

Table 8.11c Electric Net Summer Capacity: Electric Power Sector by Plant Type, Selected Years, 1989-2010

(Breakout of Table 8.11b; Million Kilowatts)

Year	Fossil Fuels					Nuclear Electric Power	Hydro-electric Pumped Storage	Renewable Energy							Other ⁸	Total
	Coal ¹	Petroleum ²	Natural Gas ³	Other Gases ⁴	Total			Conventional Hydroelectric Power	Biomass		Geo-thermal	Solar/PV ⁷	Wind	Total		
									Wood ⁵	Waste ⁶						
Electricity-Only Plants⁹																
1989	296.5	78.0	119.3	0.4	494.2	98.2	18.1	73.6	0.9	1.5	2.6	0.2	1.5	80.3	—	690.7
1990	299.9	76.6	121.8	.4	498.6	99.6	19.5	73.3	1.0	1.9	2.7	.3	1.8	80.9	(s)	698.6
1995	301.3	64.7	145.3	.3	511.5	99.5	21.4	77.4	1.5	2.7	3.0	.3	1.7	86.6	—	719.1
1996	303.1	70.6	143.1	.1	516.9	100.8	21.1	75.3	1.4	2.6	2.9	.3	1.7	84.2	—	723.0
1997	303.6	70.2	144.7	.2	518.7	99.7	19.3	78.3	1.5	2.5	2.9	.3	1.6	87.1	.2	725.0
1998	305.9	64.2	147.5	.1	517.5	97.1	19.5	78.0	1.4	2.6	2.9	.3	1.7	87.0	.2	721.4
1999	305.5	57.5	161.7	.2	525.0	97.4	19.6	78.3	1.5	2.6	2.8	.4	2.3	87.8	.2	730.0
2000	305.2	59.8	184.0	.1	549.0	97.9	19.5	78.2	1.5	2.8	2.8	.4	2.4	88.1	(s)	754.5
2001	305.2	63.8	215.5	.1	584.5	98.2	19.7	77.9	1.5	2.9	2.2	.4	3.9	88.7	.1	791.1
2002	305.8	57.5	268.1	.1	631.5	98.7	20.4	78.3	1.4	2.9	2.3	.4	4.4	89.7	.1	840.3
2003	303.0	58.6	304.2	.1	665.9	99.2	20.5	77.9	1.4	2.8	2.1	.4	6.0	90.6	.1	876.3
2004	303.2	57.3	322.6	.1	683.2	99.6	20.8	77.0	1.5	2.6	2.2	.4	6.5	90.0	.1	893.7
2005	303.4	56.9	335.8	(s)	696.2	100.0	21.3	76.9	1.4	2.6	2.3	.4	8.7	92.3	.1	909.8
2006	303.4	55.8	341.9	.1	701.2	100.3	21.5	77.1	1.5	2.7	2.3	.4	11.3	95.3	.1	918.4
2007	303.2	53.9	347.6	.1	704.9	100.3	21.9	77.5	1.5	3.1	2.2	.5	16.5	101.3	.1	928.5
2008	303.7	55.5	R352.3	—	R711.5	100.8	21.9	77.6	1.6	3.2	R2.2	.5	24.7	109.8	.1	944.0
2009	R304.5	R54.8	R356.6	R(s)	R716.0	R101.0	R22.2	R78.2	R1.7	R3.2	2.4	.6	R34.3	R120.3	.1	R959.5
2010 ^P	309.0	54.7	361.2	(s)	724.9	101.0	22.5	78.2	1.7	3.3	2.4	.9	37.6	124.0	(s)	972.4
Combined-Heat-and-Power Plants¹⁰																
1989	1.5	0.2	6.1	—	7.7	—	—	—	0.2	0.2	—	—	—	0.4	—	8.1
1990	2.4	.2	8.1	—	10.7	—	—	—	.2	.2	—	—	—	.5	—	11.2
1995	4.8	.8	16.6	—	22.1	—	—	—	.4	.2	—	—	—	.6	—	22.7
1996	5.0	.7	18.4	—	24.0	—	—	—	.3	.3	—	—	—	.6	—	24.6
1997	4.9	.8	18.7	(s)	24.4	—	—	—	.3	.4	—	—	—	.7	—	25.1
1998	5.0	.8	19.6	—	25.5	—	—	—	.4	.4	—	—	—	.7	—	26.2
1999	5.2	1.1	19.4	—	25.7	—	—	—	.4	.4	—	—	—	.7	—	26.5
2000	5.0	.9	20.7	.3	26.9	—	—	—	.2	.5	—	—	—	.7	—	27.7
2001	4.6	1.0	21.2	.3	27.1	—	—	(s)	.1	.4	—	—	—	.5	(s)	27.6
2002	5.2	1.1	28.5	.2	34.9	—	—	—	.1	.4	—	—	—	.6	—	35.5
2003	5.5	1.1	34.9	.2	41.7	—	—	(s)	.2	.5	—	—	—	.7	—	42.3
2004	5.6	.7	32.6	.3	39.2	—	—	(s)	.2	.4	—	—	—	.6	—	39.7
2005	5.6	.5	31.7	.3	38.1	—	—	(s)	.2	.4	—	—	—	.6	—	38.7
2006	5.8	1.0	30.0	.3	37.2	—	—	(s)	.2	.4	—	—	—	.6	—	37.8
2007	5.9	.9	29.5	.3	36.6	—	—	—	.2	.4	—	—	—	.7	—	37.3
2008	5.9	.9	29.6	.2	36.6	—	—	—	.2	.5	—	—	—	.7	—	37.3
2009	5.9	.9	R28.9	.2	R35.9	—	—	—	.2	.5	—	—	—	.7	—	R36.7
2010 ^P	5.9	.9	29.1	.2	36.1	—	—	—	.2	.5	—	—	—	.8	—	36.8

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 Wood and wood-derived fuels.

⁶ Municipal solid waste from biogenic sources, landfill gas, sludge waste, agricultural byproducts, and other biomass. For all years, also includes non-renewable waste (municipal solid waste from non-biogenic sources, and tire-derived fuels).

⁷ Solar thermal and photovoltaic (PV) energy.

⁸ Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.

⁹ Electricity-only plants within the NAICS 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.

¹⁰ 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. —=No data reported. (s)=Less than 0.05 million kilowatts.

Notes: • Data are at end of year. • For plants that use multiple sources of energy, capacity is assigned to the energy source reported as the predominant one. • See Table 8.11d 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. • See "Generator Net Summer Capacity" in Glossary. • Totals may not equal sum of components due to independent rounding.

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

• For related information, see <http://www.eia.gov/electricity/>.

Sources: • 1989-1997—U.S. Energy Information Administration (EIA), Form EIA-860, "Annual Electric Generator Report," and Form EIA-867, "Annual Nonutility Power Producer Report." • 1998-2000—EIA, Form EIA-860A, "Annual Electric Generator Report—Utility," and Form EIA-860B, "Annual Electric Generator Report—Nonutility." • 2001 forward—EIA, Form EIA-860, "Annual Electric Generator Report."