# Table 8.11a Electric Net Summer Capacity: Total (All Sectors), Selected Years, 1949-2011

(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 |
| 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 | .2 | 1.6 | ( [11] ) | (s) | 90.8 | NA | 655.2 |
| 1986 | NA | NA | NA | NA | 488.3 | 85.2 | ( [5] ) | 89.3 | .2 | .2 | 1.6 | ( [11] ) | (s) | 91.2 | NA | 664.8 |
| 1987 | NA | NA | NA | NA | 488.8 | 93.6 | ( [5] ) | 89.7 | .2 | .2 | 1.5 | ( [11] ) | (s) | 91.7 | NA | 674.1 |
| 1988 | NA | NA | NA | NA | 490.6 | 94.7 | ( [5] ) | 90.3 | .2 | .2 | 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 | 312.7 | 56.1 | 392.9 | 2.3 | 764.0 | 100.3 | 21.9 | 77.9 | 6.7 | 4.1 | 2.2 | .5 | 16.5 | 108.0 | .8 | 994.9 |
| 2008 | 313.3 | 57.4 | 397.5 | 2.0 | 770.2 | 100.8 | 21.9 | 77.9 | 6.9 | 4.2 | 2.2 | .5 | 24.7 | 116.4 | .9 | 1,010.2 |
| 2009 | 314.3 | 56.8 | 401.3 | 1.9 | 774.3 | 101.0 | 22.2 | 78.5 | 6.9 | 4.3 | 2.4 | .6 | 34.3 | 127.1 | .9 | 1,025.4 |
| 2010 | R316.8 | R55.6 | R407.0 | R2.7 | R782.2 | R101.2 | R22.2 | R78.8 | 7.0 | 4.4 | 2.4 | .9 | R39.1 | R132.6 | R.9 | R1,039.1 |
| 2011 P | 319.2 | 55.6 | 413.1 | 2.7 | 790.7 | 101.4 | 22.3 | 78.9 | 7.1 | 4.4 | 2.4 | 1.5 | 45.2 | 139.6 | .9 | 1,054.8 |

[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] 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 (PV) 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. 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 energy source reported as the predominant one. • 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: • See http://www.eia.gov/totalenergy/data/annual/#electricity for all data beginning in 1949. • For related information, see http://www.eia.gov/electricity/.

Sources: Tables 8.11b and 8.11d.