

Table 8.11a Electric Net Summer Capacity: Total (All Sectors), Selected Years, 1949-2007
(Sum of Tables 8.11b and 8.11d; Million Kilowatts)

Year	Fossil Fuels					Nuclear Electric Power	Hydro-electric Pumped Storage	Renewable Energy							Other ⁹	Total
	Coal ¹	Petroleum ²	Natural Gas ³	Other Gases ⁴	Total			Conventional Hydroelectric Power ⁵	Biomass		Geo-thermal	Solar/PV ⁸	Wind	Total		
									Wood ⁶	Waste ⁷						
1949	NA	NA	NA	NA	44.9	0.0	(⁵)	18.5	(s)	(¹⁰)	NA	NA	NA	18.5	NA	63.4
1950	NA	NA	NA	NA	50.0	.0	(⁵)	19.2	(s)	(¹⁰)	NA	NA	NA	19.2	NA	69.2
1955	NA	NA	NA	NA	86.8	.0	(⁵)	27.4	(s)	(¹⁰)	NA	NA	NA	27.4	NA	114.2
1960	NA	NA	NA	NA	130.8	.4	(⁵)	35.8	.1	(¹⁰)	(s)	NA	NA	35.9	NA	167.1
1965	NA	NA	NA	NA	182.9	.8	(⁵)	51.0	.1	(¹⁰)	(s)	NA	NA	51.1	NA	234.8
1970	NA	NA	NA	NA	265.4	7.0	(⁵)	63.8	.1	(¹⁰)	.1	NA	NA	63.9	NA	336.4
1971	NA	NA	NA	NA	288.0	9.0	(⁵)	69.1	.1	(¹⁰)	.2	NA	NA	69.4	NA	366.4
1972	NA	NA	NA	NA	310.7	14.5	(⁵)	70.5	.1	(¹⁰)	.3	NA	NA	70.9	NA	396.0
1973	NA	NA	NA	NA	341.2	22.7	(⁵)	75.4	.1	(¹⁰)	.4	NA	NA	75.9	NA	439.8
1974	NA	NA	NA	NA	360.7	31.9	(⁵)	75.5	.1	(¹⁰)	.4	NA	NA	76.0	NA	468.5
1975	NA	NA	NA	NA	375.1	37.3	(⁵)	78.4	.1	(¹⁰)	.5	NA	NA	79.0	NA	491.3
1976	NA	NA	NA	NA	394.8	43.8	(⁵)	78.0	.1	(¹⁰)	.5	NA	NA	78.6	NA	517.2
1977	NA	NA	NA	NA	410.4	46.3	(⁵)	78.6	.1	(¹⁰)	.5	NA	NA	79.2	NA	535.9
1978	NA	NA	NA	NA	420.8	50.8	(⁵)	79.9	.1	(¹⁰)	.5	NA	NA	80.5	NA	552.1
1979	NA	NA	NA	NA	432.1	49.7	(⁵)	82.9	.1	(¹⁰)	.7	NA	NA	83.6	NA	565.5
1980	NA	NA	NA	NA	444.1	51.8	(⁵)	81.7	.1	(¹⁰)	.9	NA	NA	82.7	NA	578.6
1981	NA	NA	NA	NA	458.9	56.0	(⁵)	82.4	.1	(¹⁰)	.9	NA	(s)	83.4	NA	598.3
1982	NA	NA	NA	NA	469.6	60.0	(⁵)	83.0	.1	(¹⁰)	1.0	NA	(s)	84.1	NA	613.7
1983	NA	NA	NA	NA	472.8	63.0	(⁵)	83.9	.2	(¹⁰)	1.2	NA	(s)	85.3	NA	621.1
1984	NA	NA	NA	NA	478.6	69.7	(⁵)	85.3	.3	(¹⁰)	1.2	(¹¹)	(s)	86.9	NA	635.1
1985	NA	NA	NA	NA	485.0	79.4	(⁵)	88.9	.2	(¹⁰)	1.6	(¹¹)	(s)	90.8	NA	655.2
1986	NA	NA	NA	NA	488.3	85.2	(⁵)	89.3	.2	(¹⁰)	1.6	(¹¹)	(s)	91.2	NA	664.8
1987	NA	NA	NA	NA	488.8	93.6	(⁵)	89.7	.2	(¹⁰)	1.5	(¹¹)	(s)	91.7	NA	674.1
1988	NA	NA	NA	NA	490.6	94.7	(⁵)	90.3	.2	(¹⁰)	1.7	(¹¹)	(s)	92.4	NA	677.7
1989 ¹²	303.1	79.1	135.7	1.5	519.4	98.2	18.1	74.1	5.2	2.1	2.6	.2	1.5	85.7	.5	721.8
1990	307.4	77.9	140.8	1.6	527.8	99.6	19.5	73.9	5.5	2.5	2.7	.3	1.8	86.8	.5	734.1
1991	307.4	74.2	147.6	2.1	531.4	99.6	18.4	76.0	6.1	2.9	2.6	.3	1.9	89.9	.5	739.9
1992	309.4	73.1	152.2	2.1	536.7	99.0	21.2	74.8	6.2	3.0	2.9	.3	1.8	89.1	.5	746.5
1993	310.1	71.1	158.6	1.9	541.8	99.0	21.1	77.4	6.5	3.1	2.9	.3	1.8	92.1	.5	754.6
1994	311.4	71.7	164.8	2.1	550.0	99.1	21.2	78.0	6.7	3.3	3.0	.3	1.7	93.1	.5	764.0
1995	311.4	66.6	174.5	1.7	554.2	99.5	21.4	78.6	6.7	3.5	3.0	.3	1.7	93.9	.5	769.5
1996	313.4	72.5	174.1	1.7	561.7	100.8	21.1	76.4	6.8	3.6	2.9	.3	1.7	91.7	.5	775.9
1997	313.6	72.5	176.5	1.5	564.1	99.7	19.3	79.4	6.9	3.6	2.9	.3	1.6	94.8	.8	778.6
1998	315.8	66.3	180.3	1.5	563.9	97.1	19.5	79.2	6.8	3.7	2.9	.3	1.7	94.6	.8	775.9
1999	315.5	60.1	195.1	1.9	572.6	97.4	19.6	79.4	6.8	3.7	2.8	.4	2.3	95.3	1.0	785.9
2000	315.1	61.8	219.6	2.3	598.9	97.9	19.5	79.4	6.1	3.9	2.8	.4	2.4	94.9	.5	811.7
2001	314.2	66.2	252.8	1.7	634.9	98.2	19.7	78.9	5.9	3.7	2.2	.4	3.9	95.0	.5	848.3
2002	315.4	59.7	312.5	2.0	689.5	98.7	20.4	79.4	5.8	3.8	2.3	.4	4.4	96.1	.7	905.3
2003	313.0	60.7	355.4	2.0	731.2	99.2	20.5	78.7	5.9	3.8	2.1	.4	6.0	96.8	.7	948.4
2004	313.0	59.1	371.0	2.3	745.4	99.6	20.8	77.6	6.2	3.5	2.2	.4	6.5	96.4	.7	962.9
2005	313.4	58.5	383.1	2.1	757.1	100.0	21.3	77.5	6.2	3.6	2.3	.4	8.7	98.7	.9	978.0
2006	313.0	58.1	388.3	2.3	761.6	100.3	21.5	77.8	6.4	3.7	2.3	.4	11.3	101.9	.9	986.2
2007	R312.7	R56.1	R392.9	2.3	R764.0	R100.3	R21.9	R77.9	R6.7	R4.1	R2.2	.5	R16.5	R108.0	.8	R994.9

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 Through 1988, hydroelectric pumped storage is included in "Conventional Hydroelectric Power."

⁶ Wood and wood-derived fuels.

⁷ 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).

⁸ Solar thermal and photovoltaic energy.

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

¹⁰ Included in "Wood."

¹¹ Included in "Wind."

¹² Through 1988, data are for electric utilities only. Beginning in 1989, data are for electric utilities, independent power producers, commercial plants, and industrial plants.

R=Revised. 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. • See Note 1, "Coverage of Electricity Statistics," 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 all data beginning in 1949, see <http://www.eia.doe.gov/emeu/aer/elect.html>.

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

Sources: Tables 8.11b and 8.11d.