eGRID2012 GHG Annual Output Emission Rates

Annual total output emission rates for greenhouse gases (GHGs) can be used as default factors for estimating GHG emissions from electricity use when developing a carbon footprint or emission inventory. Annual non-baseload output emission rates should not be used for those purposes, but can be used to estimate GHG emissions reductions from reductions in electricity use.

eGRID subregion acronym	eGRID subregion name	Annual total output emission rates			Annual non-baseload output emission rates		
		Carbon dioxide (CO_2) (lb/MWh)	Methane (CH_4) (lb/GWh)	Nitrous oxide (N_2O) (lb/GWh)	Carbon dioxide (CO_2) (lb/MWh)	Methane (CH_4) (lb/GWh)	Nitrous oxide (N_2O) (lb/GWh)
AKGD	ASCC Alaska Grid	1,268.73	26.34	7.59	1,377.77	28.66	3.38
AKMS	ASCC Miscellaneous	481.17	18.65	3.55	1,404.49	55.64	10.70
AZNM	WECC Southwest	1,152.89	18.65	15.11	1,236.02	21.56	10.52
CAMX	WECC California	650.31	31.12	5.67	1,018.87	37.61	6.04
ERCT	ERCOT All	1,143.04	16.70	12.33	1,280.59	21.53	10.71
FRCC	FRCC All	1,125.35	40.05	11.85	1,333.93	38.81	13.79
HIMS	HICC Miscellaneous	1,200.10	68.08	12.68	1,331.47	96.82	17.15
HIOA	HICC Oahu	1,576.38	90.41	21.55	1,402.27	118.01	19.43
MROE	MRO East	1,522.57	24.30	25.55	1,739.00	30.17	26.26
MROW	MRO West	1,425.15	27.60	24.26	1,965.21	52.60	32.72
NEWE	NPCC New England	637.90	72.84	10.71	1,079.73	67.70	12.90
NWPP	WECC Northwest	665.75	12.60	10.38	1,579.07	38.30	22.84
NYCW	NPCC NYC/Westchester	696.70	25.51	2.93	1,081.11	22.50	2.32
NYLI	NPCC Long Island	1,201.20	78.20	9.87	1,303.42	31.40	3.56
NYUP	NPCC Upstate NY	408.80	15.59	3.83	1,228.56	39.00	13.04
RFCE	RFC East	858.56	26.44	11.49	1,492.01	32.74	18.69
RFCM	RFC Michigan	1,569.23	30.36	24.12	1,856.21	33.91	28.72
RFCW	RFC West	1,379.48	17.11	21.67	1,791.71	21.76	27.85
RMPA	WECC Rockies	1,822.65	21.66	28.13	1,669.58	22.89	20.66
SPNO	SPP North	1,721.65	20.22	27.14	2,112.08	26.11	30.63
SPSO	SPP South	1,538.63	23.75	19.98	1,590.13	27.60	16.19
SRMV	SERC Mississippi Valley	1,052.92	20.95	10.61	1,301.65	27.43	9.75
SRMW	SERC Midwest	1,710.75	19.58	27.50	1,917.96	23.29	28.84
SRSO	SERC South	1,149.05	22.66	15.49	1,696.79	28.17	24.83
SRTV	SERC Tennessee Valley	1,337.15	17.39	20.78	1,743.96	22.84	26.11
SRVC	SERC Virginia/Carolina	932.87	23.95	14.60	1,790.57	53.10	29.94
U.S.		**1,136.53**	**23.78**	**15.88**	**1,549.36**	**30.99**	**19.86**

Map of eGRID Subregions

