Table 8.2b Electricity Net Generation at Electricity-Only Plants: Electric Power Sector, 1949-2001

(Billion Kilowatthours)

Year	Fossil Fuels					Nuclear Electric Power	Hydro-electric Pumped Storage [5]	Renewable Energy							Other [9]	Total
	Coal [1]	Petroleum [2]	Natural Gas [3]	Other Gases [4]	Total			Conventional Hydroelectric Power	Wood [6]	Waste [7]	Geo-thermal	Solar [8]	Wind	Total		
1949	135.5	28.5	37.0	NA	201.0	0	([10])	89.7	0.4	NA	NA	NA	NA	90.1	NA	291.1
1950	154.5	33.7	44.6	NA	232.8	0	([10])	95.9	0.4	NA	NA	NA	NA	96.3	NA	329.1
1951	185.2	28.7	56.6	NA	270.5	0	([10])	99.8	0.4	NA	NA	NA	NA	100.1	NA	370.7
1952	195.4	29.7	68.5	NA	293.6	0	([10])	105.1	0.5	NA	NA	NA	NA	105.6	NA	399.2
1953	218.8	38.4	79.8	NA	337.0	0	([10])	105.2	0.4	NA	NA	NA	NA	105.6	NA	442.7
1954	239.1	31.5	93.7	NA	364.4	0	([10])	107.1	0.3	NA	NA	NA	NA	107.3	NA	471.7
1955	301.4	37.1	95.3	NA	433.8	0	([10])	113.0	0.3	NA	NA	NA	NA	113.3	NA	547.0
1956	338.5	35.9	104.0	NA	478.5	0	([10])	122.0	0.2	NA	NA	NA	NA	122.2	NA	600.7
1957	346.4	40.5	114.2	NA	501.1	(s)	([10])	130.2	0.2	NA	NA	NA	NA	130.4	NA	631.5
1958	344.4	40.4	119.8	NA	504.5	0.2	([10])	140.3	0.2	NA	NA	NA	NA	140.4	NA	645.1
1959	378.4	46.8	146.6	NA	571.9	0.2	([10])	137.8	0.2	NA	NA	NA	NA	137.9	NA	710.0
1960	403.1	48.0	158.0	NA	609.0	0.5	([10])	145.8	0.1	NA	(s)	NA	NA	146.0	NA	755.5
1961	421.9	48.5	169.3	NA	639.7	1.7	([10])	152.2	0.1	NA	0.1	NA	NA	152.4	NA	793.8
1962	450.2	48.9	184.3	NA	683.4	2.3	([10])	168.6	0.1	NA	0.1	NA	NA	168.8	NA	854.5
1963	493.9	52.0	201.6	NA	747.5	3.2	([10])	165.8	0.1	NA	0.2	NA	NA	166.1	NA	916.8
1964	526.2	57.0	220.0	NA	803.2	3.3	([10])	177.1	0.1	NA	0.2	NA	NA	177.4	NA	984.0
1965	570.9	64.8	221.6	NA	857.3	3.7	([10])	193.9	0.3	NA	0.2	NA	NA	194.3	NA	1,055.3
1966	613.5	78.9	251.2	NA	943.6	5.5	([10])	194.8	0.3	NA	0.2	NA	NA	195.3	NA	1,144.4
1967	630.5	89.3	264.8	NA	984.6	7.7	([10])	221.5	0.3	NA	0.3	NA	NA	222.2	NA	1,214.4
1968	684.9	104.3	304.4	NA	1,093.6	12.5	([10])	222.5	0.4	NA	0.4	NA	NA	223.3	NA	1,329.4
1969	706.0	137.8	333.3	NA	1,177.1	13.9	([10])	250.2	0.3	NA	0.6	NA	NA	251.1	NA	1,442.2
1970	704.4	184.2	372.9	NA	1,261.5	21.8	([10])	247.7	0.1	0.2	0.5	NA	NA	248.6	NA	1,531.9
1971	713.1	220.2	374.0	NA	1,307.4	38.1	([10])	266.3	0.1	0.2	0.5	NA	NA	267.2	NA	1,612.6
1972	771.1	274.3	375.7	NA	1,421.2	54.1	([10])	272.6	0.1	0.2	1.5	NA	NA	274.4	NA	1,749.7
1973	847.7	314.3	340.9	NA	1,502.9	83.5	([10])	272.1	0.1	0.2	2.0	NA	NA	274.4	NA	1,860.7
1974	828.4	300.9	320.1	NA	1,449.4	114.0	([10])	301.0	0.1	0.2	2.5	NA	NA	303.7	NA	1,867.1
1975	852.8	289.1	299.8	NA	1,441.7	172.5	([10])	300.0	(s)	0.2	3.2	NA	NA	303.5	NA	1,917.6
1976	944.4	320.0	294.6	NA	1,559.0	191.1	([10])	283.7	0.1	0.2	3.6	NA	NA	287.6	NA	2,037.7
1977	985.2	358.2	305.5	NA	1,648.9	250.9	([10])	220.5	0.3	0.2	3.6	NA	NA	224.5	NA	2,124.3
1978	975.7	365.1	305.4	NA	1,646.2	276.4	([10])	280.4	0.2	0.1	3.0	NA	NA	283.7	NA	2,206.3
1979	1,075.0	303.5	329.5	NA	1,708.0	255.2	([10])	279.8	0.3	0.2	3.9	NA	NA	284.2	NA	2,247.4
1980	1,161.6	246.0	346.2	NA	1,753.8	251.1	([10])	276.0	0.3	0.2	5.1	NA	NA	281.5	NA	2,286.4
1981	1,203.2	206.4	345.8	NA	1,755.4	272.7	([10])	260.7	0.2	0.1	5.7	NA	NA	266.7	NA	2,294.8
1982	1,192.0	146.8	305.3	NA	1,644.1	282.8	([10])	309.2	0.2	0.1	4.8	NA	NA	314.4	NA	2,241.2
1983	1,259.4	144.5	274.1	NA	1,678.0	293.7	([10])	332.1	0.2	0.2	6.1	NA	(s)	338.6	NA	2,310.3
1984	1,341.7	119.8	297.4	NA	1,758.9	327.6	([10])	321.2	0.5	0.4	7.7	(s)	(s)	329.8	NA	2,416.3
1985	1,402.1	100.2	291.9	NA	1,794.3	383.7	([10])	281.1	0.7	0.6	9.3	(s)	(s)	291.9	NA	2,469.8
1986	1,385.8	136.6	248.5	NA	1,770.9	414.0	([10])	290.8	0.5	0.7	10.3	(s)	(s)	302.3	NA	2,487.3
1987	1,463.8	118.5	272.6	NA	1,854.9	455.3	([10])	249.7	0.8	0.7	10.8	(s)	(s)	262.0	NA	2,572.1
1988	1,540.7	148.9	252.8	NA	1,942.4	527.0	([10])	222.9	0.9	0.7	10.3	(s)	(s)	234.9	NA	2,704.3
1989[P,11]	1,554.0	158.3	266.9	0	1,979.3	529.4	([10])	268.5	4.2	6.9	14.1	0.3	1.9	295.8	0	2,804.4
1990[P]	1,560.2	117.5	264.6	(s)	1,942.3	576.9	-3.5	288.4	5.3	10.2	14.9	0.4	2.3	321.6	0	2,837.2
1991[P]	1,551.9	112.2	267.8	(s)	1,931.9	612.6	-4.5	284.8	6.0	12.2	15.5	0.5	2.6	321.6	0	2,861.6
1992[P]	1,577.1	90.1	270.9	(s)	1,938.0	618.8	-4.2	250.0	6.6	14.4	16.1	0.4	2.9	290.4	0	2,843.1
1993[P]	1,642.1	100.6	267.2	(s)	2,009.9	610.3	-4.0	277.5	7.2	14.9	16.8	0.5	3.0	319.8	0	2,935.9
1994[P]	1,639.9	92.1	299.7	(s)	2,031.7	640.4	-3.4	254.0	7.6	15.4	15.5	0.5	3.4	296.5	0	2,965.2
1995[P]	1,658.0	62.0	317.4	(s)	2,037.4	673.4	-2.7	305.4	5.9	16.3	13.4	0.5	3.2	344.7	0	3,052.8
1996[P]	1,742.8	68.5	272.8	(s)	2,084.1	674.7	-3.1	341.2	6.5	16.1	14.3	0.5	3.2	381.8	0	3,137.6
1997[P]	1,793.2	80.3	291.1	(s)	2,164.6	628.6	-4.0	350.6	6.5	16.4	14.7	0.5	3.3	392.0	0	3,181.3
1998[P]	1,823.0	115.7	335.9	0.1	2,274.6	673.7	-4.5	317.9	6.6	17.0	14.8	0.5	3.0	359.8	0	3,303.6
1999[P]	1,832.1	104.8	356.6	(s)	2,293.6	728.3	-6.1	314.7	7.3	17.1	14.8	0.5	4.5	358.8	0	3,374.6
2000[P]	1,910.6	98.0	399.4	0.2	2,408.2	753.9	-5.5	271.3	7.3	17.6	14.1	0.5	5.6	316.4	0	3,472.9
2001[P]	1,848.4	113.0	411.3	0.2	2,372.8	768.8	-8.8	213.8	7.2	17.1	13.8	0.5	5.8	258.3	0	3,391.1

[1] Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.
[2] Distillate fuel oil, residual fuel oil, petroleum coke, jet fuel, kerosene, other petroleum, and waste oil.
[3] Natural gas, including a small amount of supplemental gaseous fuels.
[4] Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.
[5] Pumped storage facility production minus energy used for pumping.
[6] Wood, black liquor, and other wood waste.
[7] Municipal solid waste, landfill gas, sludge waste, tires, agricultural byproducts, and other biomass.
[8] Solar thermal and photovoltaic energy.
[9] Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.
[10] Included in "Conventional Hydroelectric Power."
[11] Through 1988, data are for generation at electric utilities only. Beginning in 1989, data also include generation at independent power producers.

R=Revised. P=Preliminary. NA=Not available. (s)=Less than 0.05 billion kilowatthours.

Notes: • Data on this table for the electric power sector (electric utilities and independent power producers) are for electricity-only plants whose primary business is to sell electricity to the public—i.e., NAICS 22 electricity-only plants. For 1949-2001, also includes electric utility combined-heat-and-power (CHP) plants. • Totals may not equal sum of components due to independent rounding.

Web Page: http://www.eia.doe.gov/fuelelectric.html.

Sources: See end of section.