

**Table 8.2d Electricity Net Generation: Commercial and Industrial Sectors, Selected Years, 1989-2011**

(Subset of Table 8.2a; Billion Kilowatthours)

Year	Fossil Fuels					Nuclear Electric Power	Hydro-electric Pumped Storage <sup>5</sup>	Renewable Energy						Other <sup>9</sup>	Total	
	Coal <sup>1</sup>	Petroleum <sup>2</sup>	Natural Gas <sup>3</sup>	Other Gases <sup>4</sup>	Total			Conventional Hydroelectric Power	Biomass		Geo-thermal	Solar/PV <sup>8</sup>	Wind			Total
									Wood <sup>6</sup>	Waste <sup>7</sup>						
<b>Commercial Sector <sup>10</sup></b>																
1989	0.7	0.6	2.2	0.1	3.6	—	—	0.1	0.1	0.5	—	—	—	0.7	—	4.3
1990	.8	.6	3.3	.1	4.8	—	—	.1	.1	.8	—	—	—	1.1	—	5.8
1995	1.0	.4	5.2	—	6.5	—	—	.1	.1	1.5	—	—	—	1.7	(s)	8.2
1996	1.1	.4	5.2	(s)	6.7	—	—	.1	.1	2.2	—	—	—	2.4	(s)	9.0
1997	1.0	.4	4.7	(s)	6.2	—	—	.1	(s)	2.3	—	—	—	2.5	(s)	8.7
1998	1.0	.4	4.9	(s)	6.3	—	—	.1	(s)	2.3	—	—	—	2.5	—	8.7
1999	1.0	.4	4.6	(s)	6.0	—	—	.1	(s)	2.4	—	—	—	2.5	(s)	8.6
2000	1.1	.4	4.3	(s)	5.8	—	—	.1	(s)	2.0	—	—	—	2.1	(s)	7.9
2001	1.0	.4	4.4	(s)	5.9	—	—	.1	(s)	1.0	—	—	—	1.1	.5	7.4
2002	1.0	.4	4.3	(s)	5.7	—	—	(s)	(s)	1.1	—	—	—	1.1	.6	7.4
2003	1.2	.4	3.9	—	5.5	—	—	.1	(s)	1.3	—	—	—	1.4	.6	7.5
2004	1.3	.5	4.0	—	5.8	—	—	.1	(s)	1.6	—	—	—	1.7	.8	8.3
2005	1.4	.4	4.2	—	6.0	—	—	.1	(s)	1.7	—	—	—	1.8	.8	8.5
2006	1.3	.2	4.4	(s)	5.9	—	—	.1	(s)	1.6	—	—	—	1.7	.8	8.4
2007	1.4	.2	4.3	—	5.8	—	—	.1	(s)	1.6	—	—	—	1.7	.8	8.3
2008	1.3	.1	4.2	—	5.6	—	—	.1	(s)	1.5	—	(s)	—	1.6	.7	7.9
2009	1.1	.2	4.2	—	5.5	—	—	.1	(s)	1.7	—	(s)	(s)	1.8	.8	8.2
2010	1.1	.1	R4.7	R(s)	R6.0	—	—	.1	(s)	1.7	—	(s)	(s)	1.8	.8	R8.6
2011 <sup>P</sup>	1.0	.1	4.5	(s)	5.6	—	—	.1	(s)	1.7	—	(s)	(s)	1.9	.9	8.4
<b>Industrial Sector <sup>11</sup></b>																
1989	20.7	4.8	53.2	7.3	85.9	—	—	2.7	21.6	0.9	—	—	—	25.2	3.5	114.7
1990	21.1	7.0	60.0	9.6	97.8	—	—	3.0	25.4	.9	—	—	—	29.3	3.6	130.7
1995	22.4	6.0	71.7	11.9	112.1	—	—	5.3	28.9	.9	—	—	—	35.1	3.9	151.0
1996	22.2	6.3	71.0	13.0	112.5	—	—	5.9	28.4	.9	—	—	—	35.2	3.4	151.0
1997	23.2	5.6	75.1	11.8	115.8	—	—	5.7	28.2	.9	—	—	—	34.8	3.5	154.1
1998	22.3	6.2	77.1	11.2	116.8	—	—	5.3	27.7	.9	—	—	—	33.9	3.4	154.1
1999	21.5	6.1	78.8	12.5	118.9	—	—	4.8	28.1	.7	—	—	—	33.5	3.9	156.3
2000	22.1	5.6	78.8	11.9	118.4	—	—	4.1	28.7	.8	—	—	—	33.6	4.7	156.7
2001	20.1	5.3	79.8	8.5	113.6	—	—	3.1	26.9	.6	—	—	—	30.6	4.9	149.2
2002	21.5	4.4	79.0	9.5	114.4	—	—	3.8	29.6	.8	—	—	—	34.3	3.8	152.6
2003	19.8	5.3	78.7	13.0	116.8	—	—	4.2	28.0	.7	—	—	—	32.9	4.8	154.5
2004	19.8	6.0	79.0	11.7	116.4	—	—	3.2	28.4	.8	—	—	—	32.4	5.1	153.9
2005	19.5	5.4	72.9	9.7	107.4	—	—	3.2	28.3	.7	—	—	—	32.2	5.1	144.7
2006	19.5	4.2	77.7	9.9	111.3	—	—	2.9	28.4	.6	—	—	—	31.9	5.1	148.3
2007	16.7	4.2	77.6	9.4	107.9	—	—	1.6	28.3	.6	—	—	—	30.5	4.7	143.1
2008	15.7	3.2	76.4	8.5	103.9	—	—	1.7	26.6	.8	—	—	—	29.1	4.1	137.1
2009	13.7	3.0	75.7	7.6	100.0	—	—	1.9	25.3	.7	—	—	—	27.9	4.5	132.3
2010	18.4	R2.3	R81.6	R8.3	R110.6	—	—	R1.7	R25.7	R.9	—	(s)	—	R28.2	R5.2	R144.1
2011 <sup>P</sup>	18.4	1.8	81.5	8.1	109.9	—	—	1.8	26.4	.9	—	(s)	(s)	29.1	3.3	142.3

<sup>1</sup> Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and coal symfuel.

<sup>2</sup> Distillate fuel oil, residual fuel oil, petroleum coke, jet fuel, kerosene, other petroleum, and waste oil.

<sup>3</sup> Natural gas, plus a small amount of supplemental gaseous fuels.

<sup>4</sup> Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

<sup>5</sup> Pumped storage facility production minus energy used for pumping.

<sup>6</sup> Wood and wood-derived fuels.

<sup>7</sup> Municipal solid waste from biogenic sources, landfill gas, sludge waste, agricultural byproducts, and other biomass. Through 2000, also includes non-renewable waste (municipal solid waste from non-biogenic sources, and tire-derived fuels).

<sup>8</sup> Solar thermal and photovoltaic (PV) energy.

<sup>9</sup> Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, miscellaneous technologies, and, beginning in 2001, non-renewable waste (municipal solid waste from non-biogenic sources, and tire-derived fuels).

<sup>10</sup> Commercial combined-heat-and-power (CHP) and commercial electricity-only plants.

<sup>11</sup> Industrial combined-heat-and-power (CHP) and industrial electricity-only plants.

R=Revised. P=Preliminary. —=No data reported. (s)=Less than 0.05 billion kilowatthours.

Notes: • See Tables 8.2b and 8.2c for electric power sector electricity-only and CHP data. • See Note 1, "Coverage of Electricity Statistics," and Note 2, "Classification of Power Plants Into Energy-Use Sectors," at end of section. • Totals may not equal sum of components due to independent rounding.

Web Pages: • See <http://www.eia.gov/totalenergy/data/monthly/#electricity> for updated monthly and annual data. • See <http://www.eia.gov/totalenergy/data/annual/#electricity> for all annual data beginning in 1989. • See <http://www.eia.gov/electricity/> for related information.

Sources: • 1989-1997—U.S. Energy Information Administration (EIA), Form EIA-867, "Annual Nonutility Power Producer Report." • 1998-2000—EIA, Form EIA-860B, "Annual Electric Generator Report—Nonutility." • 2001-2003—EIA, Form EIA-906, "Power Plant Report." • 2004-2007—EIA, Form EIA-906, "Power Plant Report," and Form EIA-920, "Combined Heat and Power Plant Report." • 2008 forward—EIA, Form EIA-923, "Power Plant Operations Report."