

**Table 11.6 Carbon Dioxide Emissions From Energy Consumption: Electric Power Sector**  
(Million Metric Tons of Carbon Dioxide<sup>a</sup>)

	Coal	Natural Gas <sup>b</sup>	Petroleum				Geo-thermal	Non-Biomass Waste <sup>d</sup>	Total <sup>e</sup>
			Distillate Fuel Oil <sup>c</sup>	Petroleum Coke	Residual Fuel Oil	Total			
<b>1973 Total</b> .....	824	199	20	2	242	264	NA	NA	1,286
<b>1975 Total</b> .....	836	172	17	(s)	221	237	NA	NA	1,245
<b>1980 Total</b> .....	1,153	200	12	1	185	198	NA	NA	1,551
<b>1985 Total</b> .....	1,383	166	6	1	75	82	NA	NA	1,631
<b>1990 Total</b> .....	1,547	175	7	3	87	98	(s)	6	1,826
<b>1995 Total</b> .....	1,660	228	8	8	43	59	(s)	10	1,957
<b>2000 Total</b> .....	1,926	281	13	10	65	89	(s)	10	2,306
<b>2005 Total</b> .....	1,983	319	9	24	66	98	(s)	11	2,412
<b>2010 Total</b> .....	1,828	400	6	14	12	31	(s)	11	2,270
<b>2011 Total</b> .....	1,723	409	5	14	7	26	(s)	11	2,170
<b>2012 Total</b> .....	1,512	493	4	9	6	18	(s)	11	2,035
<b>2013 Total</b> .....	1,571	444	4	13	6	22	(s)	11	2,049
<b>2014 Total</b> .....	1,568	443	6	12	7	25	(s)	11	2,048
<b>2015 Total</b> .....	1,351	525	5	11	7	24	(s)	11	1,912
<b>2016 Total</b> .....	1,242	545	4	12	5	21	(s)	11	1,820
<b>2017 Total</b> .....	1,207	506	4	10	5	19	(s)	11	1,743
<b>2018 Total</b> .....	1,153	578	6	10	6	22	(s)	11	1,765
<b>2019 Total</b> .....	974	617	4	8	4	16	(s)	11	1,618
<b>2020 Total</b> .....	788	635	3	9	4	16	(s)	11	1,450
<b>2021 Total</b> .....	910	613	4	9	4	18	(s)	12	1,553
<b>2022 January</b> .....	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	111
November .....	59	49	(s)	1	(s)	1	(s)	1	110
December .....	75	54	2	1	1	3	(s)	1	133
<b>Total</b> .....	<b>851</b>	<b>659</b>	<b>6</b>	<b>9</b>	<b>6</b>	<b>21</b>	<b>(s)</b>	<b>7</b>	<b>1,539</b>
<b>2023 January</b> .....	64	52	(s)	1	(s)	1	(s)	1	118
February .....	48	47	(s)	(s)	1	1	(s)	1	97
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	101
June .....	60	64	(s)	(s)	(s)	1	(s)	1	126
July .....	80	80	(s)	1	(s)	2	(s)	1	162
August .....	79	80	(s)	1	(s)	2	(s)	1	161
September .....	61	65	(s)	1	(s)	1	(s)	1	129
October .....	53	55	(s)	(s)	(s)	1	(s)	1	110
November .....	53	52	(s)	(s)	(s)	1	(s)	1	107
December .....	58	56	(s)	(s)	(s)	1	(s)	1	115
<b>Total</b> .....	<b>694</b>	<b>704</b>	<b>4</b>	<b>6</b>	<b>5</b>	<b>15</b>	<b>(s)</b>	<b>7</b>	<b>1,421</b>
<b>2024 January</b> .....	76	62	1	(s)	1	2	(s)	1	140
February .....	47	50	(s)	(s)	(s)	1	(s)	1	98
March .....	40	50	(s)	(s)	(s)	1	(s)	1	92
April .....	38	48	(s)	(s)	(s)	1	(s)	1	88
May .....	47	57	(s)	(s)	(s)	1	(s)	1	106
June .....	62	68	(s)	(s)	(s)	1	(s)	1	131
July .....	73	84	(s)	1	(s)	1	(s)	1	158
August .....	71	81	(s)	1	(s)	1	(s)	1	154
September .....	57	67	(s)	(s)	(s)	1	(s)	1	125
October .....	49	58	(s)	(s)	(s)	1	(s)	1	109
<b>10-Month Total</b> .....	<b>559</b>	<b>625</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>11</b>	<b>(s)</b>	<b>6</b>	<b>1,201</b>
<b>2023 10-Month Total</b> .....	<b>584</b>	<b>596</b>	<b>3</b>	<b>5</b>	<b>4</b>	<b>13</b>	<b>(s)</b>	<b>6</b>	<b>1,198</b>
<b>2022 10-Month Total</b> .....	<b>717</b>	<b>556</b>	<b>4</b>	<b>7</b>	<b>4</b>	<b>16</b>	<b>(s)</b>	<b>6</b>	<b>1,295</b>

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

<sup>b</sup> Natural gas, excluding supplemental gaseous fuels.

<sup>c</sup> Distillate fuel oil, excluding biodiesel and renewable diesel fuel.

<sup>d</sup> 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.

<sup>e</sup> 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.