

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
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	1,765
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 Total	910	613	4	9	4	18	(s)	12	1,552
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	106
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	110
November	58	49	(s)	1	(s)	1	(s)	1	110
December	75	54	2	1	1	3	(s)	1	133
Total	851	659	6	9	6	21	(s)	7	1,538
2023 January	64	53	(s)	(s)	(s)	1	(s)	1	118
February	48	47	(s)	(s)	1	1	(s)	1	98
March	51	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	162
August	79	80	(s)	1	(s)	1	(s)	1	161
September	61	65	(s)	1	(s)	1	(s)	1	128
October	53	55	(s)	(s)	(s)	1	(s)	1	110
November	53	53	(s)	(s)	(s)	1	(s)	1	107
December	57	55	(s)	(s)	(s)	1	(s)	1	114
Total	694	705	4	5	5	14	(s)	7	1,420
2024 January	76	62	1	(s)	1	2	(s)	1	140
February	46	50	(s)	(s)	(s)	1	(s)	1	98
March	40	50	(s)	(s)	(s)	1	(s)	1	91
April	38	48	(s)	(s)	(s)	1	(s)	1	88
4-Month Total	200	210	1	1	2	4	(s)	2	417
2023 4-Month Total	204	198	1	2	2	4	(s)	2	410
2022 4-Month Total	278	178	2	3	2	7	(s)	2	466

^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 and renewable diesel fuel.

^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 Through 2011, excludes emissions from biomass energy consumption. Beginning in 2012, excludes emissions from biomass energy consumption except small amounts of emissions from "other biofuels." See "Biomass" and "Other Biofuels" in Glossary. See Table 11.7 for energy-related carbon dioxide emissions from wood, biomass waste, fuel ethanol (minus denaturant), and biodiesel.

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. • Through 2011, data exclude emissions from biomass energy consumption; beginning in 2012, data exclude emissions from biomass energy consumption except small amounts of emissions from "other biofuels." See "Biomass" and "Other Biofuels" in Glossary. 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.