

Form EIA-411 2010
 Released: December 2011
 Next Update: November 2012

Table 5B.1. FRCC Winter Historical and Projected Demand and Capacity, Data Year 2010 (Megawatts)

Data Year	Country	Season	Area	Subarea	Line#	DESCRIPTION	Projected										
							Actual 2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
2010	US	WIN	FRCC	-	1	Unrestricted Non-coincident Peak Demand	46,135	47,613	48,276	48,889	49,534	50,148	50,812	51,408	52,088	52,784	53,415
2010	US	WIN	FRCC	-	1a	New Conservation (Energy Efficiency)	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	1b	Estimated Diversity	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	1c	Additions for non-member load (load served by non-registered LSE's in	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	1d	Stand-by Load Under Contract (Normally served by behind the meter ge	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	1e	Non-Controllable Demand-Side Demand Response	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	2	Total Internal Demand	46,135	47,613	48,276	48,889	49,534	50,148	50,812	51,408	52,088	52,784	53,415
2010	US	WIN	FRCC	-	2H1	Load Forecast Uncertainty (Extreme Demand Factor)	-	1	1	1	1	1	1	1	1	1	1
2010	US	WIN	FRCC	-	2H	Total Internal Demand	1	50,367	51,652	52,774	53,874	54,883	55,914	56,837	57,823	58,804	59,507
2010	US	WIN	FRCC	-	2a	Supply-Side Direct Control Load Management	111	2,783	2,825	2,851	2,929	3,000	3,057	3,116	3,170	3,205	3,229
2010	US	WIN	FRCC	-	2b	Supply-Side Contractually Interruptible (Curtailable)	70	634	701	688	682	645	646	648	649	650	651
2010	US	WIN	FRCC	-	2c	Supply-Side Critical Peak-Pricing (CPP) with Control	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	2d	Supply-Side Load as a Capacity Resource	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	3	Net Internal Demand	45,954	44,196	44,750	45,350	45,923	46,503	47,109	47,644	48,269	48,929	49,535
2010	US	WIN	FRCC	-	4a	Demand Response used for Ancillary Services - Spinning F	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	4b	Demand Response used for Ancillary Services - Non-Spinn	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	4c	Demand Response used for Regulation	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	4d	Demand Response used for Energy, Voluntary Services - E	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	5	TOTAL INTERNAL CAPACITY	59,289	60,137	61,679	62,576	66,008	66,191	67,811	68,158	68,365	68,696	71,189
2010	US	WIN	FRCC	-	6	EXISTING CAPACITY	58,696	60,312	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	6a	Existing, Certain	55,087	53,771	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	6a1	Wind Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	6a2	Solar Expected On-Peak	1	1	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	6a3	Hydro Expected On-Peak	44	44	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	6a4	Biomass Expected On-Peak	473	367	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	6b	Existing, Other (Note: Enter the net expected value only)	1,371	177	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	6b1	Wind Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	6b2	Solar Derate On-Peak	32	46	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	6b3	Hydro Derate On-Peak	11	11	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	6b4	Biomass Derate On-Peak	-	14	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	6b5	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	6b6	All Other Derates	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	6b7	Energy Only (Existing-Other)	1,328	177	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	6c	Existing, Inoperable (Note: Capacity reported on this line is	2,238	2,876	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	6d	Total Supply-Side Demand Response	181	3,417	3,526	3,539	3,611	3,645	3,703	3,764	3,819	3,855	3,880
2010	US	WIN	FRCC	-	7	FUTURE CAPACITY ADDITIONS	-	(181)	1,314	2,186	5,530	5,659	7,198	7,457	7,578	7,844	10,283
2010	US	WIN	FRCC	-	7a	Future, Planned (Note: Enter the net expected value only)	-	(200)	1,295	2,014	5,179	5,308	6,824	7,083	7,189	7,455	9,894
2010	US	WIN	FRCC	-	7a1	Wind Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	7a2	Wind Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	7a3	Solar Expected On-Peak	0	0	1	1	1	1	1	1	2	2	2
2010	US	WIN	FRCC	-	7a4	Solar Derate On-Peak	2	4	5	7	9	11	13	14	14	14	
2010	US	WIN	FRCC	-	7a5	Hydro Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	7a6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	7a7	Biomass Expected On-Peak	37	167	380	367	458	471	489	490	490	491	
2010	US	WIN	FRCC	-	7a8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	7a9	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	7a10	Scheduled Outage - Maintenance	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	7a11	All Other Derates	4	11	22	36	54	76	101	130	158	187	
2010	US	WIN	FRCC	-	7a12	Energy Only	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	7b	Future, Other (Note: Enter the net expected value only)	19	19	172	351	351	374	374	389	389	389	
2010	US	WIN	FRCC	-	7b1	Wind Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	7b2	Wind Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	7b3	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	7b4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	7b5	Hydro Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	7b6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	FRCC	-	7b7	Biomass Expected On-Peak	19	19	62	75	75	75	75	90	90	90	
2010	US	WIN	FRCC	-	7b8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-

FRCC

2010 US	WIN	FRCC	-	7b9	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	FRCC	-	7b10	Scheduled Outage - Maintenance	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	FRCC	-	7b11	All Other Derates	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	FRCC	-	7b12	Energy Only	19	19	172	351	351	374	374	389	389	389	389	389
2010 US	WIN	FRCC	-	8	Conceptual (Note: Enter the net expected value only)	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	FRCC	-	8a1	Wind Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	FRCC	-	8a2	Wind Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	FRCC	-	8a3	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	FRCC	-	8a4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	FRCC	-	8a5	Hydro Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	FRCC	-	8a6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	FRCC	-	8a7	Biomass Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	FRCC	-	8a8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	FRCC	-	8a9	All Other Derates	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	FRCC	-	8a10	Energy Only	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	FRCC	-	9	ANTICIPATED INTERNAL CAPACITY	55,268	56,988	58,593	59,324	62,561	62,724	64,298	64,618	64,779	65,081	67,545	67,545
2010 US	WIN	FRCC	-	10	CAPACITY TRANSACTIONS - IMPORTS	2,271	2,215	2,215	2,245	2,295	1,464	1,072	1,072	1,072	1,072	1,072	1,072
2010 US	WIN	FRCC	-	10a	Firm (Note: The sum of 10a1 and 10a2 must be = 10a)	2,271	2,215	2,215	2,245	2,295	1,464	1,072	1,072	1,072	1,072	1,072	1,072
2010 US	WIN	FRCC	-	10a1	Full-Responsibility Purchases	1,433	1,343	1,343	1,373	1,423	592	200	200	200	200	200	200
2010 US	WIN	FRCC	-	10a2	Owned Capacity/Entitlement Located Outside the Region/S	838	872	872	872	872	872	872	872	872	872	872	872
2010 US	WIN	FRCC	-	10b	Non-firm	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	FRCC	-	10c	Expected (Note: The sum of 10c1 and 10c2 must be = 10c)	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	FRCC	-	10c1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	FRCC	-	10c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	FRCC	-	10d	Provisional – transactions under study, but negotiations have not begun	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	FRCC	-	11	CAPACITY TRANSACTIONS - EXPORTS	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	FRCC	-	11a	Firm (Note: The sum of 11a1 and 11a2 must be = 11a)	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	FRCC	-	11a1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	FRCC	-	11a2	Owned Capacity/Entitlement Located Outside the Region/S	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	FRCC	-	11b	Non-firm	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	FRCC	-	11c	Expected (Note: The sum of 11c1 and 11c2 must be = 11c)	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	FRCC	-	11c1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	FRCC	-	11c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	FRCC	-	11d	Provisional – transactions under study, but negotiations have not begun	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	FRCC	-	12	EXISTING, CERTAIN CAPACITY & NET FIRM TRANSAC	57,539	59,403	59,512	59,555	59,677	58,880	58,546	58,607	58,662	58,698	58,723	58,723
2010 US	WIN	FRCC	-	13	ANTICIPATED CAPACITY RESOURCES	-	59,203	60,808	61,569	64,856	64,188	65,370	65,690	65,851	66,153	68,617	68,617
2010 US	WIN	FRCC	-	14	PROSPECTIVE CAPACITY RESOURCES	-	59,399	61,003	61,918	65,384	64,716	65,921	66,241	66,417	66,719	69,183	69,183
2010 US	WIN	FRCC	-	15	TOTAL POTENTIAL CAPACITY RESOURCES	-	59,399	61,003	61,918	65,384	64,716	65,921	66,241	66,417	66,719	69,183	69,183
2010 US	WIN	FRCC	-	15a	ADJUSTED POTENTIAL CAPACITY RESOURCES	-	59,399	61,003	61,918	65,384	64,716	65,921	66,241	66,417	66,719	69,183	69,183
2010 US	WIN	FRCC	-	16a	Confidence of Future, Other (7b), using reasonable judgement	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	FRCC	-	16b	Net Future, Other Resources After Confidence Percentage Is Applied	19	19	172	351	351	374	374	389	389	389	389	389
2010 US	WIN	FRCC	-	16c	Confidence of Conceptual (8), using reasonable judgement	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	FRCC	-	16d	Net Conceptual Resources After Confidence Percentage Is Applied	-	-	-	-	-	-	-	-	-	-	-	-

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Table 5B.2. NPCC Winter Historical and Projected Demand and Capacity, Data Year 2010 (Megawatts)

Data Year	Country	Season	Area	Subarea	Line#	DESCRIPTION	Actual	Projected									
							2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
2010	US	WIN	NPCC	ISONE	1	Unrestricted Non-coincident Peak Demand	21,060	22,255	22,365	22,510	22,630	22,750	22,875	23,000	23,120	23,240	23,365
2010	US	WIN	NPCC	ISONE	1a	New Conservation (Energy Efficiency)	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	NPCC	ISONE	1b	Estimated Diversity	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	NPCC	ISONE	1c	Additions for non-member load (load served by non-registered LSE's in	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	NPCC	ISONE	1d	Stand-by Load Under Contract (Normally served by behind the meter ge	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	NPCC	ISONE	1e	Non-Controllable Demand-Side Demand Response	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	NPCC	ISONE	2	Total Internal Demand	21,060	22,255	22,365	22,510	22,630	22,750	22,875	23,000	23,120	23,240	23,365
2010	US	WIN	NPCC	ISONE	2H1	Load Forecast Uncertainty (Extreme Demand Factor)	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	NPCC	ISONE	2H	Total Internal Demand	1	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	NPCC	ISONE	2a	Supply-Side Direct Control Load Management	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	NPCC	ISONE	2b	Supply-Side Contractually Interruptible (Curtailable)	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	NPCC	ISONE	2c	Supply-Side Critical Peak-Pricing (CPP) with Control	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	NPCC	ISONE	2d	Supply-Side Load as a Capacity Resource	1,540	1,864	2,421	2,849	3,224	3,224	3,224	3,224	3,224	3,224	3,224
2010	US	WIN	NPCC	ISONE	3	Net Internal Demand	19,520	20,391	19,944	19,661	19,406	19,526	19,651	19,776	19,896	20,016	20,141
2010	US	WIN	NPCC	ISONE	4a	Demand Response used for Ancillary Services - Spinning F	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	NPCC	ISONE	4b	Demand Response used for Ancillary Services - Non-Spinn	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	NPCC	ISONE	4c	Demand Response used for Regulation	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	NPCC	ISONE	4d	Demand Response used for Energy, Voluntary Services - E	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	NPCC	ISONE	5	TOTAL INTERNAL CAPACITY	-	36,946	32,161	32,529	34,089	34,174	34,260	34,346	34,431	34,517	34,603
2010	US	WIN	NPCC	ISONE	6	EXISTING CAPACITY	-	36,946	33,385	33,813	34,189	34,189	34,189	34,189	34,189	34,189	34,189
2010	US	WIN	NPCC	ISONE	6a	Existing, Certain	30,830	30,927	30,927	30,927	30,927	30,927	30,927	30,927	30,927	30,927	30,927
2010	US	WIN	NPCC	ISONE	6a1	Wind Expected On-Peak	54	55	-	-	-	-	-	-	-	-	-
2010	US	WIN	NPCC	ISONE	6a2	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	NPCC	ISONE	6a3	Hydro Expected On-Peak	1,649	1,490	-	-	-	-	-	-	-	-	-
2010	US	WIN	NPCC	ISONE	6a4	Biomass Expected On-Peak	912	911	-	-	-	-	-	-	-	-	-
2010	US	WIN	NPCC	ISONE	6b	Existing, Other (Note: Enter the net expected value only)	-	37	37	37	37	37	37	37	37	37	37
2010	US	WIN	NPCC	ISONE	6b1	Wind Derate On-Peak	48	63	-	-	-	-	-	-	-	-	-
2010	US	WIN	NPCC	ISONE	6b2	Solar Derate On-Peak	-	0	-	-	-	-	-	-	-	-	-
2010	US	WIN	NPCC	ISONE	6b3	Hydro Derate On-Peak	238	402	-	-	-	-	-	-	-	-	-
2010	US	WIN	NPCC	ISONE	6b4	Biomass Derate On-Peak	55	76	-	-	-	-	-	-	-	-	-
2010	US	WIN	NPCC	ISONE	6b5	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	NPCC	ISONE	6b6	All Other Derates	-	3,576	-	-	-	-	-	-	-	-	-
2010	US	WIN	NPCC	ISONE	6b7	Energy Only (Existing-Other)	305	37	-	-	-	-	-	-	-	-	-
2010	US	WIN	NPCC	ISONE	6c	Existing, Inoperable (Note: Capacity reported on this line is	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	NPCC	ISONE	6d	Total Supply-Side Demand Response	1,540	1,864	2,421	2,849	3,224	3,224	3,224	3,224	3,224	3,224	3,224
2010	US	WIN	NPCC	ISONE	7	FUTURE CAPACITY ADDITIONS	-	-	(1,600)	(1,836)	(781)	(781)	(781)	(781)	(781)	(781)	(781)
2010	US	WIN	NPCC	ISONE	7a	Future, Planned (Note: Enter the net expected value only)	-	(1,634)	(1,869)	(814)	(814)	(814)	(814)	(814)	(814)	(814)	
2010	US	WIN	NPCC	ISONE	7a1	Wind Expected On-Peak	-	101	145	178	178	178	178	178	178	178	
2010	US	WIN	NPCC	ISONE	7a2	Wind Derate On-Peak	-	207	290	332	332	332	332	332	332		
2010	US	WIN	NPCC	ISONE	7a3	Solar Expected On-Peak	-	0	0	-	-	-	-	-	-		
2010	US	WIN	NPCC	ISONE	7a4	Solar Derate On-Peak	-	-	3	3	3	3	3	3	3		
2010	US	WIN	NPCC	ISONE	7a5	Hydro Expected On-Peak	-	(10)	(89)	37	37	37	37	37	37		
2010	US	WIN	NPCC	ISONE	7a6	Hydro Derate On-Peak	-	-	0	0	0	0	0	0	0		
2010	US	WIN	NPCC	ISONE	7a7	Biomass Expected On-Peak	-	46	108	121	121	121	121	121	121		
2010	US	WIN	NPCC	ISONE	7a8	Biomass Derate On-Peak	-	38	39	39	39	39	39	39	39		
2010	US	WIN	NPCC	ISONE	7a9	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-		
2010	US	WIN	NPCC	ISONE	7a10	Scheduled Outage - Maintenance	-	-	-	-	-	-	-	-	-		
2010	US	WIN	NPCC	ISONE	7a11	All Other Derates	-	75	162	249	334	420	506	592	677		
2010	US	WIN	NPCC	ISONE	7a12	Energy Only	-	-	-	-	-	-	-	-	-		
2010	US	WIN	NPCC	ISONE	7b	Future, Other (Note: Enter the net expected value only)	-	33	33	33	33	33	33	33	33		
2010	US	WIN	NPCC	ISONE	7b1	Wind Expected On-Peak	-	33	33	33	33	33	33	33	33		
2010	US	WIN	NPCC	ISONE	7b2	Wind Derate On-Peak	-	57	57	57	57	57	57	57	57		
2010	US	WIN	NPCC	ISONE	7b3	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-		
2010	US	WIN	NPCC	ISONE	7b4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-		
2010	US	WIN	NPCC	ISONE	7b5	Hydro Expected On-Peak	-	-	-	-	-	-	-	-	-		
2010	US	WIN	NPCC	ISONE	7b6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-		
2010	US	WIN	NPCC	ISONE	7b7	Biomass Expected On-Peak	-	-	-	-	-	-	-	-	-		
2010	US	WIN	NPCC	ISONE	7b8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-		

NPCC

2010 US	WIN	NPCC	ISONE	7b9	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	ISONE	7b10	Scheduled Outage - Maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	ISONE	7b11	All Other Derates	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	ISONE	7b12	Energy Only	-	-	33	33	33	33	33	33	33	33	33	33	33	33
2010 US	WIN	NPCC	ISONE	8	Conceptual (Note: Enter the net expected value only)	147	506	1,818	4,467	5,207	6,428	6,428	6,428	6,428	6,428	6,428	6,428	6,428	6,428
2010 US	WIN	NPCC	ISONE	8a1	Wind Expected On-Peak	-	-	54	1,181	1,759	1,989	2,525	2,525	2,525	2,525	2,525	2,525	2,525	2,525
2010 US	WIN	NPCC	ISONE	8a2	Wind Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	ISONE	8a3	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	ISONE	8a4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	ISONE	8a5	Hydro Expected On-Peak	7	33	33	33	33	33	33	33	33	33	33	33	33	33
2010 US	WIN	NPCC	ISONE	8a6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	ISONE	8a7	Biomass Expected On-Peak	-	-	53	202	302	302	357	357	357	357	357	357	357	357
2010 US	WIN	NPCC	ISONE	8a8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	ISONE	8a9	All Other Derates	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	ISONE	8a10	Energy Only	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	ISONE	9	ANTICIPATED INTERNAL CAPACITY	32,370	32,791	31,715	31,907	33,338	33,338	33,338	33,338	33,338	33,338	33,338	33,338	33,338	33,338
2010 US	WIN	NPCC	ISONE	10	CAPACITY TRANSACTIONS - IMPORTS	382	505	1,431	1,746	1,381	122	97	97	97	97	97	97	97	97
2010 US	WIN	NPCC	ISONE	10a	Firm (Note: The sum of 10a1 and 10a2 must be = 10a)	382	505	1,431	1,746	1,381	122	97	97	97	97	97	97	97	97
2010 US	WIN	NPCC	ISONE	10a1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	ISONE	10a2	Owned Capacity/Entitlement Located Outside the Region/S	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	ISONE	10b	Non-firm	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	ISONE	10c	Expected (Note: The sum of 10c1 and 10c2 must be = 10c)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	ISONE	10c1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	ISONE	10c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	ISONE	10d	Provisional – transactions under study, but negotiations have not begun	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	ISONE	11	CAPACITY TRANSACTIONS - EXPORTS	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2010 US	WIN	NPCC	ISONE	11a	Firm (Note: The sum of 11a1 and 11a2 must be = 11a)	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2010 US	WIN	NPCC	ISONE	11a1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	ISONE	11a2	Owned Capacity/Entitlement Located Outside the Region/S	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	ISONE	11b	Non-firm	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	ISONE	11c	Expected (Note: The sum of 11c1 and 11c2 must be = 11c)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	ISONE	11c1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	ISONE	11c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	ISONE	11d	Provisional – transactions under study, but negotiations have not begun	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	ISONE	12	EXISTING, CERTAIN CAPACITY & NET FIRM TRANSAC	32,652	33,196	34,679	35,422	35,433	34,174	34,149	34,149	34,149	34,149	34,149	34,149	34,149	34,149
2010 US	WIN	NPCC	ISONE	13	ANTICIPATED CAPACITY RESOURCES	-	33,196	33,046	33,553	34,619	33,360	33,335	33,335	33,335	33,335	33,335	33,335	33,335	33,335
2010 US	WIN	NPCC	ISONE	14	PROSPECTIVE CAPACITY RESOURCES	-	33,233	33,116	33,623	34,689	33,430	33,405	33,405	33,405	33,405	33,405	33,405	33,405	33,405
2010 US	WIN	NPCC	ISONE	15	TOTAL POTENTIAL CAPACITY RESOURCES	-	33,380	33,622	35,441	39,156	38,637	39,833	39,833	39,833	39,833	39,833	39,833	39,833	39,833
2010 US	WIN	NPCC	ISONE	15a	ADJUSTED POTENTIAL CAPACITY RESOURCES	-	33,233	33,116	33,623	34,689	33,430	33,405	33,405	33,405	33,405	33,405	33,405	33,405	33,405
2010 US	WIN	NPCC	ISONE	16a	Confidence of Future, Other (7b), using reasonable judgement	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	ISONE	16b	Net Future, Other Resources After Confidence Percentage Is Applied	-	-	33	33	33	33	33	33	33	33	33	33	33	33
2010 US	WIN	NPCC	ISONE	16c	Confidence of Conceptual (8), using reasonable judgement	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	ISONE	16d	Net Conceptual Resources After Confidence Percentage Is Applied	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	1	Unrestricted Non-coincident Peak Demand	24,652	24,945	25,390	25,727	25,995	26,223	26,461	26,646	26,857	27,073	27,330	27,630	27,930	28,230
2010 US	WIN	NPCC	NYISO	1a	New Conservation (Energy Efficiency)	-	412	709	997	1,268	1,506	1,732	1,920	2,057	2,151	2,247	2,343	2,439	2,535
2010 US	WIN	NPCC	NYISO	1b	Estimated Diversity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	1c	Additions for non-member load (load served by non-registered LSE's in	-	-	12	31	83	111	179	288	432	578	724	870	1,016	
2010 US	WIN	NPCC	NYISO	1d	Stand-by Load Under Contract (Normally served by behind the meter ge	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	NPCC	NYISO	1e	Non-Controllable Demand-Side Demand Response	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	NPCC	NYISO	2	Total Internal Demand	24,652	24,533	24,693	24,761	24,810	24,828	24,908	25,014	25,232	25,500	25,909	26,318	26,727	27,136
2010 US	WIN	NPCC	NYISO	2H1	Load Forecast Uncertainty (Extreme Demand Factor)	-	1	1	1	1	1	1	1	1	1	1	1	1	
2010 US	WIN	NPCC	NYISO	2H	Total Internal Demand	25,760	25,760	25,928	25,999	26,051	26,069	26,153	26,265	26,494	26,775	27,204	27,633	28,062	
2010 US	WIN	NPCC	NYISO	2a	Supply-Side Direct Control Load Management	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	NPCC	NYISO	2b	Supply-Side Contractually Interruptible (Curtailable)	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	NPCC	NYISO	2c	Supply-Side Critical Peak-Pricing (CPP) with Control	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	NPCC	NYISO	2d	Supply-Side Load as a Capacity Resource	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	NPCC	NYISO	3	Net Internal Demand	24,652	24,533	24,693	24,761	24,810	24,828	24,908	25,014	25,232	25,500	25,909	26,318	26,727	
2010 US	WIN	NPCC	NYISO	4a	Demand Response used for Ancillary Services - Spinning F	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	NPCC	NYISO	4b	Demand Response used for Ancillary Services - Non-Spinn	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	NPCC	NYISO	4c	Demand Response used for Regulation	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	NPCC	NYISO	4d	Demand Response used for Energy, Voluntary Services - E	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	NPCC	NYISO	5	TOTAL INTERNAL CAPACITY	41,082	42,016	43,755	45,005	45,064	46,179	46,179	46,179	46,179	46,179	46,179	46,179	46,179	46,179
2010 US	WIN	NPCC	NYISO	6	EXISTING CAPACITY	41,082	41,325	41,325	41,325	41,325	41,325	41,325	41,325	41,325	41,325	41,325	41,325	41,325	41,325
2010 US	WIN	NPCC	NYISO	6a	Existing, Certain	39,445	39,959	39,959	39,959	39,959	39,959	39,959	39,959	39,959	39,959	39,959	39,959	39,959	39,959
2010 US	WIN	NPCC	NYISO	6a1	Wind Expected On-Peak	133	393	393	393	393	393	393	393	393	393	393	393	393	393
2010 US	WIN	NPCC	NYISO	6a2	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	NPCC	NYISO	6a3	Hydro Expected On-Peak	3,199	3,834	3,834	3,834	3,834	3,834	3,834	3,834	3,834	3,834	3,834	3,834	3,834	3,834

NPCC

2010 US	WIN	NPCC	NYISO	6a4	Biomass Expected On-Peak	416	366	366	366	366	366	366	366	366	366	366
2010 US	WIN	NPCC	NYISO	6b	Existing, Other (Note: Enter the net expected value only)	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	6b1	Wind Derate On-Peak	1,199	918	918	918	918	918	918	918	918	918	918
2010 US	WIN	NPCC	NYISO	6b2	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	6b3	Hydro Derate On-Peak	430	440	440	440	440	440	440	440	440	440	440
2010 US	WIN	NPCC	NYISO	6b4	Biomass Derate On-Peak	8	8	8	8	8	8	8	8	8	8	8
2010 US	WIN	NPCC	NYISO	6b5	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	6b6	All Other Derates	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	6b7	Energy Only (Existing-Other)	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	6c	Existing, Inoperable (Note: Capacity reported on this line is	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	6d	Total Supply-Side Demand Response	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	7	FUTURE CAPACITY ADDITIONS	7	648	2,208	3,355	3,409	4,524	4,524	4,524	4,524	4,524	4,524
2010 US	WIN	NPCC	NYISO	7a	Future, Planned (Note: Enter the net expected value only)	648	2,208	3,355	3,409	4,524	4,524	4,524	4,524	4,524	4,524	4,524
2010 US	WIN	NPCC	NYISO	7a1	Wind Expected On-Peak	17	94	138	140	140	140	140	140	140	140	140
2010 US	WIN	NPCC	NYISO	7a2	Wind Derate On-Peak	40	218	322	327	327	327	327	327	327	327	327
2010 US	WIN	NPCC	NYISO	7a3	Solar Expected On-Peak	3	3	3	3	3	3	3	3	3	3	3
2010 US	WIN	NPCC	NYISO	7a4	Solar Derate On-Peak	2	2	2	2	2	2	2	2	2	2	2
2010 US	WIN	NPCC	NYISO	7a5	Hydro Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	7a6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	7a7	Biomass Expected On-Peak	11	18	41	41	41	41	41	41	41	41	41
2010 US	WIN	NPCC	NYISO	7a8	Biomass Derate On-Peak	1	2	2	2	2	2	2	2	2	2	2
2010 US	WIN	NPCC	NYISO	7a9	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	7a10	Scheduled Outage - Maintenance	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	7a11	All Other Derates	-	0	0	0	0	0	0	0	0	0	0
2010 US	WIN	NPCC	NYISO	7a12	Energy Only	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	7b	Future, Other (Note: Enter the net expected value only)	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	7b1	Wind Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	7b2	Wind Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	7b3	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	7b4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	7b5	Hydro Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	7b6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	7b7	Biomass Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	7b8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	7b9	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	7b10	Scheduled Outage - Maintenance	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	7b11	All Other Derates	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	7b12	Energy Only	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	8	Conceptual (Note: Enter the net expected value only)	74	1,203	2,146	2,692	2,950	3,391	3,571	3,571	3,571	3,571	3,571
2010 US	WIN	NPCC	NYISO	8a1	Wind Expected On-Peak	74	103	471	573	831	1,272	1,452	1,452	1,452	1,452	1,452
2010 US	WIN	NPCC	NYISO	8a2	Wind Derate On-Peak	172	241	1,100	1,337	1,939	2,968	3,388	3,388	3,388	3,388	3,388
2010 US	WIN	NPCC	NYISO	8a3	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	8a4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	8a5	Hydro Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	8a6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	8a7	Biomass Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	8a8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	8a9	All Other Derates	-	-	-	(0)	(0)	0	0	0	0	0	0
2010 US	WIN	NPCC	NYISO	8a10	Energy Only	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	9	ANTICIPATED INTERNAL CAPACITY	39,445	40,607	42,167	43,313	43,368	44,483	44,483	44,483	44,483	44,483	44,483
2010 US	WIN	NPCC	NYISO	10	CAPACITY TRANSACTIONS - IMPORTS	-	3,006	3,145	3,138	3,088	3,088	3,088	3,088	3,088	3,088	3,088
2010 US	WIN	NPCC	NYISO	10a	Firm (Note: The sum of 10a1 and 10a2 must be = 10a)	-	965	1,104	1,097	1,047	1,047	1,047	1,047	1,047	1,047	1,047
2010 US	WIN	NPCC	NYISO	10a1	Full-Responsibility Purchases	-	965	1,104	1,097	1,047	1,047	1,047	1,047	1,047	1,047	1,047
2010 US	WIN	NPCC	NYISO	10a2	Owned Capacity/Entitlement Located Outside the Region/S	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	10b	Non-firm	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	10c	Expected (Note: The sum of 10c1 and 10c2 must be = 10c)	2,041	2,041	2,041	2,041	2,041	2,041	2,041	2,041	2,041	2,041	2,041
2010 US	WIN	NPCC	NYISO	10c1	Full-Responsibility Purchases	2,041	2,041	2,041	2,041	2,041	2,041	2,041	2,041	2,041	2,041	2,041
2010 US	WIN	NPCC	NYISO	10c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	10d	Provisional - transactions under study, but negotiations have not begun	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	11	CAPACITY TRANSACTIONS - EXPORTS	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	11a	Firm (Note: The sum of 11a1 and 11a2 must be = 11a)	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	11a1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	11a2	Owned Capacity/Entitlement Located Outside the Region/S	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	11b	Non-firm	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	11c	Expected (Note: The sum of 11c1 and 11c2 must be = 11c)	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	11c1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	11c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	-	-	-	-	-	-	-	-	-	-	-

NPCC

2010 US	WIN	NPCC	NYISO	11d	Provisional – transactions under study, but negotiations have not begun	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	12	EXISTING, CERTAIN CAPACITY & NET FIRM TRANSAC ⁷	39,445	40,924	41,063	41,056	41,006	41,006	41,006	41,006	41,006	41,006
2010 US	WIN	NPCC	NYISO	13	ANTICIPATED CAPACITY RESOURCES		43,614	45,312	46,451	46,456	47,571	47,571	47,571	47,571	47,571
2010 US	WIN	NPCC	NYISO	14	PROSPECTIVE CAPACITY RESOURCES		43,614	45,312	46,451	46,456	47,571	47,571	47,571	47,571	47,571
2010 US	WIN	NPCC	NYISO	15	TOTAL POTENTIAL CAPACITY RESOURCES		43,687	46,516	48,598	49,148	50,521	50,962	51,142	51,142	51,142
2010 US	WIN	NPCC	NYISO	15a	ADJUSTED POTENTIAL CAPACITY RESOURCES		43,621	45,432	46,666	46,725	47,866	47,910	47,928	47,928	47,928
2010 US	WIN	NPCC	NYISO	16a	Confidence of Future, Other (7b), using reasonable judgement		0	0	0	0	0	0	0	0	0
2010 US	WIN	NPCC	NYISO	16b	Net Future, Other Resources After Confidence Percentage Is Applied		-	-	-	-	-	-	-	-	-
2010 US	WIN	NPCC	NYISO	16c	Confidence of Conceptual (8), using reasonable judgement		0	0	0	0	0	0	0	0	0
2010 US	WIN	NPCC	NYISO	16d	Net Conceptual Resources After Confidence Percentage Is Applied		7	120	215	269	295	339	357	357	357

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Table 5B.3. MAPP Winter Historical and Projected Demand and Capacity, Data Year 2010 (Megawatts)

Data Year	Country	Season	Area	Subregion	Line#	DESCRIPTION	Actual	Projected									
							2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
2010	US	WIN	MAPP	MAPP	1	Unrestricted Non-coincident Peak Demand	5,069	5,118	5,066	5,316	5,368	5,459	5,552	5,636	5,732	5,819	5,911
2010	US	WIN	MAPP	MAPP	1a	New Conservation (Energy Efficiency)	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	1b	Estimated Diversity	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	1c	Additions for non-member load (load served by non-registered LSE's in	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	1d	Stand-by Load Under Contract (Normally served by behind the meter ge	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	1e	Non-Controllable Demand-Side Demand Response	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	2	Total Internal Demand	5,069	5,118	5,066	5,316	5,368	5,459	5,552	5,636	5,732	5,819	5,911
2010	US	WIN	MAPP	MAPP	2H1	Load Forecast Uncertainty (Extreme Demand Factor)	-	1	1	1	1	1	1	1	1	1	1
2010	US	WIN	MAPP	MAPP	2H	Total Internal Demand	1	5,374	5,319	5,582	5,637	5,732	5,830	5,918	6,018	6,110	6,207
2010	US	WIN	MAPP	MAPP	2a	Supply-Side Direct Control Load Management	181	355	360	365	370	375	380	385	390	395	400
2010	US	WIN	MAPP	MAPP	2b	Supply-Side Contractually Interruptible (Curtaillable)	12	17	19	22	22	22	21	21	21	21	21
2010	US	WIN	MAPP	MAPP	2c	Supply-Side Critical Peak-Pricing (CPP) with Control	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	2d	Supply-Side Load as a Capacity Resource	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	3	Net Internal Demand	4,877	4,746	4,686	4,929	4,977	5,062	5,150	5,229	5,320	5,403	5,490
2010	US	WIN	MAPP	MAPP	4a	Demand Response used for Ancillary Services - Spinning F	50	50	50	50	50	50	50	50	50	50	50
2010	US	WIN	MAPP	MAPP	4b	Demand Response used for Ancillary Services - Non-Spinn	50	50	50	50	50	50	50	50	50	50	50
2010	US	WIN	MAPP	MAPP	4c	Demand Response used for Regulation	100	100	100	100	100	100	100	100	100	100	100
2010	US	WIN	MAPP	MAPP	4d	Demand Response used for Energy, Voluntary Services - E	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	5	TOTAL INTERNAL CAPACITY	-	8,620	8,627	8,635	8,639	8,644	8,649	8,654	8,659	8,664	8,669
2010	US	WIN	MAPP	MAPP	6	EXISTING CAPACITY	-	8,530	8,537	8,545	8,549	8,554	8,559	8,564	8,569	8,574	8,579
2010	US	WIN	MAPP	MAPP	6a	Existing, Certain	6,877	7,378	7,378	7,378	7,378	7,378	7,378	7,378	7,378	7,378	7,378
2010	US	WIN	MAPP	MAPP	6a1	Wind Expected On-Peak	327	350	350	350	350	350	350	350	350	350	350
2010	US	WIN	MAPP	MAPP	6a2	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	6a3	Hydro Expected On-Peak	1,877	2,346	2,346	2,346	2,346	2,346	2,346	2,346	2,346	2,346	2,346
2010	US	WIN	MAPP	MAPP	6a4	Biomass Expected On-Peak	3	3	3	3	3	3	3	3	3	3	3
2010	US	WIN	MAPP	MAPP	6b	Existing, Other (Note: Enter the net expected value only)	568	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	6b1	Wind Derate On-Peak	572	457	457	457	457	457	457	457	457	457	457
2010	US	WIN	MAPP	MAPP	6b2	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	6b3	Hydro Derate On-Peak	-	275	275	275	275	275	275	275	275	275	275
2010	US	WIN	MAPP	MAPP	6b4	Biomass Derate On-Peak	0	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	6b5	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	6b6	All Other Derates	-	47	47	47	47	47	47	47	47	47	47
2010	US	WIN	MAPP	MAPP	6b7	Energy Only (Existing-Other)	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	6c	Existing, Inoperable (Note: Capacity reported on this line is	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	6d	Total Supply-Side Demand Response	192	372	380	387	392	397	402	407	411	416	421
2010	US	WIN	MAPP	MAPP	7	FUTURE CAPACITY ADDITIONS	-	90	90	90	90	90	90	90	90	90	90
2010	US	WIN	MAPP	MAPP	7a	Future, Planned (Note: Enter the net expected value only)	-	90	90	90	90	90	90	90	90	90	90
2010	US	WIN	MAPP	MAPP	7a1	Wind Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	7a2	Wind Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	7a3	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	7a4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	7a5	Hydro Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	7a6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	7a7	Biomass Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	7a8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	7a9	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	7a10	Scheduled Outage - Maintenance	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	7a11	All Other Derates	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	7a12	Energy Only	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	7b	Future, Other (Note: Enter the net expected value only)	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	7b1	Wind Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	7b2	Wind Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	7b3	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	7b4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	7b5	Hydro Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	7b6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	7b7	Biomass Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	MAPP	MAPP	7b8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-

MAPP

2010 US	WIN	MAPP	MAPP	7b9	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MAPP	MAPP	7b10	Scheduled Outage - Maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MAPP	MAPP	7b11	All Other Derates	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MAPP	MAPP	7b12	Energy Only	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MAPP	MAPP	8	Conceptual (Note: Enter the net expected value only)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MAPP	MAPP	8a1	Wind Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MAPP	MAPP	8a2	Wind Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MAPP	MAPP	8a3	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MAPP	MAPP	8a4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MAPP	MAPP	8a5	Hydro Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MAPP	MAPP	8a6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MAPP	MAPP	8a7	Biomass Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MAPP	MAPP	8a8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MAPP	MAPP	8a9	All Other Derates	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MAPP	MAPP	8a10	Energy Only	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MAPP	MAPP	9	ANTICIPATED INTERNAL CAPACITY	7,069	7,840	7,848	7,855	7,860	7,865	7,870	7,874	7,879	7,884	7,889			
2010 US	WIN	MAPP	MAPP	10	CAPACITY TRANSACTIONS - IMPORTS	174	230	180	190	190	160	160	160	160	160	160			
2010 US	WIN	MAPP	MAPP	10a	Firm (Note: The sum of 10a1 and 10a2 must be = 10a)	174	224	174	184	184	154	154	154	154	154	154			
2010 US	WIN	MAPP	MAPP	10a1	Full-Responsibility Purchases	119	119	69	69	69	39	39	39	39	39	39			
2010 US	WIN	MAPP	MAPP	10a2	Owned Capacity/Entitlement Located Outside the Region/S	33	83	83	83	83	83	83	83	83	83	83			
2010 US	WIN	MAPP	MAPP	10b	Non-firm	-	-	-	-	-	-	-	-	-	-	-			
2010 US	WIN	MAPP	MAPP	10c	Expected (Note: The sum of 10c1 and 10c2 must be = 10c)	-	6	6	6	6	6	6	6	6	6	6			
2010 US	WIN	MAPP	MAPP	10c1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	-			
2010 US	WIN	MAPP	MAPP	10c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	6	6	6	6	6	6	6	6	6	6	6			
2010 US	WIN	MAPP	MAPP	10d	Provisional – transactions under study, but negotiations have not begun	-	-	-	-	-	-	-	-	-	-	-			
2010 US	WIN	MAPP	MAPP	11	CAPACITY TRANSACTIONS - EXPORTS	339	620	610	540	540	540	475	475	475	475	475			
2010 US	WIN	MAPP	MAPP	11a	Firm (Note: The sum of 11a1 and 11a2 must be = 11a)	110	620	610	540	540	540	475	475	475	475	475			
2010 US	WIN	MAPP	MAPP	11a1	Full-Responsibility Purchases	50	550	550	500	500	500	475	475	475	475	475			
2010 US	WIN	MAPP	MAPP	11a2	Owned Capacity/Entitlement Located Outside the Region/S	-	-	-	-	-	-	-	-	-	-	-			
2010 US	WIN	MAPP	MAPP	11b	Non-firm	229	-	-	-	-	-	-	-	-	-	-			
2010 US	WIN	MAPP	MAPP	11c	Expected (Note: The sum of 11c1 and 11c2 must be = 11c)	-	-	-	-	-	-	-	-	-	-	-			
2010 US	WIN	MAPP	MAPP	11c1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	-			
2010 US	WIN	MAPP	MAPP	11c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	-	-	-	-	-	-	-	-	-	-	-			
2010 US	WIN	MAPP	MAPP	11d	Provisional – transactions under study, but negotiations have not begun	-	-	-	-	-	-	-	-	-	-	-			
2010 US	WIN	MAPP	MAPP	12	EXISTING, CERTAIN CAPACITY & NET FIRM TRANSAC	7,133	7,354	7,321	7,409	7,413	7,388	7,458	7,463	7,468	7,473	7,478			
2010 US	WIN	MAPP	MAPP	13	ANTICIPATED CAPACITY RESOURCES	-	7,450	7,417	7,505	7,509	7,484	7,554	7,559	7,564	7,569	7,574			
2010 US	WIN	MAPP	MAPP	14	PROSPECTIVE CAPACITY RESOURCES	-	7,450	7,417	7,505	7,509	7,484	7,554	7,559	7,564	7,569	7,574			
2010 US	WIN	MAPP	MAPP	15	TOTAL POTENTIAL CAPACITY RESOURCES	-	7,450	7,417	7,505	7,509	7,484	7,554	7,559	7,564	7,569	7,574			
2010 US	WIN	MAPP	MAPP	15a	ADJUSTED POTENTIAL CAPACITY RESOURCES	-	7,450	7,417	7,505	7,509	7,484	7,554	7,559	7,564	7,569	7,574			
2010 US	WIN	MAPP	MAPP	16a	Confidence of Future, Other (7b), using reasonable judgement	-	-	-	-	-	-	-	-	-	-	-			
2010 US	WIN	MAPP	MAPP	16b	Net Future, Other Resources After Confidence Percentage Is Applied	-	-	-	-	-	-	-	-	-	-	-			
2010 US	WIN	MAPP	MAPP	16c	Confidence of Conceptual (8), using reasonable judgement	-	-	-	-	-	-	-	-	-	-	-			
2010 US	WIN	MAPP	MAPP	16d	Net Conceptual Resources After Confidence Percentage Is Applied	-	-	-	-	-	-	-	-	-	-	-			

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Table 5B.6. SERC Winter Historical and Projected Demand and Capacity, Data Year 2010 (Megawatts)

Data Year	Country	Season	Area	Subarea	Line#	DESCRIPTION	Actual		Projected								
							2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
2010	US	WIN	SERC	E	1	Unrestricted Non-coincident Peak Demand	41,646	42,403	42,761	43,475	44,020	44,638	45,195	45,750	46,331	46,974	47,717
2010	US	WIN	SERC	E	1a	New Conservation (Energy Efficiency)	-	434	502	581	656	735	799	868	943	1,021	1,099
2010	US	WIN	SERC	E	1b	Estimated Diversity	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	1c	Additions for non-member load (load served by non-registered LSE's in	-	229	230	233	235	239	243	249	253	257	263
2010	US	WIN	SERC	E	1d	Stand-by Load Under Contract (Normally served by behind the meter ge	-	100	100	100	100	100	100	100	100	100	100
2010	US	WIN	SERC	E	1e	Non-Controllable Demand-Side Demand Response	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	2	Total Internal Demand	41,646	42,298	42,589	43,227	43,699	44,242	44,739	45,231	45,741	46,310	46,981
2010	US	WIN	SERC	E	2H1	Load Forecast Uncertainty (Extreme Demand Factor)	-	1	1	1	1	1	1	1	1	1	1
2010	US	WIN	SERC	E	2H	Total Internal Demand	1	44,836	45,144	45,821	46,321	46,897	47,423	47,945	48,485	49,089	49,800
2010	US	WIN	SERC	E	2a	Supply-Side Direct Control Load Management	227	377	393	405	419	426	434	443	450	458	465
2010	US	WIN	SERC	E	2b	Supply-Side Contractually Interruptible (Curtailable)	501	814	974	974	974	974	974	974	974	974	974
2010	US	WIN	SERC	E	2c	Supply-Side Critical Peak-Pricing (CPP) with Control	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	2d	Supply-Side Load as a Capacity Resource	89	89	89	89	89	89	89	89	89	89	89
2010	US	WIN	SERC	E	3	Net Internal Demand	40,829	41,018	41,133	41,759	42,217	42,753	43,242	43,725	44,228	44,789	45,453
2010	US	WIN	SERC	E	4a	Demand Response used for Ancillary Services - Spinning F	601	601	601	601	601	601	601	601	601	601	601
2010	US	WIN	SERC	E	4b	Demand Response used for Ancillary Services - Non-Spinn	237	237	237	237	237	237	237	237	237	237	
2010	US	WIN	SERC	E	4c	Demand Response used for Regulation	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	SERC	E	4d	Demand Response used for Energy, Voluntary Services - E	265	535	581	608	608	608	608	608	608	608	608
2010	US	WIN	SERC	E	5	TOTAL INTERNAL CAPACITY	53,372	54,677	57,058	57,206	56,525	55,834	56,869	56,878	56,885	57,800	57,806
2010	US	WIN	SERC	E	6	EXISTING CAPACITY	53,372	53,857	54,156	54,178	54,192	54,227	54,145	54,154	54,161	53,958	53,965
2010	US	WIN	SERC	E	6a	Existing, Certain	52,440	52,464	52,587	52,597	52,597	52,625	52,535	52,535	52,535	52,324	52,324
2010	US	WIN	SERC	E	6a1	Wind Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	6a2	Solar Expected On-Peak	16	16	16	16	16	16	16	16	16	16	16
2010	US	WIN	SERC	E	6a3	Hydro Expected On-Peak	3,016	3,018	3,018	3,018	3,018	3,018	3,018	3,018	3,018	3,018	3,018
2010	US	WIN	SERC	E	6a4	Biomass Expected On-Peak	21	21	21	21	21	21	21	21	21	21	21
2010	US	WIN	SERC	E	6b	Existing, Other (Note: Enter the net expected value only)	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	6b1	Wind Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	6b2	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	6b3	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	6b4	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	6b5	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	6b6	All Other Derates	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	6b7	Energy Only (Existing-Other)	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	6c	Existing, Inoperable (Note: Capacity reported on this line is	115	113	113	113	113	113	113	113	113	113	113
2010	US	WIN	SERC	E	6d	Total Supply-Side Demand Response	817	1,280	1,456	1,468	1,482	1,489	1,497	1,506	1,513	1,521	1,528
2010	US	WIN	SERC	E	7	FUTURE CAPACITY ADDITIONS	-	820	2,902	3,029	2,334	1,608	2,725	2,725	2,725	3,842	3,842
2010	US	WIN	SERC	E	7a	Future, Planned (Note: Enter the net expected value only)	-	820	2,902	3,029	2,334	1,608	2,725	2,725	2,725	3,842	3,842
2010	US	WIN	SERC	E	7a1	Wind Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	7a2	Wind Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	7a3	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	7a4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	7a5	Hydro Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	7a6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	7a7	Biomass Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	7a8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	7a9	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	7a10	Scheduled Outage - Maintenance	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	7a11	All Other Derates	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	7a12	Energy Only	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	7b	Future, Other (Note: Enter the net expected value only)	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	7b1	Wind Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	7b2	Wind Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	7b3	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	7b4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	7b5	Hydro Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	7b6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	7b7	Biomass Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SERC	E	7b8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-

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2010 US	WIN	SERC	E	7b9	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2010 US	WIN	SERC	E	7b10	Scheduled Outage - Maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2010 US	WIN	SERC	E	7b11	All Other Derates	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2010 US	WIN	SERC	E	7b12	Energy Only	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2010 US	WIN	SERC	E	8	Conceptual (Note: Enter the net expected value only)	-	-	20	20	20	167	167	770	971	971	971	971	971	971	971	971		
2010 US	WIN	SERC	E	8a1	Wind Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2010 US	WIN	SERC	E	8a2	Wind Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2010 US	WIN	SERC	E	8a3	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2010 US	WIN	SERC	E	8a4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2010 US	WIN	SERC	E	8a5	Hydro Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2010 US	WIN	SERC	E	8a6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2010 US	WIN	SERC	E	8a7	Biomass Expected On-Peak	-	-	20	20	20	20	20	20	20	20	20	20	20	20	20	20		
2010 US	WIN	SERC	E	8a8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2010 US	WIN	SERC	E	8a9	All Other Derates	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2010 US	WIN	SERC	E	8a10	Energy Only	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2010 US	WIN	SERC	E	9	ANTICIPATED INTERNAL CAPACITY	53,257	54,564	56,945	57,093	56,412	55,721	56,756	56,765	56,772	57,687	57,693	57,693	57,693	57,693	57,693	57,693	57,693	
2010 US	WIN	SERC	E	10	CAPACITY TRANSACTIONS - IMPORTS	1,426	1,582	1,472	1,386	1,358	1,330	1,333	1,335	1,435	1,441	1,305	1,305	1,305	1,305	1,305	1,305	1,305	
2010 US	WIN	SERC	E	10a	Firm (Note: The sum of 10a1 and 10a2 must be = 10a)	1,426	1,582	1,472	1,386	1,358	1,330	1,333	1,335	1,435	1,441	1,305	1,305	1,305	1,305	1,305	1,305	1,305	
2010 US	WIN	SERC	E	10a1	Full-Responsibility Purchases	119	130	138	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	E	10a2	Owned Capacity/Entitlement Located Outside the Region/S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	E	10b	Non-firm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	E	10c	Expected (Note: The sum of 10c1 and 10c2 must be = 10c	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	E	10c1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	E	10c2	Owned Capacity/Entitlement Located Outside the Region/S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	E	10d	Provisional – transactions under study, but negotiations hav	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	E	11	CAPACITY TRANSACTIONS - EXPORTS	50	150	100	100	150	150	150	150	150	150	150	150	150	150	150	150	150	
2010 US	WIN	SERC	E	11a	Firm (Note: The sum of 11a1 and 11a2 must be = 11a)	-	100	100	100	150	150	150	150	150	150	150	150	150	150	150	150	150	
2010 US	WIN	SERC	E	11a1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	E	11a2	Owned Capacity/Entitlement Located Outside the Region/S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	E	11b	Non-firm	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	E	11c	Expected (Note: The sum of 11c1 and 11c2 must be = 11c	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	E	11c1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	E	11c2	Owned Capacity/Entitlement Located Outside the Region/S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	E	11d	Provisional – transactions under study, but negotiations hav	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	E	12	EXISTING, CERTAIN CAPACITY & NET FIRM TRANSAC	54,683	55,226	55,415	55,351	55,287	55,294	55,215	55,226	55,333	55,136	55,007	55,007	55,007	55,007	55,007	55,007	55,007	
2010 US	WIN	SERC	E	13	ANTICIPATED CAPACITY RESOURCES	56,046	58,317	58,379	57,620	56,901	57,939	57,950	58,057	58,978	58,848	58,848	58,848	58,848	58,848	58,848	58,848	58,848	
2010 US	WIN	SERC	E	14	PROSPECTIVE CAPACITY RESOURCES	56,046	58,317	58,379	57,620	56,901	57,939	57,950	58,057	58,978	58,848	58,848	58,848	58,848	58,848	58,848	58,848	58,848	58,848
2010 US	WIN	SERC	E	15	TOTAL POTENTIAL CAPACITY RESOURCES	56,046	58,337	58,399	57,640	57,068	58,106	58,720	59,028	59,949	59,819	59,819	59,819	59,819	59,819	59,819	59,819	59,819	59,819
2010 US	WIN	SERC	E	15a	ADJUSTED POTENTIAL CAPACITY RESOURCES	56,046	58,317	58,379	57,620	56,901	57,939	57,950	58,057	58,978	58,848	58,848	58,848	58,848	58,848	58,848	58,848	58,848	58,848
2010 US	WIN	SERC	E	16a	Confidence of Future, Other (7b), using reasonable judgement	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	E	16b	Net Future, Other Resources After Confidence Percentage Is Applied	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	E	16c	Confidence of Conceptual (8), using reasonable judgement	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	E	16d	Net Conceptual Resources After Confidence Percentage Is Applied	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	N	1	Unrestricted Non-coincident Peak Demand	46,716	47,692	47,607	47,625	46,767	47,206	47,331	47,513	48,201	48,979	49,599	49,599	49,599	49,599	49,599	49,599	49,599	49,599
2010 US	WIN	SERC	N	1a	New Conservation (Energy Efficiency)	-	86	93	116	155	182	207	229	244	252	252	252	252	252	252	252	252	
2010 US	WIN	SERC	N	1b	Estimated Diversity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	N	1c	Additions for non-member load (load served by non-registe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	N	1d	Stand-by Load Under Contract (Normally served by behind	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	N	1e	Non-Controllable Demand-Side Demand Response	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	N	2	Total Internal Demand	46,716	47,606	47,514	47,509	46,612	47,024	47,124	47,284	47,957	48,727	49,347	49,347	49,347	49,347	49,347	49,347	49,347	49,347
2010 US	WIN	SERC	N	2H1	Load Forecast Uncertainty (Extreme Demand Factor)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
2010 US	WIN	SERC	N	2H	Total Internal Demand	1	50,462	50,365	50,360	49,409	49,845	49,951	50,121	50,834	51,651	52,308	52,308	52,308	52,308	52,308	52,308	52,308	52,308
2010 US	WIN	SERC	N	2a	Supply-Side Direct Control Load Management	5	3	4	5	6	9	12	15	15	15	15	15	15	15	15	15	15	
2010 US	WIN	SERC	N	2b	Supply-Side Contractually Interruptible (Curtailable)	930	1,066	1,068	1,072	1,048	1,050	1,050	1,051	1,050	1,051	1,051	1,051	1,051	1,051	1,051	1,051	1,051	1,051
2010 US	WIN	SERC	N	2c	Supply-Side Critical Peak-Pricing (CPP) with Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	2d	Supply-Side Load as a Capacity Resource	229	383	501	729	1,201	1,305	1,410	1,404	1,376	1,499	1,659	1,659	1,659	1,659	1,659	1,659	1,659	1,659
2010 US	WIN	SERC	N	3	Net Internal Demand	45,552	46,154	45,941	45,703	44,357	44,660	44,652	44,814	45,516	46,162	46,622	46,622	46,622	46,622	46,622	46,622	46,622	46,622
2010 US	WIN	SERC	N	4a	Demand Response used for Ancillary Services - Spinning F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	N	4b	Demand Response used for Ancillary Services - Non-Spinn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	4c	Demand Response used for Regulation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	4d	Demand Response used for Energy, Voluntary Services - E	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2010 US	WIN	SERC	N	5	TOTAL INTERNAL CAPACITY	59,403	60,555	64,006	64,022	64,254	63,469	63,577	62,999	64,230	64,352	64,514	64,514	64,514	64,514	64,514	64,514	64,514	64,514
2010 US	WIN	SERC	N	6	EXISTING CAPACITY	59,403	60,555	62,243	62,485	62,943	63,062	63,170	63,168	63,139	63,261	63,423	63,423	63,423	63,423	63,423	63,423	63,423	63,423
2010 US	WIN	SERC	N	6a	Existing, Certain	56,961	57,599	58,737	58,746	58,755	58,765	58,765	58,765	58,765	58,765	58,765	58,765	58,765	58,765	58,765	58,765	58,765	58,765
2010 US	WIN	SERC	N	6a1	Wind Expected On-Peak	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152
2010 US	WIN	SERC	N	6a2	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	6a3	Hydro Expected On-Peak	4,719	4,729	4,774	4,788	4,797	4,807	4,807	4,807	4,807	4,807	4,807	4,807	4,807	4,807	4,807	4,807	4,807	4,807

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2010 US	WIN	SERC	N	6a4	Biomass Expected On-Peak	17	17	17	17	17	17	17	17	17	17
2010 US	WIN	SERC	N	6b	Existing, Other (Note: Enter the net expected value only)	567	567	567	567	567	923	923	923	923	923
2010 US	WIN	SERC	N	6b1	Wind Derate On-Peak	132	132	132	132	132	132	132	132	132	132
2010 US	WIN	SERC	N	6b2	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	6b3	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	6b4	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	6b5	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	6b6	All Other Derates	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	6b7	Energy Only (Existing-Other)	567	567	567	567	567	567	567	567	567	567
2010 US	WIN	SERC	N	6c	Existing, Inoperable (Note: Capacity reported on this line is	579	805	1,234	1,234	1,234	878	878	878	878	878
2010 US	WIN	SERC	N	6d	Total Supply-Side Demand Response	1,164	1,452	1,573	1,806	2,255	2,364	2,472	2,470	2,441	2,565
2010 US	WIN	SERC	N	7	FUTURE CAPACITY ADDITIONS	-	-	1,763	1,537	1,311	407	407	(169)	1,091	1,091
2010 US	WIN	SERC	N	7a	Future, Planned (Note: Enter the net expected value only)	-	-	1,763	1,537	1,311	407	407	(169)	1,091	1,091
2010 US	WIN	SERC	N	7a1	Wind Expected On-Peak	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	7a2	Wind Derate On-Peak	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	7a3	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	7a4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	7a5	Hydro Expected On-Peak	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	7a6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	7a7	Biomass Expected On-Peak	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	7a8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	7a9	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	7a10	Scheduled Outage - Maintenance	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	7a11	All Other Derates	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	7a12	Energy Only	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	7b	Future, Other (Note: Enter the net expected value only)	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	7b1	Wind Expected On-Peak	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	7b2	Wind Derate On-Peak	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	7b3	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	7b4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	7b5	Hydro Expected On-Peak	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	7b6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	7b7	Biomass Expected On-Peak	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	7b8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	7b9	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	7b10	Scheduled Outage - Maintenance	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	7b11	All Other Derates	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	7b12	Energy Only	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	8	Conceptual (Note: Enter the net expected value only)	-	-	-	-	-	-	268	268	958	958
2010 US	WIN	SERC	N	8a1	Wind Expected On-Peak	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	8a2	Wind Derate On-Peak	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	8a3	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	8a4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	8a5	Hydro Expected On-Peak	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	8a6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	8a7	Biomass Expected On-Peak	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	8a8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	8a9	All Other Derates	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	8a10	Energy Only	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	9	ANTICIPATED INTERNAL CAPACITY	58,125	59,051	62,073	62,089	62,321	61,536	61,644	61,066	62,297	62,419
2010 US	WIN	SERC	N	10	CAPACITY TRANSACTIONS - IMPORTS	2,004	2,855	2,287	2,287	2,325	2,325	2,325	2,325	2,325	2,325
2010 US	WIN	SERC	N	10a	Firm (Note: The sum of 10a1 and 10a2 must be = 10a)	1,615	1,611	931	931	935	935	935	935	935	935
2010 US	WIN	SERC	N	10a1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	10a2	Owned Capacity/Entitlement Located Outside the Region/S	-	64	128	128	128	128	128	128	128	128
2010 US	WIN	SERC	N	10b	Non-firm	389	1,244	1,356	1,356	1,390	1,390	1,390	1,390	1,390	1,390
2010 US	WIN	SERC	N	10c	Expected (Note: The sum of 10c1 and 10c2 must be = 10c	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	10c1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	10c2	Owned Capacity/Entitlement Located Outside the Region/S	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	10d	Provisional - transactions under study, but negotiations hav	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	11	CAPACITY TRANSACTIONS - EXPORTS	1,006	1,194	470	470	470	470	470	470	470	470
2010 US	WIN	SERC	N	11a	Firm (Note: The sum of 11a1 and 11a2 must be = 11a)	953	1,141	417	417	417	417	417	417	417	417
2010 US	WIN	SERC	N	11a1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	11a2	Owned Capacity/Entitlement Located Outside the Region/S	128	324	324	324	324	324	324	324	324	324
2010 US	WIN	SERC	N	11b	Non-firm	53	53	53	53	53	53	53	53	53	53
2010 US	WIN	SERC	N	11c	Expected (Note: The sum of 11c1 and 11c2 must be = 11c	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	11c1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	N	11c2	Owned Capacity/Entitlement Located Outside the Region/S	-	-	-	-	-	-	-	-	-	-

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2010 US	WIN	SERC	N	11d	Provisional – transactions under study, but negotiations have	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	N	12	EXISTING, CERTAIN CAPACITY & NET FIRM TRANSACT	58,787	59,521	60,824	61,066	61,528	61,647	61,755	61,753	61,724	61,846	62,008				
2010 US	WIN	SERC	N	13	ANTICIPATED CAPACITY RESOURCES		59,521	62,587	62,603	62,839	62,054	62,162	61,584	62,815	62,937	63,099				
2010 US	WIN	SERC	N	14	PROSPECTIVE CAPACITY RESOURCES		60,088	63,154	63,170	63,406	62,977	63,085	62,507	63,738	63,860	64,022				
2010 US	WIN	SERC	N	15	TOTAL POTENTIAL CAPACITY RESOURCES		60,088	63,154	63,170	63,406	62,977	63,085	62,775	64,006	64,818	64,980				
2010 US	WIN	SERC	N	15a	ADJUSTED POTENTIAL CAPACITY RESOURCES		60,088	63,154	63,170	63,406	62,977	63,085	62,507	63,738	63,860	64,022				
2010 US	WIN	SERC	N	16a	Confidence of Future, Other (7b), using reasonable judgement		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	N	16b	Net Future, Other Resources After Confidence Percentage Is Applied		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	N	16c	Confidence of Conceptual (8), using reasonable judgement		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	N	16d	Net Conceptual Resources After Confidence Percentage Is Applied		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	1	Unrestricted Non-coincident Peak Demand	43,504	44,346	45,459	46,384	47,149	47,834	48,546	49,117	49,890	50,620	51,497				
2010 US	WIN	SERC	SE	1a	New Conservation (Energy Efficiency)		-	106	108	109	111	113	114	116	117	119	120			
2010 US	WIN	SERC	SE	1b	Estimated Diversity		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	1c	Additions for non-member load (load served by non-registe		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	1d	Stand-by Load Under Contract (Normally served by behind		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	1e	Non-Controllable Demand-Side Demand Response		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	2	Total Internal Demand	43,504	44,240	45,351	46,275	47,038	47,721	48,432	49,001	49,773	50,501	51,377				
2010 US	WIN	SERC	SE	2H1	Load Forecast Uncertainty (Extreme Demand Factor)		1	1	1	1	1	1	1	1	1	1	1	1	1	
2010 US	WIN	SERC	SE	2H	Total Internal Demand	43,504	46,894	48,072	49,052	49,860	50,584	51,338	51,941	52,759	53,531	54,460				
2010 US	WIN	SERC	SE	2a	Supply-Side Direct Control Load Management	347	379	499	591	686	781	876	886	896	904	913				
2010 US	WIN	SERC	SE	2b	Supply-Side Contractually Interruptible (Curtailable)	1,229	1,234	1,235	1,235	1,235	1,314	1,314	1,314	1,299	1,299	1,299				
2010 US	WIN	SERC	SE	2c	Supply-Side Critical Peak-Pricing (CPP) with Control		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	2d	Supply-Side Load as a Capacity Resource	92	92	96	100	103	105	107	109	111	112	113				
2010 US	WIN	SERC	SE	3	Net Internal Demand	41,836	42,535	43,521	44,349	45,014	45,521	46,135	46,692	47,467	48,186	49,052				
2010 US	WIN	SERC	SE	4a	Demand Response used for Ancillary Services - Spinning F		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	4b	Demand Response used for Ancillary Services - Non-Spinn		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	4c	Demand Response used for Regulation		-	75	75	75	75	75	75	75	75	75	75	75	75	
2010 US	WIN	SERC	SE	4d	Demand Response used for Energy, Voluntary Services - E		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	5	TOTAL INTERNAL CAPACITY	68,178	68,035	69,904	70,713	71,121	71,927	73,612	75,044	75,033	75,011	75,021				
2010 US	WIN	SERC	SE	6	EXISTING CAPACITY	68,178	68,286	68,485	68,563	68,661	68,837	68,614	68,946	68,935	68,929	68,939				
2010 US	WIN	SERC	SE	6a	Existing, Certain	62,789	62,821	62,587	62,569	63,267	63,267	62,947	63,267	63,259	63,244	63,244				
2010 US	WIN	SERC	SE	6a1	Wind Expected On-Peak		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	6a2	Solar Expected On-Peak	1	2	2	2	2	2	2	2	2	2	2	2	2	2	
2010 US	WIN	SERC	SE	6a3	Hydro Expected On-Peak	3,300	3,301	3,301	3,301	3,301	3,301	3,301	3,301	3,301	3,301	3,301	3,301	3,301	3,301	3,301
2010 US	WIN	SERC	SE	6a4	Biomass Expected On-Peak	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
2010 US	WIN	SERC	SE	6b	Existing, Other (Note: Enter the net expected value only)	3,406	3,445	4,068	4,068	3,370	3,370	3,370	3,370	3,370	3,370	3,370	3,370	3,370	3,370	
2010 US	WIN	SERC	SE	6b1	Wind Derate On-Peak		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	6b2	Solar Derate On-Peak		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	6b3	Hydro Derate On-Peak		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	6b4	Biomass Derate On-Peak		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	6b5	Transmission-Limited Resources		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	6b6	All Other Derates		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	6b7	Energy Only (Existing-Other)		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	6c	Existing, Inoperable (Note: Capacity reported on this line is	315	315													
2010 US	WIN	SERC	SE	6d	Total Supply-Side Demand Response	1,668	1,705	1,830	1,926	2,024	2,200	2,297	2,309	2,306	2,315	2,325				
2010 US	WIN	SERC	SE	7	FUTURE CAPACITY ADDITIONS		-	(251)	1,420	2,150	2,460	3,090	4,998	6,098	6,098	6,082	6,082			
2010 US	WIN	SERC	SE	7a	Future, Planned (Note: Enter the net expected value only)		-	(251)	1,420	2,252	2,599	3,229	5,137	6,237	6,237	6,237	6,237			
2010 US	WIN	SERC	SE	7a1	Wind Expected On-Peak		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	7a2	Wind Derate On-Peak		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	7a3	Solar Expected On-Peak		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	7a4	Solar Derate On-Peak		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	7a5	Hydro Expected On-Peak		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	7a6	Hydro Derate On-Peak		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	7a7	Biomass Expected On-Peak		-	50	146	146	146	146	146	146	146	146	146	146		
2010 US	WIN	SERC	SE	7a8	Biomass Derate On-Peak		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	7a9	Transmission-Limited Resources		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	7a10	Scheduled Outage - Maintenance		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	7a11	All Other Derates		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	7a12	Energy Only		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	7b	Future, Other (Note: Enter the net expected value only)		-	-	(102)	(139)	(139)	(139)	(139)	(139)	(139)	(155)	(155)			
2010 US	WIN	SERC	SE	7b1	Wind Expected On-Peak		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	7b2	Wind Derate On-Peak		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	7b3	Solar Expected On-Peak		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	7b4	Solar Derate On-Peak		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	7b5	Hydro Expected On-Peak		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	7b6	Hydro Derate On-Peak		-	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	SE	7b7	Biomass Expected On-Peak		-	-	-	-	-	-	-	-	-	-	-	-	-	

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2010 US	WIN	SERC	W	6a3	Hydro Expected On-Peak	259	259	259	259	259	259	259	259	259	259	259		
2010 US	WIN	SERC	W	6a4	Biomass Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-		
2010 US	WIN	SERC	W	6b	Existing, Other (Note: Enter the net expected value only)	3,402	3,739	6,280	6,470	6,803	7,485	7,576	8,401	9,507	10,033	10,097		
2010 US	WIN	SERC	W	6b1	Wind Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-		
2010 US	WIN	SERC	W	6b2	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-		
2010 US	WIN	SERC	W	6b3	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-		
2010 US	WIN	SERC	W	6b4	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-		
2010 US	WIN	SERC	W	6b5	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	-		
2010 US	WIN	SERC	W	6b6	All Other Derates	-	-	-	-	-	-	-	-	-	-	-		
2010 US	WIN	SERC	W	6b7	Energy Only (Existing-Other)	1,342	1,407	1,191	1,191	1,291	1,291	1,291	1,291	1,291	1,291	1,291	1,291	
2010 US	WIN	SERC	W	6c	Existing, Inoperable (Note: Capacity reported on this line is	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	
2010 US	WIN	SERC	W	6d	Total Supply-Side Demand Response	319	723	755	857	761	789	803	807	810	806	808	808	
2010 US	WIN	SERC	W	7	FUTURE CAPACITY ADDITIONS	-	-	160	184	234	234	234	234	234	234	234	234	
2010 US	WIN	SERC	W	7a	Future, Planned (Note: Enter the net expected value only)	-	-	160	184	234	234	234	234	234	234	234	234	
2010 US	WIN	SERC	W	7a1	Wind Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	7a2	Wind Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	7a3	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	7a4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	7a5	Hydro Expected On-Peak	-	-	-	24	24	24	24	24	24	24	24	24	
2010 US	WIN	SERC	W	7a6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	7a7	Biomass Expected On-Peak	-	-	-	-	50	50	50	50	50	50	50	50	
2010 US	WIN	SERC	W	7a8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	7a9	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	7a10	Scheduled Outage - Maintenance	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	7a11	All Other Derates	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	7a12	Energy Only	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	7b	Future, Other (Note: Enter the net expected value only)	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	7b1	Wind Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	7b2	Wind Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	7b3	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	7b4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	7b5	Hydro Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	7b6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	7b7	Biomass Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	7b8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	7b9	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	7b10	Scheduled Outage - Maintenance	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	7b11	All Other Derates	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	7b12	Energy Only	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	8	Conceptual (Note: Enter the net expected value only)	-	-	-	10	710	1,490	1,545	1,600	2,255	3,005	3,155	3,155	
2010 US	WIN	SERC	W	8a1	Wind Expected On-Peak	-	-	-	-	-	3	5	8	10	10	10	10	
2010 US	WIN	SERC	W	8a2	Wind Derate On-Peak	-	-	-	-	-	(48)	(95)	(143)	(190)	(190)	(190)	(190)	
2010 US	WIN	SERC	W	8a3	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	8a4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	8a5	Hydro Expected On-Peak	-	-	-	-	-	-	-	-	-	50	100	100	
2010 US	WIN	SERC	W	8a6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	8a7	Biomass Expected On-Peak	-	-	-	10	110	210	310	410	510	610	710	710	
2010 US	WIN	SERC	W	8a8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	8a9	All Other Derates	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	8a10	Energy Only	-	-	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	9	ANTICIPATED INTERNAL CAPACITY	35,986	36,613	36,333	36,269	35,890	35,394	35,317	34,496	33,913	33,452	33,390	33,390	
2010 US	WIN	SERC	W	10	CAPACITY TRANSACTIONS - IMPORTS	1,384	1,526	1,220	1,170	1,170	1,170	300	300	300	300	300	300	300
2010 US	WIN	SERC	W	10a	Firm (Note: The sum of 10a1 and 10a2 must be = 10a)	1,187	1,370	1,220	1,170	1,170	1,170	300	300	300	300	300	300	300
2010 US	WIN	SERC	W	10a1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	W	10a2	Owned Capacity/Entitlement Located Outside the Region/S	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	W	10b	Non-firm	97	6	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	W	10c	Expected (Note: The sum of 10c1 and 10c2 must be = 10c)	100	150	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	W	10c1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	W	10c2	Owned Capacity/Entitlement Located Outside the Region/S	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	W	10d	Provisional – transactions under study, but negotiations hav	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	W	11	CAPACITY TRANSACTIONS - EXPORTS	2,301	2,204	2,057	2,057	2,057	2,057	2,057	2,057	2,057	2,057	2,057	2,057	2,057
2010 US	WIN	SERC	W	11a	Firm (Note: The sum of 11a1 and 11a2 must be = 11a)	2,104	2,048	2,057	2,057	2,057	2,057	2,057	2,057	2,057	2,057	2,057	2,057	2,057
2010 US	WIN	SERC	W	11a1	Full-Responsibility Purchases	1,022	1,022	1,022	1,022	1,022	1,022	1,022	1,022	1,022	1,022	1,022	1,022	1,022
2010 US	WIN	SERC	W	11a2	Owned Capacity/Entitlement Located Outside the Region/S	200	200	216	216	216	216	216	216	216	216	216	216	216
2010 US	WIN	SERC	W	11b	Non-firm	97	6	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	W	11c	Expected (Note: The sum of 11c1 and 11c2 must be = 11c)	100	150	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	W	11c1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	-	-	-

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2010 US	WIN	SERC	W	11c2	Owned Capacity/Entitlement Located Outside the Region/S	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	11d	Provisional – transactions under study, but negotiations hav	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	SERC	W	12	EXISTING, CERTAIN CAPACITY & NET FIRM TRANSAC	35,069	35,935	35,336	35,198	34,769	34,273	33,326	32,505	31,922	31,461	31,099
2010 US	WIN	SERC	W	13	ANTICIPATED CAPACITY RESOURCES		35,935	35,496	35,382	35,003	34,507	33,560	32,739	32,156	31,695	31,333
2010 US	WIN	SERC	W	14	PROSPECTIVE CAPACITY RESOURCES		39,673	41,775	41,851	41,805	41,991	41,135	41,139	41,662	41,727	41,429
2010 US	WIN	SERC	W	15	TOTAL POTENTIAL CAPACITY RESOURCES		39,673	41,775	41,861	42,515	43,481	42,680	42,739	43,917	44,732	44,584
2010 US	WIN	SERC	W	15a	ADJUSTED POTENTIAL CAPACITY RESOURCES		39,673	41,775	41,851	41,805	41,991	41,135	41,139	41,662	41,727	41,429
2010 US	WIN	SERC	W	16a	Confidence of Future, Other (7b), using reasonable judgement		-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	W	16b	Net Future, Other Resources After Confidence Percentage Is Applied		-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	W	16c	Confidence of Conceptual (8), using reasonable judgement		-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SERC	W	16d	Net Conceptual Resources After Confidence Percentage Is Applied		-	-	-	-	-	-	-	-	-	-

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Table 5B.4. MISO Winter Historical and Projected Demand and Capacity, Data Year 2010 (Megawatts)

Data Year	Country	Season	Area	Subarea	Line#	DESCRIPTION	Actual		Projected									
							2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
2010	US	WIN	MISO	-	1	Unrestricted Non-coincident Peak Demand	86,728	82,649	78,630	80,932	81,261	82,150	82,873	83,632	84,453	85,289	86,142	
2010	US	WIN	MISO	-	1a	New Conservation (Energy Efficiency)	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	1b	Estimated Diversity	-	3,597	3,422	3,522	3,536	3,575	3,607	3,640	3,675	3,712	3,749	
2010	US	WIN	MISO	-	1c	Additions for non-member load (load served by non-registered LSE's in	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	1d	Stand-by Load Under Contract (Normally served by behind the meter ge	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	1e	Non-Controllable Demand-Side Demand Response	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	2	Total Internal Demand	86,728	79,052	75,208	77,410	77,725	78,574	79,267	79,992	80,778	81,577	82,393	
2010	US	WIN	MISO	-	2H1	Load Forecast Uncertainty (Extreme Demand Factor)	-	1	1	1	1	1	1	1	1	1	1	
2010	US	WIN	MISO	-	2H	Total Internal Demand	-	83,795	79,721	82,055	82,388	83,289	84,023	84,792	85,624	86,471	87,336	
2010	US	WIN	MISO	-	2a	Supply-Side Direct Control Load Management	221	1,118	1,118	1,118	1,118	1,118	1,118	1,118	1,118	1,118	1,118	
2010	US	WIN	MISO	-	2b	Supply-Side Contractually Interruptible (Curtailable)	2,405	3,093	3,093	3,093	3,093	3,093	3,093	3,093	3,093	3,093	3,093	
2010	US	WIN	MISO	-	2c	Supply-Side Critical Peak-Pricing (CPP) with Control	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	2d	Supply-Side Load as a Capacity Resource	3,791	3,608	3,608	3,608	3,608	3,608	3,608	3,608	3,608	3,608	3,608	
2010	US	WIN	MISO	-	3	Net Internal Demand	80,311	71,233	67,389	69,591	69,906	70,755	71,448	72,173	72,959	73,758	74,574	
2010	US	WIN	MISO	-	4a	Demand Response used for Ancillary Services - Spinning F	49	49	49	49	49	49	49	49	49	49	49	
2010	US	WIN	MISO	-	4b	Demand Response used for Ancillary Services - Non-Spinn	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	4c	Demand Response used for Regulation	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	4d	Demand Response used for Energy, Voluntary Services - E	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	5	TOTAL INTERNAL CAPACITY	160,826	141,511	143,131	144,330	144,924	144,947	145,029	145,029	145,029	146,592	146,592	
2010	US	WIN	MISO	-	6	EXISTING CAPACITY	160,826	141,511	133,828	133,828	133,828	133,828	133,828	133,828	133,828	133,828	133,828	
2010	US	WIN	MISO	-	6a	Existing, Certain	126,142	107,051	107,051	107,051	107,051	107,051	107,051	107,051	107,051	107,051	107,051	
2010	US	WIN	MISO	-	6a1	Wind Expected On-Peak	1,399	389	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	6a2	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	6a3	Hydro Expected On-Peak	758	717	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	6a4	Biomass Expected On-Peak	171	496	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	6b	Existing, Other (Note: Enter the net expected value only)	20,630	17,108	17,108	17,108	17,108	17,108	17,108	17,108	17,108	17,108	17,108	
2010	US	WIN	MISO	-	6b1	Wind Derate On-Peak	6,784	7,683	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	6b2	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	6b3	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	6b4	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	6b5	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	6b6	All Other Derates	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	6b7	Energy Only (Existing-Other)	2,489	1,417	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	6c	Existing, Inoperable (Note: Capacity reported on this line is	853	1,850	1,850	1,850	1,850	1,850	1,850	1,850	1,850	1,850	1,850	
2010	US	WIN	MISO	-	6d	Total Supply-Side Demand Response	6,417	7,819	7,819	7,819	7,819	7,819	7,819	7,819	7,819	7,819	7,819	
2010	US	WIN	MISO	-	7	FUTURE CAPACITY ADDITIONS	-	-	(3,613)	(3,424)	(3,339)	(3,316)	(3,234)	(3,234)	(3,234)	(1,671)	(1,671)	
2010	US	WIN	MISO	-	7a	Future, Planned (Note: Enter the net expected value only)	-	-	(5,314)	(5,255)	(5,236)	(5,213)	(5,131)	(5,131)	(3,568)	(3,568)		
2010	US	WIN	MISO	-	7a1	Wind Expected On-Peak	-	212	231	241	241	241	241	241	241	241	241	
2010	US	WIN	MISO	-	7a2	Wind Derate On-Peak	-	1,431	1,562	1,627	1,627	1,627	1,627	1,627	1,627	1,627	1,627	
2010	US	WIN	MISO	-	7a3	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	7a4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	7a5	Hydro Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	7a6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	7a7	Biomass Expected On-Peak	-	-	40	40	40	40	40	40	40	40	40	
2010	US	WIN	MISO	-	7a8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	7a9	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	7a10	Scheduled Outage - Maintenance	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	7a11	All Other Derates	-	-	0	(0)	(0)	(0)	(0)	(0)	(0)	(0)		
2010	US	WIN	MISO	-	7a12	Energy Only	-	-	-	9	9	9	9	9	9	9		
2010	US	WIN	MISO	-	7b	Future, Other (Note: Enter the net expected value only)	-	1,701	1,831	1,897	1,897	1,897	1,897	1,897	1,897	1,897	1,897	
2010	US	WIN	MISO	-	7b1	Wind Expected On-Peak	-	1,701	1,831	1,897	1,897	1,897	1,897	1,897	1,897	1,897	1,897	
2010	US	WIN	MISO	-	7b2	Wind Derate On-Peak	-	-	11,485	12,364	12,808	12,808	12,808	12,808	12,808	12,808	12,808	
2010	US	WIN	MISO	-	7b3	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	7b4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	7b5	Hydro Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	7b6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	7b7	Biomass Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	MISO	-	7b8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	

MISO

2010 US	WIN	MISO	-	7b9	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MISO	-	7b10	Scheduled Outage - Maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MISO	-	7b11	All Other Derates	-	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2010 US	WIN	MISO	-	7b12	Energy Only	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MISO	-	8	Conceptual (Note: Enter the net expected value only)	-	474	609	740	954	986	986	986	986	986	986	986	986	986
2010 US	WIN	MISO	-	8a1	Wind Expected On-Peak	-	199	240	253	253	285	285	285	285	285	285	285	285	285
2010 US	WIN	MISO	-	8a2	Wind Derate On-Peak	-	1,346	1,620	1,708	1,708	1,924	1,924	1,924	1,924	1,924	1,924	1,924	1,924	1,924
2010 US	WIN	MISO	-	8a3	Solar Expected On-Peak	-	-	-	7	7	7	7	7	7	7	7	7	7	7
2010 US	WIN	MISO	-	8a4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MISO	-	8a5	Hydro Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MISO	-	8a6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MISO	-	8a7	Biomass Expected On-Peak	-	5	5	5	11	11	11	11	11	11	11	11	11	11
2010 US	WIN	MISO	-	8a8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MISO	-	8a9	All Other Derates	-	-	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2010 US	WIN	MISO	-	8a10	Energy Only	-	-	-	-	6	6	6	6	6	6	6	6	6	6
2010 US	WIN	MISO	-	9	ANTICIPATED INTERNAL CAPACITY	132,559	114,870	109,556	109,615	109,634	109,657	109,739	109,739	109,739	109,739	111,302	111,302	111,302	111,302
2010 US	WIN	MISO	-	10	CAPACITY TRANSACTIONS - IMPORTS	3,099	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MISO	-	10a	Firm (Note: The sum of 10a1 and 10a2 must be = 10a)	3,099	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MISO	-	10a1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MISO	-	10a2	Owned Capacity/Entitlement Located Outside the Region/S	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MISO	-	10b	Non-firm	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MISO	-	10c	Expected (Note: The sum of 10c1 and 10c2 must be = 10c)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MISO	-	10c1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MISO	-	10c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MISO	-	10d	Provisional – transactions under study, but negotiations have not begun	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MISO	-	11	CAPACITY TRANSACTIONS - EXPORTS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MISO	-	11a	Firm (Note: The sum of 11a1 and 11a2 must be = 11a)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MISO	-	11a1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MISO	-	11a2	Owned Capacity/Entitlement Located Outside the Region/S	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MISO	-	11b	Non-firm	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MISO	-	11c	Expected (Note: The sum of 11c1 and 11c2 must be = 11c)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MISO	-	11c1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MISO	-	11c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MISO	-	11d	Provisional – transactions under study, but negotiations have not begun	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MISO	-	12	EXISTING, CERTAIN CAPACITY & NET FIRM TRANSAC	135,658	114,870	114,870	114,870	114,870	114,870	114,870	114,870	114,870	114,870	114,870	114,870	114,870	114,870
2010 US	WIN	MISO	-	13	ANTICIPATED CAPACITY RESOURCES	114,870	109,556	109,615	109,634	109,657	109,739	109,739	109,739	109,739	111,302	111,302	111,302	111,302	111,302
2010 US	WIN	MISO	-	14	PROSPECTIVE CAPACITY RESOURCES	131,978	128,365	128,554	128,639	128,662	128,744	128,744	128,744	128,744	130,307	130,307	130,307	130,307	130,307
2010 US	WIN	MISO	-	15	TOTAL POTENTIAL CAPACITY RESOURCES	131,978	128,839	129,164	129,379	129,616	129,730	129,730	129,730	129,730	131,293	131,293	131,293	131,293	131,293
2010 US	WIN	MISO	-	15a	ADJUSTED POTENTIAL CAPACITY RESOURCES	131,978	128,365	128,554	128,639	128,662	128,744	128,744	128,744	128,744	130,307	130,307	130,307	130,307	130,307
2010 US	WIN	MISO	-	16a	Confidence of Future, Other (7b), using reasonable judgement	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MISO	-	16b	Net Future, Other Resources After Confidence Percentage Is Applied	-	1,701	1,831	1,897	1,897	1,897	1,897	1,897	1,897	1,897	1,897	1,897	1,897	1,897
2010 US	WIN	MISO	-	16c	Confidence of Conceptual (8), using reasonable judgement	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	MISO	-	16d	Net Conceptual Resources After Confidence Percentage Is Applied	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Table 5B.5. PJM Winter Historical and Projected Demand and Capacity, Data Year 2010 (Megawatts)

Data Year	Country	Season	Area	Subarea	Line#	DESCRIPTION	Actual		Projected								
							2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
2010	US	WIN	PJM	-	1	Unrestricted Non-coincident Peak Demand	115,535	130,711	133,594	135,529	136,948	137,985	139,073	140,040	141,170	142,268	143,485
2010	US	WIN	PJM	-	1a	New Conservation (Energy Efficiency)	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	PJM	-	1b	Estimated Diversity	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	PJM	-	1c	Additions for non-member load (load served by non-registered LSE's in	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	PJM	-	1d	Stand-by Load Under Contract (Normally served by behind the meter ge	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	PJM	-	1e	Non-Controllable Demand-Side Demand Response	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	PJM	-	2	Total Internal Demand	115,535	130,711	133,594	135,529	136,948	137,985	139,073	140,040	141,170	142,268	143,485
2010	US	WIN	PJM	-	2H1	Load Forecast Uncertainty (Extreme Demand Factor)	-	1	1	1	1	1	1	1	1	1	1
2010	US	WIN	PJM	-	2H	Total Internal Demand	1	138,554	141,610	143,661	145,165	146,264	147,417	148,442	149,640	150,804	152,094
2010	US	WIN	PJM	-	2a	Supply-Side Direct Control Load Management	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	PJM	-	2b	Supply-Side Contractually Interruptible (Curtailable)	-	4,828	6,130	8,286	8,286	8,286	8,286	8,286	8,286	8,286	8,286
2010	US	WIN	PJM	-	2c	Supply-Side Critical Peak-Pricing (CPP) with Control	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	PJM	-	2d	Supply-Side Load as a Capacity Resource	-	9,500	9,500	9,500	9,500	9,500	9,500	9,500	9,500	9,500	9,500
2010	US	WIN	PJM	-	3	Net Internal Demand	115,535	119,806	127,464	127,243	128,662	129,699	130,787	131,754	132,884	133,982	135,199
2010	US	WIN	PJM	-	4a	Demand Response used for Ancillary Services - Spinning F	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	PJM	-	4b	Demand Response used for Ancillary Services - Non-Spinn	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	PJM	-	4c	Demand Response used for Regulation	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	PJM	-	4d	Demand Response used for Energy, Voluntary Services - E	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	PJM	-	5	TOTAL INTERNAL CAPACITY	-	198,818	202,861	206,541	207,510	207,940	208,320	208,700	209,080	209,460	209,840
2010	US	WIN	PJM	-	6	EXISTING CAPACITY	-	197,068	-	-	-	-	-	-	-	-	-
2010	US	WIN	PJM	-	6a	Existing, Certain	-	180,417	-	-	-	-	-	-	-	-	-
2010	US	WIN	PJM	-	6a1	Wind Expected On-Peak	511	670	-	-	-	-	-	-	-	-	-
2010	US	WIN	PJM	-	6a2	Solar Expected On-Peak	-	12	-	-	-	-	-	-	-	-	-
2010	US	WIN	PJM	-	6a3	Hydro Expected On-Peak	2,226	2,632	-	-	-	-	-	-	-	-	-
2010	US	WIN	PJM	-	6a4	Biomass Expected On-Peak	727	874	-	-	-	-	-	-	-	-	-
2010	US	WIN	PJM	-	6b	Existing, Other (Note: Enter the net expected value only)	9,400	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	PJM	-	6b1	Wind Derate On-Peak	3,582	4,273	-	-	-	-	-	-	-	-	-
2010	US	WIN	PJM	-	6b2	Solar Derate On-Peak	-	20	-	-	-	-	-	-	-	-	-
2010	US	WIN	PJM	-	6b3	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	PJM	-	6b4	Biomass Derate On-Peak	-	4	-	-	-	-	-	-	-	-	-
2010	US	WIN	PJM	-	6b5	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	PJM	-	6b6	All Other Derates	5,818	1,450	-	-	-	-	-	-	-	-	-
2010	US	WIN	PJM	-	6b7	Energy Only (Existing-Other)	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	PJM	-	6c	Existing, Inoperable (Note: Capacity reported on this line is	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	PJM	-	6d	Total Supply-Side Demand Response	-	10,905	6,130	8,286	8,286	8,286	8,286	8,286	8,286	8,286	8,286
2010	US	WIN	PJM	-	7	FUTURE CAPACITY ADDITIONS	-	966	7,992	8,873	9,463	9,470	9,470	9,470	9,470	9,470	9,470
2010	US	WIN	PJM	-	7a	Future, Planned (Note: Enter the net expected value only)	-	966	7,992	8,873	9,463	9,470	9,470	9,470	9,470	9,470	9,470
2010	US	WIN	PJM	-	7a1	Wind Expected On-Peak	111	405	462	462	462	469	469	469	469	469	469
2010	US	WIN	PJM	-	7a2	Wind Derate On-Peak	447	1,794	2,025	2,025	2,069	2,069	2,069	2,069	2,069	2,069	
2010	US	WIN	PJM	-	7a3	Solar Expected On-Peak	67	96	115	115	115	115	115	115	115	115	
2010	US	WIN	PJM	-	7a4	Solar Derate On-Peak	112	160	191	191	191	191	191	191	191	191	
2010	US	WIN	PJM	-	7a5	Hydro Expected On-Peak	27	27	167	177	177	177	177	177	177	177	
2010	US	WIN	PJM	-	7a6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	PJM	-	7a7	Biomass Expected On-Peak	63	68	68	68	68	68	68	68	68	68	
2010	US	WIN	PJM	-	7a8	Biomass Derate On-Peak	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	
2010	US	WIN	PJM	-	7a9	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	PJM	-	7a10	Scheduled Outage - Maintenance	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	PJM	-	7a11	All Other Derates	224	622	1,001	1,381	1,761	2,141	2,521	2,901	3,281	3,660	
2010	US	WIN	PJM	-	7a12	Energy Only	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	PJM	-	7b	Future, Other (Note: Enter the net expected value only)	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	PJM	-	7b1	Wind Expected On-Peak	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	PJM	-	7b2	Wind Derate On-Peak	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	PJM	-	7b3	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	PJM	-	7b4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	PJM	-	7b5	Hydro Expected On-Peak	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	PJM	-	7b6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	PJM	-	7b7	Biomass Expected On-Peak	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	PJM	-	7b8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	

PJM

2010 US	WIN	PJM	-	7b9	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	PJM	-	7b10	Scheduled Outage - Maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	PJM	-	7b11	All Other Derates	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	PJM	-	7b12	Energy Only	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	PJM	-	8	Conceptual (Note: Enter the net expected value only)	3,130	9,011	11,650	20,842	24,103	24,453	26,093	26,093	27,693	27,693	27,693	27,693	27,693	27,693
2010 US	WIN	PJM	-	8a1	Wind Expected On-Peak	166	846	1,708	4,577	4,712	4,712	4,712	4,712	4,712	4,712	4,712	4,712	4,712	4,712
2010 US	WIN	PJM	-	8a2	Wind Derate On-Peak	854	4,694	9,345	18,750	19,413	19,413	19,413	19,413	19,413	19,413	19,413	19,413	19,413	19,413
2010 US	WIN	PJM	-	8a3	Solar Expected On-Peak	269	1,034	1,139	1,192	1,192	1,192	1,192	1,192	1,192	1,192	1,192	1,192	1,192	1,192
2010 US	WIN	PJM	-	8a4	Solar Derate On-Peak	430	1,661	1,834	1,921	1,921	1,921	1,921	1,921	1,921	1,921	1,921	1,921	1,921	1,921
2010 US	WIN	PJM	-	8a5	Hydro Expected On-Peak	13	50	73	185	197	197	197	197	197	197	197	197	197	197
2010 US	WIN	PJM	-	8a6	Hydro Derate On-Peak	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2010 US	WIN	PJM	-	8a7	Biomass Expected On-Peak	5	103	181	244	244	244	244	244	244	244	244	244	244	244
2010 US	WIN	PJM	-	8a8	Biomass Derate On-Peak	-	-	2	2	2	2	2	2	2	2	2	2	2	2
2010 US	WIN	PJM	-	8a9	All Other Derates	892	4,220	7,904	11,750	15,596	19,443	23,289	27,135	30,982	34,828	34,828	34,828	34,828	34,828
2010 US	WIN	PJM	-	8a10	Energy Only	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	PJM	-	9	ANTICIPATED INTERNAL CAPACITY	-	192,288	194,538	197,576	198,166	198,172	198,172	198,172	198,172	198,172	198,172	198,172	198,172	198,172
2010 US	WIN	PJM	-	10	CAPACITY TRANSACTIONS - IMPORTS	2,500	3,858	4,012	4,768	4,768	4,768	4,768	4,768	4,768	4,768	4,768	4,768	4,768	4,768
2010 US	WIN	PJM	-	10a	Firm (Note: The sum of 10a1 and 10a2 must be = 10a)	2,500	3,858	4,012	4,768	4,768	4,768	4,768	4,768	4,768	4,768	4,768	4,768	4,768	4,768
2010 US	WIN	PJM	-	10a1	Full-Responsibility Purchases	2,400	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	PJM	-	10a2	Owned Capacity/Entitlement Located Outside the Region/S	100	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	PJM	-	10b	Non-firm	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	PJM	-	10c	Expected (Note: The sum of 10c1 and 10c2 must be = 10c)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	PJM	-	10c1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	PJM	-	10c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	PJM	-	10d	Provisional – transactions under study, but negotiations have not begun	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	PJM	-	11	CAPACITY TRANSACTIONS - EXPORTS	600	2,598	2,643	2,632	2,632	2,632	2,632	2,632	2,632	2,632	2,632	2,632	2,632	2,632
2010 US	WIN	PJM	-	11a	Firm (Note: The sum of 11a1 and 11a2 must be = 11a)	600	2,598	2,643	2,632	2,632	2,632	2,632	2,632	2,632	2,632	2,632	2,632	2,632	2,632
2010 US	WIN	PJM	-	11a1	Full-Responsibility Purchases	600	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	PJM	-	11a2	Owned Capacity/Entitlement Located Outside the Region/S	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	PJM	-	11b	Non-firm	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	PJM	-	11c	Expected (Note: The sum of 11c1 and 11c2 must be = 11c)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	PJM	-	11c1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	PJM	-	11c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	PJM	-	11d	Provisional – transactions under study, but negotiations have not begun	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	PJM	-	12	EXISTING, CERTAIN CAPACITY & NET FIRM TRANSAC ^C	190,000	192,582	187,916	190,839	190,839	190,839	190,839	190,839	190,839	190,839	190,839	190,839	190,839	190,839
2010 US	WIN	PJM	-	13	ANTICIPATED CAPACITY RESOURCES	193,548	195,907	199,712	200,302	200,308	200,308	200,308	200,308	200,308	200,308	200,308	200,308	200,308	200,308
2010 US	WIN	PJM	-	14	PROSPECTIVE CAPACITY RESOURCES	193,548	195,907	199,712	200,302	200,308	200,308	200,308	200,308	200,308	200,308	200,308	200,308	200,308	200,308
2010 US	WIN	PJM	-	15	TOTAL POTENTIAL CAPACITY RESOURCES	196,678	204,919	211,362	221,144	224,411	224,761	226,401	226,401	228,001	228,001	228,001	228,001	228,001	228,001
2010 US	WIN	PJM	-	15a	ADJUSTED POTENTIAL CAPACITY RESOURCES	193,548	195,907	199,712	200,302	200,308	200,308	200,308	200,308	200,308	200,308	200,308	200,308	200,308	200,308
2010 US	WIN	PJM	-	16a	Confidence of Future, Other (7b), using reasonable judgement	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	PJM	-	16b	Net Future, Other Resources After Confidence Percentage Is Applied	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	PJM	-	16c	Confidence of Conceptual (8), using reasonable judgement	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	PJM	-	16d	Net Conceptual Resources After Confidence Percentage Is Applied	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Table 5B.7. SPP Winter Historical and Projected Demand and Capacity, Data Year 2010 (Megawatts)

Data Year	Country	Season	Area	Subarea	Line#	DESCRIPTION	Actual		Projected								
							2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
2010	US	WIN	SPP	-	1	Unrestricted Non-coincident Peak Demand	41,226	41,545	42,216	42,805	42,860	43,370	43,952	44,617	45,157	45,123	45,746
2010	US	WIN	SPP	-	1a	New Conservation (Energy Efficiency)	-	130	165	187	196	226	249	269	287	300	303
2010	US	WIN	SPP	-	1b	Estimated Diversity	-	265	270	276	298	174	178	182	185	186	189
2010	US	WIN	SPP	-	1c	Additions for non-member load (load served by non-registered LSE's in	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SPP	-	1d	Stand-by Load Under Contract (Normally served by behind the meter ge	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SPP	-	1e	Non-Controllable Demand-Side Demand Response	-	12	88	169	274	311	346	361	379	381	384
2010	US	WIN	SPP	-	2	Total Internal Demand	41,226	41,138	41,693	42,173	42,092	42,660	43,178	43,805	44,306	44,256	44,870
2010	US	WIN	SPP	-	2H1	Load Forecast Uncertainty (Extreme Demand Factor)	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SPP	-	2H	Total Internal Demand	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SPP	-	2a	Supply-Side Direct Control Load Management	8	102	127	137	145	156	165	175	184	192	200
2010	US	WIN	SPP	-	2b	Supply-Side Contractually Interruptible (Curtailable)	652	817	873	871	874	813	820	961	922	885	844
2010	US	WIN	SPP	-	2c	Supply-Side Critical Peak-Pricing (CPP) with Control	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SPP	-	2d	Supply-Side Load as a Capacity Resource	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SPP	-	3	Net Internal Demand	40,566	40,218	40,693	41,165	41,073	41,691	42,193	42,669	43,200	43,179	43,826
2010	US	WIN	SPP	-	4a	Demand Response used for Ancillary Services - Spinning F	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SPP	-	4b	Demand Response used for Ancillary Services - Non-Spinn	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SPP	-	4c	Demand Response used for Regulation	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SPP	-	4d	Demand Response used for Energy, Voluntary Services - E	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SPP	-	5	TOTAL INTERNAL CAPACITY	71,097	74,199	71,317	71,959	72,255	72,991	73,319	74,579	74,937	75,114	75,412
2010	US	WIN	SPP	-	6	EXISTING CAPACITY	71,097	74,141	69,804	69,812	69,823	69,773	69,789	69,940	69,910	69,881	69,848
2010	US	WIN	SPP	-	6a	Existing, Certain	61,486	63,819	63,819	63,819	63,819	63,819	63,819	63,819	63,819	63,819	63,819
2010	US	WIN	SPP	-	6a1	Wind Expected On-Peak	292	244	-	-	-	-	-	-	-	-	-
2010	US	WIN	SPP	-	6a2	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SPP	-	6a3	Hydro Expected On-Peak	2,901	2,621	-	-	-	-	-	-	-	-	-
2010	US	WIN	SPP	-	6a4	Biomass Expected On-Peak	8	11	-	-	-	-	-	-	-	-	-
2010	US	WIN	SPP	-	6b	Existing, Other (Note: Enter the net expected value only)	4,929	4,653	4,653	4,653	4,653	4,653	4,653	4,653	4,653	4,653	
2010	US	WIN	SPP	-	6b1	Wind Derate On-Peak	3,173	3,173	-	-	-	-	-	-	-	-	-
2010	US	WIN	SPP	-	6b2	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SPP	-	6b3	Hydro Derate On-Peak	136	135	-	-	-	-	-	-	-	-	-
2010	US	WIN	SPP	-	6b4	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SPP	-	6b5	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	-
2010	US	WIN	SPP	-	6b6	All Other Derates	396	1,110	-	-	-	-	-	-	-	-	-
2010	US	WIN	SPP	-	6b7	Energy Only (Existing-Other)	34	338	-	-	-	-	-	-	-	-	-
2010	US	WIN	SPP	-	6c	Existing, Inoperable (Note: Capacity reported on this line is	317	332	332	332	332	332	332	332	332	332	
2010	US	WIN	SPP	-	6d	Total Supply-Side Demand Response	660	919	1,000	1,008	1,019	969	985	1,136	1,106	1,077	1,044
2010	US	WIN	SPP	-	7	FUTURE CAPACITY ADDITIONS	-	43	866	1,420	1,700	2,456	2,788	3,911	4,292	4,505	4,836
2010	US	WIN	SPP	-	7a	Future, Planned (Note: Enter the net expected value only)	-	43	866	1,420	1,700	2,456	2,788	3,911	4,292	4,505	4,836
2010	US	WIN	SPP	-	7a1	Wind Expected On-Peak	-	-	32	39	39	39	39	39	39	39	39
2010	US	WIN	SPP	-	7a2	Wind Derate On-Peak	-	3	607	687	687	687	687	687	687	687	
2010	US	WIN	SPP	-	7a3	Solar Expected On-Peak	-	-	5	5	5	8	8	8	8	8	
2010	US	WIN	SPP	-	7a4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	SPP	-	7a5	Hydro Expected On-Peak	-	-	6	12	14	14	14	14	14	14	
2010	US	WIN	SPP	-	7a6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	SPP	-	7a7	Biomass Expected On-Peak	-	-	6	6	6	9	9	9	9	9	
2010	US	WIN	SPP	-	7a8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	SPP	-	7a9	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	SPP	-	7a10	Scheduled Outage - Maintenance	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	SPP	-	7a11	All Other Derates	-	13	(28)	(8)	5	34	14	(3)	8	(30)	(74)
2010	US	WIN	SPP	-	7a12	Energy Only	-	3	3	3	5	14	20	24	35	43	43
2010	US	WIN	SPP	-	7b	Future, Other (Note: Enter the net expected value only)	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	SPP	-	7b1	Wind Expected On-Peak	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	SPP	-	7b2	Wind Derate On-Peak	-	-	41	41	41	41	41	41	41	41	
2010	US	WIN	SPP	-	7b3	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	SPP	-	7b4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	SPP	-	7b5	Hydro Expected On-Peak	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	SPP	-	7b6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	SPP	-	7b7	Biomass Expected On-Peak	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	SPP	-	7b8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	

SPP

2010 US	WIN	SPP	-	7b9	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SPP	-	7b10	Scheduled Outage - Maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SPP	-	7b11	All Other Derates	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SPP	-	7b12	Energy Only	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SPP	-	8	Conceptual (Note: Enter the net expected value only)	-	138	138	2,303	2,320	4,411	9,499	9,499	9,499	9,499	9,499	9,499	9,499	9,522
2010 US	WIN	SPP	-	8a1	Wind Expected On-Peak	-	-	-	-	7	1,952	1,965	1,965	1,965	1,965	1,965	1,965	1,987	1,987
2010 US	WIN	SPP	-	8a2	Wind Derate On-Peak	-	-	-	-	248	19,617	19,743	19,743	19,743	19,743	19,743	19,743	19,968	19,968
2010 US	WIN	SPP	-	8a3	Solar Expected On-Peak	-	50	50	50	60	60	60	60	60	60	60	60	60	60
2010 US	WIN	SPP	-	8a4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SPP	-	8a5	Hydro Expected On-Peak	-	21	21	21	21	21	21	21	21	21	21	21	21	21
2010 US	WIN	SPP	-	8a6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SPP	-	8a7	Biomass Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SPP	-	8a8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SPP	-	8a9	All Other Derates	-	-	-	-	-	10	10	10	10	10	10	10	10	10
2010 US	WIN	SPP	-	8a10	Energy Only	-	-	-	-	-	-	300	300	300	300	300	300	300	300
2010 US	WIN	SPP	-	9	ANTICIPATED INTERNAL CAPACITY	62,146	64,781	65,685	66,247	66,537	67,244	67,592	68,866	69,217	69,401	69,401	69,401	69,401	69,699
2010 US	WIN	SPP	-	10	CAPACITY TRANSACTIONS - IMPORTS	4,479	4,524	4,886	4,931	4,921	4,180	4,190	3,821	3,828	3,837	3,837	3,837	3,865	3,865
2010 US	WIN	SPP	-	10a	Firm (Note: The sum of 10a1 and 10a2 must be = 10a)	4,399	4,474	4,836	4,881	4,871	4,130	4,140	3,771	3,778	3,787	3,787	3,815	3,815	3,815
2010 US	WIN	SPP	-	10a1	Full-Responsibility Purchases	2,773	2,787	3,474	3,000	2,977	2,259	2,227	2,173	2,171	2,171	2,171	2,189	2,189	2,189
2010 US	WIN	SPP	-	10a2	Owned Capacity/Entitlement Located Outside the Region/S	823	944	946	948	950	719	719	719	719	719	719	719	719	719
2010 US	WIN	SPP	-	10b	Non-firm	80	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SPP	-	10c	Expected (Note: The sum of 10c1 and 10c2 must be = 10c)	-	25	25	25	25	25	25	25	25	25	25	25	25	25
2010 US	WIN	SPP	-	10c1	Full-Responsibility Purchases	-	25	25	25	25	25	25	25	25	25	25	25	25	25
2010 US	WIN	SPP	-	10c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SPP	-	10d	Provisional – transactions under study, but negotiations have not begun	-	25	25	25	25	25	25	25	25	25	25	25	25	25
2010 US	WIN	SPP	-	11	CAPACITY TRANSACTIONS - EXPORTS	3,997	3,887	4,080	4,007	3,837	4,085	3,749	3,610	3,606	3,434	3,434	3,435	3,435	3,435
2010 US	WIN	SPP	-	11a	Firm (Note: The sum of 11a1 and 11a2 must be = 11a)	3,997	3,887	4,080	4,007	3,837	4,085	3,749	3,610	3,606	3,434	3,435	3,435	3,435	3,435
2010 US	WIN	SPP	-	11a1	Full-Responsibility Purchases	2,275	2,305	2,500	2,467	2,437	2,489	2,230	2,225	2,220	2,220	2,220	2,220	2,220	2,220
2010 US	WIN	SPP	-	11a2	Owned Capacity/Entitlement Located Outside the Region/S	66	66	66	66	66	266	266	266	266	266	266	266	266	266
2010 US	WIN	SPP	-	11b	Non-firm	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SPP	-	11c	Expected (Note: The sum of 11c1 and 11c2 must be = 11c)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SPP	-	11c1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SPP	-	11c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SPP	-	11d	Provisional – transactions under study, but negotiations have not begun	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SPP	-	12	EXISTING, CERTAIN CAPACITY & NET FIRM TRANSAC	62,548	65,325	65,575	65,700	65,872	64,833	65,195	65,116	65,097	65,249	65,249	65,249	65,249	65,242
2010 US	WIN	SPP	-	13	ANTICIPATED CAPACITY RESOURCES	-	65,393	66,466	67,145	67,597	67,314	68,008	69,052	69,413	69,779	70,104	70,104	70,104	70,104
2010 US	WIN	SPP	-	14	PROSPECTIVE CAPACITY RESOURCES	-	70,046	71,119	71,798	72,249	71,966	72,660	73,704	74,066	74,432	74,756	74,756	74,756	74,756
2010 US	WIN	SPP	-	15	TOTAL POTENTIAL CAPACITY RESOURCES	-	70,071	71,281	71,960	74,577	74,311	77,096	83,229	83,590	83,956	84,303	84,303	84,303	84,303
2010 US	WIN	SPP	-	15a	ADJUSTED POTENTIAL CAPACITY RESOURCES	-	70,071	71,164	71,843	72,620	72,339	73,347	75,154	75,516	75,881	76,210	76,210	76,210	76,210
2010 US	WIN	SPP	-	16a	Confidence of Future, Other (7b), using reasonable judgement	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SPP	-	16b	Net Future, Other Resources After Confidence Percentage Is Applied	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	SPP	-	16c	Confidence of Conceptual (8), using reasonable judgement	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010 US	WIN	SPP	-	16d	Net Conceptual Resources After Confidence Percentage Is Applied	-	21	21	21	345	348	662	1,425	1,425	1,425	1,425	1,425	1,428	1,428

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Table 5B.8. TRE Winter Historical and Projected Demand and Capacity, Data Year 2010 (Megawatts)

Data Year	Country	Season	Area	Subarea	Line#	DESCRIPTION	Actual		Projected									
							2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
2010	US	WIN	TRE	-	1	Unrestricted Non-coincident Peak Demand	57,315	51,770	51,602	53,867	55,662	57,079	59,562	60,310	61,369	63,351	64,182	
2010	US	WIN	TRE	-	1a	New Conservation (Energy Efficiency)	-	128	259	395	536	681	829	980	1,133	1,289	1,448	
2010	US	WIN	TRE	-	1b	Estimated Diversity	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	1c	Additions for non-member load (load served by non-registered LSE's in	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	1d	Stand-by Load Under Contract (Normally served by behind the meter ge	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	1e	Non-Controllable Demand-Side Demand Response	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	2	Total Internal Demand	57,315	51,642	51,343	53,472	55,126	56,398	58,733	59,330	60,236	62,062	62,734	
2010	US	WIN	TRE	-	2H1	Load Forecast Uncertainty (Extreme Demand Factor)	-	1	1	1	1	1	1	1	1	1	1	
2010	US	WIN	TRE	-	2H	Total Internal Demand	1	54,224	53,910	56,146	57,882	59,218	61,670	62,297	63,248	65,165	65,871	
2010	US	WIN	TRE	-	2a	Supply-Side Direct Control Load Management	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	2b	Supply-Side Contractually Interruptible (Curtable)	336	421	463	509	560	616	678	745	820	902	992	
2010	US	WIN	TRE	-	2c	Supply-Side Critical Peak-Pricing (CPP) with Control	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	2d	Supply-Side Load as a Capacity Resource	1,062	1,063	1,063	1,063	1,063	1,063	1,063	1,063	1,063	1,063	1,063	
2010	US	WIN	TRE	-	3	Net Internal Demand	55,917	50,158	49,817	51,900	53,503	54,719	56,992	57,522	58,353	60,097	60,679	
2010	US	WIN	TRE	-	4a	Demand Response used for Ancillary Services - Spinning F	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	4b	Demand Response used for Ancillary Services - Non-Spinn	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	4c	Demand Response used for Regulation	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	4d	Demand Response used for Energy, Voluntary Services - E	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	5	TOTAL INTERNAL CAPACITY	88,760	89,505	91,417	92,245	94,456	95,912	97,254	97,321	97,396	97,478	97,568	
2010	US	WIN	TRE	-	6	EXISTING CAPACITY	88,760	88,680	88,722	88,768	88,819	88,875	88,937	89,004	89,079	89,161	89,251	
2010	US	WIN	TRE	-	6a	Existing, Certain	76,953	76,150	76,150	76,150	76,150	76,150	76,150	76,150	76,150	76,150	76,150	
2010	US	WIN	TRE	-	6a1	Wind Expected On-Peak	820	820	820	820	820	820	820	820	820	820	820	
2010	US	WIN	TRE	-	6a2	Solar Expected On-Peak	-	15	15	15	15	15	15	15	15	15	15	
2010	US	WIN	TRE	-	6a3	Hydro Expected On-Peak	572	568	568	568	568	568	568	568	568	568	568	
2010	US	WIN	TRE	-	6a4	Biomass Expected On-Peak	88	92	92	92	92	92	92	92	92	92	92	
2010	US	WIN	TRE	-	6b	Existing, Other (Note: Enter the net expected value only)	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	6b1	Wind Derate On-Peak	8,609	8,607	8,607	8,607	8,607	8,607	8,607	8,607	8,607	8,607	8,607	
2010	US	WIN	TRE	-	6b2	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	6b3	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	6b4	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	6b5	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	6b6	All Other Derates	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	6b7	Energy Only (Existing-Other)	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	6c	Existing, Inoperable (Note: Capacity reported on this line is	4,782	2,438	2,438	2,438	2,438	2,438	2,438	2,438	2,438	2,438	2,438	
2010	US	WIN	TRE	-	6d	Total Supply-Side Demand Response	1,398	1,484	1,526	1,572	1,623	1,679	1,741	1,808	1,883	1,965	2,055	
2010	US	WIN	TRE	-	7	FUTURE CAPACITY ADDITIONS	-	825	2,008	2,104	4,264	5,664	6,944	6,944	6,944	6,944	6,944	
2010	US	WIN	TRE	-	7a	Future, Planned (Note: Enter the net expected value only)	-	825	2,008	2,104	4,264	5,664	6,944	6,944	6,944	6,944	6,944	
2010	US	WIN	TRE	-	7a1	Wind Expected On-Peak	-	-	65	131	131	131	131	131	131	131	131	
2010	US	WIN	TRE	-	7a2	Wind Derate On-Peak	-	-	687	1,373	1,373	1,373	1,373	1,373	1,373	1,373	1,373	
2010	US	WIN	TRE	-	7a3	Solar Expected On-Peak	-	-	60	90	90	90	90	90	90	90	90	
2010	US	WIN	TRE	-	7a4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	7a5	Hydro Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	7a6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	7a7	Biomass Expected On-Peak	-	-	100	100	100	100	100	100	100	100	100	
2010	US	WIN	TRE	-	7a8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	7a9	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	7a10	Scheduled Outage - Maintenance	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	7a11	All Other Derates	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	7a12	Energy Only	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	7b	Future, Other (Note: Enter the net expected value only)	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	7b1	Wind Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	7b2	Wind Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	7b3	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	7b4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	7b5	Hydro Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	7b6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	7b7	Biomass Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	TRE	-	7b8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	

TRE

2010 US	WIN	TRE	-	7b9	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	TRE	-	7b10	Scheduled Outage - Maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	TRE	-	7b11	All Other Derates	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	TRE	-	7b12	Energy Only	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	TRE	-	8	Conceptual (Note: Enter the net expected value only)	40	6,954	10,025	12,445	13,149	15,927	16,627	16,627	16,627	19,827	19,827	19,827	19,827	19,827
2010 US	WIN	TRE	-	8a1	Wind Expected On-Peak	40	1,018	2,276	2,646	2,750	2,790	2,790	2,790	2,790	2,790	2,790	2,790	2,790	2,790
2010 US	WIN	TRE	-	8a2	Wind Derate On-Peak	425	10,684	22,835	26,715	27,811	28,232	28,232	28,232	28,232	28,232	28,232	28,232	28,232	28,232
2010 US	WIN	TRE	-	8a3	Solar Expected On-Peak	-	515	749	749	749	787	787	787	787	787	787	787	787	787
2010 US	WIN	TRE	-	8a4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	TRE	-	8a5	Hydro Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	TRE	-	8a6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	TRE	-	8a7	Biomass Expected On-Peak	-	50	50	50	50	50	50	50	50	50	50	50	50	50
2010 US	WIN	TRE	-	8a8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	TRE	-	8a9	All Other Derates	-	-	0	0	0	0	0	0	0	0	0	0	0	0
2010 US	WIN	TRE	-	8a10	Energy Only	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	TRE	-	9	ANTICIPATED INTERNAL CAPACITY	78,351	78,459	79,685	79,826	82,037	83,493	84,835	84,902	84,977	85,059	85,149	85,149	85,149	85,149
2010 US	WIN	TRE	-	10	CAPACITY TRANSACTIONS - IMPORTS	707	598	598	598	598	598	598	598	598	598	598	598	598	598
2010 US	WIN	TRE	-	10a	Firm (Note: The sum of 10a1 and 10a2 must be = 10a)	707	598	598	598	598	598	598	598	598	598	598	598	598	598
2010 US	WIN	TRE	-	10a1	Full-Responsibility Purchases	48	48	48	48	48	48	48	48	48	48	48	48	48	48
2010 US	WIN	TRE	-	10a2	Owned Capacity/Entitlement Located Outside the Region/S	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	TRE	-	10b	Non-firm	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	TRE	-	10c	Expected (Note: The sum of 10c1 and 10c2 must be = 10c)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	TRE	-	10c1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	TRE	-	10c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	TRE	-	10d	Provisional – transactions under study, but negotiations have not begun	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	TRE	-	11	CAPACITY TRANSACTIONS - EXPORTS	78	317	317	317	317	317	317	317	317	317	317	317	317	317
2010 US	WIN	TRE	-	11a	Firm (Note: The sum of 11a1 and 11a2 must be = 11a)	-	317	317	317	317	317	317	317	317	317	317	317	317	317
2010 US	WIN	TRE	-	11a1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	TRE	-	11a2	Owned Capacity/Entitlement Located Outside the Region/S	-	317	317	317	317	317	317	317	317	317	317	317	317	317
2010 US	WIN	TRE	-	11b	Non-firm	78	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	TRE	-	11c	Expected (Note: The sum of 11c1 and 11c2 must be = 11c)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	TRE	-	11c1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	TRE	-	11c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	TRE	-	11d	Provisional – transactions under study, but negotiations have not begun	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	TRE	-	12	EXISTING, CERTAIN CAPACITY & NET FIRM TRANSAC	79,058	77,915	77,957	78,003	78,054	78,110	78,172	78,239	78,314	78,396	78,486	78,486	78,486	78,486
2010 US	WIN	TRE	-	13	ANTICIPATED CAPACITY RESOURCES	78,740	79,966	80,107	82,318	83,774	85,116	85,183	85,258	85,340	85,430	85,430	85,430	85,430	85,430
2010 US	WIN	TRE	-	14	PROSPECTIVE CAPACITY RESOURCES	78,740	79,966	80,107	82,318	83,774	85,116	85,183	85,258	85,340	85,430	85,430	85,430	85,430	85,430
2010 US	WIN	TRE	-	15	TOTAL POTENTIAL CAPACITY RESOURCES	78,781	86,920	90,132	94,763	96,923	101,044	101,811	101,886	101,886	105,168	105,258	105,258	105,258	105,258
2010 US	WIN	TRE	-	15a	ADJUSTED POTENTIAL CAPACITY RESOURCES	78,749	81,496	82,313	85,056	86,667	88,620	88,841	88,916	89,702	89,792	89,792	89,792	89,792	89,792
2010 US	WIN	TRE	-	16a	Confidence of Future, Other (7b), using reasonable judgement	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2010 US	WIN	TRE	-	16b	Net Future, Other Resources After Confidence Percentage Is Applied	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	TRE	-	16c	Confidence of Conceptual (8), using reasonable judgement	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010 US	WIN	TRE	-	16d	Net Conceptual Resources After Confidence Percentage Is Applied	9	1,530	2,205	2,738	2,893	3,504	3,658	3,658	4,362	4,362	4,362	4,362	4,362	4,362

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Table 5B.9. WECC Winter Historical and Projected Demand and Capacity, Data Year 2010
(Megawatts)

Data Year	Country	Season	Area	Subarea	Line#	DESCRIPTION	Actual		Projected									
							2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
2010	US	WIN	WECC	-	1	Unrestricted Coincident Peak Demand	101,668	105,138	106,929	109,275	111,552	113,490	114,890	116,950	118,954	121,625	123,861	
2010	US	WIN	WECC	-	1a	New Conservation (Energy Efficiency)	-	547	937	1,220	1,566	1,806	2,072	2,320	2,563	2,838	2,986	
2010	US	WIN	WECC	-	1b	Estimated Diversity	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	WECC	-	1c	Additions for non-member load (load served by non-registered LSE's in	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	WECC	-	1d	Stand-by Load Under Contract (Normally served by behind the meter ge	-	2,126	2,165	2,204	2,245	2,287	2,330	2,375	2,421	2,468	2,516	
2010	US	WIN	WECC	-	1e	Non-Controllable Demand-Side Demand Response	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	WECC	-	2	Total Internal Demand	101,668	106,717	108,157	110,259	112,231	113,971	115,148	117,005	118,812	121,255	123,391	
2010	US	WIN	WECC	-	2H1	Load Forecast Uncertainty (Extreme Demand Factor)	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	WECC	-	2H	Total Internal Demand	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	WECC	-	2a	Supply-Side Direct Control Load Management	622	157	193	327	409	412	412	412	412	412	412	
2010	US	WIN	WECC	-	2b	Supply-Side Contractually Interruptible (Curtable)	1,332	1,481	1,371	1,449	1,489	1,495	1,453	1,453	1,508	1,558	1,609	
2010	US	WIN	WECC	-	2c	Supply-Side Critical Peak-Pricing (CPP) with Control	-	2	5	10	12	14	15	16	17	17	18	
2010	US	WIN	WECC	-	2d	Supply-Side Load as a Capacity Resource	199	337	709	903	779	789	799	810	820	830	839	
2010	US	WIN	WECC	-	3	Net Internal Demand	99,515	104,740	105,879	107,570	109,542	111,261	112,469	114,314	116,055	118,438	120,513	
2010	US	WIN	WECC	-	4a	Demand Response used for Ancillary Services - Spinning F	-	367	370	378	383	387	392	397	402	407	412	
2010	US	WIN	WECC	-	4b	Demand Response used for Ancillary Services - Non-Spinn	-	616	403	407	413	417	422	427	432	437	442	
2010	US	WIN	WECC	-	4c	Demand Response used for Regulation	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	WECC	-	4d	Demand Response used for Energy, Voluntary Services - E	-	85	65	65	65	65	35	35	35	35	35	
2010	US	WIN	WECC	-	5	TOTAL INTERNAL CAPACITY	204,177	233,339	205,266	221,496	231,736	233,162	234,393	234,659	234,925	235,193	235,254	
2010	US	WIN	WECC	-	6	EXISTING CAPACITY	204,177	220,639	172,664	173,075	173,075	173,096	173,065	173,077	173,143	173,203	173,264	
2010	US	WIN	WECC	-	6a	Existing, Certain	156,413	158,436	158,436	158,436	158,436	158,436	158,436	158,436	158,436	158,436	158,436	
2010	US	WIN	WECC	-	6a1	Wind Expected On-Peak	1,189	1,598	-	-	-	-	-	-	-	-	-	
2010	US	WIN	WECC	-	6a2	Solar Expected On-Peak	89	19	-	-	-	-	-	-	-	-	-	
2010	US	WIN	WECC	-	6a3	Hydro Expected On-Peak	28,207	29,619	-	-	-	-	-	-	-	-	-	
2010	US	WIN	WECC	-	6a4	Biomass Expected On-Peak	712	841	-	-	-	-	-	-	-	-	-	
2010	US	WIN	WECC	-	6b	Existing, Other (Note: Enter the net expected value only)	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	WECC	-	6b1	Wind Derate On-Peak	10,456	10,104	-	-	-	-	-	-	-	-	-	
2010	US	WIN	WECC	-	6b2	Solar Derate On-Peak	572	642	-	-	-	-	-	-	-	-	-	
2010	US	WIN	WECC	-	6b3	Hydro Derate On-Peak	26,842	25,430	-	-	-	-	-	-	-	-	-	
2010	US	WIN	WECC	-	6b4	Biomass Derate On-Peak	309	198	-	-	-	-	-	-	-	-	-	
2010	US	WIN	WECC	-	6b5	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	WECC	-	6b6	All Other Derates	7,433	11,902	-	-	-	-	-	-	-	-	-	
2010	US	WIN	WECC	-	6b7	Energy Only (Existing-Other)	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	WECC	-	6c	Existing, Inoperable (Note: Capacity reported on this line is	-	11,950	11,950	11,950	11,950	11,950	11,950	11,950	11,950	11,950	11,950	
2010	US	WIN	WECC	-	6d	Total Supply-Side Demand Response	2,153	1,977	2,278	2,689	2,689	2,710	2,679	2,691	2,757	2,817	2,878	
2010	US	WIN	WECC	-	7	FUTURE CAPACITY ADDITIONS	-	3,736	10,826	14,610	18,100	18,468	19,509	19,886	20,123	20,320	19,956	
2010	US	WIN	WECC	-	7a	Future, Planned (Note: Enter the net expected value only)	-	3,736	10,826	14,610	18,100	18,468	19,509	19,886	20,123	20,320	19,956	
2010	US	WIN	WECC	-	7a1	Wind Expected On-Peak	-	1,043	1,691	3,103	4,391	4,271	4,554	4,877	5,084	5,286	4,932	
2010	US	WIN	WECC	-	7a2	Wind Derate On-Peak	-	4,692	8,695	10,755	12,987	13,107	12,974	12,905	12,898	12,904	13,258	
2010	US	WIN	WECC	-	7a3	Solar Expected On-Peak	-	57	76	76	76	76	76	76	76	76	76	
2010	US	WIN	WECC	-	7a4	Solar Derate On-Peak	-	4,192	12,280	22,216	26,665	27,605	27,905	27,905	27,905	27,905	27,905	
2010	US	WIN	WECC	-	7a5	Hydro Expected On-Peak	-	14	227	282	299	300	288	300	310	310	315	
2010	US	WIN	WECC	-	7a6	Hydro Derate On-Peak	-	78	453	527	570	569	581	569	559	559	554	
2010	US	WIN	WECC	-	7a7	Biomass Expected On-Peak	-	68	79	161	135	157	115	157	177	172	157	
2010	US	WIN	WECC	-	7a8	Biomass Derate On-Peak	-	2	348	313	339	317	359	317	297	302	317	
2010	US	WIN	WECC	-	7a9	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	WECC	-	7a10	Scheduled Outage - Maintenance	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	WECC	-	7a11	All Other Derates	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	WECC	-	7a12	Energy Only	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	WECC	-	7b	Future, Other (Note: Enter the net expected value only)	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	WECC	-	7b1	Wind Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	WECC	-	7b2	Wind Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	WECC	-	7b3	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	WECC	-	7b4	Solar Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	WECC	-	7b5	Hydro Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	WECC	-	7b6	Hydro Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	WECC	-	7b7	Biomass Expected On-Peak	-	-	-	-	-	-	-	-	-	-	-	
2010	US	WIN	WECC	-	7b8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	-	

WECC

2010 US	WIN	WECC	-	7b9	Transmission-Limited Resources	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	WECC	-	7b10	Scheduled Outage - Maintenance	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	WECC	-	7b11	All Other Derates	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	WECC	-	7b12	Energy Only	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	WECC	-	8	Conceptual (Note: Enter the net expected value only)	269	746	1,457	2,353	3,477	4,591	4,941	6,083	6,264	8,640	
2010 US	WIN	WECC	-	8a1	Wind Expected On-Peak	233	430	436	436	584	899	678	683	752	2,213	
2010 US	WIN	WECC	-	8a2	Wind Derate On-Peak	626	1,035	1,381	1,432	2,216	2,952	4,024	5,750	6,232	5,122	
2010 US	WIN	WECC	-	8a3	Solar Expected On-Peak	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	WECC	-	8a4	Solar Derate On-Peak	2	68	763	1,514	1,724	1,724	1,744	1,781	1,781	1,781	
2010 US	WIN	WECC	-	8a5	Hydro Expected On-Peak	-	-	-	-	63	63	63	63	63	63	
2010 US	WIN	WECC	-	8a6	Hydro Derate On-Peak	-	-	-	-	16	16	16	16	16	16	
2010 US	WIN	WECC	-	8a7	Biomass Expected On-Peak	-	-	-	8	8	8	8	8	8	8	
2010 US	WIN	WECC	-	8a8	Biomass Derate On-Peak	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	WECC	-	8a9	All Other Derates	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	WECC	-	8a10	Energy Only	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	WECC	-	9	ANTICIPATED INTERNAL CAPACITY	158,566	164,149	171,540	175,735	179,225	179,614	180,624	181,013	181,316	181,573	181,270
2010 US	WIN	WECC	-	10	CAPACITY TRANSACTIONS - IMPORTS	1	19	200	152	157	186	225	27	165	210	115
2010 US	WIN	WECC	-	10a	Firm (Note: The sum of 10a1 and 10a2 must be = 10a)	-	19	200	120	36	186	-	27	-	49	-
2010 US	WIN	WECC	-	10a1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	WECC	-	10a2	Owned Capacity/Entitlement Located Outside the Region/Subregion	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	WECC	-	10b	Non-firm	-	-	-	-	-	-	-	-	-	-	-
2010 US	WIN	WECC	-	10c	Expected (Note: The sum of 10c1 and 10c2 must be = 10c)	-	-	32	120	-	-	-	54	161	115	
2010 US	WIN	WECC	-	10c1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	WECC	-	10c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	WECC	-	10d	Provisional – transactions under study, but negotiations have not begun	-	-	-	1	-	225	-	111	-	-	
2010 US	WIN	WECC	-	11	CAPACITY TRANSACTIONS - EXPORTS	1,200	608	646	600	885	978	1,278	1,104	863	773	893
2010 US	WIN	WECC	-	11a	Firm (Note: The sum of 11a1 and 11a2 must be = 11a)	-	608	646	600	885	978	1,278	1,104	863	713	893
2010 US	WIN	WECC	-	11a1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	WECC	-	11a2	Owned Capacity/Entitlement Located Outside the Region/Subregion	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	WECC	-	11b	Non-firm	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	WECC	-	11c	Expected (Note: The sum of 11c1 and 11c2 must be = 11c)	-	-	-	-	-	-	-	-	60	-	
2010 US	WIN	WECC	-	11c1	Full-Responsibility Purchases	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	WECC	-	11c2	Owned Capacity/Entitlement Located Outside the Region/Subregion	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	WECC	-	11d	Provisional – transactions under study, but negotiations have not begun	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	WECC	-	12	EXISTING, CERTAIN CAPACITY & NET FIRM TRANSAC	158,566	159,824	160,268	160,645	160,276	160,354	159,837	160,050	160,330	160,589	160,421
2010 US	WIN	WECC	-	13	ANTICIPATED CAPACITY RESOURCES	-	163,560	171,094	175,287	178,496	178,822	179,346	179,936	180,507	181,010	180,492
2010 US	WIN	WECC	-	14	PROSPECTIVE CAPACITY RESOURCES	-	163,560	171,094	175,287	178,496	178,822	179,346	179,936	180,507	181,010	180,492
2010 US	WIN	WECC	-	15	TOTAL POTENTIAL CAPACITY RESOURCES	-	163,829	171,840	176,744	180,850	182,299	184,162	184,877	186,701	187,274	189,132
2010 US	WIN	WECC	-	15a	ADJUSTED POTENTIAL CAPACITY RESOURCES	-	163,829	171,840	176,744	180,850	182,299	184,162	184,877	186,701	187,274	189,132
2010 US	WIN	WECC	-	16a	Confidence of Future, Other (7b), using reasonable judgement	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	WECC	-	16b	Net Future, Other Resources After Confidence Percentage Is Applied	-	-	-	-	-	-	-	-	-	-	
2010 US	WIN	WECC	-	16c	Confidence of Conceptual (8), using reasonable judgement	1	1	1	1	1	1	1	1	1	1	
2010 US	WIN	WECC	-	16d	Net Conceptual Resources After Confidence Percentage Is Applied	269	746	1,457	2,353	3,477	4,591	4,941	6,083	6,264	8,640	

Foonotes and Source

Notes: • NERC region and reliability assessment area maps are provided on EIA's Electricity Reliability web page:

<http://www.eia.gov/cneaf/electricity/page/eia411/eia411.html>

- Projected data are updated annually.
- Peak load represents an hour of a day during the associated peak period.
- The Summer peak period begins on June 1 and extends through September 30. • The Winter peka period begins October 1 and extends through May 31.
- Historically the MRO, RFC, SERC, and SPP regional boundaries were altered as utilities changed reliability organizations. The historical data series for these regions have not been adjusted. Instead, the Balance of Eastern Region category was introduced to to provide a consistent trend of the Eastern interconnection.
- ECAR, MAAC, and MAIN dissolved at the end-of-2005. Many of the former utility members joined RFC. ReliabilityFirst Corporation (RFC) came into existence on January 1, 2006. RFC submitted a consolidated filing covering the historical NERC regions of ECAR, MAAC, and MAIN.
- E - Estimate; NA - Not Available

Source: U.S. Energy Information Administration, Form EIA-411, "Coordinated Bulk Power Supply and Demand Program Report."