

Table 11.6 Carbon Dioxide Emissions From Energy Consumption: Electric Power Sector
(Million Metric Tons of Carbon Dioxide^a)

	Coal	Natural Gas ^b	Petroleum				Geo-thermal	Non-Biomass Waste ^d	Total ^e
			Distillate Fuel Oil ^c	Petroleum Coke	Residual Fuel Oil	Total			
1973 Total	823	199	20	2	242	264	NA	NA	1,286
1975 Total	836	172	17	(s)	221	237	NA	NA	1,245
1980 Total	1,153	200	12	1	185	198	NA	NA	1,551
1985 Total	1,383	166	6	1	75	82	NA	NA	1,631
1990 Total	1,547	175	7	3	87	98	(s)	6	1,826
1995 Total	1,660	228	8	8	43	59	(s)	10	1,957
2000 Total	1,926	281	13	10	65	89	(s)	10	2,306
2005 Total	1,983	319	9	24	66	98	(s)	11	2,411
2006 Total	1,953	338	5	21	27	53	(s)	12	2,356
2007 Total	1,986	371	7	17	30	53	(s)	11	2,422
2008 Total	1,958	362	5	15	18	38	(s)	12	2,371
2009 Total	1,740	373	5	13	14	32	(s)	11	2,157
2010 Total	1,828	400	6	14	12	31	(s)	11	2,270
2011 Total	1,723	409	5	14	7	26	(s)	11	2,170
2012 Total	1,512	493	4	9	6	18	(s)	11	2,035
2013 Total	1,571	444	4	13	6	22	(s)	11	2,049
2014 Total	1,568	443	6	12	7	25	(s)	11	2,048
2015 Total	1,351	525	5	11	7	24	(s)	11	1,912
2016 Total	1,242	545	4	12	5	21	(s)	11	1,820
2017 Total	1,207	506	4	10	5	19	(s)	11	1,743
2018 Total	1,153	578	6	10	6	22	(s)	11	1,764
2019 Total	974	617	4	8	4	16	(s)	11	1,618
2020 Total	788	635	3	9	4	16	(s)	11	1,450
2021 January	82	47	(s)	1	(s)	2	(s)	1	132
February	87	43	1	1	(s)	2	(s)	1	133
March	63	40	(s)	1	(s)	1	(s)	1	105
April	55	42	(s)	1	(s)	1	(s)	1	98
May	65	44	(s)	1	(s)	1	(s)	1	111
June	87	59	(s)	1	(s)	1	(s)	1	149
July	102	68	(s)	1	(s)	1	(s)	1	172
August	102	69	(s)	1	1	2	(s)	1	174
September	81	54	(s)	1	(s)	1	(s)	1	137
October	65	51	(s)	1	(s)	1	(s)	1	118
November	60	47	(s)	1	(s)	2	(s)	1	109
December	63	48	(s)	1	(s)	1	(s)	1	113
Total	910	613	4	9	4	18	(s)	11	1,551
2022 January	88	52	1	1	1	3	(s)	1	143
February	72	44	(s)	1	(s)	2	(s)	1	118
March	62	42	(s)	1	(s)	1	(s)	1	107
April	56	40	(s)	1	(s)	1	(s)	1	98
May	63	50	(s)	1	(s)	1	(s)	1	116
June	75	62	(s)	1	(s)	1	(s)	1	140
July	89	77	(s)	1	(s)	1	(s)	1	168
August	87	75	(s)	1	(s)	1	(s)	1	165
September	67	61	(s)	1	(s)	2	(s)	1	131
October	57	52	(s)	1	(s)	2	(s)	1	111
November	58	49	(s)	1	(s)	1	(s)	1	110
December	75	54	2	1	1	3	(s)	1	134
Total	851	659	6	9	6	21	(s)	11	1,542
2023 January	64	53	(s)	(s)	(s)	1	(s)	1	119
February	48	47	(s)	(s)	1	1	(s)	1	98
March	52	51	(s)	(s)	(s)	1	(s)	1	104
April	41	47	(s)	(s)	(s)	1	(s)	1	90
May	46	54	(s)	(s)	(s)	1	(s)	1	102
June	60	64	(s)	(s)	(s)	1	(s)	1	126
July	80	80	(s)	1	(s)	1	(s)	1	163
August	79	80	(s)	1	(s)	1	(s)	1	161
September	62	65	(s)	1	(s)	1	(s)	1	129
October	53	55	(s)	(s)	(s)	1	(s)	1	111
November	53	53	(s)	(s)	(s)	1	(s)	1	108
December	58	55	(s)	(s)	(s)	1	(s)	1	115
Total	697	705	4	5	5	14	(s)	11	1,427

^a Metric tons of carbon dioxide can be converted to metric tons of carbon equivalent by multiplying by 12/44.

^b Natural gas, excluding supplemental gaseous fuels.

^c Distillate fuel oil, excluding biodiesel.

^d Municipal solid waste from non-biogenic sources, and tire-derived fuels. Through 1994, also includes blast furnace gas, and other manufactured and waste gases derived from fossil fuels.

^e Excludes emissions from biomass energy consumption. See Table 11.7.

NA=Not available. (s)=Less than 0.5 million metric tons.

Notes: • Data are estimates for carbon dioxide emissions from energy

consumption. See "Section 11 Methodology and Sources" at end of section. • See "Carbon Dioxide" in Glossary. • See Note 1, "Emissions of Carbon Dioxide and Other Greenhouse Gases," at end of section. • Data exclude emissions from biomass energy consumption. See Table 11.7 and Note 2, "Accounting for Carbon Dioxide Emissions From Biomass Energy Combustion," at end of section. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia.

Web Page: See <http://www.eia.gov/totalenergy/data/monthly/#environment> (Excel and CSV files) for all available annual and monthly data beginning in 1973.

Sources: See end of section.