

Table 8.11b Electric Net Summer Capacity: Electric Power Sector, Selected Years, 1949-2003

(Subset of Table 8.11a; Million Kilowatts)

Year	Fossil Fuels						Nuclear Electric Power	Hydro-electric Pumped Storage	Renewable Energy							Other ⁹	Total
	Coal ¹	Petroleum ²	Natural Gas ³	Dual Fired ⁴	Other Gases ⁵	Total			Conventional Hydroelectric Power	Wood ⁶	Waste ⁷	Geo-thermal	Solar ⁸	Wind	Total		
1949	NA	NA	NA	NA	NA	44.9	0.0	(¹⁰)	18.5	(s)	(¹¹)	NA	NA	NA	18.5	NA	63.4
1950	NA	NA	NA	NA	NA	50.0	0.0	(¹⁰)	19.2	(s)	(¹¹)	NA	NA	NA	19.2	NA	69.2
1955	NA	NA	NA	NA	NA	86.8	0.0	(¹⁰)	27.4	(s)	(¹¹)	NA	NA	NA	27.4	NA	114.2
1960	NA	NA	NA	NA	NA	130.8	0.4	(¹⁰)	35.8	0.1	(¹¹)	(s)	NA	NA	35.9	NA	167.1
1965	NA	NA	NA	NA	NA	182.9	0.8	(¹⁰)	51.0	0.1	(¹¹)	(s)	NA	NA	51.1	NA	234.8
1970	NA	NA	NA	NA	NA	265.4	7.0	(¹⁰)	63.8	0.1	(¹¹)	0.1	NA	NA	63.9	NA	336.4
1971	NA	NA	NA	NA	NA	288.0	9.0	(¹⁰)	69.1	0.1	(¹¹)	0.2	NA	NA	69.4	NA	366.4
1972	NA	NA	NA	NA	NA	310.7	14.5	(¹⁰)	70.5	0.1	(¹¹)	0.3	NA	NA	70.9	NA	396.0
1973	NA	NA	NA	NA	NA	341.2	22.7	(¹⁰)	75.4	0.1	(¹¹)	0.4	NA	NA	75.9	NA	439.8
1974	NA	NA	NA	NA	NA	360.7	31.9	(¹⁰)	75.5	0.1	(¹¹)	0.4	NA	NA	76.0	NA	468.5
1975	NA	NA	NA	NA	NA	375.1	37.3	(¹⁰)	78.4	0.1	(¹¹)	0.5	NA	NA	79.0	NA	491.3
1976	NA	NA	NA	NA	NA	394.8	43.8	(¹⁰)	78.0	0.1	(¹¹)	0.5	NA	NA	78.6	NA	517.2
1977	NA	NA	NA	NA	NA	410.4	46.3	(¹⁰)	78.6	0.1	(¹¹)	0.5	NA	NA	79.2	NA	535.9
1978	NA	NA	NA	NA	NA	420.8	50.8	(¹⁰)	79.9	0.1	(¹¹)	0.5	NA	NA	80.5	NA	552.1
1979	NA	NA	NA	NA	NA	432.1	49.7	(¹⁰)	82.9	0.1	(¹¹)	0.7	NA	NA	83.6	NA	565.5
1980	NA	NA	NA	NA	NA	444.1	51.8	(¹⁰)	81.7	0.1	(¹¹)	0.9	NA	NA	82.7	NA	578.6
1981	NA	NA	NA	NA	NA	458.9	56.0	(¹⁰)	82.4	0.1	(¹¹)	0.9	NA	(s)	83.4	NA	598.3
1982	NA	NA	NA	NA	NA	469.6	60.0	(¹⁰)	83.0	0.1	(¹¹)	1.0	NA	(s)	84.1	NA	613.7
1983	NA	NA	NA	NA	NA	472.8	63.0	(¹⁰)	83.9	0.2	(¹¹)	1.2	NA	(s)	85.3	NA	621.1
1984	NA	NA	NA	NA	NA	478.6	69.7	(¹⁰)	85.3	0.3	(¹¹)	1.2	(¹²)	(s)	86.9	NA	635.1
1985	NA	NA	NA	NA	NA	485.0	79.4	(¹⁰)	88.9	0.2	0.2	1.6	(¹²)	(s)	90.8	NA	655.2
1986	NA	NA	NA	NA	NA	488.3	85.2	(¹⁰)	89.3	0.2	0.2	1.6	(¹²)	(s)	91.2	NA	664.8
1987	NA	NA	NA	NA	NA	488.8	93.6	(¹⁰)	89.7	0.2	0.2	1.5	(¹²)	(s)	91.7	NA	674.1
1988	NA	NA	NA	NA	NA	490.6	94.7	(¹⁰)	90.3	0.2	0.2	1.7	(¹²)	(s)	92.4	NA	677.7
1989 ¹³	298.0	48.0	46.1	109.4	0.4	501.9	98.2	18.1	73.6	1.1	1.7	2.6	0.2	1.5	80.7	0.0	698.8
1990	302.3	48.0	47.9	110.8	0.4	509.3	99.6	19.5	73.3	1.2	2.1	2.7	0.3	1.8	81.4	(s)	709.9
1991	302.5	46.4	52.9	110.9	0.7	513.3	99.6	18.4	75.4	1.3	2.5	2.6	0.3	1.9	84.0	0.0	715.3
1992	304.3	44.7	52.0	116.1	0.7	517.9	99.0	21.2	74.2	1.4	2.5	2.9	0.3	1.8	83.1	0.0	721.2
1993	305.0	43.1	56.1	117.6	0.7	522.5	99.0	21.1	76.8	1.5	2.6	2.9	0.3	1.8	85.9	0.0	728.6
1994	306.1	41.7	61.1	120.2	0.7	529.8	99.1	21.2	76.9	1.7	2.7	3.0	0.3	1.7	86.4	0.0	736.5
1995	306.0	42.7	65.6	119.1	0.3	533.7	99.5	21.4	77.4	1.8	3.0	3.0	0.3	1.7	87.3	0.0	741.8
1996	308.1	42.6	64.5	125.7	0.1	540.9	100.8	21.1	75.3	1.7	2.9	2.9	0.3	1.7	84.9	0.0	747.7
1997	308.5	42.0	65.7	126.7	0.2	543.1	99.7	19.3	78.3	1.8	2.9	2.9	0.3	1.6	87.8	0.2	750.1
1998	310.9	39.2	64.4	128.5	0.1	543.0	97.1	19.5	78.0	1.8	3.0	2.9	0.3	1.7	87.8	0.2	747.6
1999	310.7	34.5	61.6	143.7	0.2	550.7	97.4	19.6	78.3	1.8	3.0	2.8	0.4	2.3	88.6	0.2	756.5
2000	^R 310.2	34.9	82.6	147.9	0.3	^R 575.9	97.9	19.5	78.2	1.7	3.3	2.8	0.4	2.4	88.8	(s)	^R 782.1
2001	309.8	38.4	111.1	152.0	0.3	611.6	98.2	19.1	78.4	1.6	3.3	2.2	0.4	^R 3.9	89.9	(s)	818.8
2002	^R 311.0	^R 37.3	^R 157.4	^R 160.4	^R 0.3	^R 666.5	^R 98.7	^R 20.4	^R 78.3	1.6	3.4	^R 2.3	0.4	^R 4.4	^R 90.3	(s)	^R 875.8
2003 ^P	311.2	37.3	195.2	169.1	0.3	713.0	98.8	20.4	78.3	1.6	3.4	2.3	0.4	4.9	90.8	(s)	923.0

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 Petroleum and natural gas.

⁵ Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

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 Included in "Conventional Hydroelectric Power."

¹¹ Included in "Wood."

¹² Included in "Wind."

¹³ Through 1988, data are for electric utilities only. Beginning in 1989, data are for electric utilities and independent power producers.

R=Revised. P=Preliminary. NA=Not available. (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 predominant energy source. • The electric power sector comprises electricity-only and combined-heat-and-power (CHP) plants within the NAICS (North American Industry Classification System) 22 category whose primary business is to sell electricity, or electricity and heat, to the public. • 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: • For data not shown for 1951-1969, see <http://www.eia.doe.gov/emeu/aer/elect.html>. • For related information, see <http://www.eia.doe.gov/fuelelectric.html>.

Sources: • 1949-1984—Energy Information Administration (EIA) estimates. • 1985-1988—EIA, Form EIA-860, "Annual Electric Generator Report." • 1989-1997—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 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."