

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	Hydro-electric Pumped Storage	Renewable Energy								Battery Storage	Total ⁱ
	Coal ^a	Petroleum ^b	Natural Gas ^c	Total ^d			Conventional Hydro-electric Power ^e	Biomass		Geo-thermal	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	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	
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 Year	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 Year	209.8	28.2	491.9	731.8	95.5	23.0	79.9	7.9	4.5	2.6	61.6	132.8	289.2	4.7	1,145.9	
2022 Year	189.3	30.8	502.4	724.2	94.7	23.0	80.1	7.8	4.3	2.6	72.9	141.4	309.1	9.0	1,161.4	
2023 Year	178.4	29.4	507.5	717.3	95.7	23.1	80.0	7.7	4.1	2.7	92.0	147.4	334.0	16.0	1,187.6	
2024 January	177.5	28.8	507.9	715.9	95.7	23.1	79.9	7.5	4.1	2.7	95.1	147.8	337.1	16.3	1,189.6	
February	177.5	28.8	507.9	715.9	95.7	23.1	79.9	7.5	4.1	2.7	95.7	148.0	337.9	16.3	1,190.4	
March	177.3	28.8	507.2	715.0	95.7	23.2	79.9	7.5	4.1	2.7	98.6	148.2	341.0	17.4	1,193.8	
April	176.7	28.8	506.7	713.9	96.8	23.2	79.9	7.5	4.1	2.7	100.1	149.3	343.5	18.0	1,196.8	
May	176.2	28.8	506.9	713.5	96.8	23.2	79.9	7.5	4.1	2.7	102.6	149.4	346.1	19.2	1,200.3	
June	176.0	28.7	505.5	711.8	96.8	23.2	79.9	7.5	4.1	2.7	105.3	149.4	348.8	20.4	1,202.5	
July	176.0	28.7	506.3	712.7	96.8	23.2	79.9	7.5	4.0	2.7	106.3	150.1	350.5	21.2	1,205.7	
August	176.0	28.7	506.3	712.6	96.8	23.2	79.9	7.5	4.0	2.7	107.5	150.5	352.0	22.4	1,208.5	
September	175.8	28.7	506.3	712.4	96.8	23.2	79.9	7.5	4.0	2.7	110.0	150.6	354.7	23.2	1,211.7	
October	174.6	28.7	506.1	711.0	96.8	23.2	79.9	7.4	4.0	2.7	112.8	150.6	357.4	24.0	1,213.9	
November	174.6	28.7	506.2	711.1	96.8	23.2	79.9	7.4	4.0	2.7	117.8	150.6	362.4	24.8	1,219.8	
December	174.2	28.6	506.4	710.9	96.8	23.2	79.9	7.4	4.0	2.7	123.5	152.1	369.6	27.0	1,228.8	
2025 January	172.9	28.2	507.4	710.3	96.8	23.2	79.9	7.4	4.0	2.7	126.8	153.5	374.3	27.6	1,233.6	
February	172.5	28.2	507.5	709.9	96.8	23.2	79.9	7.4	4.0	2.7	128.0	153.9	375.8	28.2	1,235.3	
March	172.2	28.2	507.3	709.4	96.8	23.2	79.9	7.4	4.0	2.7	130.6	153.9	378.4	29.2	1,238.5	
April	172.2	28.2	507.5	709.5	96.8	23.2	79.9	7.4	4.0	2.7	132.6	154.1	380.7	30.5	1,242.2	
May	172.2	28.1	508.0	709.9	96.9	23.2	79.9	7.4	4.0	2.7	134.0	154.3	382.3	32.2	1,246.0	
June	172.2	28.1	508.6	710.5	96.9	23.2	79.9	7.4	4.0	2.7	136.5	154.9	385.3	33.8	1,251.1	
July	171.8	28.1	509.0	710.5	96.9	23.2	79.9	7.3	4.0	2.7	138.0	155.1	386.9	35.5	1,254.4	
August	171.8	28.1	509.6	711.2	96.9	23.2	79.9	7.3	4.0	2.7	140.5	155.3	389.6	36.6	1,258.9	
September	171.8	28.1	509.6	711.2	96.9	23.2	79.9	7.3	4.0	2.7	142.4	155.5	391.8	37.5	1,262.1	
October	170.9	28.1	510.2	710.9	96.9	23.2	79.9	7.3	4.0	2.7	144.1	155.9	393.8	39.2	1,265.5	
November	170.0	28.1	510.4	710.2	96.9	23.2	79.9	7.3	4.0	2.7	146.4	156.3	396.6	40.6	1,268.9	
December	169.8	28.1	512.1	711.6	96.9	23.2	79.9	7.3	4.0	2.7	151.2	158.3	403.3	42.8	1,279.2	
2026 January	170.0	28.0	511.6	711.2	96.9	23.2	79.9	7.2	4.0	2.7	153.9	159.5	407.3	43.4	1,283.4	
February	171.8	27.8	512.3	713.7	96.9	23.2	80.0	7.2	4.0	2.7	155.5	159.5	408.8	44.6	1,288.7	
March	168.9	27.9	513.4	712.0	96.9	23.1	79.9	7.2	4.0	2.7	156.7	158.8	409.3	46.5	1,289.2	
April	168.7	28.0	515.2	713.7	96.9	23.1	80.0	7.2	4.0	2.7	160.2	160.1	414.1	48.2	1,297.4	
May	169.9	28.0	514.3	714.0	96.9	23.1	80.0	7.1	4.0	2.7	162.0	164.6	420.3	48.8	1,304.6	

^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 fossil 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.