

Table 904. Total Electric Net Summer Capacity, All Sectors: 1990 to 2007

[In million kilowatts (734.1 represents 734,100,000). Data are at end of year. For plants that use multiple sources of energy, capacity is assigned to the predominant energy source]

Source	1990	1995	2000	2002	2003	2004	2005	2006	2007 ¹
Net summer capacity, total	734.1	769.5	811.7	905.3	948.4	962.9	978.0	986.2	998.8
Fossil fuels, total	527.8	554.2	598.9	689.5	731.2	745.4	757.1	761.6	769.0
Coal ²	307.4	311.4	315.1	315.4	313.0	313.0	313.4	313.0	313.6
Petroleum ³	49.4	44.7	61.8	59.7	60.7	59.1	58.5	58.1	58.3
Natural gas ⁴	169.3	196.4	219.6	312.5	355.4	371.0	383.1	388.3	394.9
Dual fired ⁵	113.6	122.0	149.8	162.3	171.3	172.2	174.7	(NA)	(NA)
Other gases ⁶	1.6	1.7	2.3	2.0	2.0	2.3	2.1	2.3	2.3
Nuclear electric power	99.6	99.5	97.9	98.7	99.2	99.6	100.0	100.3	100.6
Hydroelectric pumped storage	19.5	21.4	19.5	30.4	20.5	20.8	21.3	21.5	21.8
Renewable energy, total	86.8	93.9	94.9	96.1	96.8	96.4	98.7	101.9	106.6
Conventional hydroelectric power . . .	73.9	78.6	79.4	79.4	78.7	77.6	77.5	77.8	77.8
Biomass, total	8.1	10.3	10.0	9.6	9.6	9.7	9.8	10.1	10.4
Wood ⁷	5.5	6.7	6.1	5.8	5.9	6.2	6.2	6.4	6.4
Waste ⁸	2.5	3.5	3.9	3.8	3.8	3.5	3.6	3.7	3.9
Geothermal	2.7	3.0	2.8	2.3	2.1	2.2	2.3	2.3	2.3
Solar ⁹	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.5
Wind	1.8	1.7	2.4	4.4	6.0	6.5	8.7	11.3	15.6
Other ¹⁰	0.5	0.5	0.5	0.7	0.7	0.7	0.9	0.9	0.8

¹ Preliminary. ² Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and coal synfuel. ³ Distillate fuel oil, residual fuel oil, petroleum coke, jet fuel, kerosene, other petroleum, and waste oil. ⁴ Includes a small amount of supplemental gaseous fuels that cannot be identified separately. ⁵ Petroleum and natural gas. ⁶ Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. ⁷ Wood and wood-derived fuels. ⁸ Municipal solid waste from biogenic sources, landfill gas, sludge waste, tires, agricultural byproducts, and other biomass. Also includes nonrenewable waste (municipal solid waste from nonbiogenic sources, and tire-derived fuels). ⁹ Solar thermal and photovoltaic energy. ¹⁰ Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.

Source: U.S. Energy Information Administration, *Annual Energy Review 2007*. See also <<http://www.eia.doe.gov/emeu/aer/elect.html>> (released 23 June 2008).