

Table 8.3 Electricity Net Generation at Electric Utilities, 1949-2000

(Billion Kilowatthours)

Year	Fossil Fuels				Nuclear Electric Power	Hydro-electric Pumped Storage ³	Renewable Energy							Total	Total
	Coal	Petroleum ¹	Natural Gas ²	Total			Conventional Hydroelectric Power	Geo-thermal	Wood ⁴	Waste		Wind	Solar ⁷		
										MSW and LFG ⁵	Other Waste ⁶				
1949	135.5	28.5	37.0	201.0	0	(8)	89.7	0	0.4	NA	NA	0	0	90.1	291.1
1950	154.5	33.7	44.6	232.8	0	(8)	95.9	0	0.4	NA	NA	0	0	96.3	329.1
1951	185.2	28.7	56.6	270.5	0	(8)	99.8	0	0.4	NA	NA	0	0	100.1	370.7
1952	195.4	29.7	68.5	293.6	0	(8)	105.1	0	0.5	NA	NA	0	0	105.6	399.2
1953	218.8	38.4	79.8	337.0	0	(8)	105.2	0	0.4	NA	NA	0	0	105.6	442.7
1954	239.1	31.5	93.7	364.4	0	(8)	107.1	0	0.3	NA	NA	0	0	107.3	471.7
1955	301.4	37.1	95.3	433.8	0	(8)	113.0	0	0.3	NA	NA	0	0	113.3	547.0
1956	338.5	35.9	104.0	478.5	0	(8)	122.0	0	0.2	NA	NA	0	0	122.2	600.7
1957	346.4	40.5	114.2	501.1	(s)	(8)	130.2	0	0.2	NA	NA	0	0	130.4	631.5
1958	344.4	40.4	119.8	504.5	0.2	(8)	140.3	0	0.2	NA	NA	0	0	140.4	645.1
1959	378.4	46.8	146.6	571.9	0.2	(8)	137.8	0	0.2	NA	NA	0	0	137.9	710.0
1960	403.1	48.0	158.0	609.0	0.5	(8)	145.8	(s)	0.1	NA	NA	NA	0	146.0	755.5
1961	421.9	48.5	169.3	639.7	1.7	(8)	152.2	0.1	0.1	NA	NA	NA	0	152.4	793.8
1962	450.2	48.9	184.3	683.4	2.3	(8)	168.6	0.1	0.1	NA	NA	NA	0	168.8	854.5
1963	493.9	52.0	201.6	747.5	3.2	(8)	165.8	0.2	0.1	NA	NA	NA	0	166.1	916.8
1964	526.2	57.0	220.0	803.2	3.3	(8)	177.1	0.2	0.1	NA	NA	NA	0	177.4	984.0
1965	570.9	64.8	221.6	857.3	3.7	(8)	193.9	0.2	0.3	NA	NA	NA	0	194.3	1,055.3
1966	613.5	78.9	251.2	943.6	5.5	(8)	194.8	0.2	0.3	NA	NA	NA	0	195.3	1,144.4
1967	630.5	89.3	264.8	984.6	7.7	(8)	221.5	0.3	0.3	NA	NA	NA	0	222.2	1,214.4
1968	684.9	104.3	304.4	1,093.6	12.5	(8)	222.5	0.4	0.4	NA	NA	NA	0	223.3	1,329.4
1969	706.0	137.8	333.3	1,177.1	13.9	(8)	250.2	0.6	0.3	NA	NA	NA	0	251.1	1,442.2
1970	704.4	184.2	372.9	1,261.5	21.8	(8)	247.7	0.5	0.1	0.2	(9)	NA	0	248.6	1,531.9
1971	713.1	220.2	374.0	1,307.4	38.1	(8)	266.3	0.5	0.1	0.2	(9)	NA	0	267.2	1,612.6
1972	771.1	274.3	375.7	1,421.2	54.1	(8)	272.6	1.5	0.1	0.2	(9)	NA	0	274.4	1,749.7
1973	847.7	314.3	340.9	1,502.9	83.5	(8)	272.1	2.0	0.1	0.2	(9)	NA	0	274.4	1,860.7
1974	828.4	300.9	320.1	1,449.4	114.0	(8)	301.0	2.5	0.1	0.2	(9)	NA	0	303.7	1,867.1
1975	852.8	289.1	299.8	1,441.7	172.5	(8)	300.0	3.2	(s)	0.2	(9)	NA	0	303.5	1,917.6
1976	944.4	320.0	294.6	1,559.0	191.1	(8)	283.7	3.6	0.1	0.2	(9)	NA	0	287.6	2,037.7
1977	985.2	358.2	305.5	1,648.9	250.9	(8)	220.5	3.6	0.3	0.2	(9)	NA	0	224.5	2,124.3
1978	975.7	365.1	305.4	1,646.2	276.4	(8)	280.4	3.0	0.2	0.1	(9)	NA	0	283.7	2,206.3
1979	1,075.0	303.5	329.5	1,708.0	255.2	(8)	279.8	3.9	0.3	0.2	(9)	NA	0	284.2	2,247.4
1980	1,161.6	246.0	346.2	1,753.8	251.1	(8)	276.0	5.1	0.3	0.2	(9)	NA	0	281.5	2,286.4
1981	1,203.2	206.4	345.8	1,755.4	272.7	(8)	260.7	5.7	0.2	0.1	(9)	NA	0	266.7	2,294.8
1982	1,192.0	146.8	305.3	1,644.1	282.8	(8)	309.2	4.8	0.2	0.1	(9)	NA	0	314.4	2,241.2
1983	1,259.4	144.5	274.1	1,678.0	293.7	(8)	332.1	6.1	0.2	0.2	(9)	(s)	0	338.6	2,310.3
1984	1,341.7	119.8	297.4	1,758.9	327.6	(8)	321.2	7.7	0.5	0.4	(9)	(s)	(s)	329.8	2,416.3
1985	1,402.1	100.2	291.9	1,794.3	383.7	(8)	281.1	9.3	0.7	0.6	(9)	(s)	(s)	291.9	2,469.8
1986	1,385.8	136.6	248.5	1,770.9	414.0	(8)	290.8	10.3	0.5	0.7	(9)	(s)	(s)	302.3	2,487.3
1987	1,463.8	118.5	272.6	1,854.9	455.3	(8)	249.7	10.8	0.8	0.7	(9)	(s)	(s)	262.0	2,572.1
1988	1,540.7	148.9	252.8	1,942.4	527.0	(8)	222.9	10.3	0.9	0.7	(9)	(s)	(s)	234.9	2,704.3
1989	1,553.7	158.3	266.6	1,978.6	529.4	(8)	265.1	9.3	1.0	0.5	(9)	(s)	(s)	276.4	2,784.3
1990	1,559.6	117.0	264.1	1,940.7	576.9	-3.5	283.4	8.6	0.8	0.7	(9)	(s)	(s)	294.1	2,808.2
1991	1,551.2	111.5	264.2	1,926.8	612.6	-4.5	280.1	8.1	0.7	0.7	(9)	(s)	(s)	290.2	2,825.0
1992	1,575.9	88.9	263.9	1,928.7	618.8	-4.2	243.7	8.1	0.8	0.7	(9)	(s)	(s)	253.9	2,797.2
1993	1,639.2	99.5	258.9	1,997.6	610.3	-4.0	269.1	7.6	0.9	0.7	(9)	(s)	(s)	278.7	2,882.5
1994	1,635.5	91.0	291.1	2,017.6	640.4	-3.4	247.1	6.9	0.8	0.9	(9)	(s)	(s)	256.0	2,910.7
1995	1,652.9	60.8	307.3	2,021.1	673.4	-2.7	296.4	4.7	0.6	0.9	(9)	(s)	(s)	302.8	2,994.5
1996	1,737.5	67.3	262.7	2,067.5	674.7	-3.1	331.1	5.2	0.8	0.9	(9)	(s)	(s)	338.3	3,077.4
1997	1,787.8	77.8	283.6	2,149.2	628.6	-4.0	341.3	5.5	0.7	1.0	(9)	(s)	(s)	348.7	3,122.5
1998	1,807.5	110.2	309.2	2,226.9	673.7	-4.4	308.8	5.2	0.7	1.0	(9)	(s)	(s)	316.0	3,212.2
1999	R1,767.7	R86.9	R296.4	R2,151.0	725.0	-6.0	R299.9	1.7	0.7	R1.0	(9)	(s)	(s)	R303.6	R3,173.7
2000P	1,692.3	72.3	289.8	2,054.4	705.4	-5.3	252.9	0.2	0.7	1.0	(9)	(s)	(s)	255.1	3,009.5

¹ Fuel oil nos. 1, 2, 4, 5, and 6, crude oil, kerosene, and petroleum coke.

² Includes supplemental gaseous fuels.

³ Pumped storage facility production minus energy used for pumping.

⁴ Wood, wood waste, wood liquors, wood sludge, peat, railroad ties, and utility poles.

⁵ Municipal solid waste and landfill gas.

⁶ Methane, digester gas, waste alcohol, sludge waste, solid byproducts, and tires.

⁷ Solar thermal and photovoltaic energy.

⁸ Included in conventional hydroelectric power.

⁹ Included in MSW and LFG.

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

Notes: • See Note 2 at end of section. • Totals may not equal sum of components due to independent rounding.

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

 Sources: • 1949-September 1977—Federal Power Commission, Form FPC-4, "Monthly Power Plant Report." • October 1977-1981—Federal Energy Regulatory Commission, Form FPC-4, "Monthly Power Plant Report." • 1982-1989—Energy Information Administration (EIA), Form EIA-759, "Monthly Power Plant Report." • 1990 forward—EIA, *Electric Power Monthly* (March 2001), Tables 4 and 5.