

Table 8.2c Electricity Net Generation: Electric Power Sector by Plant Type, 1989-2003

(Breakout of Table 8.2b; 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	Wood ⁶	Waste ⁷	Geo-thermal	Solar ⁸	Wind	Total		
Electricity-Only Plants ¹⁰																
1989	1,554.0	158.3	266.9	0.0	1,979.3	529.4	(¹¹)	269.2	4.2	6.9	14.6	0.3	2.1	297.3	0.0	2,805.9
1990	1,560.2	117.6	264.7	(s)	1,942.4	576.9	-3.5	289.8	5.6	10.4	15.4	0.4	2.8	324.3	0.0	2,840.0
1991	1,551.9	112.2	267.8	(s)	1,931.9	612.6	-4.5	286.0	6.0	12.2	16.0	0.5	3.0	323.7	0.0	2,863.6
1992	1,577.1	90.1	270.9	(s)	1,938.0	618.8	-4.2	250.0	6.6	14.4	16.1	0.4	2.9	290.4	0.0	2,843.1
1993	1,642.1	100.6	267.2	(s)	2,009.9	610.3	-4.0	277.5	7.2	14.9	16.8	0.5	3.0	319.8	0.0	2,935.9
1994	1,639.9	92.1	299.7	(s)	2,031.7	640.4	-3.4	254.0	7.6	15.4	15.5	0.5	3.4	296.5	0.0	2,965.2
1995	1,658.0	62.0	317.4	(s)	2,037.4	673.4	-2.7	305.4	5.9	16.3	13.4	0.5	3.2	344.7	0.0	3,052.8
1996	1,742.8	68.5	272.8	(s)	2,084.1	674.7	-3.1	341.2	6.5	16.1	14.3	0.5	3.2	381.8	0.0	3,137.6
1997	1,793.2	80.3	291.1	(s)	2,164.6	628.6	-4.0	350.6	6.5	16.4	14.7	0.5	3.3	392.0	0.0	3,181.3
1998	1,823.0	115.7	335.9	0.1	2,274.6	673.7	-4.5	317.9	6.6	17.0	14.8	0.5	3.0	359.8	0.0	3,303.6
1999	1,832.1	104.8	356.6	(s)	2,293.6	728.3	-6.1	314.7	7.3	17.1	14.8	0.5	4.5	358.8	0.0	3,374.6
2000	1,910.6	98.0	399.4	0.2	2,408.2	753.9	-5.5	271.3	7.3	17.6	14.1	0.5	5.6	316.4	0.0	3,472.9
2001	1,851.8	113.2	427.0	(s)	2,392.0	768.8	-8.8	213.7	6.6	17.2	13.7	0.5	6.7	258.6	0.0	3,410.5
2002	^R 1,881.2	^R 83.3	^R 456.8	^R 0.2	^R 2,421.5	780.1	^R -8.7	^R 260.5	^R 7.3	^R 17.4	^R 14.5	^R 0.6	^R 10.4	^R 310.5	^R 1.4	^R 3,504.8
2003 ^P	1,916.2	105.6	406.4	(s)	2,428.2	763.7	-8.7	269.3	7.2	16.9	13.1	0.5	10.7	317.8	0.2	3,501.3
Combined-Heat-and-Power Plants ¹²																
1989	8.4	0.7	30.4	0.5	39.9	—	—	0.0	1.3	0.9	—	—	—	2.2	0.3	42.3
1990	11.9	1.3	44.8	0.6	58.7	—	—	0.0	1.4	1.1	—	—	—	2.6	(s)	61.3
1991	16.9	0.6	50.0	0.7	68.2	—	—	0.0	1.7	1.6	—	—	—	3.3	0.4	71.9
1992	20.7	2.2	63.4	1.2	87.4	—	—	0.0	1.9	1.5	—	—	—	3.4	0.5	91.3
1993	23.4	4.8	75.0	1.0	104.2	—	—	0.0	2.0	1.4	—	—	—	3.4	0.4	108.0
1994	26.4	6.6	86.0	1.1	120.1	—	—	0.0	1.6	1.6	—	—	—	3.2	0.2	123.5
1995	28.1	6.1	101.7	1.9	137.9	—	—	0.0	1.7	1.7	—	—	—	3.4	0.2	141.5
1996	29.2	6.3	105.9	1.3	142.7	—	—	0.0	1.9	1.7	—	—	—	3.6	0.2	146.6
1997	27.6	6.2	108.5	1.5	143.7	—	—	0.0	2.2	2.1	—	—	—	4.3	0.1	148.1
1998	27.2	6.6	113.4	2.3	149.4	—	—	0.0	2.0	2.3	—	—	—	4.2	0.2	153.8
1999	26.6	6.7	116.4	1.6	151.2	—	—	0.0	1.7	2.4	—	—	—	4.1	0.1	155.4
2000	32.5	7.2	118.6	1.8	160.2	—	—	0.0	1.6	2.7	—	—	—	4.3	0.1	164.6
2001	31.0	6.0	128.0	0.6	165.5	—	—	0.0	1.7	2.3	—	—	—	4.0	0.0	169.5
2002	^R 29.4	^R 6.5	^R 150.9	^R 1.7	^R 188.5	—	—	0.0	1.7	2.8	—	—	—	^R 4.6	^R 0.6	^R 193.7
2003 ^E	31.8	6.9	144.3	1.2	184.2	—	—	(s)	1.8	2.9	—	—	—	4.8	0.4	189.4

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

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 that cannot be identified separately.

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, black liquor, and other wood waste.

⁷ Municipal solid waste, landfill gas, sludge waste, tires, agricultural byproducts, and other biomass.

⁸ Solar thermal and photovoltaic energy.

⁹ Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.

¹⁰ Electricity-only plants within the NAICS (North American Industry Classification System) 22 category whose primary business is to sell electricity to the public. Data also include a small number of electric utility combined-heat-and-power (CHP) plants.

¹¹ Included in "Conventional Hydroelectric Power."

¹² Combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity and heat to the public. Data do not include electric utility CHP plants—these are included under "Electricity-Only Plants."

R=Revised. P=Preliminary. E=Estimate. — = Not applicable. (s)=Less than 0.05 billion kilowatthours.

Notes: • See Table 8.2d for commercial and industrial CHP and electricity-only 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-759, "Monthly Power Plant Report" and Form EIA-867, "Annual Nonutility Power Producer Report." • 1998-2000—EIA, Form EIA-759, "Monthly Power Plant Report" and Form EIA-860B, "Annual Electric Generator Report—Nonutility." • 2001 and 2002—EIA, Form EIA-860, "Annual Electric Generator Report" and Form EIA-906, "Power Plant Report." • 2003—EIA, Form EIA-906, "Power Plant Report."