

eGRID2014 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 emissions 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 ₂ O) (lb/GWh)	Carbon dioxide (CO ₂) (lb/MWh)	Methane (CH ₄) (lb/GWh)	Nitrous oxide (N ₂ O) (lb/GWh)
AKGD	ASCC Alaska Grid	950.5	49.3	7.6	905.3	42.3	6.9
AKMS	ASCC Miscellaneous	682.3	36.8	6.1	1,011.9	48.0	8.3
AZNM	WECC Southwest	878.5	66.5	9.3	946.2	50.9	6.9
CAMX	WECC California	619.9	36.7	4.5	599.8	24.2	2.9
ERCT	ERCOT All	1,103.2	66.6	9.2	1,069.2	47.0	6.3
FRCC	FRCC All	1,088.7	88.4	12.1	1,173.3	80.8	11.0
HIMS	HICC Miscellaneous	946.3	100.5	15.9	1,041.2	117.8	18.4
HIOA	HICC Oahu	1,617.1	175.2	26.9	1,460.5	136.2	22.0
MROE	MRO East	1,267.5	150.8	22.2	1,720.2	194.0	28.4
MROW	MRO West	1,248.5	148.4	21.5	1,108.5	131.0	18.8
NEWE	NPCC New England	578.2	98.0	13.2	948.7	98.4	13.4
NWPP	WECC Northwest	915.7	98.9	14.4	582.4	57.9	8.3
NYCW	NPCC NYC/Westchester	699.4	25.0	3.0	1,249.8	24.7	2.8
NYLI	NPCC Long Island	1,229.1	133.0	17.3	1,341.0	43.5	5.7
NYUP	NPCC Upstate NY	377.2	32.3	4.4	801.8	60.7	8.3
RFCE	RFC East	852.9	75.6	11.5	1,393.5	113.4	16.4
RFCM	RFC Michigan	1,553.9	171.1	24.6	1,724.8	176.7	25.4
RFCW	RFC West	1,497.1	161.3	23.7	1,812.7	185.8	27.4
RMPA	WECC Rockies	1,774.0	185.3	26.8	1,334.3	122.9	17.6
SPNO	SPP North	1,458.6	160.8	23.3	1,519.7	162.2	23.5
SPSO	SPP South	1,586.3	150.1	21.8	1,483.0	127.8	18.4
SRMV	SERC Mississippi Valley	1,160.0	90.3	13.0	1,340.7	97.0	13.8
SRMW	SERC Midwest	1,606.8	187.5	27.3	1,846.3	210.8	30.6
SRSO	SERC South	1,144.5	105.4	15.6	1,303.0	117.9	17.4
SRTV	SERC Tennessee Valley	1,368.1	142.1	20.7	1,672.9	161.4	23.4
SRVC	SERC Virginia/Carolina	862.3	99.7	14.4	1,285.6	132.7	19.0
U.S.		1,143.0	112.3	16.2	1,253.2	218.4	31.3

Map of eGRID Subregions

