

Table 8.2d Electricity Net Generation: Commercial and Industrial Sectors, 1989-2008

(Subset of Table 8.2a; Billion Kilowatthours)

Year	Fossil Fuels					Nuclear Electric Power	Hydro-electric Pumped Storage ⁵	Renewable Energy							Other ⁹	Total
	Coal ¹	Petroleum ²	Natural Gas ³	Other Gases ⁴	Total			Conventional Hydroelectric Power	Biomass		Geo-thermal	Solar/PV ⁸	Wind	Total		
									Wood ⁶	Waste ⁷						
Commercial Sector ¹⁰																
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
1991	.8	.4	3.2	.1	4.5	—	—	.1	.1	.9	—	—	—	1.1	(s)	5.7
1992	.7	.3	3.9	.1	5.0	—	—	.1	.1	1.0	—	—	—	1.2	(s)	6.2
1993	.9	.3	4.5	.1	5.8	—	—	.1	.1	1.0	—	—	—	1.2	(s)	7.0
1994	.8	.4	4.9	.1	6.3	—	—	.1	.1	1.2	—	—	—	1.3	—	7.6
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	R4.0	—	5.8	—	—	.1	(s)	R1.6	—	—	—	R1.7	.8	8.3
2005	R1.4	.4	R4.2	—	6.0	—	—	.1	(s)	1.7	—	—	—	1.8	.8	8.5
2006	1.3	.2	R4.4	(s)	5.9	—	—	.1	(s)	1.6	—	—	—	1.7	.8	8.4
2007	R1.4	.2	R4.3	R	R5.8	—	—	.1	(s)	1.6	—	—	—	1.7	.8	R8.3
2008 ^P	1.2	.1	4.1	—	5.4	—	—	.1	(s)	1.6	—	—	—	1.7	.8	7.9
Industrial Sector ¹¹																
1989	20.7	R4.8	53.2	7.3	R85.9	—	—	2.7	21.6	0.9	—	—	—	25.2	3.5	R114.7
1990	21.1	R7.0	60.0	9.6	R97.8	—	—	3.0	25.4	.9	—	—	—	29.3	3.6	R130.7
1991	21.0	6.5	60.6	10.5	98.6	—	—	2.8	25.9	.9	—	—	—	29.6	4.3	132.6
1992	22.7	7.6	65.9	12.0	108.2	—	—	2.9	27.9	.9	—	—	—	31.8	3.2	143.3
1993	23.7	7.0	68.2	11.9	110.9	—	—	2.9	28.4	1.1	—	—	—	32.3	3.1	146.3
1994	23.6	6.8	69.6	12.1	112.1	—	—	6.0	28.7	1.0	—	—	—	35.7	3.4	151.2
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	R19.8	R6.0	R79.0	R11.7	R116.4	—	—	3.2	R28.4	.8	—	—	—	R32.4	5.1	153.9
2005	R19.5	5.4	R72.9	R9.7	R107.4	—	—	3.2	R28.3	R.7	—	—	—	R32.2	R5.1	144.7
2006	R19.5	4.2	R77.7	R9.9	R111.3	—	—	2.9	R28.4	.6	—	—	—	R31.9	R5.1	148.3
2007	R16.7	R4.2	R77.6	R9.4	R107.9	—	—	R1.6	R28.3	.6	—	—	—	R30.5	R4.7	R143.1
2008 ^P	17.0	3.0	74.3	8.4	102.6	—	—	1.9	27.9	.6	—	—	—	30.4	2.7	135.7

¹ Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and coal synfuel.

² Distillate fuel oil, residual fuel oil, petroleum coke, jet fuel, kerosene, other petroleum, and waste oil.

³ Natural gas, plus a small amount of supplemental gaseous fuels.

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

⁵ Pumped storage facility production minus energy used for pumping.

⁶ Wood and wood-derived fuels.

⁷ 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).

⁸ Solar thermal and photovoltaic energy.

⁹ 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).

¹⁰ Commercial combined-heat-and-power (CHP) and commercial electricity-only plants.

¹¹ 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 Page: For related information, see <http://www.eia.doe.gov/fuelelectric.html>.

Sources: • 1989-1997—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—EIA, Form EIA-923, "Power Plant Operations Report."