08	64383.196	64399.105	65305.114
15a	ADJUSTED POTENTIAL CAPACITY RESOURCES = 13+6b-[Existing,Other Derates]+ 16b+16d+Net Provisional Transactions	48087.707	49947.792	51568.169	52894.768	53841.866	54092.405	54397.618	54467.48	54444.596	54460.505	54876.514
16a	Confidence of Future, Other (7b), using reasonable judgement	0	1	1	1	1	1	1	1	1	1	1
16b	Net Future, Other Resources After Confidence Percentage Is Applied = 7b*16a	0	7.9	55.4	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.8
16c	Confidence of Conceptual (8), using reasonable judgement	0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
16d	Net Conceptual Resources After Confidence Percentage Is Applied = 8*16c	0	782.7	1903.5	2997.6	3773.4	3990.9	4218	4232.4	4259.4	4259.4	4469.4

Form EIA-411 for 2008 **WINTER**

Released: February 2010

Next Update: October 2010

Table 5c. Winter (NPCC_NE) Historical and Projected Demand and Capacity, Calendar Year 2008
(Megawatts)

Region	*NPCC*
Subregion	*NE*
Country	*U*

WINTER		Actual	Projected									
Line#	DESCRIPTION	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1	Unrestricted Non-coincident Peak Demand = 2+1a+1b-1c-1d	22130	22100	22105	22175	22290	22335	22440	22540	22645	22750	22860
1a	New Conservation (Energy Efficiency)	0	0	0	0	0	0	0	0	0	0	0
1b	Estimated Diversity	0	0	0	0	0	0	0	0	0	0	0
1c	Additions for non-member load (load served by non-registered LSE's in a region)	0	0	0	0	0	0	0	0	0	0	0
1d	Stand-by Load Under Contract (Normally served by behind the meter generation)	0	0	0	0	0	0	0	0	0	0	0
2	Total Internal Demand	22130	22100	22105	22175	22290	22335	22440	22540	22645	22750	22860
2a	Direct Control Load Management	0	0	0	0	0	0	0	0	0	0	0
2b	Contractually Interruptible (Curtailable)	0	0	0	0	0	0	0	0	0	0	0
2c	Critical Peak-Pricing (CPP) with Control	0	0	0	0	0	0	0	0	0	0	0
2d	Load as a Capacity Resource	0	0	0	0	0	0	0	0	0	0	0
3	Net Internal Demand = 2-2a-2b-2c-2d	22130	22100	22105	22175	22290	22335	22440	22540	22645	22750	22860
4a	Demand Response used for Reserves - Spinning	0	0	0	0	0	0	0	0	0	0	0
4b	Demand Response used for Reserves - Non-Spinning	0	0	0	0	0	0	0	0	0	0	0
4c	Demand Response used for Regulation	0	0	0	0	0	0	0	0	0	0	0
4d	Demand Response used for Energy, Voluntary - Emergency	0	0	0	0	0	0	0	0	0	0	0
5	TOTAL INTERNAL CAPACITY = 6+7	36967	37951	36834	42598	45703	47021	47021	48968	48968	48968	48968
6	EXISTING CAPACITY = 6a+6b+6c	36967	37147	32914	35460	35082	35082	35082	35082	35082	35082	35082
6a	Existing, Certain (Note: The sum of 6a1 through 6a4 must be <= 6a)	35970	36152	31700	34246	33868	33868	33868	33868	33868	33868	33868
6a1	Wind Expected On-Peak	31	228	0	0	0	0	0	0	0	0	0
6a2	Solar Expected On-Peak	0	1	0	0	0	0	0	0	0	0	0
6a3	Hydro Expected On-Peak	1897	1936	1566	1648	1648	1648	1648	1648	1648	1648	1648
6a4	Biomass Expected On-Peak	996	1005	971	892	892	892	892	892	892	892	892
6a5	Load as a Capacity Resource Expected On-Peak (Load Management Programs)	2737	2519	2305	2724	2346	2346	2346	2346	2346	2346	2346
6b	Existing, Other (Note: The sum of 6b1 through 6b7 must be <= 6b)	997	995	1214	1214	1214	1214	1214	1214	1214	1214	1214
6b1	Wind Derate On-Peak	44	44	0	0	0	0	0	0	0	0	0
6b2	Solar Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
6b3	Hydro Derate On-Peak	38	36	299	258	258	258	258	258	258	258	258
6b4	Biomass Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
6b5	Load as a Capacity Resource Derate On-Peak (Load Management Programs)	0	0	0	0	0	0	0	0	0	0	0
6b6	Energy Only	0	0	0	0	0	0	0	0	0	0	0
6b7	Scheduled Outage - Maintenance	400	400	400	400	400	400	400	400	400	400	400
6b8	Transmission-Limited Resources	0	0	0	0	0	0	0	0	0	0	0
6c	Existing, Inoperable (Note: Capacity reported in this line are not used in margin calculations)	0	0	0	0	0	0	0	0	0	0	0
7	FUTURE CAPACITY ADDITIONS = 7a+7b	0	804	3920	7138	10621	11939	11939	13886	13886	13886	13886
7a	Future, Planned (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only.)	0	335	232	1424	1424	1424	1424	1424	1424	1424	1424

7a1	Wind Expected On-Peak	0	0	17	155	155	155	155	155	155	155	155
7a2	Solar Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7a3	Hydro Expected On-Peak	0	0	0	1	1	1	1	1	1	1	1
7a4	Biomass Expected On-Peak	0	0	2	53	53	53	53	53	53	53	53
7b	Future, Other (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only.)	0	0	23	195	195	195	195	195	195	195	195
7b1	Wind Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b2	Wind Derate On-Peak	0	0	23	195	195	195	195	195	195	195	195
7b3	Solar Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b4	Solar Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b5	Hydro Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b6	Hydro Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b7	Biomass Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b8	Biomass Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b9	Energy Only	0	0	0	0	0	0	0	0	0	0	0
8	Conceptual (Note: Only the net expected on-peak capacity is included in this line and does not include Energy Only.)	0	469	3688	5714	9197	10515	10515	12462	12462	12462	12462
8a1	Wind Expected On-Peak	0	287	1010	1546	2052	2180	2180	2180	2180	2180	2180
8a2	Wind Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a3	Solar Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a4	Solar Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a5	Hydro Expected On-Peak	0	8	16	16	16	16	16	16	16	16	16
8a6	Hydro Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a7	Biomass Expected On-Peak	0	104	157	368	368	418	468	468	468	468	468
8a8	Biomass Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a9	Energy Only	0	0	0	0	0	0	0	0	0	0	0
9	DELIVERABLE INTERNAL CAPACITY = 6a+7a	35970	36487	31932	35670	35292	35292	35292	35292	35292	35292	35292
10	CAPACITY TRANSACTIONS - IMPORTS = 10a+10b+10c+10d	1795	401	401	401	401	401	401	401	401	401	401
10a	Firm (Note: The sum of 10a1 and 10a2 must be <= 10a)	1795	401	401	401	401	401	401	401	401	401	401
10a1	Full-Responsibility Purchases	1795	401	401	401	401	401	401	401	401	401	401
10a2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	0	0	0	0	0	0	0	0	0	0
10b	Non-firm	0	0	0	0	0	0	0	0	0	0	0
10c	Expected (Note: The sum of 10c1 and 10c2 must be <= 10c)	0	0	0	0	0	0	0	0	0	0	0
10c1	Full-Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
10c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	0	0	0	0	0	0	0	0	0	0
10d	Provisional – transactions under study, but negotiations have not begun.	0	0	0	0	0	0	0	0	0	0	0
11	CAPACITY TRANSACTIONS - EXPORTS = 11a+11b+11c+11d	1267	343	343	343	343	343	343	343	343	343	343
11a	Firm (Note: The sum of 11a1 and 11a2 must be <= 11a)	1267	343	343	343	343	343	343	343	343	343	343
11a1	Full-Responsibility Purchases	1267	343	343	343	343	343	343	343	343	343	343
11a2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	0	0	0	0	0	0	0	0	0	0
11b	Non-firm	0	0	0	0	0	0	0	0	0	0	0
11c	Expected (Note: The sum of 11c1 and 11c2 must be <= 11c)	0	0	0	0	0	0	0	0	0	0	0
11c1	Full-Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
11c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	0	0	0	0	0	0	0	0	0	0
11d	Provisional – transactions under study, but negotiations have not begun.	0	0	0	0	0	0	0	0	0	0	0
12	EXISTING, CERTAIN CAPACITY & NET FIRM TRANSACTIONS = 6a+Net Firm Transactions	36498	36210	31758	34304	33926	33926	33926	33926	33926	33926	33926
13	DELIVERABLE CAPACITY RESOURCES = 12+7a+Net Expected Transactions	36498	36545	31990	35728	35350	35350	35350	35350	35350	35350	35350
14	PROSPECTIVE CAPACITY RESOURCES = 13+6b-[Existing,Other Derates]+16b	37013	37060	32505	36284	35906	35906	35906	35906	35906	35906	35906

15	TOTAL POTENTIAL CAPACITY RESOURCES = 13+6b-[Existing,Other Derates]+7b+ 8+Net Provisional Transactions	37013	37529	36216	42193	45298	46616	46616	48563	48563	48563	48563
15a	ADJUSTED POTENTIAL CAPACITY RESOURCES = 13+6b-[Existing,Other Derates]+ 16b+16d+Net Provisional Transactions	37013	37060	33242.6	37426.8	37745.4	38009	38009	38398.4	38398.4	38398.4	38398.4
16a	Confidence of Future, Other (7b), using reasonable judgement	0	0	0	0	0	0	0	0	0	0	0
16b	Net Future, Other Resources After Confidence Percentage Is Applied = 7b*16a	0	0	0	0	0	0	0	0	0	0	0
16c	Confidence of Conceptual (8), using reasonable judgement	0	0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16d	Net Conceptual Resources After Confidence Percentage Is Applied = 8*16c	0	0	737.6	1142.8	1839.4	2103	2103	2492.4	2492.4	2492.4	2492.4

Form EIA-411 for 2008 **WINTER**
Released: February 2010
Next Update: October 2010

Table 5*d*. Winter (NPCC_NY) Historical and Projected Demand and Capacity, Calendar Year 2008
(Megawatts)

Region	*NPCC*
Subregion	*NY*
Country	*U*

WINTER		Actual	Projected									
Line#	DESCRIPTION	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1	Unrestricted Non-coincident Peak Demand = 2+1a+1b-1c-1d	25021	25133	25268	25525	25854	26272	26579	26883	27198	27517	27839
1a	New Conservation (Energy Efficiency)	0	135	297	505	760	987	1165	1366	1511	1658	1801
1b	Estimated Diversity	0	0	0	0	0	0	0	0	0	0	0
1c	Additions for non-member load (load served by non-registered LSE's in a region)	0	0	0	0	0	0	0	0	0	0	0
1d	Stand-by Load Under Contract (Normally served by behind the meter generation)	0	0	0	0	0	0	0	0	0	0	0
2	Total Internal Demand	25021	24998	24971	25020	25094	25285	25414	25517	25687	25859	26038
2a	Direct Control Load Management	0	0	0	0	0	0	0	0	0	0	0
2b	Contractually Interruptible (Curtailable)	0	0	0	0	0	0	0	0	0	0	0
2c	Critical Peak-Pricing (CPP) with Control	0	0	0	0	0	0	0	0	0	0	0
2d	Load as a Capacity Resource	0	0	0	0	0	0	0	0	0	0	0
3	Net Internal Demand = 2-2a-2b-2c-2d	25021	24998	24971	25020	25094	25285	25414	25517	25687	25859	26038
4a	Demand Response used for Reserves - Spinning	0	0	0	0	0	0	0	0	0	0	0
4b	Demand Response used for Reserves - Non-Spinning	0	0	0	0	0	0	0	0	0	0	0
4c	Demand Response used for Regulation	0	0	0	0	0	0	0	0	0	0	0
4d	Demand Response used for Energy, Voluntary - Emergency	0	0	0	0	0	0	0	0	0	0	0
5	TOTAL INTERNAL CAPACITY = 6+7	41159	40946.8	42953.1	42964.3	44585.1	44569.8	44569.8	44569.8	44569.8	44569.8	44569.8
6	EXISTING CAPACITY = 6a+6b+6c	41159	40554.4	40554.4	39663.9	39663.9	39663.9	39663.9	39663.9	39663.9	39663.9	39663.9
6a	Existing, Certain (Note: The sum of 6a1 through 6a4 must be <= 6a)	41159	40554.4	40554.4	39663.9	39663.9	39663.9	39663.9	39663.9	39663.9	39663.9	39663.9
6a1	Wind Expected On-Peak	0	231	231	231	231	231	231	231	231	231	231
6a2	Solar Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
6a3	Hydro Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
6a4	Biomass Expected On-Peak	0	368	411	411	411	411	411	411	411	411	411
6a5	Load as a Capacity Resource Expected On-Peak (Load Management Programs)	0	0	0	0	0	0	0	0	0	0	0
6b	Existing, Other (Note: The sum of 6b1 through 6b7 must be <= 6b)	0	0	0	0	0	0	0	0	0	0	0
6b1	Wind Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
6b2	Solar Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
6b3	Hydro Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
6b4	Biomass Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
6b5	Load as a Capacity Resource Derate On-Peak (Load Management Programs)	0	0	0	0	0	0	0	0	0	0	0
6b6	Energy Only	0	0	0	0	0	0	0	0	0	0	0
6b7	Scheduled Outage - Maintenance	0	0	0	0	0	0	0	0	0	0	0
6b8	Transmission-Limited Resources	0	0	0	0	0	0	0	0	0	0	0
6c	Existing, Inoperable (Note: Capacity reported in this line are not used in margin calculations)	0	0	0	0	0	0	0	0	0	0	0
7	FUTURE CAPACITY ADDITIONS = 7a+7b	0	392.4	2398.7	3300.4	4921.2	4905.9	4905.9	4905.9	4905.9	4905.9	4905.9
7a	Future, Planned (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only.)	0	392.4	1250.4	1250.4	1252.2	1236.9	1236.9	1236.9	1236.9	1236.9	1236.9

7a1	Wind Expected On-Peak	0	0	14	14	15	15	15	15	15	15	15
7a2	Solar Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7a3	Hydro Expected On-Peak	0	0	9	9	9	9	9	9	9	9	9
7a4	Biomass Expected On-Peak	0	0	6	6	6	6	6	6	6	6	6
7b	Future, Other (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only.)	0	0	0	0	0	0	0	0	0	0	0
7b1	Wind Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b2	Wind Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b3	Solar Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b4	Solar Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b5	Hydro Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b6	Hydro Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b7	Biomass Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b8	Biomass Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b9	Energy Only	0	0	0	0	0	0	0	0	0	0	0
8	Conceptual (Note: Only the net expected on-peak capacity is included in this line and does not include Energy Only.)	0	0	1148.3	2050	3669	3669	3669	3669	3669	3669	3669
8a1	Wind Expected On-Peak	0	0	626	775	775	775	775	775	775	775	775
8a2	Wind Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a3	Solar Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a4	Solar Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a5	Hydro Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a6	Hydro Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a7	Biomass Expected On-Peak	0	0	22	22	22	22	22	22	22	22	22
8a8	Biomass Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a9	Energy Only	0	0	0	0	0	0	0	0	0	0	0
9	DELIVERABLE INTERNAL CAPACITY = 6a+7a	41159	40946.8	41804.8	40914.3	40916.1	40900.8	40900.8	40900.8	40900.8	40900.8	40900.8
10	CAPACITY TRANSACTIONS - IMPORTS = 10a+10b+10c+10d	1737	84.9	0	0	517.5	517.5	467.5	467.5	467.5	467.5	467.5
10a	Firm (Note: The sum of 10a1 and 10a2 must be <= 10a)	1737	84.9	0	0	517.5	517.5	467.5	467.5	467.5	467.5	467.5
10a1	Full-Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
10a2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	0	0	0	0	0	0	0	0	0	0
10b	Non-firm	0	0	0	0	0	0	0	0	0	0	0
10c	Expected (Note: The sum of 10c1 and 10c2 must be <= 10c)	0	0	0	0	0	0	0	0	0	0	0
10c1	Full-Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
10c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	0	0	0	0	0	0	0	0	0	0
10d	Provisional – transactions under study, but negotiations have not begun.	0	0	0	0	0	0	0	0	0	0	0
11	CAPACITY TRANSACTIONS - EXPORTS = 11a+11b+11c+11d	0	0	116.1	198.3	0	0	0	0	0	0	0
11a	Firm (Note: The sum of 11a1 and 11a2 must be <= 11a)	0	0	116.1	198.3	0	0	0	0	0	0	0
11a1	Full-Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
11a2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	0	0	0	0	0	0	0	0	0	0
11b	Non-firm	0	0	0	0	0	0	0	0	0	0	0
11c	Expected (Note: The sum of 11c1 and 11c2 must be <= 11c)	0	0	0	0	0	0	0	0	0	0	0
11c1	Full-Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
11c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	0	0	0	0	0	0	0	0	0	0
11d	Provisional – transactions under study, but negotiations have not begun.	0	0	0	0	0	0	0	0	0	0	0
12	EXISTING, CERTAIN CAPACITY & NET FIRM TRANSACTIONS = 6a+Net Firm Transactions	42896	40639.3	40438.3	39465.6	40181.4	40181.4	40131.4	40131.4	40131.4	40131.4	40131.4
13	DELIVERABLE CAPACITY RESOURCES = 12+7a+Net Expected Transactions	42896	41031.7	41688.7	40716	41433.6	41418.3	41368.3	41368.3	41368.3	41368.3	41368.3
14	PROSPECTIVE CAPACITY RESOURCES = 13+6b-[Existing,Other Derates]+16b	42896	41031.7	41688.7	40716	41433.6	41418.3	41368.3	41368.3	41368.3	41368.3	41368.3

15	TOTAL POTENTIAL CAPACITY RESOURCES = 13+6b-[Existing,Other Derates]+7b+ 8+Net Provisional Transactions	42896	41031.7	42837	42766	45102.6	45087.3	45037.3	45037.3	45037.3	45037.3	45037.3
15a	ADJUSTED POTENTIAL CAPACITY RESOURCES = 13+6b-[Existing,Other Derates]+ 16b+16d+Net Provisional Transactions	42896	41031.7	41803.53	40921	41800.5	41785.2	41735.2	41735.2	41735.2	41735.2	41735.2
16a	Confidence of Future, Other (7b), using reasonable judgement	0	0	0	0	0	0	0	0	0	0	0
16b	Net Future, Other Resources After Confidence Percentage Is Applied = 7b*16a	0	0	0	0	0	0	0	0	0	0	0
16c	Confidence of Conceptual (8), using reasonable judgement	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
16d	Net Conceptual Resources After Confidence Percentage Is Applied = 8*16c	0	0	114.83	205	366.9	366.9	366.9	366.9	366.9	366.9	366.9

Form EIA-411 for 2008 **WINTER**

Released: February 2010

Next Update: October 2010

Table 5e. Winter (RFC) Historical and Projected Demand and Capacity, Calendar Year 2008 (Megawatts)

Region	*RFC*
Subregion	
Country	*U*

WINTER		Actual	Projected									
Line#	DESCRIPTION	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1	Unrestricted Non-coincident Peak Demand = 2+1a+1b-1c-1d	142395	149300	151500	155400	157500	158700	160300	161700	163400	164700	165700
1a	New Conservation (Energy Efficiency)	0	0	0	0	0	0	0	0	0	0	0
1b	Estimated Diversity	0	3500	3500	3600	3700	3600	3700	3800	4100	4000	4100
1c	Additions for non-member load (load served by non-registered LSE's in a region)	0	0	0	0	0	0	0	0	0	0	0
1d	Stand-by Load Under Contract (Normally served by behind the meter generation)	0	0	0	0	0	0	0	0	0	0	0
2	Total Internal Demand	142395	145800	148000	151800	153800	155100	156600	157900	159300	160700	161600
2a	Direct Control Load Management	0	600	600	600	600	600	600	600	600	600	600
2b	Contractually Interruptible (Curtailable)	0	4300	4300	4300	4300	4300	4300	4300	4300	4300	4300
2c	Critical Peak-Pricing (CPP) with Control	0	0	0	0	0	0	0	0	0	0	0
2d	Load as a Capacity Resource	0	0	0	0	0	0	0	0	0	0	0
3	Net Internal Demand = 2-2a-2b-2c-2d	142395	140900	143100	146900	148900	150200	151700	153000	154400	155800	156700
4a	Demand Response used for Reserves - Spinning	325	325	325	325	325	325	325	325	325	325	325
4b	Demand Response used for Reserves - Non-Spinning	0	0	0	0	0	0	0	0	0	0	0
4c	Demand Response used for Regulation	0	0	0	0	0	0	0	0	0	0	0
4d	Demand Response used for Energy, Voluntary - Emergency	0	0	0	0	0	0	0	0	0	0	0
5	TOTAL INTERNAL CAPACITY = 6+7	215477	222400	224401	228002	228203	228204	228305	228306	228307	228308	228309
6	EXISTING CAPACITY = 6a+6b+6c	215477	222300	221501	221402	220603	220604	220605	220606	220607	220608	220609
6a	Existing, Certain (Note: The sum of 6a1 through 6a4 must be <= 6a)	215477	217800	217000	216900	216100	216100	216100	216100	216100	216100	216100
6a1	Wind Expected On-Peak	0	200	200	200	200	200	200	200	200	200	200
6a2	Solar Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
6a3	Hydro Expected On-Peak	0	6400	6400	6400	6400	6400	6400	6400	6400	6400	6400
6a4	Biomass Expected On-Peak	0	700	700	700	700	700	700	700	700	700	700
6a5	Load as a Capacity Resource Expected On-Peak (Load Management Programs)	0	0	0	0	0	0	0	0	0	0	0
6b	Existing, Other (Note: The sum of 6b1 through 6b7 must be <= 6b)	0	4500	4500	4500	4500	4500	4500	4500	4500	4500	4500
6b1	Wind Derate On-Peak	0	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400
6b2	Solar Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
6b3	Hydro Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
6b4	Biomass Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
6b5	Load as a Capacity Resource Derate On-Peak (Load Management Programs)	0	0	0	0	0	0	0	0	0	0	0
6b6	Energy Only	0	600	600	600	600	600	600	600	600	600	600
6b7	Scheduled Outage - Maintenance	0	800	800	800	800	800	800	800	800	800	800
6b8	Transmission-Limited Resources	0	0	0	0	0	0	0	0	0	0	0
6c	Existing, Inoperable (Note: Capacity reported in this line are not used in margin calculations)	0	0	1	2	3	4	5	6	7	8	9
7	FUTURE CAPACITY ADDITIONS = 7a+7b	0	100	2400	5300	5600	5600	5800	5800	5800	5800	5800
7a	Future, Planned (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only.)	0	100	2400	5300	5600	5600	5800	5800	5800	5800	5800

7a1	Wind Expected On-Peak	0	100	100	100	100	100	100	100	100	100	100
7a2	Solar Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7a3	Hydro Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7a4	Biomass Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b	Future, Other (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only.)	0	0	0	0	0	0	0	0	0	0	0
7b1	Wind Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b2	Wind Derate On-Peak	0	0	0	100	100	100	100	100	100	100	100
7b3	Solar Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b4	Solar Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b5	Hydro Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b6	Hydro Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b7	Biomass Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b8	Biomass Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b9	Energy Only	0	0	0	0	0	0	0	0	0	0	0
8	Conceptual (Note: Only the net expected on-peak capacity is included in this line and does not include Energy Only.)	0	1600	5700	19400	30800	38400	40400	43200	44900	46400	46400
8a1	Wind Expected On-Peak	0	500	1700	3900	5400	5900	6300	8000	8000	8000	8000
8a2	Wind Derate On-Peak	0	1900	7000	17000	24000	26200	28600	35900	35900	35900	35900
8a3	Solar Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a4	Solar Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a5	Hydro Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a6	Hydro Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a7	Biomass Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a8	Biomass Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a9	Energy Only	0	0	0	0	0	0	0	0	0	0	0
9	DELIVERABLE INTERNAL CAPACITY = 6a+7a	215477	217900	219000	222600	222800	222800	222900	222900	222900	222900	222900
10	CAPACITY TRANSACTIONS - IMPORTS = 10a+10b+10c+10d	0	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300
10a	Firm (Note: The sum of 10a1 and 10a2 must be <= 10a)	0	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300
10a1	Full-Responsibility Purchases	0	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
10a2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	100	100	100	100	100	100	100	100	100	100
10b	Non-firm	0	0	0	0	0	0	0	0	0	0	0
10c	Expected (Note: The sum of 10c1 and 10c2 must be <= 10c)	0	0	0	0	0	0	0	0	0	0	0
10c1	Full-Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
10c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	0	0	0	0	0	0	0	0	0	0
10d	Provisional – transactions under study, but negotiations have not begun.	0	0	0	0	0	0	0	0	0	0	0
11	CAPACITY TRANSACTIONS - EXPORTS = 11a+11b+11c+11d	0	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
11a	Firm (Note: The sum of 11a1 and 11a2 must be <= 11a)	0	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
11a1	Full-Responsibility Purchases	0	700	700	700	700	700	700	700	700	700	700
11a2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	400	400	400	400	400	400	400	400	400	400
11b	Non-firm	0	0	0	0	0	0	0	0	0	0	0
11c	Expected (Note: The sum of 11c1 and 11c2 must be <= 11c)	0	0	0	0	0	0	0	0	0	0	0
11c1	Full-Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
11c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	0	0	0	0	0	0	0	0	0	0
11d	Provisional – transactions under study, but negotiations have not begun.	0	0	0	0	0	0	0	0	0	0	0
12	EXISTING, CERTAIN CAPACITY & NET FIRM TRANSACTIONS = 6a+Net Firm Transactions	215477	218000	217200	217100	216300	216300	216300	216300	216300	216300	216300
13	DELIVERABLE CAPACITY RESOURCES = 12+7a+Net Expected Transactions	215477	218100	219600	222400	221900	221900	222100	222100	222100	222100	222100
14	PROSPECTIVE CAPACITY RESOURCES = 13+6b-[Existing,Other Derates]+16b	215477	219800	221300	224100	223600	223600	223800	223800	223800	223800	223800

15	TOTAL POTENTIAL CAPACITY RESOURCES = 13+6b-[Existing,Other Derates]+7b+ 8+Net Provisional Transactions	215477	221400	227000	243500	254400	262000	264200	267000	268700	270200	270200
15a	ADJUSTED POTENTIAL CAPACITY RESOURCES = 13+6b-[Existing,Other Derates]+ 16b+16d+Net Provisional Transactions	215477	220104	222379.86	227750.45	229436.76	230802.35	231362.57	231845.68	232053.47	232354.48	232354.483
16a	Confidence of Future, Other (7b), using reasonable judgement	0	0	0	0	0	0	0	0	0	0	0
16b	Net Future, Other Resources After Confidence Percentage Is Applied = 7b*16a	0	0	0	0	0	0	0	0	0	0	0
16c	Confidence of Conceptual (8), using reasonable judgement	0	0.19	0.1894488	0.1881677	0.1895052	0.1875611	0.1871924	0.1862426	0.183819	0.1843639	0.18436386
16d	Net Conceptual Resources After Confidence Percentage Is Applied = 8*16c	0	304	1079.8582	3650.4541	5836.7588	7202.3464	7562.5714	8045.6816	8253.4711	8554.4829	8554.48291

Form EIA-411 for 2008 **WINTER**
Released: February 2010
Next Update: October 2010

Table 5f. Winter (SERC) Historical and Projected Demand and Capacity, Calendar Year 2008
(Megawatts)

Region	***SERC***
Subregion	
Country	***U***

WINTER		Actual	Projected									
Line#	**DESCRIPTION**	**2008**	**2009**	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
1	Unrestricted Non-coincident Peak Demand = 2+1a+1b-1c-1d	179596	182124	185165	189745	192694	196299	198705	200920	203683	207325	210559
1a	New Conservation (Energy Efficiency)	0	622	1073	1599	1905	2169	2450	2738	2938	3139	3343
1b	Estimated Diversity	0	667	678	707	723	748	735	735	774	789	795
1c	Additions for non-member load (load served by non-registered LSE's in a region)	0	79	62	65	65	66	67	68	69	69	71
1d	Stand-by Load Under Contract (Normally served by behind the meter generation)	0	131	132	135	135	138	138	141	142	145	147
2	Total Internal Demand	179596	181045	183608	187639	190266	193586	195725	197656	200182	203611	206639
2a	Direct Control Load Management	380	621	725	823	921	1018	1108	1203	1222	1241	1255
2b	Contractually Interruptible (Curtailable)	3863	4612	4871	4982	4920	4937	4939	4937	4913	4946	4930
2c	Critical Peak-Pricing (CPP) with Control	0	0	2	4	5	7	9	11	13	13	13
2d	Load as a Capacity Resource	154	271	272	273	260	260	260	260	260	260	260
3	Net Internal Demand = 2-2a-2b-2c-2d	175199	175541	177738	181557	184160	187364	189409	191245	193774	197151	200181
4a	Demand Response used for Reserves - Spinning	615	608	608	608	608	608	608	608	608	608	608
4b	Demand Response used for Reserves - Non-Spinning	239	241	254	258	258	258	258	258	258	258	258
4c	Demand Response used for Regulation	23	23	23	24	24	25	25	25	26	26	26
4d	Demand Response used for Energy, Voluntary - Emergency	419	419	419	419	419	419	419	419	419	419	419
5	TOTAL INTERNAL CAPACITY = 6+7	252762	270691	269442	274095	277446	280392	282150	284254	287673	288833	292059
6	EXISTING CAPACITY = 6a+6b+6c	252762	267743	265362	265904	264647	265239	264836	265984	265812	265663	267172
6a	Existing, Certain (Note: The sum of 6a1 through 6a4 must be <= 6a)	237617	250204	246360	245641	243032	242195	241465	242081	241633	241332	241271
6a1	Wind Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
6a2	Solar Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
6a3	Hydro Expected On-Peak	12127.6	12147.6	12251.6	12273.6	12276.6	12240.6	12276.6	12276.6	12276.6	12277.6	12277.6
6a4	Biomass Expected On-Peak	214	214	214	214	214	214	214	214	214	214	214
6a5	Load as a Capacity Resource Expected On-Peak (Load Management Programs)	0	0	0	0	0	0	0	0	0	0	0
6b	Existing, Other (Note: The sum of 6b1 through 6b7 must be <= 6b)	14686	15164	16835	17528	18742	19481	19531	19531	19531	19530	21100
6b1	Wind Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
6b2	Solar Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
6b3	Hydro Derate On-Peak	118	100	120	100	99	99	99	99	99	98	98
6b4	Biomass Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
6b5	Load as a Capacity Resource Derate On-Peak (Load Management Programs)	0	0	0	0	0	0	0	0	0	0	0
6b6	Energy Only	2165	2165	2765	2730	2730	2730	2730	2730	2730	2730	2730
6b7	Scheduled Outage - Maintenance	1159	819	1211	875	700	520	340	340	340	340	340
6b8	Transmission-Limited Resources	0	0	0	0	0	0	0	0	0	0	0
6c	Existing, Inoperable (Note: Capacity reported in this line are not used in margin calculations)	459	2375	2167	2735	2873	3563	3840	4372	4648	4801	4801
7	FUTURE CAPACITY ADDITIONS = 7a+7b	0	2948	4080	8191	12799	15153	17314	18270	21861	23170	24887
7a	Future, Planned (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only.)	0	2519	4080	8106	12560	13290	13820	13838	16405	16388	16388

7a1	Wind Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7a2	Solar Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7a3	Hydro Expected On-Peak	0	4	2	2	2	0	0	0	0	0	0
7a4	Biomass Expected On-Peak	0	34	34	34	34	34	34	34	34	34	34
7b	Future, Other (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only.)	0	429	1632	2249	2252	2255	3258	3261	3415	4418	4421
7b1	Wind Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b2	Wind Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b3	Solar Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b4	Solar Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b5	Hydro Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b6	Hydro Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b7	Biomass Expected On-Peak	0	3	6	10	13	16	19	22	26	29	32
7b8	Biomass Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b9	Energy Only	0	0	0	0	0	0	0	0	0	0	0
8	Conceptual (Note: Only the net expected on-peak capacity is included in this line and does not include Energy Only.)	0	0	0	85	239	1863	3494	4432	5456	6782	8499
8a1	Wind Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a2	Wind Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a3	Solar Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a4	Solar Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a5	Hydro Expected On-Peak	0	0	0	0	0	0	1	1	1	0	0
8a6	Hydro Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a7	Biomass Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a8	Biomass Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a9	Energy Only	0	0	0	0	0	0	0	0	0	0	0
9	DELIVERABLE INTERNAL CAPACITY = 6a+7a	237617	252723	250440	253747	255592	255485	255285	255919	258038	257720	257659
10	CAPACITY TRANSACTIONS - IMPORTS = 10a+10b+10c+10d	5454	5249	5233	5735	5862	6116	7183	7534	7386	7347	7628
10a	Firm (Note: The sum of 10a1 and 10a2 must be <= 10a)	5454	5249	5233	5735	5862	6116	7183	7534	7386	7347	7628
10a1	Full-Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
10a2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	0	0	0	0	0	0	0	0	0	0
10b	Non-firm	0	0	0	0	0	0	0	0	0	0	0
10c	Expected (Note: The sum of 10c1 and 10c2 must be <= 10c)	0	0	0	0	0	0	0	0	0	0	0
10c1	Full-Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
10c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	0	0	0	0	0	0	0	0	0	0
10d	Provisional – transactions under study, but negotiations have not begun.	0	0	0	0	0	0	0	0	0	0	0
11	CAPACITY TRANSACTIONS - EXPORTS = 11a+11b+11c+11d	8274	6952	5664	5422	5294	5314	5137	5149	4301	4409	4518
11a	Firm (Note: The sum of 11a1 and 11a2 must be <= 11a)	8274	6780	5492	5250	5122	5142	4965	4977	4129	4237	4346
11a1	Full-Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
11a2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	0	0	0	0	0	0	0	0	0	0
11b	Non-firm	0	172	172	172	172	172	172	172	172	172	172
11c	Expected (Note: The sum of 11c1 and 11c2 must be <= 11c)	0	0	0	0	0	0	0	0	0	0	0
11c1	Full-Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
11c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	0	0	0	0	0	0	0	0	0	0
11d	Provisional – transactions under study, but negotiations have not begun.	0	0	0	0	0	0	0	0	0	0	0
12	EXISTING, CERTAIN CAPACITY & NET FIRM TRANSACTIONS = 6a+Net Firm Transactions	234797	248673	246101	246126	243772	243169	243683	244638	244890	244442	244553
13	DELIVERABLE CAPACITY RESOURCES = 12+7a+Net Expected Transactions	234797	251192	250181	254232	256332	256459	257503	258476	261295	260830	260941
14	PROSPECTIVE CAPACITY RESOURCES = 13+6b-[Existing,Other Derates]+16b	246041	263272	262920	268055	271545	272591	273865	274838	277657	277192	278873

15	TOTAL POTENTIAL CAPACITY RESOURCES = 13+6b-[Existing,Other Derates]+7b+ 8+Net Provisional Transactions	246041	263701	264552	270389	274036	276709	280617	282531	286528	288392	291793
15a	ADJUSTED POTENTIAL CAPACITY RESOURCES = 13+6b-[Existing,Other Derates]+ 16b+16d+Net Provisional Transactions	246041	263272	262920	268055	271545	272591	273865	274838	277657	277192	278873
16a	Confidence of Future, Other (7b), using reasonable judgement	0	0	0	0	0	0	0	0	0	0	0
16b	Net Future, Other Resources After Confidence Percentage Is Applied = 7b*16a	0	0	0	0	0	0	0	0	0	0	0
16c	Confidence of Conceptual (8), using reasonable judgement	0	0	0	0	0	0	0	0	0	0	0
16d	Net Conceptual Resources After Confidence Percentage Is Applied = 8*16c	0	0	0	0	0	0	0	0	0	0	0

Form EIA-411 for 2008 **WINTER**
Released: February 2010
Next Update: October 2010

Table 5*g*. Winter (SPP) Historical and Projected Demand and Capacity, Calendar Year 2008 (Megawatts)

Region	*SPP*
Subregion	
Country	*U*

WINTER		Actual	Projected									
Line#	DESCRIPTION	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1	Unrestricted Non-coincident Peak Demand = 2+1a+1b-1c-1d	32809	32671	33365	33972	34592	35202	35761	35784	36302	36835	37356
1a	New Conservation (Energy Efficiency)	0	35	57	108	171	241	295	352	335	322	309
1b	Estimated Diversity	0	0	0	0	0	0	0	0	0	0	0
1c	Additions for non-member load (load served by non-registered LSE's in a region)	0	0	0	0	0	0	0	0	0	0	0
1d	Stand-by Load Under Contract (Normally served by behind the meter generation)	0	0	0	0	0	0	0	0	0	0	0
2	Total Internal Demand	32809	32636	33308	33864	34421	34961	35466	35432	35967	36513	37047
2a	Direct Control Load Management	33	33	15	15	15	15	15	15	15	15	15
2b	Contractually Interruptible (Curtailable)	271	377	387	397	405	415	418	421	424	429	431
2c	Critical Peak-Pricing (CPP) with Control	0	35	36	108	184	262	274	287	300	315	324
2d	Load as a Capacity Resource	143	203	220	243	246	247	247	248	248	249	249
3	Net Internal Demand = 2-2a-2b-2c-2d	32362	31988	32650	33101	33571	34022	34512	34461	34980	35505	36028
4a	Demand Response used for Reserves - Spinning	0	0	0	0	0	0	0	0	0	0	0
4b	Demand Response used for Reserves - Non-Spinning	0	0	0	0	0	0	0	0	0	0	0
4c	Demand Response used for Regulation	0	0	0	0	0	0	0	0	0	0	0
4d	Demand Response used for Energy, Voluntary - Emergency	0	0	0	0	0	0	0	0	0	0	0
5	TOTAL INTERNAL CAPACITY = 6+7	55888	57155.791	59689.582	60869.373	62067.164	63103.455	63642.546	64478.637	65072.728	65633.319	66223.91
6	EXISTING CAPACITY = 6a+6b+6c	55888	56145	56238	56215	56215	56211	56160	56056	56056	56026	56026
6a	Existing, Certain (Note: The sum of 6a1 through 6a4 must be <= 6a)	47924	48517	48639	48604	48714	48710	48679	48575	48575	48545	48545
6a1	Wind Expected On-Peak	70	70	70	70	70	70	70	70	70	70	70
6a2	Solar Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
6a3	Hydro Expected On-Peak	2898	2850	2877	2865	2975	2975	2995	2995	2995	2995	2995
6a4	Biomass Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
6a5	Load as a Capacity Resource Expected On-Peak (Load Management Programs)	0	0	0	0	0	0	0	0	0	0	0
6b	Existing, Other (Note: The sum of 6b1 through 6b7 must be <= 6b)	7593	7084	7095	7127	7067	7067	7047	7047	7047	7047	7047
6b1	Wind Derate On-Peak	389	385	385	385	385	385	385	385	385	385	385
6b2	Solar Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
6b3	Hydro Derate On-Peak	198	198	198	198	198	198	198	198	198	198	198
6b4	Biomass Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
6b5	Load as a Capacity Resource Derate On-Peak (Load Management Programs)	0	0	0	0	0	0	0	0	0	0	0
6b6	Energy Only	50	50	50	50	50	50	50	50	50	50	50
6b7	Scheduled Outage - Maintenance	37	37	48	80	20	20	0	0	0	0	0
6b8	Transmission-Limited Resources	0	0	0	0	0	0	0	0	0	0	0
6c	Existing, Inoperable (Note: Capacity reported in this line are not used in margin calculations)	371	544	504	484	434	434	434	434	434	434	434
7	FUTURE CAPACITY ADDITIONS = 7a+7b	0	1010.791	3451.582	4654.373	5852.164	6892.455	7482.546	8422.637	9016.728	9607.319	10197.91
7a	Future, Planned (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only.)	0	423	2272	2891	3495	3942	3942	4292	4292	4292	4292

7a1	Wind Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7a2	Solar Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7a3	Hydro Expected On-Peak	0	4	8	12	16	16	16	16	16	16	16
7a4	Biomass Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b	Future, Other (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only.)	0	0	465	469	469	619	625	625	625	626	637
7b1	Wind Expected On-Peak	0	0	0	0	0	23	23	23	23	23	23
7b2	Wind Derate On-Peak	0	75	150	250	350	477	477	477	477	477	477
7b3	Solar Expected On-Peak	0	0	0	2	2	2	6	6	6	6	12
7b4	Solar Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b5	Hydro Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b6	Hydro Derate On-Peak	0	1	1	1	1	1	1	1	1	1	1
7b7	Biomass Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b8	Biomass Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b9	Energy Only	0	0	0	0	0	0	0	0	0	0	0
8	Conceptual (Note: Only the net expected on-peak capacity is included in this line and does not include Energy Only.)	0	587.791	1179.582	1763.373	2357.164	2950.455	3540.546	4130.637	4724.728	5315.319	5905.91
8a1	Wind Expected On-Peak	0	5877.91	5897.91	5877.91	5892.91	5900.91	5900.91	5900.91	5905.91	5905.91	5905.91
8a2	Wind Derate On-Peak	0	52976.19	53051.19	53151.19	53251.19	53378.19	53378.19	53378.19	53378.19	53378.19	53378.19
8a3	Solar Expected On-Peak	0	0	27	27	27	27	27	41	41	41	41
8a4	Solar Derate On-Peak	0	0	2	2	2	2	2	2	2	2	2
8a5	Hydro Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a6	Hydro Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a7	Biomass Expected On-Peak	0	0	6	6	6	6	6	6	9	9	9
8a8	Biomass Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a9	Energy Only	0	0	0	0	0	0	0	0	0	0	0
9	DELIVERABLE INTERNAL CAPACITY = 6a+7a	47924	48940	50911	51495	52209	52652	52621	52867	52867	52837	52837
10	CAPACITY TRANSACTIONS - IMPORTS = 10a+10b+10c+10d	1178.5	1338.5	1125.5	1073.5	1075	1025	978	821	685	689	692
10a	Firm (Note: The sum of 10a1 and 10a2 must be <= 10a)	1178.5	1338.5	1125.5	1073.5	1075	1025	978	821	685	689	692
10a1	Full-Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
10a2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	0	0	0	0	0	0	0	0	0	0
10b	Non-firm	0	0	0	0	0	0	0	0	0	0	0
10c	Expected (Note: The sum of 10c1 and 10c2 must be <= 10c)	0	0	0	0	0	0	0	0	0	0	0
10c1	Full-Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
10c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	0	0	0	0	0	0	0	0	0	0
10d	Provisional – transactions under study, but negotiations have not begun.	0	0	0	0	0	0	0	0	0	0	0
11	CAPACITY TRANSACTIONS - EXPORTS = 11a+11b+11c+11d	877	744	744	744	744	744	746	746	746	746	748
11a	Firm (Note: The sum of 11a1 and 11a2 must be <= 11a)	877	744	744	744	744	744	746	746	746	746	748
11a1	Full-Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
11a2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	0	0	0	0	0	0	0	0	0	0
11b	Non-firm	0	0	0	0	0	0	0	0	0	0	0
11c	Expected (Note: The sum of 11c1 and 11c2 must be <= 11c)	0	0	0	0	0	0	0	0	0	0	0
11c1	Full-Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
11c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	0	0	0	0	0	0	0	0	0	0
11d	Provisional – transactions under study, but negotiations have not begun.	0	0	0	0	0	0	0	0	0	0	0
12	EXISTING, CERTAIN CAPACITY & NET FIRM TRANSACTIONS = 6a+Net Firm Transactions	48225.5	49111.5	49020.5	48933.5	49045	48991	48911	48650	48514	48488	48489
13	DELIVERABLE CAPACITY RESOURCES = 12+7a+Net Expected Transactions	48225.5	49534.5	51292.5	51824.5	52540	52933	52853	52942	52806	52780	52781
14	PROSPECTIVE CAPACITY RESOURCES = 13+6b-[Existing,Other Derates]+16b	55144.5	55948.5	57822.75	58355.75	59071.25	59501.75	59423.25	59512.25	59376.25	59350.5	59354.25

15	TOTAL POTENTIAL CAPACITY RESOURCES = 13+6b-[Existing,Other Derates]+7b+ 8+Net Provisional Transactions	55144.5	56536.291	59351.082	60470.873	61780.164	62916.455	63432.546	64111.637	64569.728	65135.319	65737.91
15a	ADJUSTED POTENTIAL CAPACITY RESOURCES = 13+6b-[Existing,Other Derates]+ 16b+16d+Net Provisional Transactions	55144.5	55977.89	57881.729	58443.919	59189.108	59649.273	59600.277	59718.782	59612.486	59616.266	59649.546
16a	Confidence of Future, Other (7b), using reasonable judgement	0	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
16b	Net Future, Other Resources After Confidence Percentage Is Applied = 7b*16a	0	0	116.25	117.25	117.25	154.75	156.25	156.25	156.25	156.5	159.25
16c	Confidence of Conceptual (8), using reasonable judgement	0	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
16d	Net Conceptual Resources After Confidence Percentage Is Applied = 8*16c	0	29.38955	58.9791	88.16865	117.8582	147.52275	177.0273	206.53185	236.2364	265.76595	295.2955

Form EIA-411 for 2008 **WINTER**

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Table 5*h*. Winter (TRE) Historical and Projected Demand and Capacity, Calendar Year 2008 (Megawatts)

Region	*TRE*
Subregion	
Country	*U*

WINTER		Actual	Projected									
Line#	DESCRIPTION	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1	Unrestricted Non-coincident Peak Demand = 2+1a+1b-1c-1d	47805.655	43573	44705	46026	47272	48226	49156	49994	51077	52012	52647
1a	New Conservation (Energy Efficiency)	0	110	242	242	242	242	242	242	242	242	242
1b	Estimated Diversity	0	0	0	0	0	0	0	0	0	0	0
1c	Additions for non-member load (load served by non-registered LSE's in a region)	0	0	0	0	0	0	0	0	0	0	0
1d	Stand-by Load Under Contract (Normally served by behind the meter generation)	0	0	0	0	0	0	0	0	0	0	0
2	Total Internal Demand	47805.655	43463	44463	45784	47030	47984	48914	49752	50835	51770	52405
2a	Direct Control Load Management	0	0	0	0	0	0	0	0	0	0	0
2b	Contractually Interruptible (Curtailable)	0	0	0	0	0	0	0	0	0	0	0
2c	Critical Peak-Pricing (CPP) with Control	0	0	0	0	0	0	0	0	0	0	0
2d	Load as a Capacity Resource	1059	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115
3	Net Internal Demand = 2-2a-2b-2c-2d	46746.655	42348	43348	44669	45915	46869	47799	48637	49720	50655	51290
4a	Demand Response used for Reserves - Spinning	1059	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115
4b	Demand Response used for Reserves - Non-Spinning	0	0	0	0	0	0	0	0	0	0	0
4c	Demand Response used for Regulation	0	0	0	0	0	0	0	0	0	0	0
4d	Demand Response used for Energy, Voluntary - Emergency	217	217	217	217	217	217	217	217	217	217	217
5	TOTAL INTERNAL CAPACITY = 6+7	85763	89975.777	102272.58	112489.07	117793.14	122008.14	123631.54	123631.54	123631.54	123631.54	123631.545
6	EXISTING CAPACITY = 6a+6b+6c	85763	89095	89095	89095	89095	89095	89095	89095	89095	89095	89095
6a	Existing, Certain (Note: The sum of 6a1 through 6a4 must be <= 6a)	73589	73610	73610	73610	73610	73610	73610	73610	73610	73610	73610
6a1	Wind Expected On-Peak	702	708	708	708	708	708	708	708	708	708	708
6a2	Solar Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
6a3	Hydro Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
6a4	Biomass Expected On-Peak	61	66	66	66	66	66	66	66	66	66	66
6a5	Load as a Capacity Resource Expected On-Peak (Load Management Programs)	0	0	0	0	0	0	0	0	0	0	0
6b	Existing, Other (Note: The sum of 6b1 through 6b7 must be <= 6b)	7909	7973	7973	7973	7973	7973	7973	7973	7973	7973	7973
6b1	Wind Derate On-Peak	7363	7427	7427	7427	7427	7427	7427	7427	7427	7427	7427
6b2	Solar Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
6b3	Hydro Derate On-Peak	546	546	546	546	546	546	546	546	546	546	546
6b4	Biomass Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
6b5	Load as a Capacity Resource Derate On-Peak (Load Management Programs)	0	0	0	0	0	0	0	0	0	0	0
6b6	Energy Only	0	0	0	0	0	0	0	0	0	0	0
6b7	Scheduled Outage - Maintenance	0	0	0	0	0	0	0	0	0	0	0
6b8	Transmission-Limited Resources	0	0	0	0	0	0	0	0	0	0	0
6c	Existing, Inoperable (Note: Capacity reported in this line are not used in margin calculations)	4265	7512	7512	7512	7512	7512	7512	7512	7512	7512	7512
7	FUTURE CAPACITY ADDITIONS = 7a+7b	0	880.777	13177.583	23394.072	28698.145	32913.145	34536.545	34536.545	34536.545	34536.545	34536.5449
7a	Future, Planned (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only.)	0	880.777	3890.452	4557.432	5524.801	7316.801	7316.801	7316.801	7316.801	7316.801	7316.801

7a1	Wind Expected On-Peak	0	75.777	121.452	168.432	210.801	210.801	210.801	210.801	210.801	210.801	210.801
7a2	Solar Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7a3	Hydro Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7a4	Biomass Expected On-Peak	0	45	45	45	45	45	45	45	45	45	45
7b	Future, Other (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only.)	0	0	0	0	0	0	0	0	0	0	0
7b1	Wind Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b2	Wind Derate On-Peak	0	795.223	1274.548	1767.568	2212.199	2212.199	2212.199	2212.199	2212.199	2212.199	2212.199
7b3	Solar Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b4	Solar Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b5	Hydro Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b6	Hydro Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b7	Biomass Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b8	Biomass Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b9	Energy Only	0	0	0	0	0	0	0	0	0	0	0
8	Conceptual (Note: Only the net expected on-peak capacity is included in this line and does not include Energy Only.)	0	0	9287.1305	18836.64	23173.344	25596.344	27219.744	27219.744	27219.744	27219.744	27219.7439
8a1	Wind Expected On-Peak	0	0	1653.1305	2376.6399	2741.3439	3089.3439	3106.7439	3106.7439	3106.7439	3106.7439	3106.7439
8a2	Wind Derate On-Peak	0	0	17348.37	24941.06	28768.356	32420.356	32602.956	32602.956	32602.956	32602.956	32602.9561
8a3	Solar Expected On-Peak	0	0	0	225	225	225	225	225	225	225	225
8a4	Solar Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a5	Hydro Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a6	Hydro Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a7	Biomass Expected On-Peak	0	0	0	50	150	150	150	150	150	150	150
8a8	Biomass Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a9	Energy Only	0	0	0	0	0	0	0	0	0	0	0
9	DELIVERABLE INTERNAL CAPACITY = 6a+7a	73589	74490.777	77500.452	78167.432	79134.801	80926.801	80926.801	80926.801	80926.801	80926.801	80926.801
10	CAPACITY TRANSACTIONS - IMPORTS = 10a+10b+10c+10d	347	553	553	553	553	553	553	553	553	553	553
10a	Firm (Note: The sum of 10a1 and 10a2 must be <= 10a)	347	553	553	553	553	553	553	553	553	553	553
10a1	Full-Responsibility Purchases	0	46	46	46	46	48	48	48	48	48	50
10a2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	0	0	0	0	0	0	0	0	0	0
10b	Non-firm	0	0	0	0	0	0	0	0	0	0	0
10c	Expected (Note: The sum of 10c1 and 10c2 must be <= 10c)	0	0	0	0	0	0	0	0	0	0	0
10c1	Full-Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
10c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	0	0	0	0	0	0	0	0	0	0
10d	Provisional – transactions under study, but negotiations have not begun.	0	0	0	0	0	0	0	0	0	0	0
11	CAPACITY TRANSACTIONS - EXPORTS = 11a+11b+11c+11d	26	247	247	247	247	247	247	247	247	247	247
11a	Firm (Note: The sum of 11a1 and 11a2 must be <= 11a)	26	247	247	247	247	247	247	247	247	247	247
11a1	Full-Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
11a2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	247	247	247	247	247	247	247	247	247	247
11b	Non-firm	0	0	0	0	0	0	0	0	0	0	0
11c	Expected (Note: The sum of 11c1 and 11c2 must be <= 11c)	0	0	0	0	0	0	0	0	0	0	0
11c1	Full-Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
11c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	0	0	0	0	0	0	0	0	0	0
11d	Provisional – transactions under study, but negotiations have not begun.	0	0	0	0	0	0	0	0	0	0	0
12	EXISTING, CERTAIN CAPACITY & NET FIRM TRANSACTIONS = 6a+Net Firm Transactions	73910	73916	73916	73916	73916	73916	73916	73916	73916	73916	73916
13	DELIVERABLE CAPACITY RESOURCES = 12+7a+Net Expected Transactions	73910	74796.777	77806.452	78473.432	79440.801	81232.801	81232.801	81232.801	81232.801	81232.801	81232.801
14	PROSPECTIVE CAPACITY RESOURCES = 13+6b-[Existing,Other Derates]+16b	73910	74796.777	77806.452	78473.432	79440.801	81232.801	81232.801	81232.801	81232.801	81232.801	81232.801

15	TOTAL POTENTIAL CAPACITY RESOURCES = 13+6b-[Existing,Other Derates]+7b+ 8+Net Provisional Transactions	73910	74796.777	87093.583	97310.072	102614.14	106829.14	108452.54	108452.54	108452.54	108452.54	108452.545
15a	ADJUSTED POTENTIAL CAPACITY RESOURCES = 13+6b-[Existing,Other Derates]+ 16b+16d+Net Provisional Transactions	73910	74796.777	77806.452	78473.432	79440.801	81232.801	81232.801	81232.801	81232.801	81232.801	81232.801
16a	Confidence of Future, Other (7b), using reasonable judgement	0	0	0	0	0	0	0	0	0	0	0
16b	Net Future, Other Resources After Confidence Percentage Is Applied = 7b*16a	0	0	0	0	0	0	0	0	0	0	0
16c	Confidence of Conceptual (8), using reasonable judgement	0	0	0	0	0	0	0	0	0	0	0
16d	Net Conceptual Resources After Confidence Percentage Is Applied = 8*16c	0	0	0	0	0	0	0	0	0	0	0

Form EIA-411 for 2008 **WINTER**
Released: February 2010
Next Update: October 2010

Table 5i. Winter (WECC) Historical and Projected Demand and Capacity, Calendar Year 2008 (Megawatts)

Region	*WECC*
Subregion	
Country	*U*

WINTER		Actual	Projected									
Line#	DESCRIPTION	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1	Unrestricted Non-coincident Peak Demand = 2+1a+1b-1c-1d	113605	112357	114562	116709	118558	120441	122411	124409	126270	128276	130218
1a	New Conservation (Energy Efficiency)	0	2010	2443	2854	3013	3138	3263	3378	3493	3598	3680
1b	Estimated Diversity	0	0	0	0	0	0	0	0	0	0	0
1c	Additions for non-member load (load served by non-registered LSE's in a region)	0	0	0	0	0	0	0	0	0	0	0
1d	Stand-by Load Under Contract (Normally served by behind the meter generation)	0	977	977	977	977	977	977	977	977	977	977
2	Total Internal Demand	113605	111324	113096	114832	116522	118280	120125	122008	123754	125655	127515
2a	Direct Control Load Management	716	654	704	718	726	730	735	743	746	750	754
2b	Contractually Interruptible (Curtailable)	1719	1913	2039	2200	2206	2222	2244	2260	2261	2264	2266
2c	Critical Peak-Pricing (CPP) with Control	0	5	10	15	19	31	37	43	45	46	48
2d	Load as a Capacity Resource	193	217	336	438	426	430	432	435	437	439	442
3	Net Internal Demand = 2-2a-2b-2c-2d	110977	108535	110007	111461	113145	114867	116677	118527	120265	122156	124005
4a	Demand Response used for Reserves - Spinning	0	90	90	90	90	90	90	90	90	90	90
4b	Demand Response used for Reserves - Non-Spinning	0	0	0	0	0	0	0	0	0	0	0
4c	Demand Response used for Regulation	0	0	0	0	0	0	0	0	0	0	0
4d	Demand Response used for Energy, Voluntary - Emergency	143	145	187	200	182	184	186	187	158	159	159
5	TOTAL INTERNAL CAPACITY = 6+7	179921	187012	194093	200562	206445	209463	211082	212971	212337	213288	213554
6	EXISTING CAPACITY = 6a+6b+6c	179921	182322	182086	182297	181454	181532	181011	182117	181692	182139	181825
6a	Existing, Certain (Note: The sum of 6a1 through 6a4 must be <= 6a)	167152	169384	169052	169364	168636	168753	168122	169112	168658	169109	168795
6a1	Wind Expected On-Peak	1446	1439	1439	1439	1439	1439	1439	1439	1432	1432	1432
6a2	Solar Expected On-Peak	36	36	36	36	36	36	36	36	36	36	36
6a3	Hydro Expected On-Peak	48311	48720	48405	48536	47764	47803	47681	47665	47537	47541	47538
6a4	Biomass Expected On-Peak	1276	1274	1274	1274	1274	1274	1274	1274	1274	1274	1274
6a5	Load as a Capacity Resource Expected On-Peak (Load Management Programs)	0	0	0	0	0	0	0	0	0	0	0
6b	Existing, Other (Note: The sum of 6b1 through 6b7 must be <= 6b)	12769	12938	13034	12933	12818	12779	12889	13005	13034	13030	13030
6b1	Wind Derate On-Peak	6487	6487	6487	6487	6487	6487	6487	6487	6487	6487	6487
6b2	Solar Derate On-Peak	457	457	457	457	457	457	457	457	457	457	457
6b3	Hydro Derate On-Peak	5533	5702	5798	5697	5582	5543	5653	5769	5798	5794	5794
6b4	Biomass Derate On-Peak	292	292	292	292	292	292	292	292	292	292	292
6b5	Load as a Capacity Resource Derate On-Peak (Load Management Programs)	0	0	0	0	0	0	0	0	0	0	0
6b6	Energy Only	0	0	0	0	0	0	0	0	0	0	0
6b7	Scheduled Outage - Maintenance	0	0	0	0	0	0	0	0	0	0	0
6b8	Transmission-Limited Resources	0	0	0	0	0	0	0	0	0	0	0
6c	Existing, Inoperable (Note: Capacity reported in this line are not used in margin calculations)	0	0	0	0	0	0	0	0	0	0	0
7	FUTURE CAPACITY ADDITIONS = 7a+7b	0	4690	12007	18265	24991	27931	30071	30854	30645	31149	31729
7a	Future, Planned (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only.)	0	4683	11839	17753	23167	24405	24711	24578	24616	24625	24588

7a1	Wind Expected On-Peak	0	361	1004	1587	1779	1884	1937	1937	1937	1937	1937
7a2	Solar Expected On-Peak	0	19	1299	3362	4171	5110	5117	5124	5132	5139	5213
7a3	Hydro Expected On-Peak	0	36	58	65	122	122	124	124	124	124	124
7a4	Biomass Expected On-Peak	0	233	251	252	291	315	339	363	390	391	392
7b	Future, Other (Note: Only the net expected On-Peak values are included in this line and does not include Energy Only.)	0	0	0	0	50	50	50	50	50	50	50
7b1	Wind Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b2	Wind Derate On-Peak	0	3024	6567	10172	12300	12973	13135	13135	13135	13135	13135
7b3	Solar Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b4	Solar Derate On-Peak	0	1458	3082	5604	7962	9978	11878	12808	12808	12808	12808
7b5	Hydro Expected On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b6	Hydro Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
7b7	Biomass Expected On-Peak	0	0	0	0	50	50	50	50	50	50	50
7b8	Biomass Derate On-Peak	0	37	39	39	40	40	40	40	40	40	40
7b9	Energy Only	0	0	0	0	0	0	0	0	0	0	0
8	Conceptual (Note: Only the net expected on-peak capacity is included in this line and does not include Energy Only.)	0	7	168	512	1824	3526	5360	6276	6029	6524	7141
8a1	Wind Expected On-Peak	0	0	0	17	37	79	85	95	97	97	107
8a2	Wind Derate On-Peak	0	303	1282	1715	2236	3918	4352	4632	4730	4730	4750
8a3	Solar Expected On-Peak	0	1	2	4	99	427	617	634	635	635	695
8a4	Solar Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a5	Hydro Expected On-Peak	0	0	0	0	0	25	50	465	465	465	465
8a6	Hydro Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a7	Biomass Expected On-Peak	0	2	4	6	8	10	12	14	17	18	20
8a8	Biomass Derate On-Peak	0	0	0	0	0	0	0	0	0	0	0
8a9	Energy Only	0	0	0	0	0	0	0	0	0	0	0
9	DELIVERABLE INTERNAL CAPACITY = 6a+7a	167152	174067	180891	187117	191803	193158	192833	193690	193274	193734	193383
10	CAPACITY TRANSACTIONS - IMPORTS = 10a+10b+10c+10d	160	695	989	1260	1264	1250	1189	1010	964	916	868
10a	Firm (Note: The sum of 10a1 and 10a2 must be <= 10a)	160	166	166	166	116	116	129	129	229	207	218
10a1	Full-Responsibility Purchases	0	0	0	0	0	0	0	0	100	78	89
10a2	Owned Capacity/Entitlement Located Outside the Region/Subregion	160	166	166	166	116	116	129	129	129	129	129
10b	Non-firm	0	0	0	0	0	0	0	0	0	0	0
10c	Expected (Note: The sum of 10c1 and 10c2 must be <= 10c)	0	529	823	1094	1148	1134	1060	881	735	709	650
10c1	Full-Responsibility Purchases	0	529	823	1094	1148	1134	1060	881	735	709	650
10c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	0	0	0	0	0	0	0	0	0	0
10d	Provisional – transactions under study, but negotiations have not begun.	0	0	0	0	0	0	0	0	0	0	0
11	CAPACITY TRANSACTIONS - EXPORTS = 11a+11b+11c+11d	0	1260	1225	1273	1321	1352	1334	1200	1200	1200	1200
11a	Firm (Note: The sum of 11a1 and 11a2 must be <= 11a)	0	1260	1225	1273	1321	1352	1334	1200	1200	1200	1200
11a1	Full-Responsibility Purchases	0	60	25	73	121	152	134	0	0	0	0
11a2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
11b	Non-firm	0	0	0	0	0	0	0	0	0	0	0
11c	Expected (Note: The sum of 11c1 and 11c2 must be <= 11c)	0	0	0	0	0	0	0	0	0	0	0
11c1	Full-Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
11c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	0	0	0	0	0	0	0	0	0	0	0
11d	Provisional – transactions under study, but negotiations have not begun.	0	0	0	0	0	0	0	0	0	0	0
12	EXISTING, CERTAIN CAPACITY & NET FIRM TRANSACTIONS = 6a+Net Firm Transactions	167312	168290	167993	168257	167431	167517	166917	168041	167687	168116	167813
13	DELIVERABLE CAPACITY RESOURCES = 12+7a+Net Expected Transactions	167312	173502	180655	187104	191746	193056	192688	193500	193038	193450	193051
14	PROSPECTIVE CAPACITY RESOURCES = 13+6b-[Existing,Other Derates]+16b	167312	173502	180655	187104	191746	193056	192688	193500	193038	193450	193051

15	TOTAL POTENTIAL CAPACITY RESOURCES = 13+6b-[Existing,Other Derates]+7b+ 8+Net Provisional Transactions	167312	173509	180823	187616	193620	196632	198098	199826	199117	200024	200242
15a	ADJUSTED POTENTIAL CAPACITY RESOURCES = 13+6b-[Existing,Other Derates]+ 16b+16d+Net Provisional Transactions	167312	173504	180659.7	187245.82	192318.74	194392.35	195137.52	196186.13	195329.02	196144.41	196121.63
16a	Confidence of Future, Other (7b), using reasonable judgement	0	0	0	0	0	0	0	0	0	0	0
16b	Net Future, Other Resources After Confidence Percentage Is Applied = 7b*16a	0	0	0	0	0	0	0	0	0	0	0
16c	Confidence of Conceptual (8), using reasonable judgement	0	0.286	0.028	0.277	0.314	0.379	0.457	0.428	0.38	0.413	0.43
16d	Net Conceptual Resources After Confidence Percentage Is Applied = 8*16c	0	2.002	4.704	141.824	572.736	1336.354	2449.52	2686.128	2291.02	2694.412	3070.63