

CSR Code	CSR	lbs CO <sub>2</sub> e per KBTU	lbs CO <sub>2</sub> per KBTU	Multiply by GWP 21 to get	Multiply by GWP 310 to get	Source
				CO <sub>2</sub> e	CO <sub>2</sub> e	
				lbs CH <sub>4</sub> per KBTU	lbs N <sub>2</sub> O per KBTU	
AGO	Country	0.250005144	0.249285775	8.66709E-06	1.73342E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
ALB	Country	0.032907608	0.032772931	1.62262E-06	3.24523E-07	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
ANT	Country	0.514464258	0.512271153	2.6423E-05	5.28459E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
ARE	Country	0.491443851	0.491016413	7.78383E-06	8.51541E-07	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
ARG	Country	0.204893542	0.204612975	3.68595E-06	6.55363E-07	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
ARM	Country	0.149072425	0.148753242	6.13814E-06	6.13814E-07	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
AUT	Country	0.127944678	0.127478416	2.43746E-06	1.33895E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
AZE	Country	0.398171821	0.396215879	2.5438E-05	4.58627E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
BEL	Country	0.187044296	0.186437129	2.71519E-06	1.77467E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
BEN	Country	0.443356061	0.441310205	6.31396E-06	6.17182E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
BGD	Country	0.404371738	0.403503971	1.52009E-05	1.76951E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
BGR	Country	0.320768144	0.31791475	1.91352E-06	8.72872E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
BHR	Country	0.566565297	0.566174714	7.51121E-06	7.51121E-07	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
BIH	Country	0.501014297	0.497775726	6.93761E-06	9.97704E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
BLR	Country	0.211330351	0.210329111	1.57734E-05	2.16129E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
BOL	Country	0.259635001	0.259304833	4.71383E-06	7.45734E-07	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
BRA	Country	0.060232692	0.059985349	1.62091E-06	6.88078E-07	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
BRN	Country	0.536709615	0.535988848	1.34969E-05	1.37849E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
BWA	Country	0.443356061	0.441310205	6.31396E-06	6.17182E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
CAN	Country	0.144871968	0.144115346	2.52169E-06	2.26989E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
CHE	Country	0.014262501	0.014249351	1.91352E-07	2.9457E-08	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
CHL	Country	0.215760236	0.214845231	3.78806E-06	2.69502E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
CHN	Country	0.546104244	0.542218504	9.42019E-06	1.18965E-05	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
CIV	Country	0.264103405	0.263763187	6.33007E-06	6.68665E-07	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
CMR	Country	0.010384719	0.010342158	5.12784E-07	1.02557E-07	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
COD	Country	0.002445353	0.002439399	7.1729E-08	1.4346E-08	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
COG	Country	0.443356061	0.441310205	6.31396E-06	6.17182E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
COL	Country	0.101971709	0.101562992	1.80625E-06	1.19608E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
CRI	Country	0.009575951	0.009545254	3.69835E-07	7.3968E-08	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
CUB	Country	0.715422155	0.713300832	2.55587E-05	5.11159E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
CYP	Country	0.552208497	0.55016129	2.46651E-05	4.93303E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
CZE	Country	0.392741972	0.390485488	5.05671E-06	6.93643E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
DEU	Country	0.349745323	0.348097803	4.11475E-06	5.03584E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
DNK	Country	0.233399234	0.231573691	7.63303E-06	5.37177E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
DOM	Country	0.50051421	0.497871755	2.8805E-05	6.57274E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
DZA	Country	0.486698358	0.486171345	9.73198E-06	1.04078E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
ECU	Country	0.166300115	0.165484958	9.84152E-06	1.96286E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
EGY	Country	0.282170615	0.28163	8.81755E-06	1.1466E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
ERI	Country	0.477699334	0.475637382	2.48428E-05	4.96856E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
ESP	Country	0.287821156	0.286432292	5.96507E-06	4.07612E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
EST	Country	0.505709489	0.49979811	1.34742E-05	1.81562E-05	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
ETH	Country	0.006815226	0.006793874	2.57255E-07	5.1452E-08	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
FIN	Country	0.155252831	0.154502787	2.55341E-06	2.24653E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
FRA	Country	0.053617068	0.053411346	8.80925E-07	6.03943E-07	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
GAB	Country	0.201524359	0.201032179	6.53436E-06	1.14503E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
GEO	Country	0.088418682	0.088261814	2.53506E-06	3.34297E-07	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
GHA	Country	0.097562336	0.097190501	4.47994E-06	8.95989E-07	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
GIB	Country	0.564604007	0.561832639	3.339E-05	6.67799E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
GRC	Country	0.575418908	0.572935834	9.3896E-06	7.37385E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
GTM	Country	0.271805872	0.27033832	1.33604E-05	3.82898E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
HND	Country	0.188446895	0.187558695	1.07012E-05	2.14024E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
HRV	Country	0.334229281	0.331431069	8.40155E-06	8.45735E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
HTI	Country	0.226054686	0.224222388	2.20759E-05	4.41518E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
HUN	Country	0.28357245	0.282352976	6.52181E-06	3.49199E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
IDN	Country	0.468367	0.466377056	1.31849E-05	5.52601E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
IND	Country	0.649480052	0.6453309	1.07505E-05	1.26561E-05	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
IRL	Country	0.453165549	0.451412479	1.04853E-05	4.94477E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
IRN	Country	0.387336819	0.386523536	1.21093E-05	1.80319E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
IRQ	Country	0.482505552	0.480462842	2.4611E-05	4.92219E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
ISL	Country	0.000883196	0.000881816	1.6632E-08	3.326E-09	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
ISR	Country	0.544914123	0.542034089	1.14307E-05	8.51609E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
ITA	Country	0.340114762	0.338907997	1.14541E-05	3.11687E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
JAM	Country	0.531205623	0.529212893	2.40088E-05	4.80176E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
JOR	Country	0.502703141	0.500696014	2.44672E-05	4.81715E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
JPN	Country	0.270750941	0.269705027	5.41964E-06	3.00678E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
KAZ	Country	0.839764586	0.835202079	1.2199E-05	1.38914E-05	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
KEN	Country	0.25470744	0.253987535	8.67355E-06	1.73471E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
KGZ	Country	0.066316956	0.06598261	1.34898E-06	1.08393E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
KOR	Country	0.408909458	0.407313489	4.73195E-06	4.82774E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
KWT	Country	0.512135622	0.510415506	2.15208E-05	4.0909E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
LBN	Country	0.489227204	0.487075958	2.59186E-05	5.18372E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
LBY	Country	0.742152219	0.740238978	2.3899E-05	4.55272E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
LKA	Country	0.249422843	0.247965662	1.75564E-05	3.51128E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
LTU	Country	0.107118517	0.106826688	4.06618E-06	6.65934E-07	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
LUX	Country	0.250937354	0.249831437	4.48379E-06	3.26373E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
LVA	Country	0.334229281	0.331431069	8.40155E-06	8.45735E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
MAR	Country	0.52598735	0.522794618	1.21077E-05	9.47894E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls

MDA	Country	0.334229281	0.331431069	8.40155E-06	8.45735E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
MEX	Country	0.384066137	0.383377581	1.08287E-05	1.48759E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
MKD	Country	0.504283786	0.499124338	1.16975E-05	1.5851E-05	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
MLT	Country	0.587414952	0.584209583	3.86189E-05	7.72378E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
MMR	Country	0.29548328	0.294529093	1.50948E-05	2.05547E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
MOZ	Country	0.443356061	0.441310205	6.31396E-06	6.17182E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
MYS	Country	0.342098562	0.341098066	1.28211E-05	2.35888E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
NAM	Country	0.443356061	0.441310205	6.31396E-06	6.17182E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
NGA	Country	0.240850886	0.240275526	9.32679E-06	1.22418E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
NIC	Country	0.422211788	0.419947283	2.72832E-05	5.45664E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
NLD	Country	0.310496026	0.309374857	6.44687E-06	3.17997E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
NOR	Country	0.003436364	0.00343318	1.9038E-08	8.98E-09	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
NPL	Country	0.008634285	0.008584287	6.02384E-07	1.20476E-07	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
NZL	Country	0.102619426	0.10240957	1.98514E-06	5.42478E-07	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
OMN	Country	0.553770878	0.55300759	1.17684E-05	1.66501E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
PAK	Country	0.313168574	0.311642028	2.03245E-05	3.54752E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
PAN	Country	0.185691234	0.184805761	1.06683E-05	2.13367E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
PER	Country	0.096023216	0.095680468	3.45225E-06	8.71778E-07	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
PHL	Country	0.341603582	0.339836689	1.004E-05	5.01953E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
POL	Country	0.474705064	0.471497014	7.00537E-06	9.87399E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
PRK	Country	0.319819795	0.318370192	4.89945E-06	4.34424E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
PRT	Country	0.33205436	0.330432608	9.42649E-06	4.59289E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
PRY	Country	0.720413E-05	0.000071853	2.265E-09	4.54E-10	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
QAT	Country	0.557302305	0.556913911	7.46913E-06	7.46912E-07	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
ROM	Country	0.2774908	0.275022604	9.32489E-06	7.33024E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
RUS	Country	0.228283003	0.226757681	8.90764E-06	4.31697E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
SAU	Country	0.528296306	0.526958088	1.73029E-05	3.1447E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
SDN	Country	0.349807971	0.348755596	1.26792E-05	2.53584E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
SEN	Country	0.578400058	0.576367609	2.45049E-05	4.89627E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
SGP	Country	0.474552872	0.472523213	2.58257E-05	4.7978E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
SLV	Country	0.195976496	0.195030508	1.13974E-05	2.27949E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
SVK	Country	0.19233267	0.191635273	2.30899E-06	2.09325E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
SVN	Country	0.240126711	0.238202352	4.35261E-06	5.91276E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
SWE	Country	0.030839055	0.030735403	5.93876E-07	2.94132E-07	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
SYR	Country	0.424961124	0.423407178	2.02196E-05	3.64302E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
TGO	Country	0.443356061	0.441310205	6.31396E-06	6.17182E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
THA	Country	0.378070035	0.3768242	1.27104E-05	3.1578E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
TJK	Country	0.024565991	0.024551086	2.86635E-07	2.8662E-08	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
TKM	Country	0.554851814	0.554196315	1.26057E-05	1.26058E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
TTO	Country	0.485762327	0.485494368	5.14115E-06	5.16113E-07	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
TUN	Country	0.393756896	0.393152101	1.01197E-05	1.26542E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
TUR	Country	0.378654645	0.377243195	7.33187E-06	4.05639E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
TZA	Country	0.070099883	0.069855796	1.6083E-06	6.7843E-07	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
UKR	Country	0.224799006	0.222656794	6.68719E-06	6.45736E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
URY	Country	0.035933797	0.035783287	1.81338E-06	3.62675E-07	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
USA	Country	0.38699122	0.384951835	7.99205E-06	6.03727E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
UZB	Country	0.322035074	0.321034835	1.2765E-05	2.36185E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
VEN	Country	0.16245106	0.162153423	4.05769E-06	6.85244E-07	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
VNM	Country	0.270678604	0.26972356	8.37709E-06	2.51331E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
YEM	Country	0.667845743	0.665081385	3.33055E-05	6.6611E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
YUG	Country	0.511685806	0.507849004	8.34092E-06	1.18118E-05	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
ZAF	Country	0.591853357	0.588447643	7.00777E-06	1.05115E-05	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
ZMB	Country	0.004486026	0.004471682	1.08788E-07	3.8902E-08	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
ZWE	Country	0.443356061	0.441310205	6.31396E-06	6.17182E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
NULL	Country	0	0	0	0	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
Other	Country	0.279789721	0.278696217	1.05382E-05	2.81355E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
Other	Country	0.379025979	0.37737838	1.98548E-05	3.96983E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
OECD	Country	0.250937354	0.249831437	4.48379E-06	3.26373E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
Centr	Country	0.132232594	0.131820942	3.35759E-06	1.10046E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
Afric	Country	0.443356061	0.441310205	6.31396E-06	6.17182E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
Middl	Country	0.481066413	0.479791438	1.23838E-05	3.27392E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
Non-O	Country	0.525888148	0.522772111	1.0382E-05	9.34843E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
OECD	Country	0.331801519	0.330344492	5.08208E-06	4.38807E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
Non-O	Country	0.334229281	0.331431069	8.40155E-06	8.45735E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
Chine	Country	0.409519503	0.407566485	8.88451E-06	5.69821E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
Other	Country	0.304824189	0.303211596	1.42245E-05	4.23832E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
NULL	Country	0	0	0	0	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
AFG	Country	0.328055364	0.326621308	9.88942E-06	3.95606E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
ASM	Country	0.328055364	0.326621308	9.88942E-06	3.95606E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
AND	Country	0.328055364	0.326621308	9.88942E-06	3.95606E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
AIA	Country	0.328055364	0.326621308	9.88942E-06	3.95606E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
ATA	Country	0.328055364	0.326621308	9.88942E-06	3.95606E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
ATG	Country	0.328055364	0.326621308	9.88942E-06	3.95606E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
ABW	Country	0.328055364	0.326621308	9.88942E-06	3.95606E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
BHS	Country	0.328055364	0.326621308	9.88942E-06	3.95606E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
BRB	Country	0.328055364	0.326621308	9.88942E-06	3.95606E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
BLZ	Country	0.328055364	0.326621308	9.88942E-06	3.95606E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
BMU	Country	0.328055364	0.326621308	9.88942E-06	3.95606E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
BTN	Country	0.328055364	0.326621308	9.88942E-06	3.95606E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls
BVT	Country	0.328055364	0.326621308	9.88942E-06	3.95606E-06	EIA 2002: www.eia.gov/oiarf/1605/excel/electricity_factors_99-02country.xls



SWZ	Country	0.328055364	0.326621308	9.88942E-06	3.95606E-06	EIA 2002: www.eia.gov/oiaf/1605/excel/electricity_factors_99-02country.xls
TWN	Country	0.328055364	0.326621308	9.88942E-06	3.95606E-06	EIA 2002: www.eia.gov/oiaf/1605/excel/electricity_factors_99-02country.xls
TKL	Country	0.328055364	0.326621308	9.88942E-06	3.95606E-06	EIA 2002: www.eia.gov/oiaf/1605/excel/electricity_factors_99-02country.xls
TON	Country	0.328055364	0.326621308	9.88942E-06	3.95606E-06	EIA 2002: www.eia.gov/oiaf/1605/excel/electricity_factors_99-02country.xls
TCA	Country	0.328055364	0.326621308	9.88942E-06	3.95606E-06	EIA 2002: www.eia.gov/oiaf/1605/excel/electricity_factors_99-02country.xls
TUV	Country	0.328055364	0.326621308	9.88942E-06	3.95606E-06	EIA 2002: www.eia.gov/oiaf/1605/excel/electricity_factors_99-02country.xls
UGA	Country	0.328055364	0.326621308	9.88942E-06	3.95606E-06	EIA 2002: www.eia.gov/oiaf/1605/excel/electricity_factors_99-02country.xls
UMI	Country	0.328055364	0.326621308	9.88942E-06	3.95606E-06	EIA 2002: www.eia.gov/oiaf/1605/excel/electricity_factors_99-02country.xls
VUT	Country	0.328055364	0.326621308	9.88942E-06	3.95606E-06	EIA 2002: www.eia.gov/oiaf/1605/excel/electricity_factors_99-02country.xls
VGB	Country	0.328055364	0.326621308	9.88942E-06	3.95606E-06	EIA 2002: www.eia.gov/oiaf/1605/excel/electricity_factors_99-02country.xls
VIR	Country	0.328055364	0.326621308	9.88942E-06	3.95606E-06	EIA 2002: www.eia.gov/oiaf/1605/excel/electricity_factors_99-02country.xls
WLF	Country	0.328055364	0.326621308	9.88942E-06	3.95606E-06	EIA 2002: www.eia.gov/oiaf/1605/excel/electricity_factors_99-02country.xls
ESH	Country	0.328055364	0.326621308	9.88942E-06	3.95606E-06	EIA 2002: www.eia.gov/oiaf/1605/excel/electricity_factors_99-02country.xls
AUS_NSW	State	0.5621	0.5621	0	0	Australian Government NGA July 2013
AUS_ACT	State	0.5621	0.5621	0	0	Australian Government NGA July 2013
AUS_VIC	State	0.756	0.756	0	0	Australian Government NGA July 2013
AUS_QLD	State	0.5298	0.5298	0	0	Australian Government NGA July 2013
AUS_SA	State	0.4006	0.4006	0	0	Australian Government NGA July 2013
AUS_WA	State	0.504	0.504	0	0	Australian Government NGA July 2013
AUS_TAS	State	0.1292	0.1292	0	0	Australian Government NGA July 2013
AUS_NT	State	0.4458	0.4458	0	0	Australian Government NGA July 2013
AUS	Country	0.4458	0.4458	0	0	Australian Government NGA July 2013
GBR	Country	0.28780295	0.2858	8.9225E-06	5.8567E-06	DEFRA 2013
AKGD	Region	0.369163732	0.368351005	7.642E-06	2.10402E-06	eGRID_9th_edition_year_2010_data.xls
AKMS	Region	0.131912587	0.131462831	5.49359E-06	1.07868E-06	eGRID_9th_edition_year_2010_data.xls
ERCT	Region	0.358391654	0.357009565	4.9386E-06	4.1238E-06	eGRID_9th_edition_year_2010_data.xls
FRCC	Region	0.352210788	0.350722429	1.14034E-05	4.02867E-06	eGRID_9th_edition_year_2010_data.xls
HIMS	Region	0.391549145	0.389832616	2.16828E-05	4.06835E-06	eGRID_9th_edition_year_2010_data.xls
HIOA	Region	0.477968741	0.475321506	2.91015E-05	6.56807E-06	eGRID_9th_edition_year_2010_data.xls
MROE	Region	0.47472963	0.472079759	7.11799E-06	8.06578E-06	eGRID_9th_edition_year_2010_data.xls
MROW	Region	0.45282699	0.450262816	8.36067E-06	7.70516E-06	eGRID_9th_edition_year_2010_data.xls
NYLI	Region	0.393011136	0.391575246	2.38811E-05	3.01415E-06	eGRID_9th_edition_year_2010_data.xls
NYCW	Region	0.182813103	0.182412153	6.97752E-06	8.20716E-07	eGRID_9th_edition_year_2010_data.xls
NEWE	Region	0.213239388	0.211618853	2.103E-05	3.80292E-06	eGRID_9th_edition_year_2010_data.xls
NYUP	Region	0.160712594	0.159954351	4.7763E-06	2.12239E-06	eGRID_9th_edition_year_2010_data.xls
RFCE	Region	0.295133362	0.293574009	7.9376E-06	4.49272E-06	eGRID_9th_edition_year_2010_data.xls
RFCM	Region	0.48015073	0.477524697	8.92818E-06	7.86626E-06	eGRID_9th_edition_year_2010_data.xls
RFCW	Region	0.442984111	0.440623767	5.33512E-06	7.2526E-06	eGRID_9th_edition_year_2010_data.xls
SRMW	Region	0.533513928	0.530700977	6.00312E-06	8.66737E-06	eGRID_9th_edition_year_2010_data.xls
SRMV	Region	0.302913665	0.301809307	6.05582E-06	3.15221E-06	eGRID_9th_edition_year_2010_data.xls
SRSO	Region	0.398884116	0.396845954	6.68832E-06	6.12164E-06	eGRID_9th_edition_year_2010_data.xls
SRTV	Region	0.409279524	0.407134419	5.18624E-06	6.56837E-06	eGRID_9th_edition_year_2010_data.xls
SRVC	Region	0.316391247	0.31465508	6.35718E-06	5.16989E-06	eGRID_9th_edition_year_2010_data.xls
SPNO	Region	0.530094771	0.52736621	6.09799E-06	8.38872E-06	eGRID_9th_edition_year_2010_data.xls
SPSO	Region	0.465266182	0.463229042	6.79255E-06	6.11082E-06	eGRID_9th_edition_year_2010_data.xls
CAMX	Region	0.179735943	0.179013026	8.34962E-06	1.76637E-06	eGRID_9th_edition_year_2010_data.xls
NWPP	Region	0.248222051	0.246935617	4.70382E-06	3.83114E-06	eGRID_9th_edition_year_2010_data.xls
RMPA	Region	0.558672472	0.555879534	6.64093E-06	8.59961E-06	eGRID_9th_edition_year_2010_data.xls
AZNM	Region	0.346671366	0.345124683	5.62893E-06	4.60799E-06	eGRID_9th_edition_year_2010_data.xls
USA_AK	State	0.319402501	0.318665905	7.19138E-06	1.88896E-06	eGRID_9th_edition_year_2010_data.xls
USA_AL	State	0.331845417	0.330207248	5.76682E-06	4.89376E-06	eGRID_9th_edition_year_2010_data.xls
USA_AR	State	0.349322143	0.347528481	5.98009E-06	5.3809E-06	eGRID_9th_edition_year_2010_data.xls
USA_AZ	State	0.321681262	0.320215371	4.52238E-06	4.42233E-06	eGRID_9th_edition_year_2010_data.xls
USA_CA	State	0.150436571	0.149845744	8.99904E-06	1.29628E-06	eGRID_9th_edition_year_2010_data.xls
USA_CO	State	0.535467615	0.53285379	6.51901E-06	7.99008E-06	eGRID_9th_edition_year_2010_data.xls
USA_CT	State	0.181500055	0.180207672	1.74351E-05	2.98789E-06	eGRID_9th_edition_year_2010_data.xls
USA_DC	State	0.666261286	0.663891727	2.85428E-05	5.7102E-06	eGRID_9th_edition_year_2010_data.xls
USA_DE	State	0.452676913	0.45066444	6.64172E-06	6.04192E-06	eGRID_9th_edition_year_2010_data.xls
USA_FL	State	0.36153507	0.359972308	1.14343E-05	4.26659E-06	eGRID_9th_edition_year_2010_data.xls
USA_GA	State	0.37871559	0.376746583	5.80407E-06	5.95846E-06	eGRID_9th_edition_year_2010_data.xls
USA_HI	State	0.454422098	0.452028452	2.70801E-05	5.88698E-06	eGRID_9th_edition_year_2010_data.xls
USA_IA	State	0.478720789	0.476178153	5.45311E-06	7.83265E-06	eGRID_9th_edition_year_2010_data.xls
USA_ID	State	0.038956347	0.038671959	3.57585E-06	6.75148E-07	eGRID_9th_edition_year_2010_data.xls
USA_IL	State	0.316009167	0.314355298	3.60501E-06	5.09085E-06	eGRID_9th_edition_year_2010_data.xls
USA_IN	State	0.589628495	0.586498046	6.8925E-06	9.63131E-06	eGRID_9th_edition_year_2010_data.xls
USA_KS	State	0.489980682	0.487436712	5.59191E-06	7.82755E-06	eGRID_9th_edition_year_2010_data.xls
USA_KY	State	0.610557029	0.607238187	7.06609E-06	1.02273E-05	eGRID_9th_edition_year_2010_data.xls
USA_LA	State	0.329196605	0.328004585	6.8202E-06	3.38321E-06	eGRID_9th_edition_year_2010_data.xls
USA_MA	State	0.313013695	0.311262285	1.98322E-05	4.30624E-06	eGRID_9th_edition_year_2010_data.xls
USA_MD	State	0.39797085	0.395652275	9.9238E-06	6.80702E-06	eGRID_9th_edition_year_2010_data.xls
USA_ME	State	0.144283736	0.141561885	4.16032E-05	5.96189E-06	eGRID_9th_edition_year_2010_data.xls
USA_MI	State	0.413752088	0.411439515	8.24189E-06	6.90159E-06	eGRID_9th_edition_year_2010_data.xls
USA_MN	State	0.384339864	0.3817986	1.42489E-05	7.23238E-06	eGRID_9th_edition_year_2010_data.xls
USA_MO	State	0.540306729	0.537474583	6.09734E-06	8.72291E-06	eGRID_9th_edition_year_2010_data.xls
USA_MS	State	0.330581586	0.329348521	6.06303E-06	3.56691E-06	eGRID_9th_edition_year_2010_data.xls
USA_MT	State	0.440636808	0.438283624	4.8605E-06	7.26166E-06	eGRID_9th_edition_year_2010_data.xls
USA_NC	State	0.348036014	0.346134723	5.2817E-06	5.77541E-06	eGRID_9th_edition_year_2010_data.xls
USA_ND	State	0.575976438	0.57293448	6.17662E-06	9.20413E-06	eGRID_9th_edition_year_2010_data.xls
USA_NE	State	0.428670965	0.426387371	4.75895E-06	7.04405E-06	eGRID_9th_edition_year_2010_data.xls
USA_NH	State	0.164781922	0.163160724	1.91827E-05	3.9302E-06	eGRID_9th_edition_year_2010_data.xls



USA_NJ	State	0.181682443	0.180973174	6.63548E-06	1.83846E-06	eGRID_9th_edition_year_2010_data.xls
USA_NM	State	0.532730534	0.530173186	6.5764E-06	7.80401E-06	eGRID_9th_edition_year_2010_data.xls
USA_NV	State	0.309969863	0.30907064	4.94519E-06	2.56572E-06	eGRID_9th_edition_year_2010_data.xls
USA_NY	State	0.18591729	0.185187242	7.14733E-06	1.87082E-06	eGRID_9th_edition_year_2010_data.xls
USA_OH	State	0.519566835	0.516787751	6.44498E-06	8.52819E-06	eGRID_9th_edition_year_2010_data.xls
USA_OK	State	0.435140265	0.433414482	6.27067E-06	5.14225E-06	eGRID_9th_edition_year_2010_data.xls
USA_OR	State	0.118650051	0.118155441	4.64178E-06	1.28107E-06	eGRID_9th_edition_year_2010_data.xls
USA_PA	State	0.345478275	0.343627412	7.07945E-06	5.49095E-06	eGRID_9th_edition_year_2010_data.xls
USA_RI	State	0.267236481	0.266962336	5.24644E-06	5.28935E-07	eGRID_9th_edition_year_2010_data.xls
USA_SC	State	0.258017123	0.256626334	4.45858E-06	4.18438E-06	eGRID_9th_edition_year_2010_data.xls
USA_SD	State	0.228423565	0.227224917	2.56941E-06	3.69255E-06	eGRID_9th_edition_year_2010_data.xls
USA_TN	State	0.336742599	0.334908489	4.24572E-06	5.62887E-06	eGRID_9th_edition_year_2010_data.xls
USA_TX	State	0.374495455	0.373040142	5.29925E-06	4.33558E-06	eGRID_9th_edition_year_2010_data.xls
USA_UT	State	0.53919089	0.53640332	6.46315E-06	8.55433E-06	eGRID_9th_edition_year_2010_data.xls
USA_VA	State	0.305964943	0.3042226	1.0862E-05	4.88464E-06	eGRID_9th_edition_year_2010_data.xls
USA_VT	State	0.002007717	0.000842081	1.86928E-05	2.49383E-06	eGRID_9th_edition_year_2010_data.xls
USA_WA	State	0.088585634	0.088060559	3.54736E-06	1.45349E-06	eGRID_9th_edition_year_2010_data.xls
USA_WI	State	0.459140602	0.456607892	7.89117E-06	7.63547E-06	eGRID_9th_edition_year_2010_data.xls
USA_WV	State	0.579957218	0.576817498	6.47259E-06	9.68966E-06	eGRID_9th_edition_year_2010_data.xls
USA_WY	State	0.615533024	0.612246098	6.81648E-06	1.01412E-05	eGRID_9th_edition_year_2010_data.xls
CAN_AB	State	0.553597863	0.549185	0.000019383	0.000012922	Greenhouse Gas Division, Environment Canada, National Inventory Report, 1990-2010
CAN_BC	State	0.020270741	0.0200291	3.8766E-06	5.1688E-07	Greenhouse Gas Division, Environment Canada, National Inventory Report, 1990-2010
CAN_MB	State	0.003899343	0.0038766	1.2922E-07	6.461E-08	Greenhouse Gas Division, Environment Canada, National Inventory Report, 1990-2010
CAN_NB	State	0.370013717	0.3676309	1.80908E-05	0.00006461	Greenhouse Gas Division, Environment Canada, National Inventory Report, 1990-2010
CAN_NL	State	0.01300483	0.012922	1.2922E-07	2.5844E-07	Greenhouse Gas Division, Environment Canada, National Inventory Report, 1990-2010
CAN_NT	State	0.247458884	0.2371187	1.55064E-05	0.000032305	Greenhouse Gas Division, Environment Canada, National Inventory Report, 1990-2010
CAN_NS	State	0.499825544	0.497497	1.55064E-05	0.00006461	Greenhouse Gas Division, Environment Canada, National Inventory Report, 1990-2010
CAN_ON	State	0.065146263	0.06461	0.000006461	1.2922E-06	Greenhouse Gas Division, Environment Canada, National Inventory Report, 1990-2010
CAN_PE	State	0.0109837	0.0109837	0	0	Greenhouse Gas Division, Environment Canada, National Inventory Report, 1990-2010
CAN_QC	State	0.001961043	0.0019383	1.2922E-07	6.461E-08	Greenhouse Gas Division, Environment Canada, National Inventory Report, 1990-2010
CAN_SK	State	0.495448863	0.491036	0.000019383	0.000012922	Greenhouse Gas Division, Environment Canada, National Inventory Report, 1990-2010
CAN_YT	State	0.027874046	0.025844	1.2922E-06	0.00006461	Greenhouse Gas Division, Environment Canada, National Inventory Report, 1990-2010
CAN_QB	State	0.001961043	0.0019383	1.2922E-07	6.461E-08	Greenhouse Gas Division, Environment Canada, National Inventory Report, 1990-2010
SCT	Country	0.28780295	0.2858	8.9225E-06	5.8567E-06	DEFRA 2013