

Table 7.7a Electric Net Summer Capacity: Total (All Sectors)

(Sum of Tables 7.7b, 7.7c, and 7.7d; Million Kilowatts)

	Fossil Fuels				Nuclear Electric Power	Hydroelectric Pumped Storage	Renewable Energy							Battery Storage	Total ⁱ
	Coal ^a	Petroleum ^b	Natural Gas ^c	Total ^d			Conventional Hydroelectric Power ^e	Biomass		Geothermal	Solar ^h	Wind	Total		
								Wood ^f	Waste ^g						
1950 Year	NA	NA	NA	50.0	0.0	(^e)	19.2	(s)	(j)	NA	NA	NA	19.2	NA	69.2
1955 Year	NA	NA	NA	86.8	.0	(^e)	27.4	(s)	(j)	NA	NA	NA	27.4	NA	114.2
1960 Year	NA	NA	NA	130.8	.4	(^e)	35.8	.1	(j)	(s)	NA	NA	35.9	NA	167.1
1965 Year	NA	NA	NA	182.9	.8	(^e)	51.0	.1	(j)	(s)	NA	NA	51.1	NA	234.8
1970 Year	NA	NA	NA	265.4	7.0	(^e)	63.8	.1	(j)	.1	NA	NA	64.0	NA	336.4
1975 Year	NA	NA	NA	375.1	37.3	(^e)	78.4	.1	(j)	.5	NA	NA	79.0	NA	491.3
1980 Year	NA	NA	NA	444.1	51.8	(^e)	81.7	.1	(j)	.9	NA	NA	82.7	NA	578.6
1985 Year	NA	NA	NA	485.0	79.4	(^e)	88.9	.2	.2	1.6	(^k)	(s)	90.8	NA	655.2
1990 Year ^l	307.4	77.9	140.8	527.8	99.6	19.5	73.9	5.5	2.5	2.7	.3	1.8	86.8	NA	734.1
1995 Year	311.4	66.6	174.5	554.2	99.5	21.4	78.6	6.8	3.5	3.0	.3	1.7	93.9	NA	769.5
2000 Year	315.1	61.8	219.6	598.9	97.9	19.5	79.4	6.1	3.9	2.8	.4	2.4	94.9	NA	811.7
2005 Year	313.4	58.5	383.1	757.1	100.0	21.3	77.5	6.2	3.6	2.3	.4	8.7	98.7	NA	978.0
2006 Year	313.0	58.1	388.3	761.6	100.3	21.5	77.8	6.4	3.7	2.3	.4	11.3	101.9	NA	986.2
2007 Year	312.7	56.1	392.9	764.0	100.3	21.9	77.9	6.7	4.1	2.2	.5	16.5	108.0	NA	994.9
2008 Year	313.3	57.4	397.2	769.9	100.8	21.9	77.9	6.9	4.2	2.2	.5	24.7	116.4	NA	1,010.2
2009 Year	314.3	56.8	400.9	773.9	101.0	22.2	78.5	6.9	4.3	2.4	.6	34.3	127.1	NA	1,025.4
2010 Year	317.3	55.6	405.1	780.3	101.2	22.2	78.8	7.0	4.4	2.4	.9	39.1	132.6	(s)	1,039.1
2011 Year	317.6	51.5	415.2	786.2	101.4	22.3	78.7	7.1	4.5	2.4	1.5	45.7	139.9	.1	1,051.3
2012 Year	309.7	47.2	422.4	781.2	101.9	22.4	78.7	7.5	4.8	2.6	3.2	59.1	155.9	.1	1,063.0
2013 Year	303.3	43.5	425.4	774.3	99.2	22.4	79.2	8.4	5.0	2.6	6.6	60.0	161.8	.1	1,060.1
2014 Year	299.1	41.1	432.2	774.3	98.6	22.5	79.7	8.4	5.2	2.5	10.3	64.2	170.3	.2	1,068.4
2015 Year	279.7	36.8	439.4	758.5	98.7	22.6	79.7	9.0	5.1	2.5	13.7	72.6	182.5	.3	1,064.1
2016 Year	266.6	34.4	446.8	750.3	99.6	22.8	79.9	8.9	5.1	2.5	22.0	81.3	199.7	.6	1,074.3
2017 Year	256.5	33.3	456.0	748.2	99.6	22.8	79.8	8.8	5.1	2.5	27.0	87.6	210.8	.7	1,084.4
2018 Year	242.8	32.2	470.2	747.8	99.4	22.8	79.9	8.7	5.0	2.4	31.9	94.4	222.3	.9	1,094.7
2019 Year	228.7	31.4	476.6	739.1	98.1	22.8	79.8	8.4	4.7	2.6	37.5	103.6	236.5	1.0	1,099.1
2020 January	224.0	28.8	481.2	736.2	98.1	22.9	79.8	8.4	4.7	2.6	38.8	104.6	238.8	1.0	1,098.6
February	224.0	28.7	482.5	737.5	98.1	22.9	79.8	8.3	4.7	2.6	39.2	104.7	239.3	1.1	1,100.4
March	223.1	28.5	483.5	737.3	98.1	22.9	79.8	8.3	4.7	2.6	39.5	106.2	241.0	1.1	1,102.0
April	223.1	28.5	484.6	738.5	97.1	22.9	79.8	8.3	4.7	2.6	40.2	106.5	242.0	1.1	1,103.1
May	222.4	28.5	486.4	739.6	97.1	22.9	79.8	8.3	4.7	2.6	40.5	107.3	243.2	1.1	1,105.5
June	221.0	28.5	486.2	738.0	97.1	22.9	79.8	8.3	4.6	2.6	41.6	107.9	244.8	1.1	1,105.5
July	221.0	28.5	486.2	738.1	97.1	22.9	79.8	8.3	4.6	2.6	42.2	108.2	245.7	1.4	1,106.6
August	219.9	28.5	486.3	736.9	97.1	22.9	79.8	8.3	4.6	2.6	42.8	108.7	246.8	1.4	1,106.7
September	218.7	28.5	486.2	735.7	97.1	22.9	79.9	8.3	4.6	2.6	43.4	109.5	248.3	1.4	1,107.0
October	217.6	28.5	485.8	734.2	97.1	23.0	79.9	8.3	4.6	2.6	43.8	109.8	249.1	1.4	1,106.3
November	217.2	28.5	486.2	734.1	96.5	23.0	79.9	8.3	4.6	2.6	44.7	111.5	251.7	1.4	1,108.2
December	215.6	27.6	485.8	731.2	96.5	23.0	79.9	8.3	4.6	2.6	48.1	118.4	261.9	1.5	1,115.7
2021 January	214.1	27.6	486.9	730.8	96.5	23.0	80.0	8.3	4.6	2.6	48.5	119.5	263.4	1.6	1,117.0
February	212.4	27.6	486.9	729.2	96.5	23.0	80.0	8.3	4.6	2.6	49.2	120.5	265.1	1.7	1,117.0
March	212.0	27.6	487.0	728.9	96.5	23.0	80.0	8.2	4.6	2.6	50.8	121.3	267.4	1.8	1,119.2
April	211.7	27.6	487.4	728.9	95.5	23.0	80.0	8.2	4.6	2.6	51.3	121.9	268.5	2.0	1,119.5
May	211.1	27.6	487.4	728.3	95.5	23.0	80.0	8.2	4.6	2.6	52.0	123.3	270.6	2.5	1,121.4
June	210.1	27.0	487.5	726.9	95.5	23.0	80.0	8.2	4.6	2.6	52.8	124.9	273.1	2.8	1,122.8
July	210.1	27.0	488.5	728.0	95.5	23.0	80.0	8.2	4.6	2.6	53.6	126.2	275.1	3.0	1,126.1
August	210.1	27.0	489.2	728.6	95.5	23.0	80.0	8.2	4.6	2.6	55.0	126.5	276.9	3.1	1,128.7
September	210.1	27.0	489.1	728.5	95.5	23.0	80.0	8.2	4.5	2.6	56.1	126.9	278.3	3.3	1,130.1
October	210.1	27.0	490.5	730.0	95.5	23.0	80.0	8.2	4.6	2.6	56.8	128.3	280.4	3.7	1,134.2
November	210.1	27.0	490.6	730.0	95.5	23.0	80.0	8.2	4.6	2.6	57.8	129.4	282.6	4.4	1,137.0
December	209.7	27.0	491.3	730.3	95.5	23.0	80.0	8.2	4.6	2.6	61.0	132.4	288.8	4.6	1,143.8
2022 January	209.6	27.1	492.5	731.5	95.5	23.0	80.0	8.2	4.5	2.6	62.1	133.7	291.2	4.8	1,147.5
February	209.4	27.2	492.4	731.2	95.5	23.0	80.0	8.2	4.5	2.6	62.5	133.9	291.7	4.9	1,147.8
March	208.3	27.2	492.4	730.2	95.5	23.0	80.0	8.2	4.5	2.6	63.6	135.2	294.1	5.1	1,149.4
April	207.0	27.3	493.3	729.8	95.5	23.0	80.0	8.1	4.5	2.6	64.0	137.0	296.4	5.7	1,151.9
May	205.6	27.4	495.3	730.6	95.5	23.1	80.0	8.1	4.5	2.6	64.7	137.2	297.1	5.7	1,153.6
June	203.4	27.4	495.3	728.4	94.8	23.1	79.9	8.0	4.5	2.6	65.7	137.6	298.3	6.1	1,152.1
July	203.4	27.4	497.1	729.7	94.8	23.0	79.9	7.9	4.4	2.6	66.2	137.6	298.6	6.5	1,154.1
August	202.3	27.1	496.1	727.5	94.8	23.0	79.9	7.9	4.4	2.7	66.8	137.5	299.2	6.9	1,152.9

^a Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and coal synfuel.

^b Distillate fuel oil, residual fuel oil, petroleum coke, jet fuel, kerosene, other petroleum, waste oil, and, beginning in 2011, propane.

^c Natural gas, plus a small amount of supplemental gaseous fuels.

^d Includes other gases (blast furnace gas, other manufactured and waste gases derived from fossil fuels, and, through 2010, propane gas), which are not separately shown.

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

^f Wood and wood-derived fuels.

^g Municipal solid waste from biogenic sources, landfill gas, sludge waste, agricultural byproducts, and other biomass. Through 2000, also includes non-renewable waste (municipal solid waste from non-biogenic sources, and tire-derived fuels).

^h Electric net summer capacity from solar thermal and photovoltaic (PV) energy at utility-scale facilities. Does not include small-scale solar photovoltaic capacity.

ⁱ Includes chemicals, hydrogen, pitch, purchased steam, sulfur, miscellaneous technologies, flywheels, and, beginning in 2001, non-renewable waste (municipal

solid waste from non-biogenic sources, and tire-derived fuels), which are not separately shown.

^j Through 1984, waste is included in "Wood."

^k Through 1988, solar is included in "Wind."

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

NA=Not available. (s)=Less than 0.05 million kilowatts.

Notes: • Data are at end of period. • For plants that use multiple sources of energy, capacity is assigned to the energy source reported as the predominant one. • Data are for utility-scale facilities. See Note 1, "Coverage of Electricity Statistics," at end of section. • See "Net summer capacity" in Glossary. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia.

Web Page: See <http://www.eia.gov/totalenergy/data/monthly/#electricity> (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

Sources: Tables 7.7b–7.7d.