

eGRID2006 Version 2.1 (April 2007)

Year 2004 Summary Tables

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Year 2004 State Emissions

(Source: eGRID2006 Version 2.1, April 2007)

State	Carbon dioxide (CO ₂)		Sulfur dioxide (SO ₂)		Nitrogen oxides (NO _x)				Mercury (Hg)	
	Emissions (tons)	Output emission rate (lb/MWh)	Emissions (tons)	Output emission rate (lb/MWh)	Emissions (tons)	Output emission rate (lb/MWh)	Ozone season emissions (tons)	Ozone season output emission rate (lb/MWh)	Emissions (lbs)	Output emission rate (lb/GWh)
AK	3,610,850	1,106	3,925	1.203	12,006	3.679	5,223	3.980	9.08	0.0014
AL	89,170,715	1,299	423,774	6.172	144,028	2.098	55,308	1.775	5,138.02	0.0374
AR	33,174,715	1,280	87,555	3.379	44,717	1.726	20,883	1.781	1,095.99	0.0211
AZ	60,271,433	1,219	60,941	1.232	87,534	1.770	39,459	1.713	1,416.42	0.0143
CA	67,521,916	700	12,369	0.128	32,972	0.342	14,306	0.321	244.97	0.0013
CO	47,532,473	1,986	64,095	2.678	71,851	3.002	30,248	2.955	516.99	0.0108
CT	12,279,200	754	8,120	0.499	11,771	0.723	4,784	0.656	369.54	0.0113
DC	65,937	3,614	173	9.500	92	5.046	41	5.104	N/A	N/A
DE	6,766,288	1,804	36,964	9.854	11,338	3.022	4,059	2.652	344.61	0.0459
FL	145,001,520	1,348	427,255	3.972	250,880	2.332	117,107	2.295	2,240.47	0.0104
GA	87,968,286	1,388	577,234	9.110	108,055	1.705	33,861	1.163	3,405.56	0.0269
HI	9,443,135	1,655	23,913	4.190	21,439	3.757	9,443	3.829	133.09	0.0117
IA	42,013,951	1,943	139,452	6.450	82,069	3.796	33,280	3.711	2,256.73	0.0522
ID	772,582	144	999	0.186	795	0.148	309	0.106	N/A	N/A
IL	110,778,055	1,155	379,355	3.954	147,827	1.541	39,112	0.944	7,944.16	0.0414
IN	133,604,381	2,098	869,726	13.658	230,114	3.614	69,114	2.577	5,067.24	0.0398
KS	43,753,706	1,871	123,936	5.299	93,410	3.994	39,342	3.872	1,042.62	0.0223
KY	96,943,071	2,051	516,430	10.926	166,079	3.514	41,083	2.042	3,587.02	0.0379
LA	55,070,532	1,201	121,252	2.645	76,334	1.665	36,288	1.738	1,125.20	0.0123
MA	28,747,714	1,226	82,207	3.506	30,861	1.316	10,997	1.145	659.00	0.0141
MD	33,653,280	1,293	287,193	11.035	64,417	2.475	20,455	1.825	2,111.54	0.0406
ME	7,279,799	772	8,316	0.882	9,072	0.962	3,134	0.843	42.94	0.0023
MI	83,611,983	1,413	350,977	5.930	128,769	2.176	47,789	1.902	3,253.89	0.0275
MN	41,578,073	1,588	109,047	4.164	90,409	3.452	37,264	3.414	1,487.44	0.0284
MO	82,049,736	1,881	288,669	6.619	128,865	2.955	43,345	2.302	3,388.91	0.0389
MS	28,416,834	1,409	88,607	4.393	50,860	2.522	22,490	2.305	488.34	0.0121
MT	21,058,639	1,573	23,023	1.720	38,108	2.846	14,209	2.491	83.51	0.0031
NC	76,835,963	1,218	481,150	7.626	126,407	2.004	38,236	1.402	3,346.07	0.0265
ND	37,395,379	2,386	150,272	9.589	78,304	4.997	31,713	4.880	2,443.22	0.0780
NE	24,055,889	1,503	77,647	4.852	49,065	3.066	19,060	2.851	936.06	0.0292
NH	9,309,461	779	57,346	4.800	11,737	0.982	4,408	0.892	57.89	0.0024
NJ	19,844,217	713	53,926	1.937	27,815	0.999	10,473	0.804	630.16	0.0113
NM	32,808,310	1,992	38,454	2.335	74,901	4.548	33,660	4.530	2,268.79	0.0689
NV	29,530,258	1,573	54,662	2.911	47,201	2.514	21,445	2.452	348.18	0.0093
NY	62,338,427	907	238,894	3.476	72,764	1.059	29,265	0.967	1,553.02	0.0113
OH	131,711,020	1,779	1,116,846	15.085	273,158	3.689	67,435	2.114	7,490.48	0.0506
OK	52,334,635	1,726	105,405	3.476	83,122	2.741	37,215	2.556	2,800.52	0.0462
OR	11,742,575	456	13,848	0.538	13,593	0.528	4,126	0.423	169.74	0.0033
PA	130,537,293	1,216	1,009,188	9.403	202,820	1.890	55,415	1.206	10,921.58	0.0509
RI	2,590,683	1,071	181	0.075	780	0.322	346	0.298	N/A	N/A
SC	44,750,212	915	228,082	4.663	69,397	1.419	24,708	1.152	1,248.16	0.0128
SD	4,563,840	1,215	15,015	3.999	17,924	4.773	6,835	3.814	116.52	0.0155
TN	61,767,470	1,266	310,758	6.369	113,241	2.321	27,932	1.342	2,332.35	0.0239
TX	280,096,255	1,472	596,661	3.135	216,984	1.140	97,706	1.098	10,792.13	0.0284
UT	40,520,255	2,121	36,666	1.919	73,083	3.825	31,901	3.809	288.12	0.0075
VA	46,229,502	1,211	221,790	5.808	75,903	1.988	26,169	1.566	1,214.87	0.0159
VT	18,978	7	71	0.026	580	0.212	218	0.194	N/A	N/A
WA	18,275,216	360	8,203	0.162	22,501	0.443	8,529	0.397	661.05	0.0065
WI	51,852,709	1,713	195,177	6.448	81,522	2.693	32,625	2.572	2,324.76	0.0384
WV	89,482,632	1,988	481,283	10.693	176,426	3.920	39,991	2.105	4,817.98	0.0535
WY	51,023,824	2,278	88,411	3.946	94,580	4.222	39,205	4.275	1,825.69	0.0407
U.S.	2,681,753,803	1,363	10,695,446	5.436	4,138,481	2.103	1,481,550	1.704	106,040.62	0.0269

Year 2004 State Resource Mix

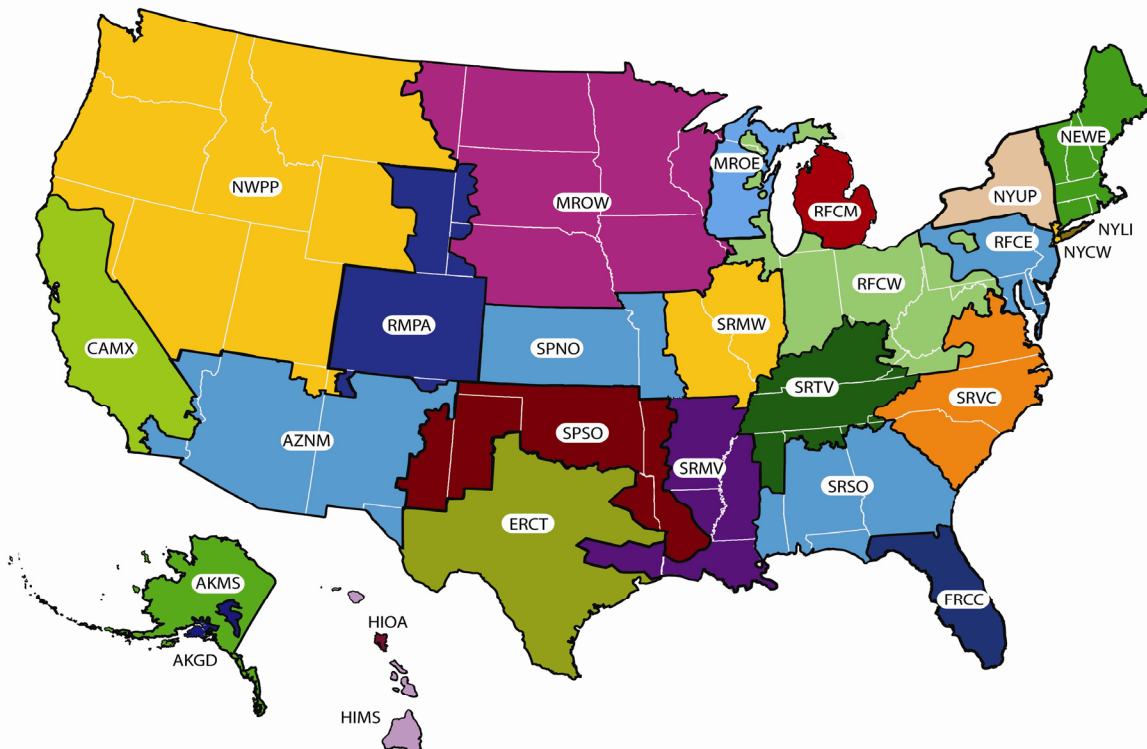
(Source: eGRID2006 Version 2.1, April 2007)

State	Nameplate capacity (MW)	Net generation (MWh)	Generation resource mix (percent)									
			Coal	Oil	Gas	Other fossil	Biomass	Hydro	Nuclear	Wind	Solar	Geo-thermal
AK	2,063	6,526,711	9.9	11.5	55.5	0.0	0.1	23.0	0.0	0.00	0.000	0.0
AL	33,295	137,328,137	54.4	0.2	11.6	0.1	2.8	7.7	23.0	0.00	0.000	0.0
AR	13,863	51,825,221	48.9	0.9	9.6	0.0	3.7	7.1	29.8	0.00	0.000	0.0
AZ	28,263	98,897,707	40.3	0.0	24.2	0.0	0.0	7.0	28.4	0.00	0.004	0.0
CA	64,910	192,809,576	1.2	1.2	51.7	1.0	3.1	17.3	15.7	2.22	0.296	6.2
CO	12,549	47,865,491	74.9	0.0	22.4	0.0	0.1	2.1	0.0	0.46	0.000	0.0
CT	8,454	32,562,800	13.1	5.1	24.9	1.7	2.9	1.4	50.8	0.00	0.000	0.0
DC	868	36,487	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.0
DE	3,610	7,502,542	63.3	9.6	22.2	4.8	0.0	0.0	0.0	0.00	0.000	0.0
FL	59,182	215,130,784	28.8	17.3	35.6	0.3	2.4	0.1	14.5	0.00	0.000	0.0
GA	38,487	126,725,244	63.1	0.7	4.8	0.0	2.5	2.2	26.6	0.00	0.000	0.0
HI	2,624	11,413,465	14.1	77.3	1.1	1.4	3.3	0.8	0.0	0.07	0.000	1.9
IA	11,643	43,240,158	81.6	0.3	1.9	0.0	0.3	2.2	11.4	2.41	0.000	0.0
ID	3,298	10,734,407	0.9	0.0	15.9	0.0	5.3	77.6	0.0	0.00	0.000	0.0
IL	51,438	191,864,321	49.2	0.4	1.8	0.2	0.3	0.1	48.0	0.04	0.000	0.0
IN	29,172	127,361,875	94.7	0.3	1.7	2.5	0.1	0.3	0.0	0.00	0.000	0.0
KS	11,731	46,780,900	73.9	1.8	1.8	0.0	0.0	0.0	21.7	0.76	0.000	0.0
KY	22,951	94,529,947	91.1	3.8	0.6	0.0	0.4	4.0	0.0	0.00	0.000	0.0
LA	28,391	91,692,052	25.8	4.5	44.3	1.6	3.3	1.2	18.6	0.00	0.000	0.0
MA	16,317	46,891,121	22.4	16.0	43.7	1.1	3.2	0.9	12.7	0.00	0.000	0.0
MD	13,380	52,052,768	56.1	6.3	2.3	1.2	1.3	4.8	28.0	0.00	0.000	0.0
ME	4,383	18,863,662	1.9	6.8	52.1	1.4	20.3	17.6	0.0	0.00	0.000	0.0
MI	33,323	118,374,150	58.0	0.8	12.7	0.2	2.2	0.4	25.8	0.00	0.000	0.0
MN	12,411	52,381,244	64.9	1.5	2.8	0.3	2.2	1.4	25.4	1.51	0.000	0.0
MO	20,612	87,222,401	86.0	0.2	3.3	0.1	0.0	1.4	9.0	0.00	0.000	0.0
MS	15,879	40,336,807	42.4	7.8	20.5	0.1	3.9	0.0	25.4	0.00	0.000	0.0
MT	5,214	26,776,348	65.0	1.6	0.1	0.1	0.2	33.1	0.0	0.00	0.000	0.0
NC	29,084	126,186,277	59.8	0.5	2.0	0.1	1.4	4.4	31.8	0.00	0.000	0.0
ND	5,021	31,341,612	94.0	0.1	0.0	0.2	0.0	4.9	0.0	0.68	0.000	0.0
NE	7,126	32,008,704	63.9	0.1	0.9	0.0	0.1	2.9	32.0	0.12	0.000	0.0
NH	4,543	23,892,859	17.1	8.1	22.6	0.2	3.9	5.5	42.6	0.00	0.000	0.0
NJ	21,680	55,680,410	18.4	2.5	28.4	0.7	1.6	0.0	48.4	0.00	0.000	0.0
NM	6,796	32,940,360	88.8	0.1	9.1	0.0	0.0	0.4	0.0	1.56	0.000	0.0
NV	9,812	37,553,015	48.6	0.3	43.6	0.0	0.0	4.3	0.0	0.00	0.000	3.2
NY	41,284	137,436,647	16.6	15.4	19.6	0.4	1.5	16.9	29.6	0.07	0.000	0.0
OH	37,004	148,075,516	86.6	0.9	0.9	0.2	0.3	0.3	10.8	0.00	0.000	0.0
OK	21,127	60,641,220	55.7	0.1	38.3	0.0	0.4	4.5	0.0	0.94	0.000	0.0
OR	12,548	51,526,306	6.9	0.1	26.2	0.1	1.4	64.1	0.0	1.20	0.000	0.0
PA	50,064	214,662,230	54.6	1.9	4.6	0.5	1.0	1.1	36.1	0.14	0.000	0.0
RI	1,997	4,837,893	0.0	1.0	98.9	0.0	0.0	0.1	0.0	0.00	0.000	0.0
SC	24,091	97,834,338	39.8	0.9	3.9	0.1	1.7	1.3	52.3	0.00	0.000	0.0
SD	2,826	7,510,214	48.2	0.3	1.5	0.0	0.0	47.9	0.0	2.10	0.000	0.0
TN	22,753	97,578,245	59.8	0.2	0.3	0.0	0.6	9.8	29.3	0.00	0.000	0.0
TX	107,170	380,659,334	38.5	0.6	47.3	1.2	0.3	0.3	10.6	0.82	0.000	0.0
UT	6,496	38,211,975	95.8	0.1	2.4	0.0	0.0	1.2	0.0	0.00	0.000	0.5
VA	24,487	76,378,503	46.3	5.1	7.1	0.4	3.4	0.5	37.1	0.00	0.000	0.0
VT	1,087	5,470,376	0.0	0.3	0.1	0.0	7.2	21.7	70.5	0.21	0.000	0.0
WA	27,420	101,547,794	10.3	0.1	8.3	0.3	1.6	70.5	8.8	0.15	0.000	0.0
WI	16,133	60,543,245	69.6	1.2	4.0	0.1	1.9	3.3	19.6	0.17	0.000	0.0
WV	17,269	90,021,580	97.3	0.3	0.3	0.2	0.0	1.8	0.0	0.18	0.000	0.0
WY	6,872	44,806,793	96.7	0.1	0.2	0.0	0.0	1.3	0.0	1.38	0.000	0.0
U.S.	1,052,996	3,935,071,766	50.2	3.0	17.4	0.5	1.4	6.6	20.0	0.34	0.015	0.3

Year 2004 eGRID Subregion Emissions

(Source: eGRID2006 Version 2.1, April 2007)

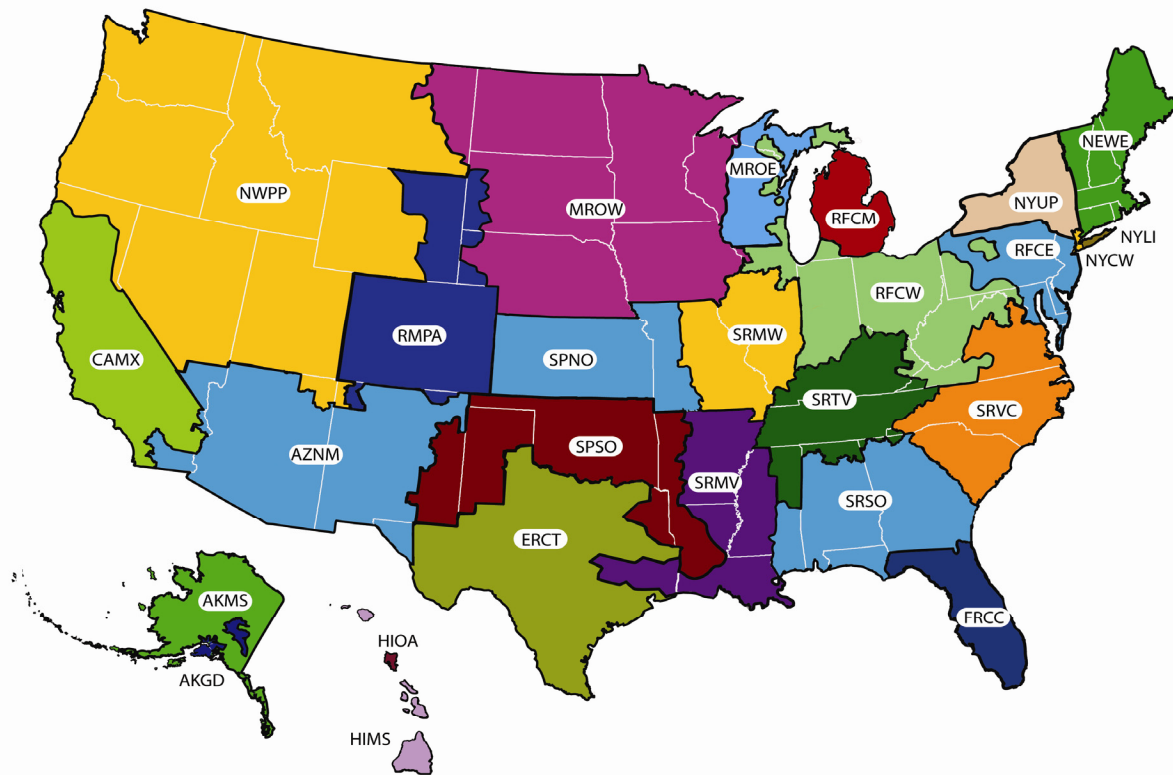
eGRID subregion acronym	eGRID subregion name	Carbon dioxide (CO ₂)		Sulfur dioxide (SO ₂)		Nitrogen oxides (NO _x)				Mercury (Hg)	
		Emissions (tons)	Output emission rate (lb/MWh)	Emissions (tons)	Output emission rate (lb/MWh)	Emissions (tons)	Output emission rate (lb/MWh)	Ozone season emissions (tons)	Ozone season output emission rate (lb/MWh)	Emissions (lbs)	Output emission rate (lb/GWh)
AKGD	ASCC Alaska Grid	3,307,005	1,257	3,497	1.329	7,872	2.993	3,265	3.138	9.08	0.0017
AKMS	ASCC Miscellaneous	303,844	480	428	0.677	4,134	6.532	1,958	7.210	N/A	N/A
AZNM	WECC Southwest	83,237,345	1,254	95,846	1.444	138,246	2.083	62,742	2.007	3,366.15	0.0254
CAMX	WECC California	93,924,761	879	59,781	0.559	81,099	0.759	35,468	0.722	494.76	0.0023
ERCT	ERCOT All	217,692,276	1,421	486,348	3.174	150,320	0.981	68,132	0.950	8,918.75	0.0291
FRCC	FRCC All	134,081,883	1,328	365,544	3.620	229,195	2.269	107,760	2.240	1,842.27	0.0091
HIMS	HICC Miscellaneous	2,242,390	1,456	9,228	5.992	10,770	6.994	4,778	7.232	N/A	N/A
HIOA	HICC Oahu	7,200,745	1,728	14,685	3.524	10,669	2.561	4,665	2.583	133.09	0.0160
MROE	MRO East	27,352,133	1,859	110,360	7.500	47,883	3.254	19,318	3.015	902.88	0.0307
MROW	MRO West	160,970,728	1,814	521,538	5.877	338,443	3.814	136,490	3.675	7,681.22	0.0433
NEWE	NPCC New England	60,225,835	909	156,241	2.358	64,801	0.978	23,887	0.858	1,129.37	0.0085
NWPP	WECC Northwest	115,244,347	921	158,302	1.265	203,398	1.626	81,811	1.564	2,427.60	0.0097
NYCW	NPCC NYC/Westchester	15,433,603	922	11,798	0.705	14,999	0.896	6,814	0.860	216.84	0.0065
NYLI	NPCC Long Island	10,112,144	1,412	38,451	5.370	13,113	1.831	5,167	1.569	81.19	0.0057
NYUP	NPCC Upstate NY	36,854,854	820	188,646	4.196	44,744	0.995	17,324	0.907	1,254.99	0.0140
RFCE	RFC East	150,046,502	1,096	1,100,532	8.035	233,832	1.707	74,381	1.237	11,323.74	0.0413
RFCM	RFC Michigan	78,608,383	1,641	326,828	6.824	117,421	2.452	42,871	2.136	3,155.04	0.0329
RFCW	RFC West	464,982,319	1,556	3,046,935	10.199	848,629	2.841	228,255	1.796	26,086.72	0.0437
RMPA	WECC Rockies	83,206,519	2,036	83,106	2.033	127,634	3.123	54,321	3.103	1,331.91	0.0163
SPNO	SPP North	65,563,407	1,971	201,581	6.061	132,464	3.983	55,351	3.807	1,815.17	0.0273
SPSO	SPP South	121,318,039	1,761	271,949	3.948	175,728	2.551	78,360	2.421	5,336.48	0.0387
SRMV	SERC Mississippi Valley	91,271,649	1,135	184,090	2.290	117,444	1.461	55,495	1.505	1,772.28	0.0110
SRMW	SERC Midwest	124,972,368	1,844	471,277	6.955	171,366	2.529	44,708	1.538	5,516.32	0.0407
SRSO	SERC South	187,745,174	1,490	1,064,642	8.451	273,243	2.169	101,321	1.750	8,781.34	0.0349
SRTV	SERC Tennessee Valley	172,431,724	1,495	833,388	7.225	298,834	2.591	78,728	1.585	5,843.69	0.0253
SRVC	SERC Virginia/Carolina	173,423,825	1,146	890,426	5.886	282,201	1.865	88,177	1.333	6,619.73	0.0219
U.S.		2,681,753,803	1,363	10,695,446	5.436	4,138,481	2.103	1,481,550	1.704	106,040.62	0.0269



Year 2004 eGRID Subregion Resource Mix

(Source: eGRID2006 Version 2.1, April 2007)

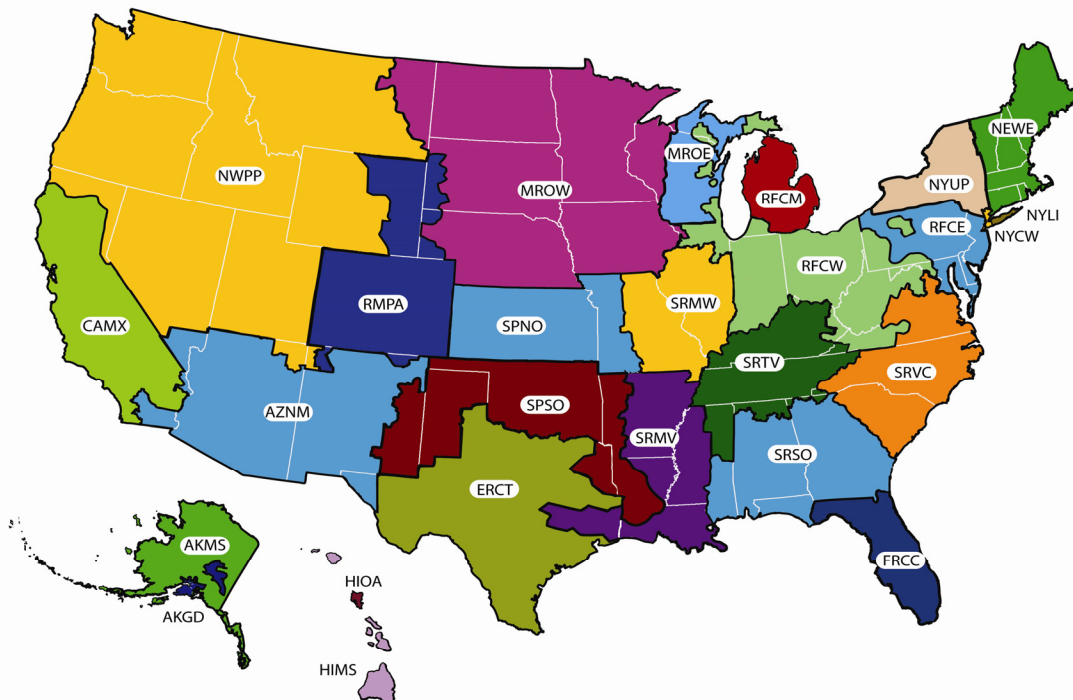
eGRID subregion acronym	eGRID subregion name	Nameplate capacity (MW)	Net generation (MWh)	Generation resource mix (percent)									
				Coal	Oil	Gas	Other fossil	Biomass	Hydro	Nuclear	Wind	Solar	Geo-thermal
AKGD	ASCC Alaska Grid	1,428	5,260,954	12.3	7.3	68.0	0.0	0.0	12.4	0.0	0.00	0.000	0.0
AKMS	ASCC Miscellaneous	635	1,265,757	0.0	28.8	3.6	0.0	0.7	66.9	0.0	0.00	0.000	0.0
AZNM	WECC Southwest	37,712	132,753,033	40.4	0.0	31.5	0.0	0.0	4.5	21.2	0.39	0.003	2.0
CAMX	WECC California	67,188	213,779,426	12.6	1.1	46.4	0.9	2.8	15.1	14.2	2.01	0.267	4.7
ERCT	ERCOT All	88,542	306,488,130	37.7	0.5	45.9	1.3	0.1	0.3	13.2	0.94	0.000	0.0
FRCC	FRCC All	56,126	201,982,118	26.4	18.3	36.5	0.3	2.0	0.0	15.5	0.00	0.000	0.0
HIMS	HICC Miscellaneous	841	3,079,854	3.6	77.2	4.1	0.0	4.9	3.0	0.0	0.24	0.000	6.9
HIOA	HICC Oahu	1,784	8,333,611	18.0	77.4	0.0	1.9	2.7	0.0	0.0	0.00	0.000	0.0
MROE	MRO East	7,646	29,431,172	71.3	2.4	5.2	0.1	3.7	3.9	13.2	0.14	0.000	0.0
MROW	MRO West	42,534	177,494,568	74.6	0.6	1.8	0.1	0.8	4.7	16.0	1.26	0.000	0.0
NEWE	NPCC New England	36,783	132,524,397	14.5	9.4	36.7	1.0	5.7	5.1	27.6	0.01	0.000	0.0
NWPP	WECC Northwest	59,994	250,231,026	34.4	0.3	10.6	0.1	1.2	49.0	3.6	0.49	0.000	0.3
NYCW	NPCC NYC/Westchester	11,749	33,470,521	0.0	20.4	29.8	0.3	0.8	0.0	48.6	0.00	0.000	0.0
NYLI	NPCC Long Island	5,505	14,321,157	0.0	58.2	35.5	1.8	4.5	0.0	0.0	0.00	0.000	0.0
NYUP	NPCC Upstate NY	24,158	89,924,573	25.4	6.6	13.2	0.3	1.3	26.0	27.1	0.11	0.000	0.0
RFCE	RFC East	76,512	273,924,233	44.9	3.5	9.6	0.7	1.3	1.6	38.4	0.10	0.000	0.0
RFCM	RFC Michigan	29,765	95,781,410	67.0	0.9	15.5	0.3	2.0	0.0	14.3	0.00	0.000	0.0
RFCW	RFC West	144,922	597,514,474	72.8	0.5	1.5	0.7	0.3	0.7	23.2	0.06	0.000	0.0
RMPA	WECC Rockies	18,408	81,742,789	80.6	0.0	13.5	0.0	0.0	5.3	0.0	0.46	0.000	0.0
SPNO	SPP North	18,363	66,514,000	78.1	1.3	4.6	0.1	0.0	0.1	15.2	0.54	0.000	0.0
SPSO	SPP South	41,190	137,772,165	58.8	0.2	34.1	0.3	1.7	4.2	0.0	0.61	0.000	0.0
SRMV	SERC Mississippi Valley	48,864	160,765,506	23.4	5.0	39.3	1.1	2.4	1.6	26.6	0.00	0.000	0.0
SRMW	SERC Midwest	31,186	135,519,573	84.7	0.3	2.0	0.1	0.1	1.2	11.7	0.00	0.000	0.0
SRSO	SERC South	68,200	251,944,380	64.0	0.6	10.1	0.1	3.5	3.1	18.6	0.00	0.000	0.0
SRTV	SERC Tennessee Valley	57,181	230,695,467	65.8	1.7	2.4	0.0	0.9	8.8	20.4	0.00	0.000	0.0
SRVC	SERC Virginia/Carolina	75,784	302,557,474	51.0	1.7	3.8	0.2	2.0	1.7	39.5	0.00	0.000	0.0
U.S.		1,052,996	3,935,071,766	50.2	3.0	17.4	0.5	1.4	6.6	20.0	0.34	0.015	0.3



Year 2004 eGRID Subregion Emission Rates

(Source: eGRID2006 Version 2.1, April 2007)

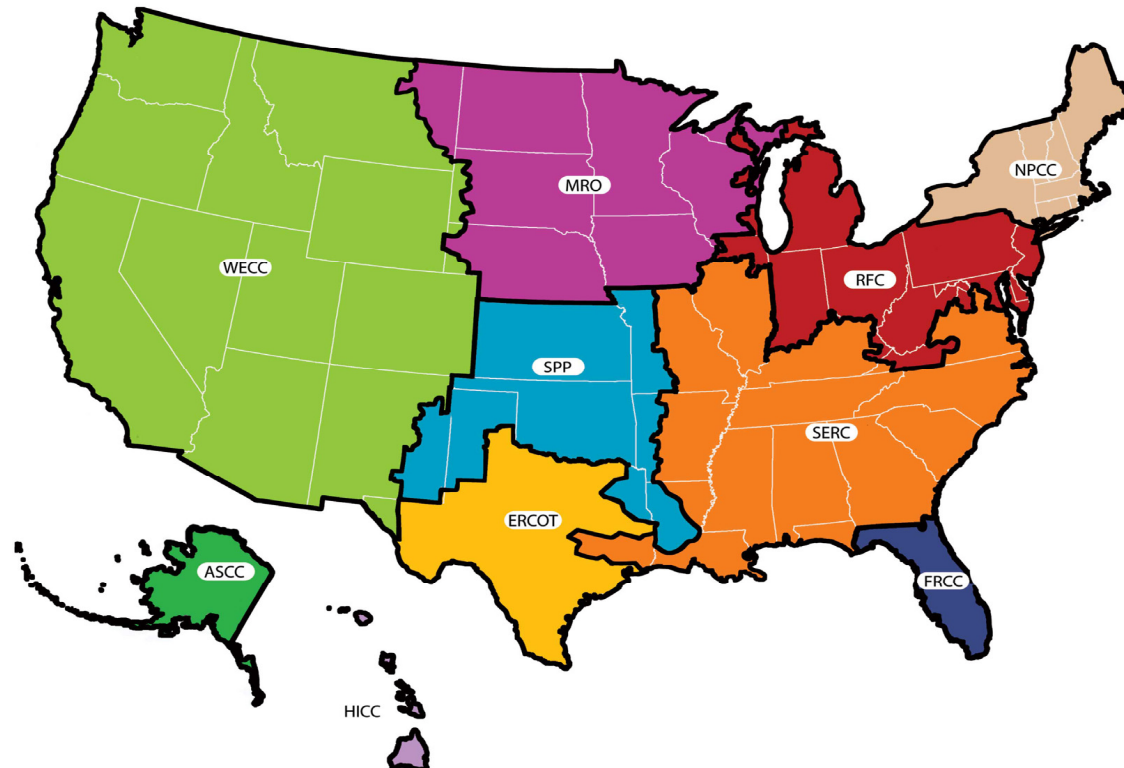
eGRID subregion acronym	eGRID subregion name	Output emission rate					Fossil fuel output emission rate					Non-load output emission rate				
		CO ₂	SO ₂	NO _x	Ozone season NO _x	Hg	CO ₂	SO ₂	NO _x	Ozone season NO _x	Hg	CO ₂	SO ₂	NO _x	Ozone season NO _x	Hg
		(lb/MWh)	(lb/MWh)	(lb/MWh)	(lb/MWh)	(lb/GWh)	(lb/MWh)	(lb/MWh)	(lb/MWh)	(lb/MWh)	(lb/GWh)	(lb/MWh)	(lb/MWh)	(lb/MWh)	(lb/MWh)	(lb/GWh)
AKGD	ASCC Alaska Grid	1,257	1.329	2.993	3.138	0.0017	1,435	1.517	3.416	3.660	0.0020	1,436	2.468	2.998	3.004	0.0000
AKMS	ASCC Miscellaneous	480	0.677	6.532	7.210	N/A	1,390	1.960	18.915	18.956	N/A	1,442	2.054	19.775	19.720	N/A
AZNM	WECC Southwest	1,254	1.444	2.083	2.007	0.0254	1,743	2.007	2.894	2.738	0.0352	1,434	0.699	1.469	1.291	0.0090
CAMX	WECC California	879	0.559	0.759	0.722	0.0023	1,437	0.912	1.121	1.092	0.0020	1,279	0.322	0.534	0.451	0.0010
ERCT	ERCOT All	1,421	3.174	0.981	0.950	0.0291	1,673	3.766	1.161	1.108	0.0345	1,335	0.804	0.709	0.724	0.0040
FRCC	FRCC All	1,328	3.620	2.269	2.240	0.0091	1,447	4.013	2.388	2.363	0.0065	1,475	3.698	2.184	2.100	0.0040
HIMS	HICC Miscellaneous	1,456	5.992	6.994	7.232	N/A	1,628	6.699	7.813	7.957	N/A	1,625	5.338	9.693	9.645	N/A
HIOA	HICC Oahu	1,728	3.524	2.561	2.583	0.0160	1,775	3.690	2.387	2.404	N/A	1,730	4.346	3.017	3.048	0.0170
MROE	MRO East	1,859	7.500	3.254	3.015	0.0307	2,249	9.074	3.931	3.771	0.0371	2,088	9.055	4.183	4.362	0.0210
MROW	MRO West	1,814	5.877	3.814	3.675	0.0433	2,350	7.608	4.895	4.774	0.0552	2,217	8.107	5.259	5.066	0.0470
NEWE	NPCC New England	909	2.358	0.978	0.858	0.0085	1,431	3.646	1.161	0.968	0.0053	1,404	3.201	1.190	1.031	0.0050
NWPP	WECC Northwest	921	1.265	1.626	1.564	0.0097	2,032	2.746	3.531	3.539	0.0212	1,532	1.573	2.466	2.715	0.0130
NYCW	NPCC NYC/Westchester	922	0.705	0.896	0.860	0.0065	1,819	1.393	1.665	1.461	N/A	1,776	1.533	1.753	1.538	0.0060
NYLI	NPCC Long Island	1,412	5.370	1.831	1.569	0.0057	1,452	5.715	1.579	1.391	N/A	1,486	5.628	1.728	1.509	0.0010
NYUP	NPCC Upstate NY	820	4.196	0.995	0.907	0.0140	1,794	9.195	2.091	1.882	0.0257	1,706	9.176	2.259	2.188	0.0220
RFCE	RFC East	1,096	8.035	1.707	1.237	0.0413	1,687	12.573	2.544	1.796	0.0579	1,814	12.061	2.951	2.317	0.0460
RFCM	RFC Michigan	1,641	6.824	2.452	2.136	0.0329	1,765	7.316	2.572	2.242	0.0353	1,949	8.297	2.848	2.443	0.0390
RFCW	RFC West	1,556	10.199	2.841	1.796	0.0437	2,030	13.362	3.668	2.335	0.0572	2,084	14.787	3.805	2.850	0.0640
RMPA	WECC Rockies	2,036	2.033	3.123	3.103	0.0163	2,162	2.159	3.316	3.305	0.0173	1,698	2.041	2.283	2.383	0.0100
SPNO	SPP North	1,971	6.061	3.983	3.807	0.0273	2,344	7.206	4.735	4.484	0.0324	2,192	8.399	4.133	3.828	0.0310
SPSO	SPP South	1,761	3.948	2.551	2.421	0.0387	1,863	4.198	2.662	2.515	0.0329	1,506	2.192	2.205	2.026	0.0140
SRMV	SERC Mississippi Valley	1,135	2.290	1.461	1.505	0.0110	1,642	3.167	2.031	2.045	0.0164	1,411	2.122	1.936	1.884	0.0050
SRMW	SERC Midwest	1,844	6.955	2.529	1.538	0.0407	2,117	7.984	2.902	1.750	0.0467	2,150	9.656	3.164	1.943	0.0410
SRSO	SERC South	1,490	8.451	2.169	1.750	0.0349	1,949	10.991	2.788	2.182	0.0458	1,810	10.549	2.787	2.352	0.0310
SRTV	SERC Tennessee Valley	1,495	7.225	2.591	1.585	0.0253	2,126	10.254	3.669	2.195	0.0360	2,048	11.836	3.549	2.462	0.0390
SRVC	SERC Virginia/Carolina	1,146	5.886	1.865	1.333	0.0219	1,913	9.826	3.069	2.141	0.0362	1,917	11.013	3.077	2.375	0.0340
U.S.		1,363	5.436	2.103	1.704	0.0269	1,869	7.473	2.831	2.268	0.0355	1,714	6.967	2.511	2.104	0.0260



Year 2004 NERC Region Emissions

(Source: eGRID2006 Version 2.1, April 2007)

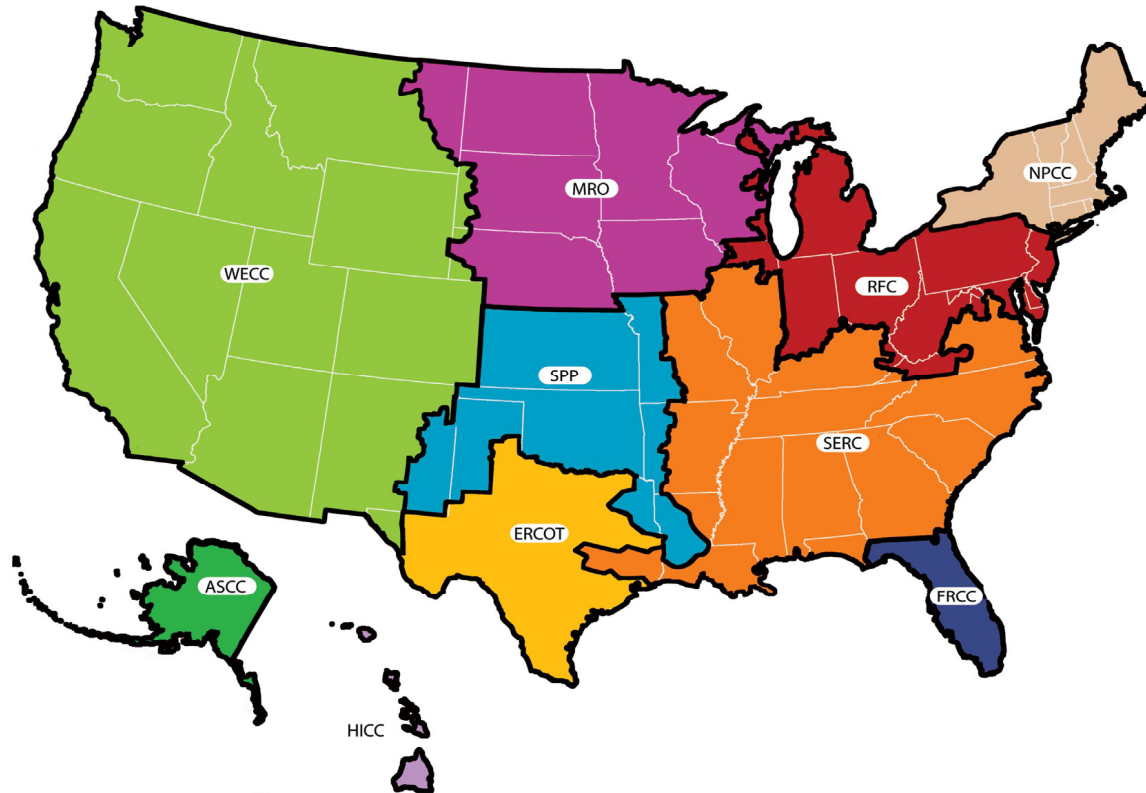
NERC region acronym	NERC region name	Carbon dioxide (CO ₂)		Sulfur dioxide (SO ₂)		Nitrogen oxides (NO _x)				Mercury (Hg)	
		Emissions (tons)	Output emission rate (lb/MWh)	Emissions (tons)	Output emission rate (lb/MWh)	Emissions (tons)	Output emission rate (lb/MWh)	Ozone season emissions (tons)	Ozone season output emission rate (lb/MWh)	Emissions (lbs)	Output emission rate (lb/GWh)
ASCC	Alaska Systems Coordinating Council	3,610,850	1,106	3,925	1.203	12,006	3.679	5,223	3.980	9.08	0.0014
ERCOT	Electric Reliability Council of Texas	217,692,276	1,421	486,348	3.174	150,320	0.981	68,132	0.950	8,918.75	0.0291
FRCC	Florida Reliability Coordinating Council	134,081,883	1,328	365,544	3.620	229,195	2.269	107,760	2.240	1,842.27	0.0091
HICC	Hawaiian Islands Coordinating Council	9,443,135	1,655	23,913	4.190	21,439	3.757	9,443	3.829	133.09	0.0117
MRO	Midwest Reliability Organization	188,322,861	1,820	631,898	6.107	386,326	3.734	155,808	3.578	8,584.10	0.0415
NPCC	Northeast Power Coordinating Council	122,626,436	908	395,136	2.924	137,658	1.019	53,192	0.915	2,682.39	0.0099
RFC	Reliability First Corporation	693,637,204	1,434	4,474,294	9.252	1,199,882	2.481	345,508	1.667	40,565.50	0.0419
SERC	SERC Reliability Corporation	749,844,741	1,387	3,443,824	6.369	1,143,087	2.114	368,430	1.537	28,533.36	0.0264
SPP	Southwest Power Pool	186,881,446	1,830	473,530	4.636	308,192	3.017	133,711	2.850	7,151.65	0.0350
WECC	Western Electricity Coordinating Council	375,612,971	1,107	397,034	1.170	550,377	1.622	234,342	1.560	7,620.42	0.0112
U.S.		2,681,753,803	1,363	10,695,446	5.436	4,138,481	2.103	1,481,550	1.704	106,040.62	0.0269



Year 2004 NERC Region Resource Mix

(Source: eGRID2006 Version 2.1, April 2007)

NERC region acronym	NERC region name	Nameplate capacity (MW)	Net generation (MWh)	Generation resource mix (percent)									
				Coal	Oil	Gas	Other fossil	Biomass	Hydro	Nuclear	Wind	Solar	Geo-thermal
ASCC	Alaska Systems Coordinating Council	2,063	6,526,711	9.9	11.5	55.5	0.0	0.1	23.0	0.0	0.00	0.000	0.0
ERCOT	Electric Reliability Council of Texas	88,542	306,488,130	37.7	0.5	45.9	1.3	0.1	0.3	13.2	0.94	0.000	0.0
FRCC	Florida Reliability Coordinating Council	56,126	201,982,118	26.4	18.3	36.5	0.3	2.0	0.0	15.5	0.00	0.000	0.0
HICC	Hawaiian Islands Coordinating Council	2,624	11,413,465	14.1	77.3	1.1	1.4	3.3	0.8	0.0	0.07	0.000	1.9
MRO	Midwest Reliability Organization	50,180	206,925,740	74.2	0.8	2.3	0.1	1.2	4.6	15.6	1.10	0.000	0.0
NPCC	Northeast Power Coordinating Council	78,194	270,240,647	15.6	12.4	28.0	0.7	3.6	11.1	28.6	0.04	0.000	0.0
RFC	Reliability First Corporation	251,199	967,220,117	64.4	1.4	5.2	0.7	0.8	0.9	26.6	0.06	0.000	0.0
SERC	SERC Reliability Corporation	281,215	1,081,482,400	57.3	1.8	10.0	0.3	1.9	3.5	25.2	0.00	0.000	0.0
SPP	Southwest Power Pool	59,553	204,286,164	65.1	0.5	24.5	0.2	1.1	2.9	5.0	0.59	0.000	0.0
WECC	Western Electricity Coordinating Council	183,302	678,506,273	34.2	0.5	26.3	0.3	1.3	24.3	9.9	0.95	0.085	2.0
U.S.		1,052,996	3,935,071,766	50.2	3.0	17.4	0.5	1.4	6.6	20.0	0.34	0.015	0.3



Year 2004 NERC Region Emission Rates

(Source: eGRID2006 Version 2.1, April 2007)

NERC region acronym	NERC region name	Output emission rate					Fossil fuel output emission rate					Non-baseload output emission rate				
		CO ₂ (lb/MWh)	SO ₂ (lb/MWh)	NO _x (lb/MWh)	Ozone season NO _x (lb/MWh)	Hg (lb/GWh)	CO ₂ (lb/MWh)	SO ₂ (lb/MWh)	NO _x (lb/MWh)	Ozone season NO _x (lb/MWh)	Hg (lb/GWh)	CO ₂ (lb/MWh)	SO ₂ (lb/MWh)	NO _x (lb/MWh)	Ozone season NO _x (lb/MWh)	Hg (lb/GWh)
ASCC	Alaska Systems Coordinating Council	1,106	1.203	3.679	3.980	0.0014	1,431	1.556	4.758	5.248	0.0018	1,437	2.399	5.802	5.749	0.0000
ERCOT	Electric Reliability Council of Texas	1,421	3.174	0.981	0.950	0.0291	1,673	3.766	1.161	1.108	0.0345	1,335	0.804	0.709	0.724	0.0040
FRCC	Florida Reliability Coordinating Council	1,328	3.620	2.269	2.240	0.0091	1,447	4.013	2.388	2.363	0.0065	1,475	3.698	2.184	2.100	0.0040
HICC	Hawaiian Islands Coordinating Council	1,655	4.190	3.757	3.829	0.0117	1,737	4.465	3.785	3.842	N/A	1,698	4.654	5.092	5.201	0.0120
MRO	Midwest Reliability Organization	1,820	6.107	3.734	3.578	0.0415	2,335	7.829	4.749	4.620	0.0525	2,192	8.292	5.049	4.941	0.0420
NPCC	Northeast Power Coordinating Council	908	2.924	1.019	0.915	0.0099	1,573	5.065	1.502	1.309	0.0097	1,539	4.401	1.563	1.391	0.0080
RFC	Reliability First Corporation	1,434	9.252	2.481	1.667	0.0419	1,914	12.423	3.260	2.188	0.0547	1,987	13.093	3.424	2.631	0.0550
SERC	SERC Reliability Corporation	1,387	6.369	2.114	1.537	0.0264	1,961	8.979	2.953	2.091	0.0374	1,842	9.179	2.898	2.250	0.0290
SPP	Southwest Power Pool	1,830	4.636	3.017	2.850	0.0350	2,008	5.109	3.289	3.084	0.0327	1,659	3.576	2.635	2.414	0.0170
WECC	Western Electricity Coordinating Council	1,107	1.170	1.622	1.560	0.0112	1,804	1.895	2.592	2.513	0.0177	1,411	0.823	1.318	1.310	0.0060
U.S.		1,363	5.436	2.103	1.704	0.0269	1,869	7.473	2.831	2.268	0.0355	1,714	6.967	2.511	2.104	0.0260

