

# **eGRID2012**

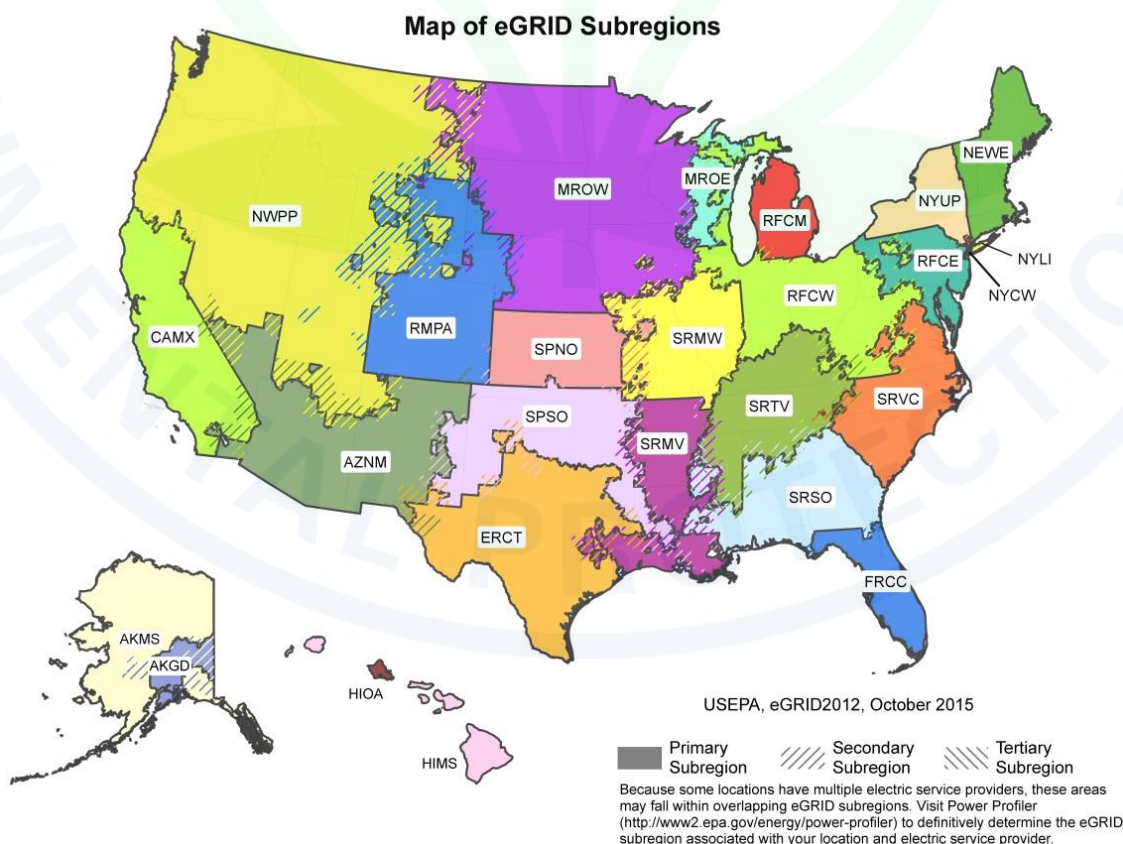
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(created 10/05/15)

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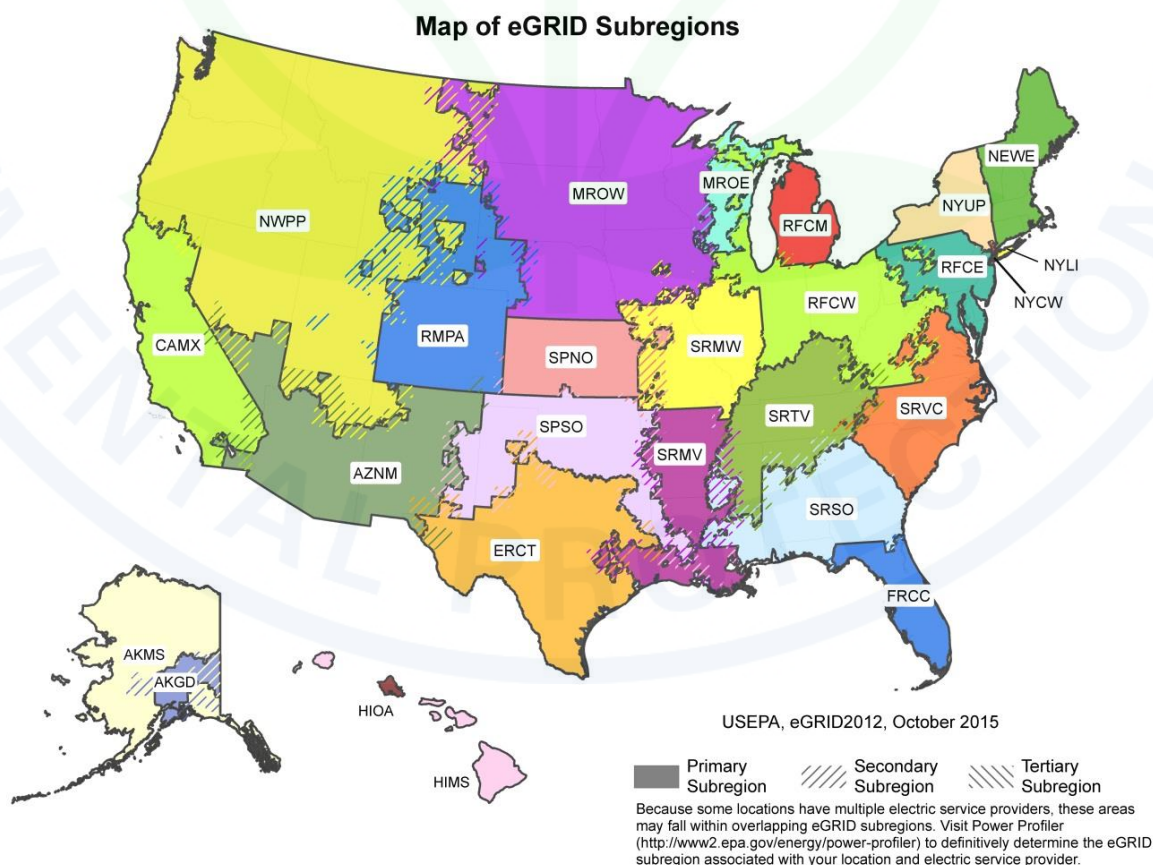
## 1. eGRID2012 Subregion Emissions – Greenhouse Gases

eGRID subregion acronym	eGRID subregion name	Carbon dioxide (CO <sub>2</sub> )		Methane (CH <sub>4</sub> )		Nitrous oxide (N <sub>2</sub> O)		Carbon dioxide equivalent (CO <sub>2</sub> e)	
		Emissions (tons)	Total output emission rate (lb/MWh)	Emissions (lbs)	Total output emission rate (lb/GWh)	Emissions (lbs)	Total output emission rate (lb/GWh)	Emissions (tons)	Total output emission rate (lb/MWh)
AKGD	ASCC Alaska Grid	3,382,037.0	1,268.73	140,402.7	26.34	40,490.5	7.59	3,389,787.2	1,271.64
AKMS	ASCC Miscellaneous	384,195.8	481.17	29,787.0	18.65	5,666.3	3.55	385,386.8	482.66
AZNM	WECC Southwest	102,534,225.3	1,152.89	3,317,864.6	18.65	2,686,986.1	15.11	102,985,545.7	1,157.96
CAMX	WECC California	67,187,988.1	650.31	6,429,630.8	31.12	1,172,434.9	5.67	67,437,084.4	652.72
ERCT	ERCOT All	205,873,315.5	1,143.04	6,015,952.8	16.70	4,443,235.0	12.33	206,625,056.6	1,147.21
FRCC	FRCC All	118,861,947.3	1,125.35	8,459,346.4	40.05	2,503,826.1	11.85	119,338,507.3	1,129.86
HIMS	HICC Miscellaneous	1,760,031.8	1,200.10	199,673.8	68.08	37,202.0	12.68	1,767,894.6	1,205.46
HIOA	HICC Oahu	5,939,881.8	1,576.38	681,311.9	90.41	162,405.3	21.55	5,972,208.4	1,584.95
MROE	MRO East	21,794,875.8	1,522.57	695,782.7	24.30	731,606.9	25.55	21,915,580.6	1,531.00
MROW	MRO West	145,305,369.2	1,425.15	5,627,262.8	27.60	4,947,215.7	24.26	146,130,871.2	1,433.25
NEWE	NPCC New England	38,377,520.5	637.90	8,764,225.4	72.84	1,288,397.3	10.71	38,669,246.4	642.75
NWPP	WECC Northwest	95,734,309.7	665.75	3,622,959.4	12.60	2,983,818.8	10.38	96,234,699.4	669.23
NYCW	NPCC NYC/Westchester	15,851,201.7	696.70	1,160,747.0	25.51	133,430.3	2.93	15,882,764.1	698.08
NYLI	NPCC Long Island	7,280,232.8	1,201.20	947,931.1	78.20	119,618.7	9.87	7,308,726.9	1,205.90
NYUP	NPCC Upstate NY	16,873,346.4	408.80	1,287,300.2	15.59	315,913.7	3.83	16,935,829.7	410.31
RFCE	RFC East	112,888,707.9	858.56	6,954,055.7	26.44	3,020,840.1	11.49	113,429,807.1	862.68
RFCM	RFC Michigan	68,119,780.7	1,569.23	2,635,889.2	30.36	2,093,696.0	24.12	68,471,962.7	1,577.34
RFCW	RFC West	391,126,291.4	1,379.48	9,701,816.8	17.11	12,286,300.3	21.67	393,132,519.0	1,386.55
RMPA	WECC Rockies	57,993,856.1	1,822.65	1,378,226.1	21.66	1,790,072.3	28.13	58,285,775.9	1,831.82
SPNO	SPP North	59,782,627.7	1,721.65	1,403,934.9	20.22	1,885,096.3	27.14	60,089,349.8	1,730.49
SPSO	SPP South	117,500,299.0	1,538.63	3,627,540.2	23.75	3,050,862.7	19.98	118,011,271.9	1,545.32
SRMV	SERC Mississippi Valley	95,886,176.4	1,052.92	3,816,210.1	20.95	1,931,912.9	10.61	96,225,693.1	1,056.65
SRMW	SERC Midwest	113,709,694.8	1,710.75	2,603,196.3	19.58	3,655,614.1	27.50	114,303,633.0	1,719.68
SRSO	SERC South	146,477,427.2	1,149.05	5,777,614.3	22.66	3,948,687.2	15.49	147,150,138.6	1,154.32
SRTV	SERC Tennessee Valley	153,167,116.4	1,337.15	3,982,959.3	17.39	4,761,521.4	20.78	153,946,973.3	1,343.96
SRVC	SERC Virginia/Carolina	135,132,027.1	932.87	6,937,947.2	23.95	4,229,617.5	14.60	135,860,466.3	937.90
<b>U.S.</b>		<b>2,298,924,483.4</b>	<b>1,136.53</b>	<b>96,199,568.7</b>	<b>23.78</b>	<b>64,226,468.3</b>	<b>15.88</b>	<b>2,309,886,780.4</b>	<b>1,141.95</b>



## 2. eGRID2012 Subregion Emissions – Criteria Pollutants

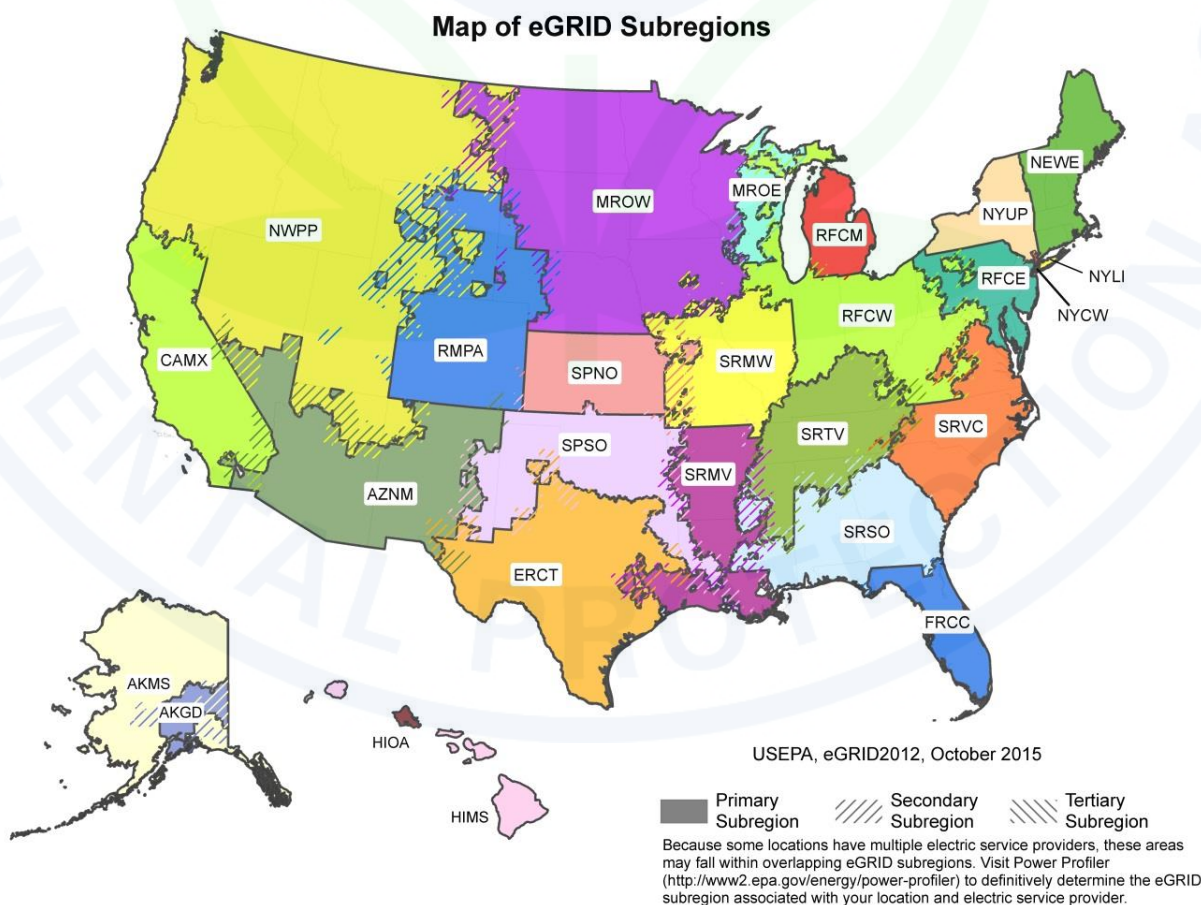
eGRID subregion acronym	eGRID subregion name	Nitrogen oxides (NO <sub>x</sub> )				Sulfur dioxide (SO <sub>2</sub> )	
		Emissions (tons)	Total output emission rate (lb/MWh)	Ozone season emissions (tons)	Ozone season total output emission rate (lb/MWh)	Emissions (tons)	Total output emission rate (lb/MWh)
AKGD	ASCC Alaska Grid	6,915.85	2.5944	2,806.53	2.8050	2,108.78	0.7911
AKMS	ASCC Miscellaneous	4,812.53	6.0272	2,012.32	6.9876	275.47	0.3450
AZNM	WECC Southwest	115,206.61	1.2954	52,010.92	1.2331	39,065.16	0.4392
CAMX	WECC California	34,618.62	0.3351	15,715.99	0.3307	20,665.19	0.2000
ERCT	ERCOT All	109,604.19	0.6085	52,291.10	0.5994	346,399.70	1.9233
FRCC	FRCC All	65,764.23	0.6226	32,261.83	0.6497	134,754.30	1.2758
HIMS	HICC Miscellaneous	7,464.00	5.0894	2,947.14	4.8250	5,732.57	3.9088
HIOA	HICC Oahu	7,869.41	2.0885	3,309.46	2.0767	19,550.87	5.1886
MROE	MRO East	17,598.10	1.2294	8,484.76	1.2619	59,760.10	4.1748
MROW	MRO West	164,050.95	1.6090	69,021.42	1.5795	299,484.96	2.9373
NEWE	NPCC New England	24,559.21	0.4082	8,725.84	0.3221	60,433.63	1.0045
NWPP	WECC Northwest	104,109.15	0.7240	41,249.74	0.6687	109,096.30	0.7587
NYCW	NPCC NYC/Westchester	7,583.66	0.3333	3,652.65	0.3396	1,458.43	0.0641
NYLI	NPCC Long Island	4,376.57	0.7221	2,479.14	0.7690	5,949.92	0.9817
NYUP	NPCC Upstate NY	11,393.39	0.2760	5,027.66	0.2818	26,821.30	0.6498
RFCE	RFC East	104,919.63	0.7980	50,809.70	0.8539	185,487.76	1.4107
RFCM	RFC Michigan	65,732.87	1.5142	29,263.66	1.4687	196,167.89	4.5190
RFCW	RFC West	341,864.18	1.2057	152,302.40	1.2266	961,849.06	3.3924
RMPA	WECC Rockies	62,952.61	1.9785	27,836.57	2.0068	51,254.96	1.6109
SPNO	SPP North	47,993.46	1.3821	23,430.37	1.3908	59,998.41	1.7279
SPSO	SPP South	125,199.34	1.6394	59,061.00	1.6322	194,323.79	2.5446
SRMV	SERC Mississippi Valley	89,229.17	0.9798	43,888.72	1.0275	134,574.22	1.4777
SRMW	SERC Midwest	85,901.12	1.2924	40,059.74	1.3795	212,369.32	3.1951
SRSO	SERC South	96,692.66	0.7585	45,953.42	0.7621	274,933.11	2.1567
SRTV	SERC Tennessee Valley	110,837.27	0.9676	51,044.65	0.9966	259,061.01	2.2616
SRVC	SERC Virginia/Carolina	96,438.08	0.6658	46,098.34	0.6916	155,846.09	1.0759
<b>U.S.</b>		<b>1,913,686.86</b>	<b>0.9461</b>	<b>871,745.09</b>	<b>0.9460</b>	<b>3,817,422.30</b>	<b>1.8872</b>





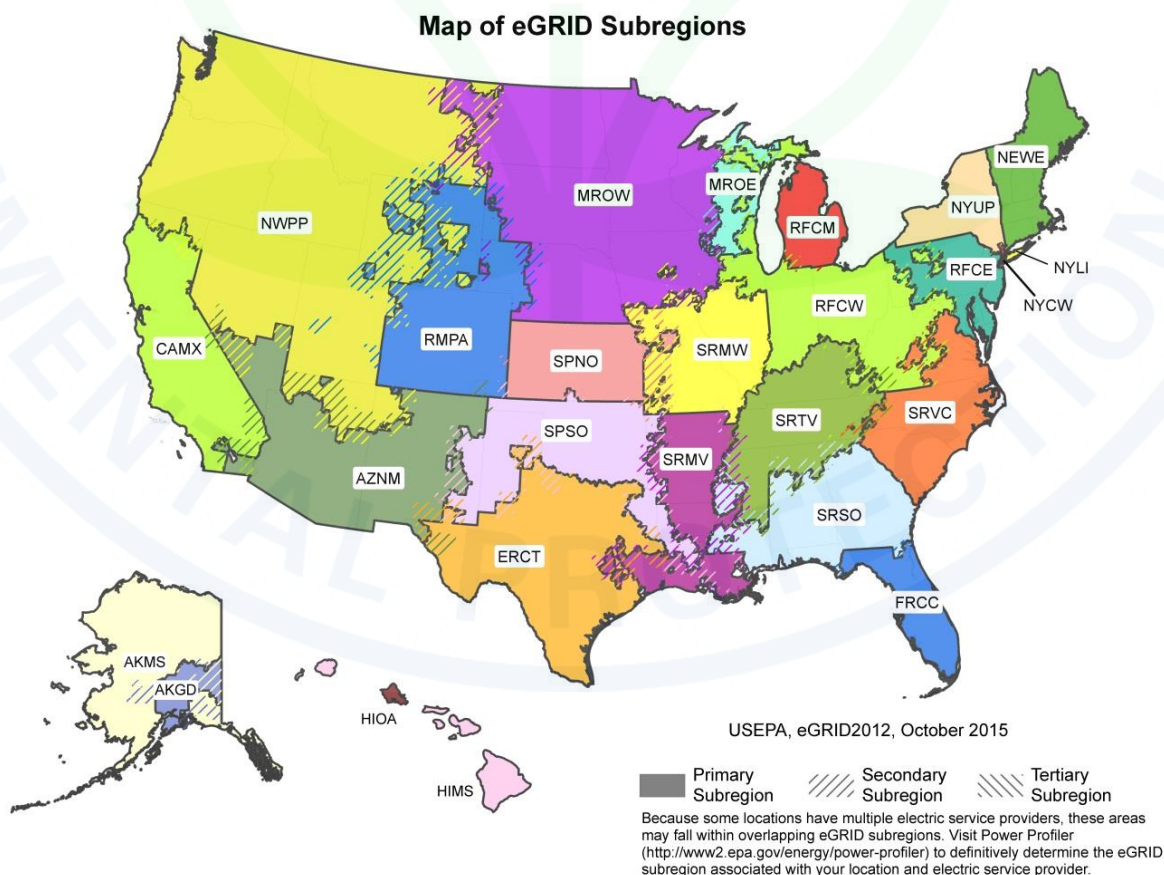
### 3. eGRID2012 Subregion Output Emission Rates – Greenhouse Gases

eGRID subregion acronym	eGRID subregion name	Total output emission rates			Fossil fuel output emission rate	Non-baseload output emission rates		
		CO <sub>2</sub> (lb/MWh)	CH <sub>4</sub> (lb/GWh)	N <sub>2</sub> O (lb/GWh)	CO <sub>2</sub> (lb/MWh)	CO <sub>2</sub> (lb/MWh)	CH <sub>4</sub> (lb/GWh)	N <sub>2</sub> O (lb/GWh)
AKGD	ASCC Alaska Grid	1,268.73	26.34	7.59	1,413.52	1,377.77	28.66	3.38
AKMS	ASCC Miscellaneous	481.17	18.65	3.55	1,400.38	1,404.49	55.64	10.70
AZNM	WECC Southwest	1,152.89	18.65	15.11	1,613.86	1,236.02	21.56	10.52
CAMX	WECC California	650.31	31.12	5.67	986.41	1,018.87	37.61	6.04
ERCT	ERCOT All	1,143.04	16.70	12.33	1,418.13	1,280.59	21.53	10.71
FRCC	FRCC All	1,125.35	40.05	11.85	1,216.71	1,333.93	38.81	13.79
HIMS	HICC Miscellaneous	1,200.10	68.08	12.68	1,656.12	1,331.47	96.82	17.15
HIOA	HICC Oahu	1,576.38	90.41	21.55	1,582.88	1,402.27	118.01	19.43
MROE	MRO East	1,522.57	24.30	25.55	2,077.12	1,739.00	30.17	26.26
MROW	MRO West	1,425.15	27.60	24.26	2,152.46	1,965.21	52.60	32.72
NEWE	NPCC New England	637.90	72.84	10.71	980.27	1,079.73	67.70	12.90
NWPP	WECC Northwest	665.75	12.60	10.38	1,858.75	1,579.07	38.30	22.84
NYCW	NPCC NYC/Westchester	696.70	25.51	2.93	1,175.61	1,081.11	22.50	2.32
NYLI	NPCC Long Island	1,201.20	78.20	9.87	1,129.27	1,303.42	31.40	3.56
NYUP	NPCC Upstate NY	408.80	15.59	3.83	1,085.63	1,228.56	39.00	13.04
RFCE	RFC East	858.56	26.44	11.49	1,469.42	1,492.01	32.74	18.69
RFCM	RFC Michigan	1,569.23	30.36	24.12	1,853.55	1,856.21	33.91	28.72
RFCW	RFC West	1,379.48	17.11	21.67	1,942.40	1,791.71	21.76	27.85
RMPA	WECC Rockies	1,822.65	21.66	28.13	2,094.71	1,669.58	22.89	20.66
SPNO	SPP North	1,721.65	20.22	27.14	2,149.67	2,112.08	26.11	30.63
SPSO	SPP South	1,538.63	23.75	19.98	1,729.36	1,590.13	27.60	16.19
SRMV	SERC Mississippi Valley	1,052.92	20.95	10.61	1,384.45	1,301.65	27.43	9.75
SRMW	SERC Midwest	1,710.75	19.58	27.50	2,069.72	1,917.96	23.29	28.84
SRSO	SERC South	1,149.05	22.66	15.49	1,518.99	1,696.79	28.17	24.83
SRTV	SERC Tennessee Valley	1,337.15	17.39	20.78	1,912.59	1,743.96	22.84	26.11
SRVC	SERC Virginia/Carolina	932.87	23.95	14.60	1,665.71	1,790.57	53.10	29.94
U.S.		1,136.53	23.78	15.88	1,640.13	1,549.36	30.99	19.86



#### 4. eGRID2012 Subregion Output Emission Rates – Criteria Pollutants

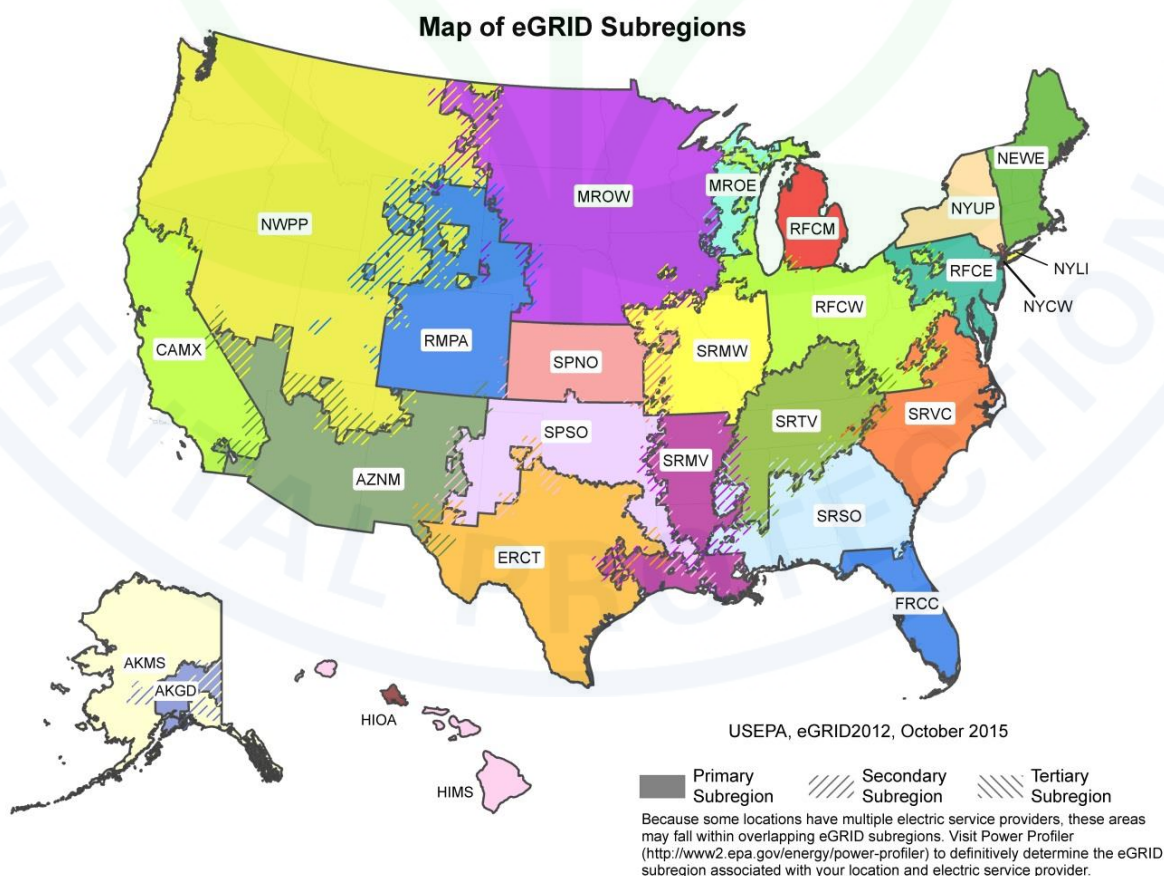
eGRID subregion acronym	eGRID subregion name	Total output emission rates			Fossil fuel output emission rates			Non-baseload output emission rates		
		NO <sub>x</sub> (lb/MWh)	Ozone season NO <sub>x</sub> (lb/MWh)	SO <sub>2</sub> (lb/MWh)	NO <sub>x</sub> (lb/MWh)	Ozone season NO <sub>x</sub> (lb/MWh)	SO <sub>2</sub> (lb/MWh)	NO <sub>x</sub> (lb/MWh)	Ozone season NO <sub>x</sub> (lb/MWh)	SO <sub>2</sub> (lb/MWh)
AKGD	ASCC Alaska Grid	2.5944	2.8050	0.7911	2.8905	3.1031	0.8814	2.5108	2.2915	0.3088
AKMS	ASCC Miscellaneous	6.0272	6.9876	0.3450	17.5415	17.8896	1.0041	18.6055	18.7183	1.0812
AZNM	WECC Southwest	1.2954	1.2331	0.4392	1.8060	1.6804	0.6052	1.0309	1.1602	0.3253
CAMX	WECC California	0.3351	0.3307	0.2000	0.4621	0.4732	0.1901	0.3514	0.4355	0.2790
ERCT	ERCOT All	0.6085	0.5994	1.9233	0.7540	0.7226	2.3855	0.7249	0.8523	2.0299
FRCC	FRCC All	0.6226	0.6497	1.2758	0.5979	0.6319	0.8298	0.9167	1.1777	1.6026
HIMS	HICC Miscellaneous	5.0894	4.8250	3.9088	6.9669	6.9676	5.3730	3.1897	3.0464	4.7750
HIOA	HICC Oahu	2.0885	2.0767	5.1886	2.0408	2.0182	5.3114	2.3760	2.4102	3.7587
MROE	MRO East	1.2294	1.2619	4.1748	1.5928	1.5747	5.5208	1.6954	1.8106	4.7298
MROW	MRO West	1.6090	1.5795	2.9373	2.3633	2.3016	4.4187	2.5376	2.3880	4.9129
NEWE	NPCC New England	0.4082	0.3221	1.0045	0.2805	0.2506	0.4033	0.6140	0.6182	1.3580
NWPP	WECC Northwest	0.7240	0.6687	0.7587	1.9805	2.0195	1.9581	1.5959	1.5030	1.6177
NYCW	NPCC NYC/Westchester	0.3333	0.3396	0.0641	0.4625	0.4622	0.0174	0.6319	0.8141	0.0270
NYLI	NPCC Long Island	0.7221	0.7690	0.9817	0.6069	0.6826	0.1798	0.8688	1.2600	0.3689
NYUP	NPCC Upstate NY	0.2760	0.2818	0.6498	0.6121	0.5658	1.2271	1.0062	1.3064	2.3801
RFCE	RFC East	0.7980	0.8539	1.4107	1.3537	1.3676	1.9385	1.4677	1.8031	2.5083
RFCM	RFC Michigan	1.5142	1.4687	4.5190	1.7460	1.6503	5.2944	1.8566	1.9122	5.6384
RFCW	RFC West	1.2057	1.2266	3.3924	1.6892	1.6721	4.7439	1.6493	1.7673	5.7097
RMPA	WECC Rockies	1.9785	2.0068	1.6109	2.2733	2.2827	1.8509	2.2328	2.5370	1.5147
SPNO	SPP North	1.3821	1.3908	1.7279	1.7148	1.7058	2.1437	2.0950	2.4636	3.0002
SPSO	SPP South	1.6394	1.6322	2.5446	1.8243	1.7605	2.8168	1.8101	2.2179	1.8000
SRMV	SERC Mississippi Valley	0.9798	1.0275	1.4777	1.2474	1.2715	1.7843	1.3977	1.7023	1.2369
SRMW	SERC Midwest	1.2924	1.3795	3.1951	1.5634	1.6381	3.8652	1.2956	1.3816	3.3130
SRSO	SERC South	0.7585	0.7621	2.1567	0.9410	0.9139	2.7071	1.4589	1.8026	4.6878
SRTV	SERC Tennessee Valley	0.9676	0.9966	2.2616	1.3733	1.3649	3.1953	1.2932	1.5146	2.9791
SRVC	SERC Virginia/Carolina	0.6658	0.6916	1.0759	1.1051	1.1170	1.7143	1.6038	1.8497	3.3203
U.S.		0.9461	0.9460	1.8872	1.3268	1.2959	2.5741	1.3555	1.5557	2.9317





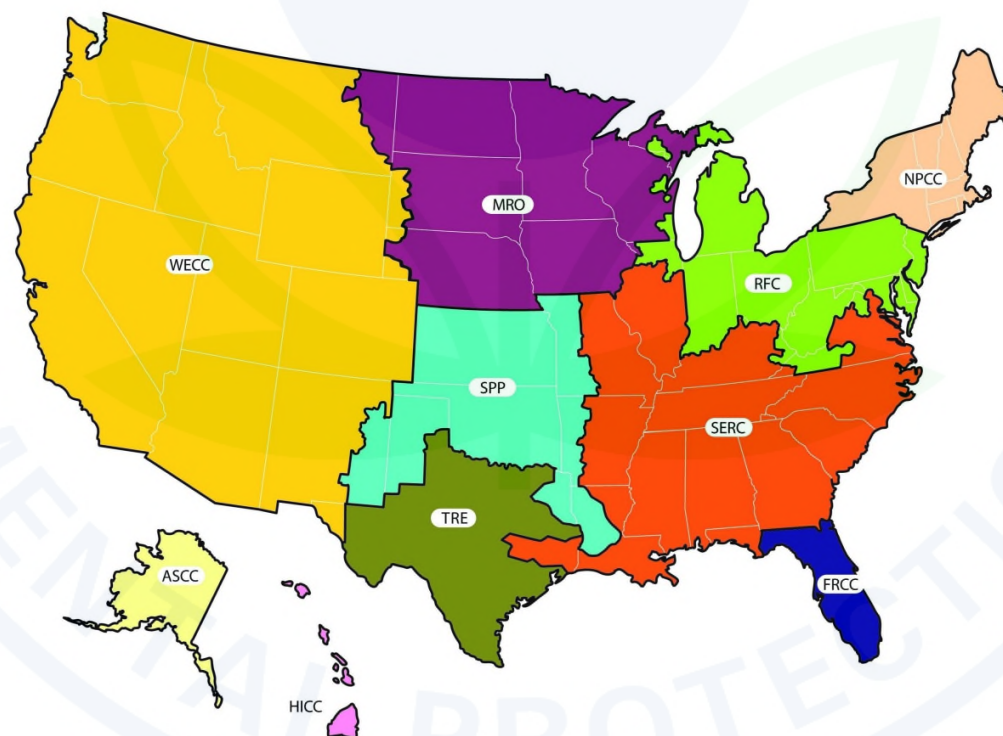
## 5. eGRID2012 Subregion Resource Mix

eGRID subregion acronym	eGRID subregion name	Nameplate capacity (MW)	Net generation (MWh)	Generation Resource Mix (percent)										
				Coal	Oil	Gas	Other fossil	Nuclear	Hydro	Biomass	Wind	Solar	Geo-thermal	Other unknown/purchased fuel
AKGD	ASCC Alaska Grid	2,007.8	5,331,368.0	12.8477	11.5119	65.3975	0.0000	0.0000	10.2429	0.0000	0.0000	0.0000	0.0000	0.0000
AKMS	ASCC Miscellaneous	754.2	1,596,926.5	0.0000	26.5523	7.6469	0.0000	0.0000	64.4336	0.1606	1.2066	0.0000	0.0000	0.0000
AZNM	WECC Southwest	63,160.5	177,873,710.9	37.3633	0.0501	33.9397	0.0042	17.9531	6.3295	0.3291	0.9724	0.6563	2.3956	0.0067
CAMX	WECC California	95,000.9	206,633,044.0	5.3301	0.8232	58.5863	0.0875	8.9567	12.7375	2.8533	5.0012	0.8732	4.4331	0.3180
ERCT	ERCOT All	115,223.9	360,221,517.3	30.5073	0.9452	49.0477	0.1204	10.6715	0.1091	0.1977	8.2871	0.0328	0.0000	0.0812
FRCC	FRCC All	78,701.1	211,244,527.5	19.4235	0.6443	68.0575	0.6566	8.4594	0.0712	1.7642	0.0000	0.0917	0.0000	0.8317
HIMS	HICC Miscellaneous	974.2	2,933,143.4	1.3576	64.2117	0.0000	7.3575	0.0000	3.9064	3.6304	10.4875	0.1507	8.8982	0.0000
HIOA	HICC Oahu	2,107.4	7,536,125.3	19.8712	74.9241	0.0000	1.8820	0.0000	0.0000	2.3830	0.9371	0.0025	0.0000	0.0000
MROE	MRO East	10,323.2	28,629,056.0	64.3153	0.9998	7.8554	0.1644	15.7738	2.9180	3.7800	4.0806	0.0000	0.0000	0.1126
MROW	MRO West	61,555.1	203,915,893.0	60.8336	0.1281	5.0019	0.1446	10.8341	6.2900	1.2954	15.2138	0.0000	0.0000	0.2584
NEWE	NPCC New England	40,761.9	120,324,524.1	2.9468	0.3392	51.9358	1.6642	30.0154	5.8701	6.0580	1.0680	0.0275	0.0000	0.0748
NWPP	WECC Northwest	80,235.0	287,596,498.3	24.5037	0.3463	10.6587	0.1333	3.2454	52.2177	1.0982	7.0260	0.0040	0.6476	0.1192
NYCW	NPCC NYC/Westchester	14,988.5	45,503,844.6	0.0000	0.1812	61.6948	0.4255	37.2211	0.0032	0.4741	0.0000	0.0000	0.0000	0.0000
NYLI	NPCC Long Island	6,031.2	12,121,635.9	0.0000	2.8882	89.2010	3.5290	0.0000	0.0000	3.9470	0.0000	0.4349	0.0000	0.0000
NYUP	NPCC Upstate NY	28,527.0	82,550,860.0	5.5130	0.1820	30.3999	0.3818	28.8761	29.2443	1.7995	3.6034	0.0000	0.0000	0.0000
RFCE	RFC East	81,434.8	262,972,203.0	23.8506	0.4047	30.7631	0.6749	40.9183	1.1175	1.3829	0.7618	0.1262	0.0000	0.0000
RFCM	RFC Michigan	30,753.9	86,819,386.1	58.5744	0.3601	24.9262	0.7525	11.8643	-0.3321	2.0364	1.8182	0.0000	0.0000	0.0000
RFCW	RFC West	165,405.0	567,064,674.2	58.7362	0.5280	11.0509	0.6630	25.7250	0.6682	0.5006	2.0570	0.0136	0.0000	0.0575
RMPA	WECC Rockies	19,921.2	63,636,839.6	70.3646	0.0411	16.6244	0.0000	0.0000	3.1724	0.0911	9.3627	0.2567	0.0000	0.0870
SPNO	SPP North	23,788.5	69,447,958.9	70.6814	0.0918	9.8012	0.0285	11.9297	0.0981	0.0873	7.2821	0.0000	0.0000	0.0000
SPSO	SPP South	50,658.9	152,734,002.2	48.4033	0.7668	39.4001	0.1997	0.0000	2.0027	1.4982	7.6329	0.0770	0.0000	0.0193
SRMV	SERC Mississippi Valley	52,017.2	182,134,134.3	20.5889	1.2729	53.5965	0.7162	21.1099	0.8429	1.7362	0.0000	0.0000	0.0000	0.1366
SRMW	SERC Midwest	38,922.6	132,935,700.9	75.4034	0.0680	6.8652	0.1280	15.1141	0.2213	0.0972	1.9076	0.0000	0.0000	0.1952
SRSO	SERC South	78,562.6	254,954,509.9	33.8126	0.1918	41.9257	0.0903	19.1033	1.7819	3.0938	0.0000	0.0006	0.0000	0.0000
SRTV	SERC Tennessee Valley	67,967.3	229,094,795.2	53.6644	0.7361	15.5289	0.0097	22.3402	6.9009	0.7985	0.0207	0.0006	0.0000	0.0000
SRVC	SERC Virginia/Carolina	88,528.9	289,711,035.7	34.7513	0.2012	20.2079	0.2173	41.1632	0.8794	2.4344	0.0000	0.0380	0.0000	0.1074
U.S.		1,309,394.6	4,045,517,914.7	37.4156	0.7034	30.2949	0.3683	19.0169	6.7030	1.4404	3.4476	0.1035	0.3842	0.1221



## 6. eGRID2012 NERC Region Emissions

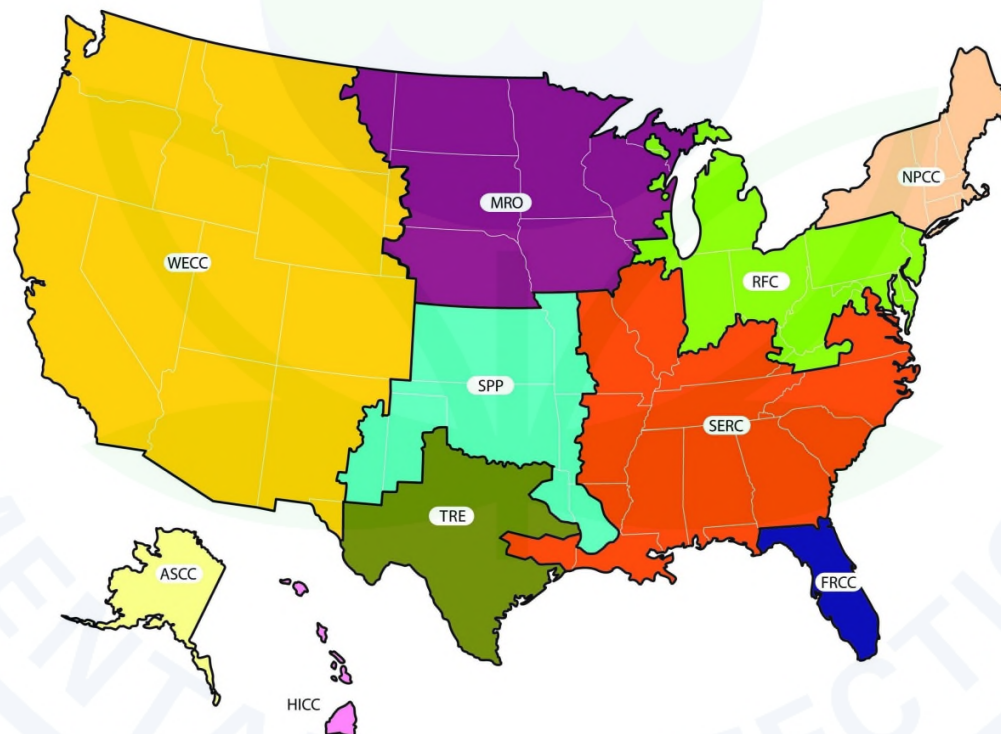
NERC region acronym	NERC region name	Nitrogen oxides (NO <sub>x</sub> )		Sulfur dioxide (SO <sub>2</sub> )		Carbon dioxide (CO <sub>2</sub> )		Methane (CH <sub>4</sub> )		Nitrous oxide (N <sub>2</sub> O)	
		Emissions (tons)	Total output emission rate (lb/MWh)	Ozone season emissions (tons)	Ozone season total output emission rate (lb/MWh)	Emissions (tons)	Total output emission rate (lb/MWh)	Emissions (tons)	Total output emission rate (lb/MWh)	Emissions (lbs)	Total output emission rate (lb/GWh)
ASCC	Alaska Systems Coordinating Council	11,728.39	3.3856	4,818.86	3.7399	2,384.25	0.6883	3,766,232.7	1,087.20	170,189.7	24.56
FRCC	Florida Reliability Coordinating Council	65,764.23	0.6226	32,261.83	0.6497	134,754.30	1.2758	118,861,947.3	1,125.35	8,459,346.4	40.05
HICC	Hawaiian Islands Coordinating Council	15,333.42	2.9292	6,256.60	2.8382	25,283.44	4.8300	7,699,913.5	1,470.96	880,985.7	84.15
MRO	Midwest Reliability Organization	181,649.04	1.5623	77,506.18	1.5371	359,245.06	3.0897	167,100,245.0	1,437.14	6,323,045.5	27.19
NPCC	Northeast Power Coordinating Council	47,912.82	0.3679	19,885.29	0.3376	94,663.28	0.7268	78,382,301.3	601.78	12,160,203.7	46.68
RFC	Reliability First Corporation	512,516.67	1.1180	232,375.76	1.1414	1,343,504.72	2.9307	572,134,780.0	1,248.04	19,291,761.7	21.04
SERC	SERC Reliability Corporation	479,098.31	0.8800	227,044.88	0.9084	1,036,783.74	1.9044	644,372,442.0	1,183.61	23,117,927.2	21.23
SPP	Southwest Power Pool	173,192.80	1.5590	82,491.37	1.5555	254,322.20	2.2893	177,282,926.7	1,595.84	5,031,475.1	22.65
TRE	Texas Regional Entity	109,604.19	0.6085	52,291.10	0.5994	346,399.70	1.9233	205,873,315.5	1,143.04	6,015,952.8	16.70
WECC	Western Electricity Coordinating Council	316,886.98	0.8614	136,813.23	0.8279	220,081.60	0.5983	323,450,379.3	879.25	14,748,681.0	20.05
<b>U.S.</b>		<b>1,913,686.86</b>	<b>0.9461</b>	<b>871,745.09</b>	<b>0.9460</b>	<b>3,817,422.30</b>	<b>1.8872</b>	<b>2,298,924,483.4</b>	<b>1,136.53</b>	<b>96,199,568.7</b>	<b>23.78</b>



This is a representational map; many of the boundaries shown on this map are approximate because they are based on companies, not on strictly geographical boundaries.

## 7. eGRID2012 NERC Region Output Emission Rates

NERC region acronym	NERC region name	Total output emissions rates						Fossil fuel output emission rates				Non-baseload output emission rates					
		NO <sub>x</sub> (lb/MWh)	Ozone season NO <sub>x</sub> (lb/MWh)	SO <sub>2</sub> (lb/MWh)	CO <sub>2</sub> (lb/MWh)	CH <sub>4</sub> (lb/GWh)	N <sub>2</sub> O (lb/GWh)	NO <sub>x</sub> (lb/MWh)	Ozone season NO <sub>x</sub> (lb/MWh)	SO <sub>2</sub> (lb/MWh)	CO <sub>2</sub> (lb/MWh)	NO <sub>x</sub> (lb/MWh)	Ozone season NO <sub>x</sub> (lb/MWh)	SO <sub>2</sub> (lb/MWh)	CO <sub>2</sub> (lb/MWh)	CH <sub>4</sub> (lb/GWh)	N <sub>2</sub> O (lb/GWh)
ASCC	Alaska Systems Coordinating Council	3.3856	3.7399	0.6883	1,087.20	24.56	6.66	4.3976	4.7388	0.8940	1,412.17	8.4473	7.0044	0.59	1,387.62	38.61	6.08
FRCC	Florida Reliability Coordinating Council	0.6226	0.6497	1.2758	1,125.35	40.05	11.85	0.5979	0.6319	0.8298	1,216.71	0.9167	1.1777	1.60	1,333.93	38.81	13.79
HICC	Hawaiian Islands Coordinating Council	2.9292	2.8382	4.8300	1,470.96	84.15	19.07	3.1582	3.0832	5.3254	1,599.49	2.5679	2.5622	4.00	1,385.57	113.01	18.89
MRO	Midwest Reliability Organization	1.5623	1.5371	3.0897	1,437.14	27.19	24.42	2.2599	2.1934	4.5666	2,142.35	2.3966	2.2883	4.88	1,927.33	48.85	31.64
NPCC	Northeast Power Coordinating Council	0.3679	0.3376	0.7268	601.78	46.68	7.13	0.4175	0.4036	0.4849	1,056.01	0.7448	0.8939	1.28	1,141.31	48.32	10.05
RFC	Reliability First Corporation	1.1180	1.1414	2.9307	1,248.04	21.04	18.98	1.6174	1.5947	4.1529	1,821.32	1.6287	1.7932	4.91	1,724.93	25.92	25.68
SERC	SERC Reliability Corporation	0.8800	0.9084	1.9044	1,183.61	21.23	17.02	1.2125	1.2141	2.6013	1,688.12	1.4155	1.6727	3.16	1,670.65	30.92	23.50
SPP	Southwest Power Pool	1.5590	1.5555	2.2893	1,595.84	22.65	22.22	1.7923	1.7445	2.6202	1,852.14	1.8751	2.2775	2.07	1,709.23	27.26	19.48
TRE	Texas Regional Entity	0.6085	0.5994	1.9233	1,143.04	16.70	12.33	0.7540	0.7226	2.3855	1,418.13	0.7249	0.8523	2.03	1,280.59	21.53	10.71
WECC	Western Electricity Coordinating Council	0.8614	0.8279	0.5983	879.25	20.05	11.73	1.4806	1.4442	0.9681	1,536.66	1.0338	1.1242	0.71	1,278.28	31.09	12.69
U.S.		0.9461	0.9460	1.8872	1,136.53	23.78	15.88	1.3268	1.2959	2.5741	1,640.13	1.3555	1.5557	2.9317	1,549.36	30.99	19.86

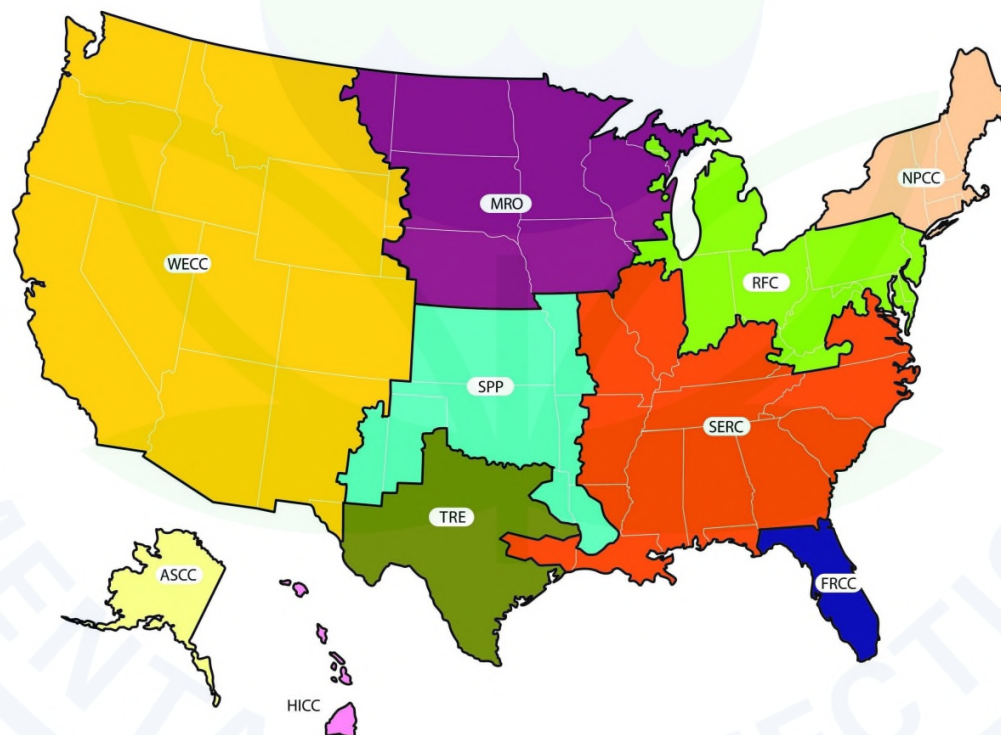


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## 8. eGRID2012 NERC Region Resource Mix

NERC region acronym	NERC region name	Nameplate capacity (MW)	Net Generation (MWh)	Generation Resource Mix (percent)										
				Coal	Oil	Gas	Other fossil	Nuclear	Hydro	Biomass	Wind	Solar	Geo-thermal	Other unknown/purchased fuel
ASCC	Alaska Systems Coordinating Council	2,762.0	6,928,294.5	9.8864	14.9786	52.0863	0.0000	0.0000	22.7335	0.0370	0.2781	0.0000	0.0000	0.0000
FRCC	Florida Reliability Coordinating Council	80,756.1	211,244,527.5	19.4235	0.6443	68.0575	0.6566	8.4594	0.0712	1.7642	0.0000	0.0917	0.0000	0.8317
HICC	Hawaiian Islands Coordinating Council	3,081.6	10,469,268.7	14.6843	71.9229	0.0000	3.4161	0.0000	1.0945	2.7325	3.6128	0.0440	2.4930	0.0000
MRO	Midwest Reliability Organization	72,028.2	232,544,949.0	61.2622	0.2354	5.3532	0.1470	11.4422	5.8749	1.6013	13.8432	0.0000	0.0000	0.2405
NPCC	Northeast Power Coordinating Council	90,299.4	260,500,864.6	3.1082	0.3804	48.5499	1.1282	29.5164	11.9793	3.6349	1.6352	0.0330	0.0000	0.0346
RFC	Reliability First Corporation	279,506.7	916,856,263.3	48.7150	0.4767	18.0186	0.6749	28.7703	0.7023	0.8991	1.6629	0.0446	0.0000	0.0356
SERC	SERC Reliability Corporation	333,238.6	1,088,830,176.0	41.1051	0.4746	28.2648	0.2164	25.5026	2.2712	1.8424	0.2373	0.0104	0.0000	0.0752
SPP	Southwest Power Pool	74,092.2	222,181,961.2	55.3668	0.5558	30.1483	0.1462	3.7289	1.4073	1.0572	7.5232	0.0529	0.0000	0.0133
TRE	Texas Regional Entity	115,787.6	360,221,517.3	30.5073	0.9452	49.0477	0.1204	10.6715	0.1091	0.1977	8.2871	0.0328	0.0000	0.0812
WECC	Western Electricity Coordinating Council	257,842.2	735,740,092.8	26.1944	0.3822	30.2637	0.0777	8.1245	25.7935	1.3181	5.1959	0.4277	2.0773	0.1451
<b>U.S.</b>		<b>1,309,394.6</b>	<b>4,045,517,914.7</b>	<b>37.4156</b>	<b>0.7034</b>	<b>30.2949</b>	<b>0.3683</b>	<b>19.0169</b>	<b>6.7030</b>	<b>1.4404</b>	<b>3.4476</b>	<b>0.1035</b>	<b>0.3842</b>	<b>0.1221</b>



This is a representational map; many of the boundaries shown on this map are approximate because they are based on companies, not on strictly geographical boundaries.

## 9. Year 2012 eGRID Grid Gross Loss (%)

Region	Grid Gross Loss (%)
Eastern	9.17
Western	5.76
ERCOT	7.03
Alaska	8.66
Hawaii	7.69
<b>U.S.</b>	<b>8.33</b>

## 10. eGRID2012 State Emissions and Input Emission Rates

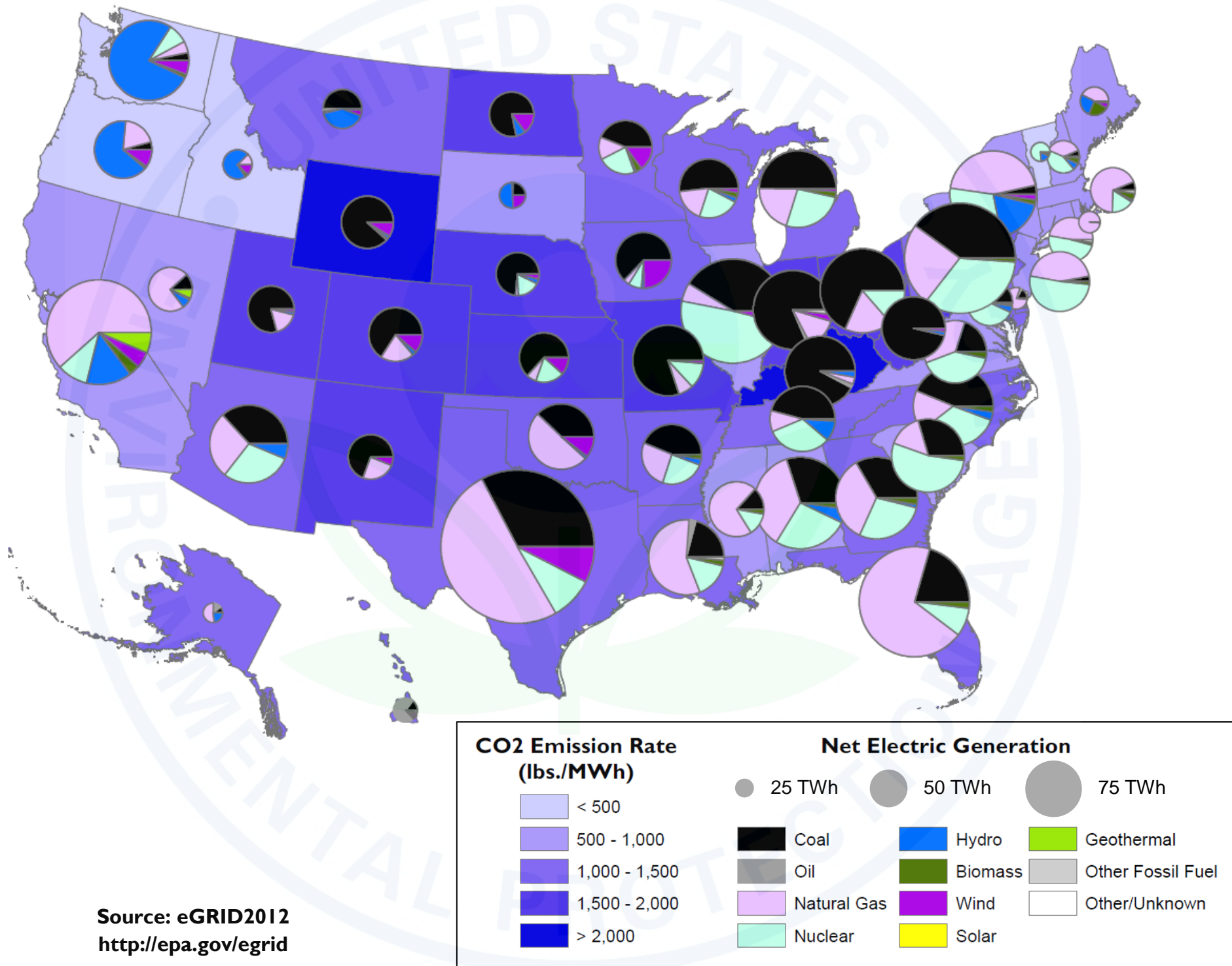
State	Nitrogen oxides (NO <sub>x</sub> )				Sulfur dioxide (SO <sub>2</sub> )		Carbon dioxide (CO <sub>2</sub> )		Methane (CH <sub>4</sub> )	Nitrous oxide (N <sub>2</sub> O)	Carbon dioxide equivalent (CO <sub>2</sub> e)
	Emissions (tons)	Input emission rate (lb/MMBtu)	Ozone season emissions (tons)	Ozone season input emission rate (lb/MMBtu)	Emissions (tons)	Input emission rate (lb/MMBtu)	Emissions (tons)	Input emission rate (lb/MMBtu)	Emissions (lbs)	Emissions (lbs)	Emissions (tons)
AK	11728.39	0.4248	4818.86	0.4385	2384.25	0.0864	3,766,232.7	136.43	170,189.7	46,156.7	3,775,174.0
AL	49346.43	0.1050	24871.13	0.1087	137191.46	0.2918	76,372,600.9	162.46	2,944,703.1	2,041,775.6	76,719,995.5
AR	37359.33	0.1618	17430.69	0.1577	82001.39	0.3552	40,020,363.7	173.36	1,562,067.5	1,244,521.8	40,229,666.2
AZ	49017.27	0.1462	21695.77	0.1345	21055.10	0.0628	58,602,854.8	174.84	1,724,213.4	1,588,514.7	58,867,178.8
CA	18268.77	0.0357	8645.91	0.0376	17622.66	0.0345	57,165,609.7	111.84	6,596,594.8	894,245.8	57,373,339.8
CO	51081.16	0.2232	23006.63	0.2237	41588.09	0.1817	43,843,974.1	191.56	1,063,915.8	1,320,662.8	44,059,835.2
CT	4385.74	0.0600	2208.79	0.0664	19617.59	0.2685	9,332,621.5	127.72	2,009,867.9	264,162.7	9,394,670.3
DC	45.36	0.1309	26.97	0.1447	23.10	0.0667	44,221.2	127.66	2,367.3	350.4	44,300.4
DE	2412.33	0.0599	1264.42	0.0625	3279.30	0.0814	5,424,329.7	134.63	184,373.8	78,240.4	5,438,386.9
FL	72573.66	0.0840	35418.09	0.0857	142273.76	0.1646	125,651,562.0	145.39	8,748,624.0	2,690,783.8	126,160,137.9
GA	38558.19	0.0978	16537.20	0.0815	115772.35	0.2938	65,893,467.8	167.20	2,403,508.2	1,804,357.7	66,198,380.1
HI	15333.42	0.3349	6256.60	0.3291	25283.44	0.5523	7,699,913.5	168.19	880,985.7	199,607.3	7,740,103.0
IA	36946.08	0.1895	16579.87	0.1869	96060.26	0.4926	39,703,157.9	203.60	914,611.3	1,301,654.2	39,914,140.8
ID	649.87	0.0695	229.16	0.0535	776.63	0.0831	885,058.9	94.68	143,366.7	26,625.3	890,691.2
IL	58676.99	0.1186	23716.72	0.1051	167044.47	0.3378	98,493,066.0	199.15	2,284,823.0	3,096,563.1	98,997,023.9
IN	106788.30	0.1917	45383.55	0.1826	280009.33	0.5027	109,335,741.6	196.29	2,645,075.2	3,476,021.9	109,902,298.3
KS	34307.96	0.1944	16700.91	0.1924	32927.81	0.1866	35,312,851.8	200.14	820,114.2	1,113,954.1	35,494,125.9
KY	80461.03	0.1743	36021.19	0.1735	186531.72	0.4041	93,278,019.4	202.09	2,171,107.4	3,115,383.1	93,783,700.4
LA	57596.35	0.1412	27903.34	0.1430	94601.58	0.2319	59,664,031.3	146.23	2,404,235.3	1,163,119.6	59,869,559.3
MA	11083.45	0.0891	3206.11	0.0514	27474.68	0.2209	16,287,831.5	130.98	2,872,403.6	450,408.3	16,387,805.1
MD	17762.97	0.1464	8431.79	0.1314	33960.21	0.2799	22,269,423.2	183.52	1,276,615.9	719,514.9	22,394,352.5
ME	4536.44	0.1007	1581.94	0.0814	9937.79	0.2205	4,056,809.3	90.03	1,951,507.9	277,885.7	4,120,372.4
MI	71122.96	0.1817	31489.24	0.1699	204752.48	0.5230	71,154,710.4	181.74	3,027,319.3	2,247,953.6	71,534,912.4
MN	30490.58	0.1823	12141.84	0.1644	29425.86	0.1760	30,282,137.1	181.10	2,382,107.5	1,112,529.7	30,479,565.6
MO	72777.44	0.1862	35742.01	0.1937	148577.63	0.3801	79,170,368.7	202.56	1,817,465.0	2,562,970.0	79,586,487.8
MS	20935.08	0.1067	11216.50	0.1140	39046.53	0.1989	26,741,087.0	136.23	1,190,006.1	445,222.4	26,822,591.5
MT	18086.67	0.2100	6045.49	0.2077	25992.63	0.3017	17,863,470.4	207.36	400,813.4	583,315.9	17,958,092.9
NC	48807.76	0.1408	23611.01	0.1395	60973.29	0.1760	61,760,659.6	178.23	2,669,867.9	1,970,798.0	62,094,166.9
ND	48794.93	0.3168	20763.77	0.3224	86794.80	0.5636	33,454,500.2	217.22	719,669.8	1,074,306.0	33,628,574.2
NE	28440.45	0.2100	11834.00	0.2027	63840.56	0.4713	28,008,190.7	206.76	628,880.0	918,519.8	28,157,164.6
NH	3598.88	0.0828	1248.76	0.0671	3324.05	0.0765	4,920,946.3	113.24	1,441,319.2	235,472.1	4,972,578.3
NJ	6494.48	0.0500	3744.45	0.0534	12195.68	0.0940	16,860,463.9	129.91	1,436,774.7	287,520.8	16,920,115.8
NM	60305.34	0.3502	27327.22	0.3390	16564.06	0.0962	32,310,828.2	187.64	800,732.6	952,779.6	32,466,916.7
NV	9756.65	0.0822	5038.84	0.0855	4876.18	0.0411	16,119,342.4	135.79	551,201.7	201,328.5	16,156,336.0
NY	23118.18	0.0738	11030.94	0.0705	34220.30	0.1092	38,169,117.1	121.83	3,324,160.7	561,770.0	38,289,788.0
OH	87353.25	0.1584	40997.48	0.1611	348748.84	0.6324	104,821,036.4	190.08	2,645,130.3	3,182,766.7	105,342,121.2
OK	68415.01	0.2087	33251.21	0.1961	78711.17	0.2401	53,328,418.3	162.65	1,589,071.8	1,225,751.6	53,535,095.1
OR	4522.92	0.0726	1369.86	0.0718	14399.06	0.2312	7,896,254.3	126.79	665,314.4	186,427.9	7,932,136.4
PA	133396.37	0.1992	63111.56	0.2074	279451.59	0.4174	118,496,909.6	176.99	5,293,017.5	3,486,416.1	119,092,738.2
RI	762.17	0.0236	380.09	0.0238	35.62	0.0011	3,768,286.1	116.71	148,274.5	14,973.0	3,772,163.8
SC	21243.79	0.0974	9568.15	0.0946	54472.96	0.2497	37,176,847.9	170.41	1,684,240.0	1,197,347.9	37,380,121.3
SD	10849.69	0.6564	4559.75	0.6153	12403.15	0.7504	3,358,271.8	203.17	77,327.0	107,308.6	3,375,716.5
TN	23869.57	0.1084	11456.37	0.1038	69210.21	0.3143	42,463,377.1	192.82	1,126,716.7	1,342,973.9	42,683,368.6
TX	150149.67	0.0946	70889.70	0.0906	410195.38	0.2585	258,352,875.5	162.84	7,671,865.4	5,623,891.9	259,305,005.5
UT	51961.45	0.2804	22287.72	0.2713	23116.61	0.1248	35,475,233.4	191.45	871,733.2	1,103,711.6	35,655,461.9
VA	24925.47	0.1296	12319.67	0.1262	41121.56	0.2139	28,892,649.6	150.28	2,438,306.3	811,218.6	29,043,990.7
VT	196.71	0.0742	101.11	0.0934	60.10	0.0227	13,780.1	5.20	341,084.3	45,542.0	24,420.5
WA	6848.53	0.1335	2434.22	0.1296	6357.58	0.1239	7,342,211.5	143.10	892,265.5	280,845.7	7,394,968.1
WI	27372.34	0.1165	12922.98	0.1146	71901.90	0.3061	43,242,292.9	184.08	1,807,488.0	1,401,191.1	43,478,456.1
WV	50578.41	0.1450	23312.06	0.1482	88849.23	0.2546	72,352,646.6	207.36	1,622,530.6	2,427,499.4	72,745,945.5
WY	49592.64	0.1984	19613.45	0.1939	50386.32	0.2015	52,023,827.5	208.08	1,159,613.9	1,719,605.7	52,302,542.3
U.S.	1,913,686.86	0.1427	871,745.09	0.1379	3,817,422.30	0.2847	2,298,924,483.4	171.43	96,199,568.7	64,226,468.3	2,309,886,780.4



## 11. eGRID2012 State Resource Mix

State	Nameplate capacity (MW)	Net generation (MWh)	Generation Resource Mix (percent)										
			Coal	Oil	Gas	Other Fossil	Nuclear	Hydro	Biomass	Wind	Solar	Geo-thermal	Other unknown/purchased fuel
AK	2,762.0	6,928,294.5	9.8864	14.9786	52.0863	0.0000	0.0000	22.7335	0.0370	0.2781	0.0000	0.0000	0.0000
AL	36,284.1	153,105,217.0	29.7880	0.0716	36.3835	0.1160	26.6753	4.8563	2.1094	0.0000	0.0000	0.0000	0.0000
AR	18,689.2	65,005,677.9	43.7361	0.0501	26.3322	0.0468	23.8335	3.4472	2.5542	0.0000	0.0000	0.0000	0.0000
AZ	35,774.8	110,614,113.4	36.2663	0.0379	27.3880	0.0000	28.8697	6.1442	0.2125	0.2255	0.8559	0.0000	0.0000
CA	97,737.5	199,189,655.8	0.6317	0.8499	60.0661	0.0908	9.2913	13.7605	3.1494	4.8624	0.6829	6.2850	0.3299
CO	16,952.1	52,547,910.6	65.6944	0.0210	20.0283	0.0000	0.0000	2.3840	0.1104	11.3458	0.3108	0.0000	0.1054
CT	10,902.7	35,557,337.4	0.2696	0.3024	46.5113	2.0675	48.0292	0.8855	1.9346	0.0000	0.0000	0.0000	0.0000
DC	860.8	71,786.8	0.0000	13.0929	86.9071	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
DE	3,999.4	8,633,823.3	16.4782	3.0733	78.9306	0.0000	0.0000	0.0000	1.2145	0.0421	0.2613	0.0000	0.0000
FL	83,533.4	221,099,929.6	20.0300	0.6223	67.7068	0.6277	8.0823	0.0681	1.9807	0.0000	0.0876	0.0000	0.7946
GA	48,472.3	122,014,744.3	33.3690	0.3118	34.6502	0.0423	27.8176	1.1461	2.6617	0.0000	0.0013	0.0000	0.0000
HI	3,081.6	10,469,268.7	14.6843	71.9229	0.0000	3.4161	0.0000	1.0945	2.7325	3.6128	0.0440	2.4930	0.0000
IA	18,509.8	56,602,145.7	62.4205	0.1883	3.4290	0.0226	7.6799	1.3536	0.2441	24.6620	0.0000	0.0000	0.0000
ID	5,388.7	15,499,089.3	0.4951	0.0001	12.2470	0.0000	0.0000	70.5874	3.5439	12.1979	0.0000	0.4818	0.4469
IL	59,211.6	197,522,001.0	40.9204	0.1015	5.6647	0.1035	48.8054	0.0563	0.3115	3.8899	0.0155	0.0000	0.1314
IN	37,915.2	114,878,967.3	80.6452	1.1142	12.5967	1.8951	0.0000	0.3774	0.2932	2.7943	0.0000	0.0000	0.2840
KS	15,927.4	44,286,624.6	63.1851	0.0776	6.4575	0.0000	18.7075	0.0235	0.1295	11.4193	0.0000	0.0000	0.0000
KY	28,259.8	89,957,452.2	91.9999	1.7081	3.2875	0.0090	0.0000	2.6254	0.3700	0.0000	0.0000	0.0000	0.0000
LA	30,604.9	103,347,602.4	20.7280	2.9317	56.6231	1.2867	15.1519	0.6579	2.3513	0.0000	0.0000	0.0000	0.2693
MA	16,284.9	36,198,121.5	5.9034	0.4821	68.1593	2.4200	16.1874	1.6712	4.8471	0.2477	0.0818	0.0000	0.0000
MD	14,595.8	37,808,347.2	42.8074	0.3632	13.0788	1.0541	35.9161	4.3814	1.4925	0.8508	0.0557	0.0000	0.0000
ME	5,527.8	14,420,135.4	0.3139	0.5809	41.9115	2.2748	0.0000	25.8847	22.3179	6.0919	0.0000	0.0000	0.6245
MI	34,036.7	108,166,077.4	49.1249	0.3006	20.1064	0.6499	25.9043	0.4082	2.4593	1.0463	0.0000	0.0000	0.0000
MN	18,009.4	52,193,624.2	43.5355	0.0567	13.5806	0.5017	22.8836	1.0749	3.5404	14.5907	0.0000	0.0000	0.2358
MO	24,141.3	91,804,321.4	79.2719	0.0732	6.7293	0.0215	11.6752	0.8145	0.0586	1.3559	0.0000	0.0000	0.0000
MS	19,469.2	54,584,295.2	13.2125	0.0313	70.6245	0.0000	13.3667	0.0000	2.7649	0.0000	0.0000	0.0000	0.0000
MT	6,693.6	27,795,017.1	50.3234	1.6801	1.6694	0.0000	0.0000	40.5953	0.0000	4.5044	0.0000	0.0000	1.2275
NC	39,312.0	116,971,226.6	43.5425	0.1524	16.5015	0.1204	33.6712	3.4585	2.1924	0.0000	0.0953	0.0000	0.2659
ND	7,390.6	36,125,158.9	78.1017	0.1884	0.0601	0.0029	0.0000	6.8574	0.0153	14.6007	0.0000	0.0000	0.1736
NE	9,084.1	34,200,814.9	73.1539	0.0660	2.2517	0.0000	16.9633	3.6755	0.1846	3.7050	0.0000	0.0000	0.0000
NH	4,720.9	19,264,434.9	6.5806	0.1124	36.5944	0.3283	42.5093	6.6931	6.0986	1.0833	0.0000	0.0000	0.0000
NJ	23,680.2	65,232,564.1	2.9088	0.4911	43.3601	0.7771	50.7572	-0.2383	1.5070	0.0177	0.4192	0.0000	0.0000
NM	9,965.1	36,635,909.3	68.2228	0.1260	24.0175	0.0000	0.0000	0.6082	0.0389	6.0754	0.9111	0.0000	0.0000
NV	17,929.0	35,142,774.0	11.6082	0.0537	72.9785	0.0208	0.0000	6.9443	0.0540	0.3665	1.2842	6.6560	0.0339
NY	48,055.8	135,662,526.5	3.3547	0.4277	43.8310	0.6904	30.0559	17.8021	1.6067	2.1927	0.0389	0.0000	0.0000
OH	39,660.3	129,741,418.3	65.9686	0.9881	17.4690	0.7483	13.1700	0.3192	0.5523	0.7596	0.0249	0.0000	0.0000
OK	25,816.9	77,757,667.7	37.6834	0.0138	50.1852	0.0125	0.0000	1.3231	0.4675	10.3146	0.0000	0.0000	0.0000
OR	18,972.1	60,612,559.4	4.3462	0.0098	19.1787	0.0671	0.0000	65.0148	1.3881	9.9579	0.0106	0.0268	0.0000
PA	54,685.0	223,416,431.4	39.0071	0.1614	23.7508	0.6207	33.6477	0.8050	1.0417	0.9528	0.0129	0.0000	0.0000
RI	2,052.2	8,309,035.9	0.0000	0.2151	98.5072	0.0000	0.0000	0.0513	1.2097	0.0166	0.0000	0.0000	0.0000
SC	26,596.0	96,755,682.3	29.3483	0.1120	14.8124	0.1098	52.8603	0.5418	2.2153	0.0000	0.0000	0.0000	0.0000
SD	4,432.9	12,017,722.0	24.2871	0.0476	1.7815	0.0000	0.0000	49.6307	0.0000	24.2531	0.0000	0.0000	0.0000
TN	25,710.6	77,385,936.5	45.7697	0.1867	10.4349	0.0181	32.4375	10.0878	1.0038	0.0614	0.0000	0.0000	0.0000
TX	135,365.8	429,697,350.7	32.1604	0.8878	49.7795	0.1567	8.9461	0.1360	0.3920	7.4459	0.0275	0.0000	0.0681
UT	8,826.7	39,400,420.8	78.1695	0.1110	16.6929	0.0113	0.0000	1.8979	0.1516	1.7866	0.0041	0.8493	0.3259
VA	29,875.0	70,739,234.7	20.0466	0.5145	35.3944	0.5406	40.6046	-0.4549	3.3541	0.0000	0.0000	0.0000	0.0000
VT	1,276.0	6,568,121.0	0.0000	0.0521	0.0387	0.0000	75.9629	16.8877	5.3776	1.6275	0.0535	0.0000	0.0000
WA	32,149.1	116,834,423.7	3.2208	0.3698	4.6541	0.0568	7.9888	76.6109	1.3833	5.6479	0.0007	0.0000	0.0669
WI	21,870.5	63,742,909.9	51.3915	0.4982	18.1071	0.0702	22.4332	2.3881	2.6176	2.4435	0.0000	0.0000	0.0506
WV	18,416.3	73,413,404.2	95.7147	0.1954	0.3309	0.0431	0.0000	1.9498	0.0144	1.7518	0.0000	0.0000	0.0000
WY	9,925.5	49,588,606.1	87.5438	0.1263	1.0343	0.5479	0.0000	1.8018	0.0000	8.8107	0.0000	0.0000	0.1351
U.S.	1,309,394.6	4,045,517,914.7	37.4156	0.7034	30.2949	0.3683	19.0169	6.7030	1.4404	3.4476	0.1035	0.3842	0.1221

# eGRID2012 Generation by Fuel Type and CO<sub>2</sub> Emission Rates



Source: eGRID2012  
<http://epa.gov/egrid>