Table 10. U.S. Electricity Supply and Demand: Mid World Oil Price Case

(Billion Kilowatt-hours)

	1999				2000				2001				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1999	2000	2001
Supply															
Net Utility Generation															
Coal	**430.0**	**423.8**	**487.6**	**426.2**	**425.7**	*412.8*	*474.3*	*435.7*	*444.0*	*434.0*	*480.5*	*437.2*	**1767.7**	*1748.6*	*1795.6*
Petroleum	**25.7**	**22.2**	**27.4**	**11.7**	**11.0**	*13.3*	*19.8*	*13.2*	*18.4*	*18.6*	*22.4*	*15.1*	**86.9**	*57.3*	*74.5*
Natural Gas	**51.5**	**80.7**	**107.5**	**56.7**	**54.4**	*77.6*	*97.2*	*53.7*	*44.9*	*74.6*	*100.9*	*51.9*	**296.4**	*282.9*	*272.3*
Nuclear	**181.2**	**166.1**	**195.0**	**182.6**	**185.0**	*184.1*	*184.2*	*166.1*	*180.8*	*164.1*	*192.7*	*173.7*	**725.0**	*719.4*	*711.2*
Hydroelectric	**83.4**	**79.8**	**69.9**	**60.9**	**66.9**	*78.2*	*65.3*	*61.9*	*72.8*	*74.5*	*62.0*	*61.1*	**293.9**	*272.4*	*270.4*
Geothermal and Other [a]	**1.6**	**1.0**	**0.6**	**0.5**	**0.5**	*0.5*	*0.6*	*0.6*	*0.5*	*0.5*	*0.6*	*0.6*	**3.7**	*2.2*	*2.2*
Subtotal	**773.4**	**773.6**	**888.0**	**738.7**	**743.4**	*766.6*	*841.5*	*731.2*	*761.4*	*766.2*	*859.1*	*739.6*	**3173.7**	*3082.7*	*3126.3*
Nonutility Generation [b]															
Coal	**19.4**	**22.9**	**32.4**	**39.2**	**55.2**	*52.2*	*60.2*	*57.6*	*56.2*	*53.1*	*61.7*	*59.0*	**113.9**	*225.2*	*230.0*
Petroleum	**7.8**	**8.7**	**8.7**	**6.9**	**11.1**	*7.5*	*8.1*	*9.1*	*7.7*	*7.5*	*8.1*	*9.1*	**32.1**	*35.8*	*32.5*
Natural Gas	**53.2**	**58.6**	**77.7**	**69.9**	**66.9**	*66.7*	*88.6*	*79.7*	*75.4*	*76.0*	*101.0*	*90.8*	**259.5**	*301.9*	*343.3*
Other Gaseous Fuels [c]	**2.0**	**2.2**	**2.9**	**2.6**	**2.5**	*2.0*	*2.0*	*2.3*	*2.0*	*1.9*	*2.1*	*2.3*	**9.5**	*8.8*	*8.2*
Nuclear	**0.0**	**0.0**	**1.1**	**2.1**	**5.2**	*3.9*	*3.1*	*2.8*	*3.0*	*2.7*	*3.2*	*2.9*	**3.2**	*14.9*	*11.8*
Hydroelectric	**3.7**	**3.8**	**2.9**	**3.1**	**3.9**	*3.4*	*2.7*	*3.2*	*2.8*	*2.8*	*2.8*	*3.2*	**13.5**	*13.3*	*11.7*
Geothermal and Other [d]	**19.6**	**21.4**	**23.5**	**21.2**	**21.8**	*22.7*	*25.0*	*27.9*	*24.0*	*23.4*	*25.1*	*26.3*	**85.7**	*97.3*	*98.8*
Subtotal	**105.6**	**117.6**	**149.2**	**145.0**	**166.6**	*158.5*	*189.7*	*182.5*	*171.2*	*167.5*	*204.0*	*193.7*	**517.4**	*697.2*	*736.3*
Total Generation	**879.0**	**891.2**	**1037.2**	**883.6**	**910.0**	*925.0*	*1031.2*	*913.7*	*932.6*	*933.8*	*1063.1*	*933.3*	**3691.1**	*3780.0*	*3862.7*
Net Imports [e]	**2.0**	**7.6**	**11.5**	**8.2**	**6.7**	*7.6*	*9.0*	*7.2*	*6.2*	*7.7*	*10.5*	*7.0*	**29.3**	*30.5*	*31.4*
Total Supply	**881.0**	**898.8**	**1048.7**	**891.9**	**916.7**	*932.6*	*1040.2*	*920.9*	*938.7*	*941.5*	*1073.5*	*940.3*	**3720.4**	*3810.4*	*3894.0*
Losses and Unaccounted for [f]	**53.3**	**76.9**	**62.3**	**59.0**	**59.3**	*83.0*	*63.9*	*63.5*	*54.1*	*81.7*	*66.1*	*64.8*	**251.5**	*269.7*	*266.7*
Demand															
Electric Utility Sales															
Residential	**287.7**	**251.0**	**350.9**	**256.1**	**294.2**	*265.9*	*335.9*	*268.2*	*306.8*	*266.3*	*349.7*	*273.6*	**1145.7**	*1164.2*	*1196.4*
Commercial	**227.8**	**238.6**	**279.6**	**236.8**	**234.7**	*245.9*	*281.0*	*244.9*	*245.4*	*250.1*	*290.9*	*251.4*	**982.9**	*1006.5*	*1037.8*
Industrial	**252.1**	**267.7**	**277.6**	**265.7**	**258.4**	*270.1*	*280.3*	*269.8*	*261.7*	*273.3*	*284.1*	*273.4*	**1063.3**	*1078.6*	*1092.4*
Other	**24.7**	**25.3**	**28.4**	**25.7**	**26.3**	*26.0*	*29.2*	*26.5*	*26.3*	*26.5*	*29.8*	*26.9*	**104.2**	*108.0*	*109.5*
Subtotal	**792.4**	**782.6**	**936.6**	**784.4**	**813.6**	*807.9*	*926.4*	*809.4*	*840.2*	*816.3*	*954.4*	*825.2*	**3296.0**	*3357.3*	*3436.1*
Nonutility Use/Sales [b]	**35.3**	**39.3**	**49.8**	**48.4**	**43.8**	*41.7*	*49.9*	*48.0*	*44.4*	*43.5*	*53.0*	*50.3*	**172.8**	*183.4*	*191.2*
Total Demand	**827.7**	**821.9**	**986.5**	**832.8**	**857.4**	*849.6*	*976.3*	*857.4*	*884.6*	*859.7*	*1007.4*	*875.5*	**3468.9**	*3540.7*	*3627.3*
Memo:															
Nonutility Sales to Electric Utilities [b]	**70.4**	**78.3**	**99.4**	**96.5**	**122.8**	*116.8*	*139.8*	*134.5*	*126.7*	*124.0*	*151.0*	*143.4*	**344.5**	*513.8*	*545.2*

[a] "Other" includes generation from wind, wood, waste, and solar sources.

[b] Electricity(net Generation) from nonutility sources, including cogenerators and small power producers.

[c] Includes refinery still gas and other process or waste gases and liquefied petroleum gases.

[d] Includes geothermal, solar, wind, wood, waste, hydrogen, sulfur, batteries, chemicals and spent sulfite liquor.

[e] Data for 1999 are estimates.

[f] Balancing item, mainly transmission and distribution losses.

[g] Defined as the difference between total nonutility electricity generation and sales to electric utilities by nonutility generators, reported on Form EIA-867, "Annual Nonutility Power Producer Report." Data for 1999 are estimates.

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

Sources: Historical data: Energy Information Administration: latest data available from EIA databases supporting the following report: *Electric Power Monthly*, DOE/EIA-0226. Projections: Energy Information Administration, Short-Term Integrated Forecasting System database, and Office of Coal, Nuclear, Electric and Alternate Fuels.