

Table 7.7b Electric Net Summer Capacity: Electric Power Sector

(Subset of Table 7.7a; Million Kilowatts)

	Fossil Fuels				Nuclear Electric Power	Hydro-electric Pumped Storage	Renewable Energy							Battery Storage	Total ^l
	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	(j)	.2	1.6	(k)	(s)	90.8	655.2
1990 Year ^l	302.3	76.8	129.9	509.3	99.6	19.5	73.3	1.2	2.1	2.7	.3	1.8	81.4	NA	709.9
1995 Year	306.0	65.4	161.9	533.7	99.5	21.4	77.4	1.8	3.0	3.0	.3	1.7	87.3	NA	741.8
2000 Year	310.2	60.7	204.7	575.9	97.9	19.5	78.2	1.7	3.3	2.8	.4	2.4	88.8	NA	782.1
2005 Year	309.0	57.4	367.5	734.3	100.0	21.3	76.9	1.6	3.0	2.3	.4	8.7	92.9	NA	948.6
2010 Year	312.9	54.6	389.8	757.5	101.2	22.2	78.5	2.1	3.7	2.4	.9	39.1	126.6	(s)	1,009.2
2011 Year	313.7	50.4	399.7	763.8	101.4	22.3	78.3	2.0	3.8	2.4	1.5	45.6	133.6	.1	1,021.3
2012 Year	305.9	45.7	406.6	758.2	101.9	22.4	78.1	2.3	4.0	2.6	3.1	59.0	149.0	.1	1,032.0
2013 Year	299.9	42.4	409.2	751.7	99.2	22.4	78.5	2.9	4.1	2.6	6.4	59.9	154.5	.1	1,029.0
2014 Year	295.9	40.1	415.6	751.7	98.6	22.5	79.4	2.9	4.2	2.5	10.1	64.2	163.3	.2	1,037.6
2015 Year	277.0	35.7	423.0	736.0	98.7	22.6	79.4	3.1	4.2	2.5	13.4	72.5	175.0	.3	1,032.9
2016 Year	264.3	33.2	430.4	728.2	99.6	22.8	79.6	3.2	4.2	2.5	21.6	81.2	192.3	.6	1,043.6
2017 Year	254.4	32.1	439.5	726.3	99.6	22.8	79.4	3.0	4.2	2.5	26.6	87.5	203.3	.7	1,053.6
2018 Year	240.7	30.8	453.7	725.6	99.4	22.8	79.6	2.9	4.2	2.4	31.5	94.3	214.8	.8	1,063.7
2019 Year	226.8	30.0	459.5	716.7	98.1	22.8	79.5	2.7	3.9	2.5	37.0	103.5	229.1	1.0	1,068.0
2020 Year	214.0	26.2	468.2	708.7	96.5	23.0	79.6	2.7	3.8	2.5	47.6	118.0	254.3	1.5	1,084.2
2021 Year	208.3	26.8	473.5	708.9	95.5	23.0	79.6	2.4	3.7	2.5	61.0	132.6	281.9	4.7	1,114.3
2022 January	200.6	29.8	479.6	710.4	95.4	23.0	79.7	2.4	3.1	2.6	62.3	133.6	283.7	4.9	1,117.6
February	200.6	29.8	479.7	710.4	95.4	23.0	79.7	2.4	3.1	2.6	62.6	133.8	284.3	5.0	1,118.3
March	199.4	29.7	479.4	708.8	95.4	23.0	79.8	2.4	3.0	2.6	63.6	135.0	286.4	5.3	1,119.1
April	198.9	29.6	479.4	708.3	95.4	23.0	79.8	2.4	3.0	2.6	64.0	137.3	289.1	6.0	1,122.1
May	197.4	29.6	481.6	708.9	95.4	23.0	79.8	2.4	3.0	2.6	64.8	137.5	290.1	6.0	1,123.7
June	194.4	29.4	482.7	706.9	94.7	23.0	79.8	2.4	3.0	2.6	66.0	137.9	291.7	6.5	1,123.1
July	194.4	29.4	483.8	708.0	94.7	23.0	79.8	2.4	3.0	2.6	66.6	137.9	292.3	6.9	1,125.1
August	193.4	29.4	483.7	706.9	94.7	23.0	79.8	2.4	3.0	2.7	67.3	137.9	293.0	7.4	1,125.2
September	191.0	29.4	483.7	704.4	94.7	23.0	79.8	2.4	3.0	2.7	68.1	137.9	293.8	7.9	1,123.9
October	191.0	29.3	483.7	704.3	94.7	23.0	79.8	2.4	3.0	2.6	68.6	137.9	294.3	8.6	1,125.1
November	190.8	29.3	484.0	704.5	94.7	23.0	79.8	2.4	3.0	2.6	69.4	139.6	296.8	8.7	1,127.8
December	187.9	29.2	483.6	701.1	94.7	23.0	79.8	2.4	2.9	2.6	72.2	141.3	301.3	8.9	1,129.2
2023 January	185.4	27.3	485.3	698.4	94.6	23.1	79.8	2.4	2.9	2.6	73.4	141.8	303.0	9.1	1,128.4
February	185.4	27.3	486.5	699.6	94.6	23.1	79.8	2.4	2.9	2.6	74.1	142.5	304.4	9.2	1,131.1
March	185.4	27.3	487.1	700.2	94.6	23.2	79.8	2.4	2.9	2.6	74.7	142.9	305.4	9.5	1,133.1
April	185.4	27.3	489.1	702.2	94.6	23.2	79.8	2.4	2.9	2.7	75.6	143.6	307.0	9.6	1,136.9
May	183.9	27.7	488.0	700.0	94.6	23.2	79.8	2.4	2.9	2.7	76.7	144.4	308.8	9.8	1,136.6
June	181.8	27.6	489.0	698.8	94.6	23.2	79.8	2.4	2.9	2.7	78.3	144.4	310.4	10.8	1,138.0
July	181.1	27.6	489.8	698.9	95.7	23.2	79.8	2.4	2.9	2.7	80.3	144.4	312.5	12.3	1,142.8
August	180.5	27.6	489.8	698.3	95.7	23.2	79.8	2.4	2.9	2.7	81.0	144.4	313.2	12.8	1,143.4
September	180.5	27.6	489.5	697.9	95.7	23.2	79.8	2.4	2.9	2.7	81.9	144.5	314.1	13.4	1,144.5
October	180.0	27.6	489.4	697.4	95.7	23.2	79.8	2.4	2.9	2.7	83.3	145.2	316.3	13.6	1,146.4
November	180.0	27.6	490.1	698.1	95.7	23.2	79.8	2.4	2.9	2.7	84.2	145.2	317.1	14.0	1,148.4
December	179.4	27.6	489.5	696.9	95.7	23.2	79.8	2.4	2.9	2.7	90.5	147.5	325.8	15.4	1,157.2
2024 January	176.9	27.6	490.7	695.5	95.7	23.1	79.7	2.3	2.9	2.7	94.0	148.3	329.9	15.8	1,160.3
February	176.5	27.9	489.0	693.8	95.7	23.1	79.7	2.3	2.9	2.7	94.7	148.7	331.0	15.9	1,159.8
March	176.3	27.9	490.0	694.5	95.7	23.2	79.7	2.3	2.8	2.7	97.5	148.8	333.9	16.8	1,164.3
April	175.7	27.8	488.6	692.3	96.9	23.2	79.6	2.3	2.8	2.7	98.7	149.9	336.1	17.5	1,166.2

^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 and independent power producers.

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. • The electric power sector comprises electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. • 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: See end of section.