

Table 10a. U.S. Electricity Supply and Demand: Base Case
(Billion Kilowatthours)

	2003				2004				2005				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2003	2004	2005
Net Electricity Generation															
Electric Power Sector ^a															
Coal	485.6	446.7	526.3	489.4	492.9	463.6	526.6	493.1	504.8	466.3	533.7	500.3	1948.0	1976.2	2005.0
Petroleum	31.5	25.8	31.9	23.4	31.6	32.5	31.3	22.6	30.2	22.8	34.6	27.8	112.5	118.0	115.4
Natural Gas	116.9	124.6	190.5	118.7	121.9	147.4	187.9	125.9	126.1	145.4	195.9	127.4	550.6	583.2	594.9
Nuclear	190.1	183.2	202.3	188.2	198.2	189.5	206.1	191.3	196.8	192.9	207.5	192.6	763.7	785.2	789.7
Hydroelectric	60.0	80.0	61.9	58.7	63.9	66.4	60.8	63.1	70.0	84.1	67.5	65.4	260.6	254.2	287.1
Other ^b	13.0	13.8	13.9	14.5	14.6	14.7	15.5	15.5	15.0	15.4	16.2	16.2	55.2	60.3	62.8
Subtotal	897.1	874.0	1026.7	892.9	923.1	914.1	1028.2	911.6	942.9	926.9	1055.4	929.7	3690.7	3777.0	3854.9
Other Sectors ^c	40.2	37.3	38.8	41.0	39.3	39.6	42.1	40.8	40.1	40.3	42.5	40.8	157.3	161.9	163.7
Total Generation	937.3	911.3	1065.5	933.8	962.5	953.7	1070.3	952.4	983.0	967.1	1097.9	970.5	3848.0	3938.9	4018.6
Net Imports	2.6	1.6	4.6	-2.4	-0.9	-0.1	2.7	0.6	0.8	0.1	2.9	0.3	6.4	2.4	4.2
Total Supply	940.0	912.9	1070.1	931.4	961.6	953.6	1073.1	953.0	983.8	967.3	1100.9	970.8	3854.4	3941.3	4022.7
Losses and Unaccounted for ^d	30.5	57.4	44.9	48.0	46.9	60.1	44.5	49.0	48.0	60.8	45.7	49.9	180.8	200.4	204.4
Demand															
Retail Sales ^e															
Residential	337.5	273.4	377.6	291.4	339.2	288.6	369.0	301.3	345.0	292.3	381.1	307.7	1279.9	1298.1	1326.2
Commercial ^f	289.2	292.4	343.8	298.0	288.8	301.7	344.2	300.6	298.9	309.9	356.6	309.9	1223.4	1235.3	1275.3
Industrial	237.2	247.4	259.4	247.4	242.2	258.4	267.5	255.7	246.5	258.6	268.9	256.9	991.4	1023.8	1030.9
Transportation ^g	1.2	1.2	1.5	1.3	1.0	1.2	1.5	1.3	1.1	1.2	1.5	1.3	5.3	5.0	5.1
Subtotal	865.1	814.3	982.4	838.2	871.3	849.9	982.1	859.0	891.5	862.1	1008.1	875.9	3500.0	3562.3	3637.6
Other Use/Sales ^h	44.4	41.2	42.8	45.2	43.4	43.7	46.5	45.0	44.3	44.4	47.0	45.0	173.7	178.6	180.7
Total Demand	909.5	855.5	1025.2	883.4	914.7	893.6	1028.6	904.0	935.8	906.5	1055.1	920.9	3673.6	3740.9	3818.3

^aElectric utilities and independent power producers.

^b"Other" includes generation from other gaseous fuels, geothermal, wind, wood, waste, and solar sources.

^cElectricity generation from combined heat and power (CHP) facilities and electricity-only plants in the industrial and commercial sectors.

^dBalancing item, mainly transmission and distribution losses.

^eTotal of retail electricity sales by electric utilities and power marketers.

^fCommercial sector, including public street and highway lighting, interdepartmental sales and other sales to public authorities. These items, along with transportation sector; electricity were formerly included in an "other" category, which is no longer provided. (See EIA's Monthly Energy Review, Table 7.5, for a comparison of "Old Basis" and "New Basis" electricity retail sales.) Through 2003, data are estimated as the sum of "Old Basis Commercial" and approximately 95 percent of "Old Basis Other"; beginning in 2004, data are actual survey data.

^gTransportation sector, including sales to railroads and railways. Through 2003, data are estimated as approximately 5 percent of "Old Basis Other"; beginning in 2004, data are actual survey data.

^hDefined as the sum of facility use of onsite net electricity generation plus direct sales of power by industrial- or commercial-sector generators to third parties, reported annually in Table 7.5 of the *Monthly Energy Review (MER)*. Data for 2003 are estimates.

Notes: Minor discrepancies with other EIA published historical data are due to rounding. Historical data are printed in bold; estimates and forecasts are in italics. The forecasts were generated by simulation of the Short-Term Integrated Forecasting System.

Sources: Historical data: EIA: latest data available from EIA databases supporting the following reports: *Electric Power Annual*, DOE/EIA-0226 and *Electric Power Monthly*, DOE/EIA-0226. Projections: EIA, Short-Term Integrated Forecasting System database, and Office of Coal, Nuclear, Electric and Alternate Fuels (hydroelectric and nuclear).