

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
	Coal	Petroleum ¹	Natural Gas ²	Total			Conventional Hydroelectric Power	Geo-thermal	Wood ⁴	Waste		Wind	Solar ⁷	Total	
										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	0.5	(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	0.6	(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	0.6	(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	0.6	(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	0.4	(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	0.4	(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	0.2	(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	0.3	(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	0.3	(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	0.3	(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	0.3	(s)	(s)	R303.6	R3,173.7
2000 ^P	1,692.3	72.3	289.8	2,054.4	705.4	-5.3	252.9	0.2	0.7	1.0	0.3	(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.