

Table B1. Total Energy Supply and Disposition Summary
(Quadrillion Btu per Year, Unless Otherwise Noted)

Supply, Disposition, and Prices	1996	Projections						
		2005						
		Reference Case	24 Percent Above	14 Percent Above	9 Percent Above	1990 Level	3 Percent Below	7 Percent Below
Production								
Crude Oil and Lease Condensate	13.71	12.74	12.72	12.71	12.71	12.70	12.69	12.70
Natural Gas Plant Liquids	2.46	2.53	2.56	2.56	2.59	2.62	2.62	2.62
Dry Natural Gas	19.55	22.03	22.24	22.26	22.53	22.74	22.77	22.72
Coal	22.64	25.83	24.73	23.04	21.02	20.07	19.69	18.65
Nuclear Power	7.20	6.95	7.29	7.30	7.30	7.45	7.45	7.45
Renewable Energy ¹	6.83	6.99	7.10	7.17	7.18	7.28	7.34	7.44
Other ²	1.33	0.58	0.58	0.57	0.52	0.51	0.51	0.51
Total	73.73	77.65	77.22	75.61	73.84	73.39	73.09	72.10
Imports								
Crude Oil ³	16.30	21.51	21.49	21.44	21.33	21.30	21.18	21.13
Petroleum Products ⁴	3.98	5.79	5.78	5.49	5.23	5.06	5.06	5.08
Natural Gas	2.93	4.87	4.88	4.87	4.93	4.94	5.28	5.32
Other Imports ⁵	0.57	1.04	0.52	0.52	0.52	0.47	0.47	0.47
Total	23.78	33.21	32.67	32.33	32.00	31.78	32.00	32.00
Exports								
Petroleum ⁶	2.04	1.99	2.02	1.99	1.88	1.86	1.86	1.90
Natural Gas	0.16	0.28	0.15	0.15	0.15	0.15	0.14	0.14
Coal	2.37	2.64	2.27	2.27	2.27	2.11	2.11	2.11
Total	4.57	4.91	4.44	4.41	4.30	4.11	4.11	4.14
Discrepancy⁷	0.82	-0.13	-0.13	-0.20	0.07	-0.07	-0.16	0.26
Consumption								
Petroleum Products ⁸	36.01	41.09	41.01	40.71	40.36	40.18	40.06	39.97
Natural Gas	22.43	26.51	26.85	26.86	27.18	27.41	27.80	27.74
Coal	20.90	23.50	22.75	20.97	19.28	18.32	17.86	17.29
Nuclear Power	7.20	6.95	7.29	7.30	7.30	7.45	7.45	7.45
Renewable Energy ¹	6.84	7.01	7.12	7.18	7.20	7.30	7.36	7.45
Other ⁹	0.39	0.77	0.30	0.30	0.30	0.30	0.30	0.30
Total	93.77	105.82	105.32	103.32	101.61	100.98	100.82	100.22
Net Imports - Petroleum	18.25	25.31	25.25	24.94	24.68	24.51	24.39	24.32
Prices (1996 dollars per unit)								
World Oil Price (dollars per barrel) ¹⁰	20.48	20.26	20.12	20.04	19.96	19.95	19.91	19.89
Gas Wellhead Price (dollars per Mcf) ¹¹	2.24	2.20	2.18	2.19	2.21	2.24	2.24	2.24
Coal Minemouth Price (dollars per ton)	18.50	15.03	15.39	15.78	16.10	16.13	16.17	16.36
Average Electric Price (cents per kwh)	6.8	6.0	6.1	6.9	7.4	7.7	7.8	7.9

Table B1. Total Energy Supply and Disposition Summary (Continued)
(Quadrillion Btu per Year, Unless Otherwise Noted)

Projections													
2010							2020						
Reference Case	24 Percent Above	14 Percent Above	9 Percent Above	1990 Level	3 Percent Below	7 Percent Below	Reference Case	24 Percent Above	14 Percent Above	9 Percent Above	1990 Level	3 Percent Below	7 Percent Below
12.40	12.32	12.19	12.14	12.07	12.03	12.00	10.96	10.59	10.46	10.44	10.24	10.12	10.02
2.82	2.88	2.99	3.11	3.16	3.14	3.11	3.24	3.41	3.50	3.57	3.55	3.48	3.37
24.33	24.79	25.70	26.67	27.09	26.91	26.50	27.66	29.05	29.78	30.27	30.13	29.37	28.52
26.75	21.71	16.90	13.69	9.49	8.44	7.21	28.15	17.30	11.90	9.08	4.86	4.14	3.51
6.17	6.68	6.90	6.98	7.36	7.36	7.41	3.80	5.06	5.63	5.90	6.67	6.86	7.41
7.25	7.42	7.58	7.70	7.96	8.21	8.41	7.56	8.26	9.39	9.73	11.01	11.88	12.89
0.57	0.53	0.57	0.56	0.56	0.70	0.75	0.64	0.63	0.65	0.66	0.81	0.89	0.87
80.29	76.32	72.83	70.85	67.69	66.79	65.39	82.01	74.30	71.32	69.65	67.27	66.73	66.59
22.09	22.08	22.03	21.94	21.13	20.89	20.31	24.73	24.47	24.65	24.67	24.57	24.56	24.13
7.77	7.07	5.86	5.34	4.21	3.74	3.54	9.26	8.14	7.53	7.42	6.47	5.77	4.96
5.12	5.12	5.29	5.49	5.64	5.92	5.94	5.50	5.80	5.97	6.10	6.06	6.37	6.37
1.05	0.43	0.44	0.44	0.34	0.34	0.34	1.08	0.47	0.48	0.49	0.41	0.41	0.41
36.03	34.70	33.61	33.21	31.31	30.89	30.13	40.57	38.87	38.63	38.67	37.51	37.10	35.87
1.75	1.90	1.86	1.87	1.54	1.61	1.68	1.69	1.67	1.65	1.67	1.66	1.66	1.52
0.29	0.14	0.14	0.14	0.14	0.14	0.14	0.32	0.14	0.14	0.14	0.14	0.14	0.14
2.88	2.28	2.28	2.28	1.95	1.95	1.95	3.29	2.37	2.37	2.37	1.92	1.92	1.92
4.93	4.32	4.28	4.29	3.63	3.69	3.77	5.30	4.18	4.16	4.18	3.72	3.72	3.58
-0.21	-0.22	-0.31	-0.20	-0.14	-0.06	-0.08	-0.26	-0.34	-0.18	-0.34	-0.17	-0.17	-0.12
43.82	42.83	41.64	41.12	39.49	38.89	38.06	46.88	45.25	44.87	44.78	43.75	42.94	41.67
28.97	29.57	30.65	31.82	32.38	32.49	32.09	32.65	34.50	35.40	36.02	35.84	35.39	34.54
24.14	19.70	14.81	11.68	7.80	6.72	5.44	25.27	15.28	10.02	7.06	3.34	2.59	1.98
6.17	6.68	6.90	6.98	7.36	7.36	7.41	3.80	5.06	5.63	5.90	6.67	6.86	7.41
7.27	7.44	7.61	7.72	7.98	8.23	8.44	7.59	8.29	9.43	9.77	11.05	11.91	12.92
0.80	0.25	0.25	0.25	0.24	0.23	0.23	0.83	0.26	0.26	0.26	0.25	0.25	0.24
111.18	106.48	101.86	99.57	95.23	93.93	91.67	117.02	108.64	105.61	103.79	100.90	99.94	98.76
28.11	27.26	26.03	25.41	23.80	23.02	22.17	32.31	30.94	30.53	30.42	29.38	28.66	27.57
20.77	19.99	19.15	18.72	18.11	17.82	17.54	21.69	20.14	19.81	19.73	19.08	18.74	18.38
2.33	2.38	2.62	2.78	3.01	3.01	3.03	2.62	3.02	3.50	3.71	3.74	3.67	3.53
14.29	14.72	15.81	16.42	17.53	17.90	18.29	12.53	14.29	15.51	16.24	18.58	19.63	20.50
5.9	7.1	8.2	8.8	10.0	10.5	11.0	5.6	7.3	7.8	8.1	8.7	8.9	9.3

¹Includes grid-connected electricity from conventional hydroelectric; wood and wood waste; landfill gas; municipal solid waste; other biomass; wind; photovoltaic and solar thermal sources; non-electric energy from renewable sources, such as active and passive solar systems, and wood; and both the ethanol and gasoline components of E85, but not the ethanol components of blends less than 85 percent. Excludes electricity imports using renewable sources and nonmarketed renewable energy. See Table B18 for selected nonmarketed residential and commercial renewable energy.

²Includes liquid hydrogen, methanol, supplemental natural gas, and some domestic inputs to refineries.

³Includes imports of crude oil for the Strategic Petroleum Reserve.

⁴Includes imports of finished petroleum products, imports of unfinished oils, alcohols, ethers, and blending components.

⁵Includes coal, coal coke (net), and electricity (net).

⁶Includes crude oil and petroleum products.

⁷Balancing item. Includes unaccounted for supply, losses, gains, and net storage withdrawals.

⁸Includes natural gas plant liquids, crude oil consumed as a fuel, and nonpetroleum based liquids for blending, such as ethanol.

⁹Includes net electricity imports, methanol, and liquid hydrogen.

¹⁰Average refiner acquisition cost for imported crude oil.

¹¹Represents lower 48 onshore and offshore supplies.

Btu = British thermal unit.

Mcf = Thousand cubic feet.

Kwh = Kilowatthour.

Note: Totals may not equal sum of components due to independent rounding. Figures may differ from published data due to internal conversion factors.

Sources: 1996 natural gas values: Energy Information Administration (EIA), *Natural Gas Monthly*, DOE/EIA-0130(97/06) (Washington, DC, June 1997). 1996 coal minemouth price: *Coal Industry Annual 1996* DOE/EIA-0584(96) (Washington, DC, November 1997). Coal production and exports derived from: EIA, *Monthly Energy Review*, DOE/EIA-0035(97/08) (Washington, DC, August 1997). Other 1996 values: EIA, *Annual Energy Review 1996*, DOE/EIA-0384(96) (Washington, DC, July 1997). **Projections:** EIA, AEO98 National Energy Modeling System runs KYBASE.D080398A, FD24ABV.D080398B, FD1998.D080398B, FD09ABV.D080398B, FD1990.D080398B, FD03BLW.D080398B, and FD07BLW.D080398B.

Table B2. Energy Consumption by Sector and Source
(Quadrillion Btu per Year, Unless Otherwise Noted)

Sector and Source	1996	Projections						
		2005						
		Reference Case	24 Percent Above	14 Percent Above	9 Percent Above	1990 Level	3 Percent Below	7 Percent Below
Energy Consumption								
Residential								
Distillate Fuel	0.89	0.77	0.77	0.75	0.74	0.74	0.73	0.73
Kerosene	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Liquefied Petroleum Gas	0.42	0.44	0.43	0.43	0.43	0.43	0.42	0.42
Petroleum Subtotal	1.40	1.28	1.28	1.25	1.23	1.23	1.22	1.22
Natural Gas	5.39	5.53	5.52	5.35	5.25	5.21	5.19	5.16
Coal	0.05	0.06	0.05	0.05	0.04	0.04	0.04	0.04
Renewable Energy ¹	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61
Electricity	3.68	4.34	4.32	4.21	4.13	4.10	4.09	4.07
Delivered Energy	11.13	11.81	11.77	11.47	11.26	11.19	11.16	11.10
Electricity Related Losses	8.21	9.12	8.98	8.63	8.33	8.25	8.25	8.15
Total	19.34	20.92	20.75	20.11	19.59	19.45	19.41	19.25
Commercial								
Distillate Fuel	0.44	0.39	0.39	0.37	0.36	0.36	0.36	0.35
Residual Fuel	0.15	0.12	0.12	0.12	0.12	0.12	0.12	0.12
Kerosene	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Liquefied Petroleum Gas	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Motor Gasoline ²	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Petroleum Subtotal	0.71	0.64	0.64	0.62	0.61	0.61	0.61	0.60
Natural Gas	3.30	3.63	3.62	3.51	3.42	3.39	3.37	3.34
Coal	0.08	0.09	0.09	0.09	0.09	0.09	0.08	0.08
Renewable Energy ³	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	3.37	3.91	3.90	3.80	3.70	3.65	3.65	3.63
Delivered Energy	7.47	8.28	8.26	8.02	7.82	7.74	7.72	7.66
Electricity Related Losses	7.52	8.23	8.11	7.78	7.46	7.36	7.37	7.27
Total	14.98	16.51	16.37	15.80	15.29	15.10	15.09	14.93
Industrial⁴								
Distillate Fuel	1.17	1.33	1.33	1.33	1.33	1.32	1.32	1.33
Liquefied Petroleum Gas	2.12	2.28	2.28	2.27	2.25	2.25	2.25	2.24
Petrochemical Feedstock	1.28	1.39	1.39	1.38	1.36	1.36	1.36	1.35
Residual Fuel	0.34	0.35	0.35	0.35	0.34	0.34	0.33	0.34
Motor Gasoline ²	0.19	0.22	0.22	0.22	0.22	0.22	0.22	0.22
Other Petroleum ⁵	4.12	4.56	4.55	4.52	4.44	4.41	4.39	4.35
Petroleum Subtotal	9.23	10.14	10.12	10.06	9.95	9.90	9.87	9.83
Natural Gas ⁶	9.96	10.97	10.97	11.01	11.11	11.13	11.15	11.14
Metallurgical Coal	0.85	0.76	0.76	0.75	0.75	0.74	0.74	0.74
Steam Coal	1.55	1.69	1.67	1.40	1.24	1.19	1.17	1.15
Net Coal Coke Imports	0.00	0.16	0.16	0.16	0.15	0.15	0.14	0.14
Coal Subtotal	2.40	2.60	2.58	2.30	2.13	2.08	2.06	2.04
Renewable Energy ⁷	1.82	2.11	2.11	2.11	2.10	2.09	2.09	2.09
Electricity	3.46	4.05	4.03	3.98	3.92	3.88	3.88	3.85
Delivered Energy	26.87	29.87	29.82	29.46	29.21	29.09	29.04	28.95
Electricity Related Losses	7.72	8.52	8.39	8.16	7.91	7.82	7.81	7.71
Total	34.59	38.39	38.22	37.61	37.12	36.91	36.86	36.66

Table B2. Energy Consumption by Sector and Source (Continued)
(Quadrillion Btu per Year, Unless Otherwise Noted)

Projections													
2010							2020						
Reference Case	24 Percent Above	14 Percent Above	9 Percent Above	1990 Level	3 Percent Below	7 Percent Below	Reference Case	24 Percent Above	14 Percent Above	9 Percent Above	1990 Level	3 Percent Below	7 Percent Below
0.73	0.70	0.67	0.65	0.62	0.60	0.59	0.66	0.61	0.60	0.59	0.56	0.55	0.53
0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.07	0.06	0.06	0.06	0.06	0.06	0.05
0.45	0.44	0.44	0.43	0.42	0.41	0.41	0.47	0.46	0.46	0.46	0.45	0.44	0.42
1.25	1.21	1.17	1.15	1.10	1.08	1.05	1.20	1.13	1.12	1.11	1.07	1.04	1.01
5.71	5.43	5.15	5.00	4.72	4.64	4.51	5.98	5.45	5.22	5.10	4.89	4.81	4.68
0.05	0.04	0.04	0.04	0.04	0.03	0.03	0.05	0.04	0.04	0.04	0.04	0.03	0.03
0.61	0.61	0.62	0.62	0.63	0.63	0.63	0.62	0.63	0.64	0.64	0.65	0.66	0.67
4.62	4.42	4.27	4.19	4.05	3.99	3.93	5.30	4.97	4.88	4.82	4.73	4.71	4.65
12.24	11.72	11.25	11.00	10.54	10.36	10.15	13.14	12.22	11.90	11.71	11.38	11.25	11.04
9.30	8.49	7.71	7.27	6.89	6.85	6.72	9.81	8.19	7.60	7.28	7.04	7.11	7.25
21.55	20.20	18.95	18.27	17.43	17.21	16.86	22.95	20.41	19.50	18.99	18.42	18.37	18.29
0.38	0.36	0.34	0.33	0.30	0.28	0.26	0.36	0.33	0.32	0.31	0.30	0.28	0.26
0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.11	0.11
0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09
0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02
0.64	0.61	0.59	0.58	0.55	0.53	0.51	0.62	0.58	0.57	0.57	0.55	0.53	0.51
3.79	3.59	3.36	3.22	2.92	2.81	2.65	3.93	3.55	3.37	3.27	3.09	2.99	2.84
0.10	0.09	0.08	0.08	0.07	0.07	0.06	0.10	0.09	0.09	0.08	0.08	0.07	0.06
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.17	3.96	3.78	3.68	3.48	3.39	3.30	4.53	4.19	4.08	4.02	3.90	3.85	3.77
8.69	8.26	7.82	7.56	7.02	6.80	6.52	9.18	8.41	8.12	7.94	7.61	7.45	7.18
8.39	7.60	6.82	6.38	5.91	5.82	5.64	8.39	6.90	6.35	6.06	5.79	5.81	5.88
17.08	15.86	14.64	13.94	12.93	12.63	12.16	17.57	15.31	14.48	14.00	13.40	13.26	13.06
1.42	1.41	1.42	1.43	1.43	1.43	1.44	1.52	1.52	1.54	1.55	1.57	1.57	1.58
2.44	2.40	2.38	2.38	2.34	2.35	2.37	2.52	2.47	2.47	2.46	2.50	2.50	2.47
1.48	1.45	1.42	1.41	1.37	1.36	1.35	1.52	1.46	1.45	1.44	1.42	1.42	1.41
0.35	0.35	0.35	0.36	0.35	0.33	0.41	0.35	0.37	0.39	0.50	0.49	0.47	0.44
0.24	0.24	0.23	0.23	0.23	0.23	0.23	0.26	0.25	0.25	0.25	0.25	0.25	0.25
4.79	4.68	4.62	4.61	4.42	4.31	4.22	5.08	5.08	5.20	5.16	5.03	4.96	4.82
10.72	10.53	10.41	10.41	10.14	10.02	10.01	11.25	11.16	11.30	11.37	11.26	11.16	10.97
11.43	11.47	11.52	11.54	11.44	11.43	11.12	11.78	11.65	11.45	11.31	11.29	11.24	11.37
0.70	0.65	0.61	0.61	0.60	0.60	0.59	0.58	0.44	0.41	0.40	0.39	0.38	0.38
1.74	1.36	1.14	1.07	0.92	0.87	0.83	1.79	1.36	1.30	1.26	1.09	1.00	0.90
0.20	0.22	0.23	0.23	0.22	0.22	0.22	0.27	0.32	0.33	0.33	0.34	0.34	0.34
2.65	2.22	1.98	1.91	1.73	1.69	1.64	2.64	2.12	2.04	1.99	1.82	1.73	1.62
2.25	2.25	2.24	2.23	2.19	2.18	2.17	2.35	2.39	2.39	2.39	2.39	2.39	2.40
4.30	4.13	3.99	3.95	3.78	3.74	3.67	4.51	4.27	4.19	4.13	4.04	4.01	3.98
31.35	30.60	30.14	30.04	29.29	29.05	28.61	32.53	31.59	31.37	31.19	30.81	30.53	30.34
8.65	7.92	7.21	6.85	6.44	6.43	6.28	8.37	7.05	6.51	6.23	6.01	6.06	6.20
40.00	38.52	37.34	36.89	35.73	35.48	34.88	40.89	38.64	37.88	37.42	36.82	36.60	36.55

Table B2. Energy Consumption by Sector and Source (Continued)
(Quadrillion Btu per Year, Unless Otherwise Noted)

Sector and Source	1996	Projections						
		2005						
		Reference Case	24 Percent Above	14 Percent Above	9 Percent Above	1990 Level	3 Percent Below	7 Percent Below
Transportation								
Distillate Fuel ⁸	4.48	5.65	5.64	5.59	5.54	5.52	5.51	5.49
Jet Fuel ⁹	3.27	4.36	4.35	4.33	4.31	4.29	4.27	4.25
Motor Gasoline ²	14.94	17.04	17.02	16.93	16.81	16.77	16.72	16.69
Residual Fuel	0.90	1.10	1.10	1.10	1.10	1.10	1.10	1.09
Liquefied Petroleum Gas	0.04	0.13	0.13	0.13	0.13	0.13	0.13	0.13
Other Petroleum ¹⁰	0.29	0.32	0.32	0.32	0.32	0.32	0.32	0.32
Petroleum Subtotal	23.92	28.61	28.57	28.41	28.21	28.12	28.05	27.98
Pipeline Fuel Natural Gas	0.73	0.80	0.83	0.82	0.82	0.82	0.84	0.83
Compressed Natural Gas	0.01	0.18	0.18	0.17	0.17	0.17	0.17	0.17
Renewable Energy (E85) ¹¹	0.01	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Methanol ¹²	0.01	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Liquid Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.06	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Delivered Energy	24.73	29.81	29.81	29.64	29.45	29.35	29.30	29.22
Electricity Related Losses	0.13	0.17	0.17	0.17	0.17	0.17	0.17	0.16
Total	24.86	29.99	29.98	29.81	29.61	29.52	29.47	29.39
Delivered Energy Consumption for All Sectors								
Distillate Fuel	6.98	8.15	8.13	8.04	7.97	7.94	7.93	7.90
Kerosene	0.14	0.12	0.12	0.12	0.12	0.12	0.12	0.12
Jet Fuel ⁹	3.27	4.36	4.35	4.33	4.31	4.29	4.27	4.25
Liquefied Petroleum Gas	2.66	2.94	2.94	2.91	2.90	2.89	2.88	2.88
Motor Gasoline ²	15.16	17.29	17.27	17.18	17.06	17.01	16.97	16.93
Petrochemical Feedstock	1.28	1.39	1.39	1.38	1.36	1.36	1.36	1.35
Residual Fuel	1.39	1.57	1.57	1.56	1.55	1.55	1.55	1.55
Other Petroleum ¹³	4.37	4.85	4.84	4.81	4.74	4.70	4.68	4.65
Petroleum Subtotal	35.26	40.67	40.61	40.34	40.01	39.85	39.75	39.63
Natural Gas ⁶	19.39	21.11	21.12	20.87	20.77	20.73	20.72	20.64
Metallurgical Coal	0.85	0.76	0.76	0.75	0.75	0.74	0.74	0.74
Steam Coal	1.68	1.83	1.81	1.53	1.37	1.32	1.30	1.28
Net Coal Coke Imports	0.00	0.16	0.16	0.16	0.15	0.15	0.14	0.14
Coal Subtotal	2.53	2.75	2.73	2.43	2.26	2.21	2.19	2.16
Renewable Energy ¹⁴	2.44	2.79	2.79	2.79	2.78	2.78	2.78	2.77
Methanol ¹²	0.01	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Liquid Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	10.57	12.38	12.33	12.07	11.83	11.72	11.70	11.63
Delivered Energy	70.19	79.78	79.66	78.59	77.74	77.38	77.22	76.92
Electricity Related Losses	23.57	26.04	25.66	24.73	23.87	23.60	23.60	23.29
Total	93.77	105.82	105.32	103.32	101.61	100.98	100.82	100.22
Electric Generators¹⁵								
Distillate Fuel	0.07	0.08	0.05	0.04	0.04	0.04	0.04	0.04
Residual Fuel	0.67	0.34	0.35	0.32	0.31	0.29	0.27	0.31
Petroleum Subtotal	0.75	0.42	0.40	0.37	0.35	0.33	0.31	0.34
Natural Gas	3.04	5.40	5.73	5.99	6.41	6.68	7.07	7.10
Steam Coal	18.36	20.75	20.02	18.54	17.01	16.11	15.67	15.13
Nuclear Power	7.20	6.95	7.29	7.30	7.30	7.45	7.45	7.45
Renewable Energy ¹⁶	4.40	4.22	4.33	4.39	4.42	4.52	4.58	4.68
Electricity Imports ¹⁷	0.39	0.69	0.22	0.22	0.22	0.22	0.22	0.22
Total	34.14	38.43	37.99	36.80	35.70	35.32	35.30	34.93

Table B2. Energy Consumption by Sector and Source (Continued)
(Quadrillion Btu per Year, Unless Otherwise Noted)

Projections													
2010							2020						
Reference Case	24 Percent Above	14 Percent Above	9 Percent Above	1990 Level	3 Percent Below	7 Percent Below	Reference Case	24 Percent Above	14 Percent Above	9 Percent Above	1990 Level	3 Percent Below	7 Percent Below
6.03	5.91	5.78	5.73	5.57	5.54	5.49	6.38	6.15	5.99	5.93	5.83	5.80	5.77
4.98	4.91	4.75	4.68	4.43	4.32	4.18	5.93	5.78	5.73	5.68	5.54	5.48	5.35
18.03	17.57	16.90	16.55	15.71	15.32	14.71	19.03	18.08	17.75	17.49	16.65	16.22	15.59
1.27	1.26	1.26	1.26	1.25	1.25	1.25	1.56	1.56	1.56	1.56	1.56	1.57	1.57
0.20	0.20	0.19	0.19	0.18	0.17	0.17	0.27	0.26	0.26	0.25	0.24	0.24	0.23
0.34	0.34	0.33	0.33	0.32	0.32	0.32	0.37	0.36	0.36	0.36	0.36	0.37	0.37
30.86	30.19	29.23	28.75	27.46	26.93	26.11	33.54	32.19	31.65	31.27	30.19	29.67	28.88
0.87	0.90	0.91	0.96	0.95	0.96	0.95	0.98	1.05	1.09	1.10	1.10	1.08	1.05
0.25	0.25	0.23	0.23	0.22	0.21	0.21	0.33	0.32	0.31	0.31	0.30	0.29	0.29
0.12	0.12	0.12	0.13	0.12	0.11	0.11	0.17	0.18	0.18	0.18	0.17	0.16	0.16
0.14	0.15	0.14	0.14	0.14	0.13	0.13	0.22	0.22	0.22	0.21	0.21	0.20	0.20
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.10	0.10	0.10	0.10	0.10	0.09	0.09	0.13	0.12	0.12	0.12	0.12	0.12	0.12
32.35	31.70	30.74	30.30	28.98	28.44	27.60	35.37	34.08	33.57	33.19	32.08	31.54	30.69
0.21	0.19	0.18	0.17	0.16	0.16	0.16	0.23	0.20	0.19	0.18	0.18	0.18	0.18
32.55	31.90	30.92	30.47	29.14	28.61	27.76	35.60	34.29	33.76	33.38	32.26	31.71	30.87
8.55	8.38	8.21	8.14	7.92	7.86	7.77	8.91	8.62	8.45	8.39	8.25	8.21	8.14
0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.12	0.11	0.11	0.11	0.11	0.11	0.10
4.98	4.91	4.75	4.68	4.43	4.32	4.18	5.93	5.78	5.73	5.68	5.54	5.48	5.35
3.18	3.13	3.09	3.08	3.03	3.02	3.03	3.36	3.28	3.28	3.27	3.28	3.26	3.21
18.30	17.83	17.16	16.81	15.96	15.58	14.97	19.31	18.36	18.03	17.76	16.93	16.49	15.87
1.48	1.45	1.42	1.41	1.37	1.36	1.35	1.52	1.46	1.45	1.44	1.42	1.42	1.41
1.74	1.74	1.73	1.73	1.71	1.70	1.78	2.03	2.05	2.06	2.18	2.17	2.15	2.13
5.11	4.99	4.92	4.91	4.72	4.61	4.50	5.42	5.42	5.53	5.50	5.36	5.29	5.16
43.46	42.54	41.40	40.88	39.24	38.56	37.68	46.60	45.07	44.64	44.32	43.06	42.41	41.37
22.06	21.64	21.17	20.96	20.26	20.04	19.43	23.01	22.02	21.44	21.09	20.67	20.42	20.23
0.70	0.65	0.61	0.61	0.60	0.60	0.59	0.58	0.44	0.41	0.40	0.39	0.38	0.38
1.89	1.49	1.26	1.19	1.02	0.97	0.92	1.94	1.48	1.43	1.38	1.21	1.11	1.00
0.20	0.22	0.23	0.23	0.22	0.22	0.22	0.27	0.32	0.33	0.33	0.34	0.34	0.34
2.80	2.36	2.10	2.03	1.84	1.79	1.73	2.79	2.25	2.17	2.11	1.93	1.83	1.72
2.98	2.98	2.98	2.98	2.94	2.93	2.92	3.13	3.20	3.21	3.21	3.21	3.22	3.23
0.14	0.15	0.14	0.14	0.14	0.13	0.13	0.22	0.22	0.22	0.21	0.21	0.20	0.20
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13.19	12.61	12.15	11.92	11.41	11.21	10.98	14.47	13.55	13.28	13.09	12.80	12.69	12.51
84.63	82.28	79.94	78.90	75.83	74.66	72.87	90.21	86.30	84.96	84.04	81.87	80.77	79.25
26.55	24.20	21.92	20.67	19.41	19.27	18.79	26.80	22.35	20.65	19.76	19.02	19.17	19.51
111.18	106.48	101.86	99.57	95.23	93.93	91.67	117.02	108.64	105.61	103.79	100.90	99.94	98.76
0.07	0.04	0.03	0.03	0.03	0.07	0.10	0.07	0.04	0.11	0.37	0.61	0.45	0.20
0.29	0.25	0.21	0.21	0.21	0.26	0.28	0.21	0.14	0.11	0.09	0.08	0.08	0.10
0.36	0.29	0.24	0.24	0.24	0.33	0.38	0.28	0.18	0.22	0.47	0.69	0.53	0.30
6.91	7.93	9.48	10.86	12.12	12.45	12.66	9.64	12.49	13.96	14.93	15.17	14.97	14.32
21.35	17.34	12.71	9.65	5.95	4.93	3.71	22.48	13.04	7.86	4.95	1.41	0.76	0.25
6.17	6.68	6.90	6.98	7.36	7.36	7.41	3.80	5.06	5.63	5.90	6.67	6.86	7.41
4.30	4.46	4.63	4.74	5.05	5.30	5.52	4.46	5.10	6.22	6.56	7.84	8.69	9.69
0.66	0.10	0.10	0.10	0.10	0.10	0.10	0.61	0.04	0.04	0.04	0.04	0.04	0.04
39.74	36.81	34.07	32.58	30.82	30.48	29.78	41.27	35.90	33.93	32.85	31.82	31.86	32.02

Table B2. Energy Consumption by Sector and Source (Continued)
(Quadrillion Btu per Year, Unless Otherwise Noted)

Sector and Source	1996	Projections						
		2005						
		Reference Case	24 Percent Above	14 Percent Above	9 Percent Above	1990 Level	3 Percent Below	7 Percent Below
Total Energy Consumption								
Distillate Fuel	7.06	8.22	8.17	8.09	8.01	7.98	7.97	7.94
Kerosene	0.14	0.12	0.12	0.12	0.12	0.12	0.12	0.12
Jet Fuel ⁹	3.27	4.36	4.35	4.33	4.31	4.29	4.27	4.25
Liquefied Petroleum Gas	2.66	2.94	2.94	2.91	2.90	2.89	2.88	2.88
Motor Gasoline ²	15.16	17.29	17.27	17.18	17.06	17.01	16.97	16.93
Petrochemical Feedstock	1.28	1.39	1.39	1.38	1.36	1.36	1.36	1.35
Residual Fuel	2.07	1.92	1.92	1.89	1.86	1.84	1.82	1.86
Other Petroleum ¹³	4.37	4.85	4.84	4.81	4.74	4.70	4.68	4.65
Petroleum Subtotal	36.01	41.09	41.01	40.71	40.36	40.18	40.06	39.97
Natural Gas	22.43	26.51	26.85	26.86	27.18	27.41	27.80	27.74
Metallurgical Coal	0.85	0.76	0.76	0.75	0.75	0.74	0.74	0.74
Steam Coal	20.05	22.58	21.83	20.07	18.38	17.44	16.97	16.41
Net Coal Coke Imports	0.00	0.16	0.16	0.16	0.15	0.15	0.14	0.14
Coal Subtotal	20.90	23.50	22.75	20.97	19.28	18.32	17.86	17.29
Nuclear Power	7.20	6.95	7.29	7.30	7.30	7.45	7.45	7.45
Renewable Energy ¹⁸	6.84	7.01	7.12	7.18	7.20	7.30	7.36	7.45
Methanol ¹²	0.01	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Liquid Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity Imports ¹⁷	0.39	0.69	0.22	0.22	0.22	0.22	0.22	0.22
Total	93.77	105.82	105.32	103.32	101.61	100.98	100.82	100.22
Energy Use and Related Statistics								
Delivered Energy Use	70.19	79.78	79.66	78.59	77.74	77.38	77.22	76.92
Total Energy Use	93.77	105.83	105.34	103.33	101.63	100.99	100.83	100.23
Total Carbon Emissions (million metric tons)	1462.90	1690.92	1674.61	1623.73	1579.45	1555.16	1546.08	1529.60

Table B2. Energy Consumption by Sector and Source (Continued)
(Quadrillion Btu per Year, Unless Otherwise Noted)

Projections													
2010							2020						
Reference Case	24 Percent Above	14 Percent Above	9 Percent Above	1990 Level	3 Percent Below	7 Percent Below	Reference Case	24 Percent Above	14 Percent Above	9 Percent Above	1990 Level	3 Percent Below	7 Percent Below
8.62	8.42	8.24	8.17	7.96	7.94	7.87	8.98	8.65	8.56	8.76	8.86	8.66	8.34
0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.12	0.11	0.11	0.11	0.11	0.11	0.10
4.98	4.91	4.75	4.68	4.43	4.32	4.18	5.93	5.78	5.73	5.68	5.54	5.48	5.35
3.18	3.13	3.09	3.08	3.03	3.02	3.03	3.36	3.28	3.28	3.27	3.28	3.26	3.21
18.30	17.83	17.16	16.81	15.96	15.58	14.97	19.31	18.36	18.03	17.76	16.93	16.49	15.87
1.48	1.45	1.42	1.41	1.37	1.36	1.35	1.52	1.46	1.45	1.44	1.42	1.42	1.41
2.03	1.99	1.94	1.94	1.92	1.96	2.05	2.24	2.19	2.18	2.27	2.25	2.23	2.23
5.11	4.99	4.92	4.91	4.72	4.61	4.50	5.42	5.42	5.53	5.50	5.36	5.29	5.16
43.82	42.83	41.64	41.12	39.49	38.89	38.06	46.88	45.25	44.87	44.78	43.75	42.94	41.67
28.97	29.57	30.65	31.82	32.38	32.49	32.09	32.65	34.50	35.40	36.02	35.84	35.39	34.54
0.70	0.65	0.61	0.61	0.60	0.60	0.59	0.58	0.44	0.41	0.40	0.39	0.38	0.38
23.24	18.83	13.97	10.85	6.98	5.91	4.63	24.42	14.52	9.29	6.33	2.61	1.87	1.26
0.20	0.22	0.23	0.23	0.22	0.22	0.22	0.27	0.32	0.33	0.33	0.34	0.34	0.34
24.14	19.70	14.81	11.68	7.80	6.72	5.44	25.27	15.28	10.02	7.06	3.34	2.59	1.98
6.17	6.68	6.90	6.98	7.36	7.36	7.41	3.80	5.06	5.63	5.90	6.67	6.86	7.41
7.27	7.44	7.61	7.72	7.98	8.23	8.44	7.59	8.29	9.43	9.77	11.05	11.91	12.92
0.14	0.15	0.14	0.14	0.14	0.13	0.13	0.22	0.22	0.22	0.21	0.21	0.20	0.20
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.66	0.10	0.10	0.10	0.10	0.10	0.10	0.61	0.04	0.04	0.04	0.04	0.04	0.04
111.18	106.48	101.86	99.57	95.23	93.93	91.67	117.02	108.64	105.61	103.79	100.90	99.94	98.76
84.63	82.28	79.94	78.90	75.83	74.66	72.87	90.21	86.30	84.96	84.04	81.87	80.77	79.25
111.19	106.49	101.87	99.58	95.25	93.94	91.68	117.01	108.64	105.60	103.79	100.89	99.93	98.75
1790.62	1667.93	1535.00	1461.50	1339.98	1299.97	1243.42	1928.74	1668.05	1536.23	1467.78	1346.70	1303.26	1250.80

¹Includes wood used for residential heating. See Table B18 estimates of nonmarketed renewable energy consumption for geothermal heat pumps & solar thermal hot water heating.

²Includes ethanol (blends of 10 percent or less) and ethers blended into gasoline.

³Includes commercial sector electricity cogenerated by using wood and wood waste, landfill gas, municipal solid waste, and other biomass. See Table B18 for estimates of nonmarketed renewable energy consumption for solar thermal hot water heating.

⁴Fuel consumption includes consumption for cogeneration.

⁵Includes petroleum coke, asphalt, road oil, lubricants, still gas, and miscellaneous petroleum products.

⁶Includes lease and plant fuel.

⁷Includes consumption of energy from hydroelectric, wood & wood waste, municipal solid waste, & other biomass; includes for cogeneration, both sales to the grid & for own use.

⁸Low sulfur diesel fuel.

⁹Includes naphtha and kerosene type.

¹⁰Includes aviation gas and lubricants.

¹¹E85 is 85 percent ethanol (renewable) and 15 percent motor gasoline(nonrenewable).

¹²Only M85 (85 percent methanol and 15 percent motor gasoline).

¹³Includes unfinished oils, natural gasoline, motor gasoline blending compounds, aviation gasoline, lubricants, still gas, asphalt, road oil, petroleum coke, and miscellaneous petroleum products.

¹⁴Includes electricity generated for sale to the grid and for own use from renewable sources, and non-electric energy from renewable sources. Excludes nonmarketed renewable energy consumption for geothermal heat pumps and solar thermal hot water heaters.

¹⁵Includes consumption of energy by all electric power generators for grid-connected power except cogenerators, which produce electricity and other useful thermal energy.

¹⁶Includes conventional hydroelectric, geothermal, wood and wood waste, municipal solid waste, other biomass, E85, wind, photovoltaic and solar thermal sources. Excludes cogeneration. Excludes net electricity imports.

¹⁷In 1996 approximately two-thirds of the U.S. electricity imports were provided by renewable sources (hydroelectricity); EIA does not project future proportions.

¹⁸Includes hydroelectric, geothermal, wood and wood waste, municipal solid waste, other biomass, wind, photovoltaic and solar thermal sources. Includes ethanol components of E85; excludes ethanol blends (10 percent or less) in motor gasoline. Excludes net electricity imports and nonmarketed renewable energy consumption for geothermal heat pumps and solar thermal hot water heaters.

Btu = British thermal unit.

Note: Totals may not equal sum of components due to independent rounding. Figures for 1996 may differ from published data due to internal conversion factors. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 1996 natural gas lease, plant, and pipeline fuel values: Energy Information Administration, *Short-Term Energy Outlook, August 1997*. Online. <http://www.eia.doe.gov/emeu/steo/pub/uptd/aug97/index.html> (August 21, 1997). 1996 electric utility fuel consumption: EIA, *Electric Power Annual 1996, Volume 1, DOE/EIA-0348(96)/1* (Washington, DC, August 1997). 1996 nonutility consumption estimates: EIA Form 867, "Annual Nonutility Power Producer Report." Other 1996 values: EIA, *Short-Term Energy Outlook August 1997*. Online. <http://www.eia.doe.gov/emeu/steo/pub/uptd/aug97/index.html> (August 21, 1997). Projections: EIA, AEO98 National Energy Modeling System runs KYBASE.D080398A, FD24ABV.D080398B, FD1998.D080398B, FD09ABV.D080398B, FD1990.D080398B, FD03BLW.D080398B, and FD07BLW.D080398B.

Table B3. Energy Prices by Sector and Source
(1996 Dollars per Million Btu)

Sector and Source	1996	Projections						
		2005						1990 Level
		Reference Case	24 Percent Above	14 Percent Above	9 Percent Above	3 Percent Below	7 Percent Below	
Residential	12.86	12.18	12.37	13.85	14.92	15.40	15.54	15.84
Primary Energy ¹	6.63	6.26	6.33	7.04	7.52	7.72	7.84	7.99
Petroleum Products ²	8.51	9.18	9.28	10.04	10.51	10.70	10.85	11.01
Distillate Fuel	7.09	7.59	7.68	8.48	9.00	9.20	9.35	9.52
Liquefied Petroleum Gas	11.59	12.11	12.23	12.87	13.22	13.39	13.52	13.66
Natural Gas	6.19	5.63	5.69	6.37	6.85	7.05	7.16	7.31
Electricity	24.42	21.55	21.95	24.60	26.62	27.54	27.70	28.21
Commercial	12.84	11.62	11.84	13.49	14.68	15.21	15.38	15.72
Primary Energy ¹	5.26	4.81	4.88	5.58	6.07	6.27	6.39	6.54
Petroleum Products ²	5.56	5.76	5.86	6.68	7.19	7.38	7.54	7.71
Distillate Fuel	5.27	5.37	5.46	6.27	6.79	6.98	7.14	7.31
Residual Fuel	3.24	3.07	3.20	4.13	4.67	4.89	5.06	5.24
Natural Gas ³	5.28	4.73	4.79	5.46	5.93	6.13	6.24	6.39
Electricity	22.05	19.21	19.62	22.29	24.28	25.19	25.37	25.89
Industrial⁴	5.35	4.96	5.07	5.86	6.37	6.59	6.70	6.85
Primary Energy	3.99	3.75	3.83	4.48	4.88	5.04	5.15	5.28
Petroleum Products ²	5.58	5.21	5.28	5.78	6.09	6.21	6.31	6.41
Distillate Fuel	5.50	5.43	5.53	6.35	6.87	7.05	7.22	7.38
Liquefied Petroleum Gas	7.80	6.70	6.83	7.45	7.80	7.97	8.10	8.24
Residual Fuel	2.99	2.75	2.84	3.77	4.34	4.55	4.72	4.90
Natural Gas ⁵	2.96	2.80	2.88	3.51	3.93	4.12	4.22	4.36
Metallurgical Coal	1.77	1.63	1.76	2.88	3.60	3.86	4.06	4.28
Steam Coal	1.46	1.30	1.42	2.56	3.27	3.54	3.74	3.96
Electricity	13.37	11.57	11.83	13.41	14.61	15.14	15.25	15.56
Transportation	8.77	8.62	8.78	9.53	10.03	10.22	10.37	10.53
Primary Energy	8.76	8.61	8.77	9.52	10.02	10.21	10.36	10.52
Petroleum Products ²	8.76	8.61	8.76	9.52	10.02	10.21	10.37	10.52
Distillate Fuel ⁶	8.90	8.47	8.62	9.41	9.89	10.07	10.23	10.39
Jet Fuel ⁷	5.52	5.37	5.51	6.30	6.79	6.97	7.11	7.26
Motor Gasoline ⁸	9.89	9.92	10.10	10.83	11.35	11.55	11.69	11.85
Residual Fuel	2.55	2.70	2.80	3.72	4.30	4.50	4.68	4.84
Liquid Petroleum Gas ⁹	12.63	12.99	13.10	13.74	14.07	14.24	14.37	14.50
Natural Gas ¹⁰	5.42	5.82	5.88	6.52	6.98	7.17	7.27	7.41
E85 ¹¹	15.85	16.35	16.38	16.60	16.69	16.73	16.75	16.78
M85 ¹²	12.24	12.54	12.60	13.32	13.78	13.96	14.09	14.23
Electricity	15.33	13.44	13.56	13.69	13.93	14.09	14.07	14.06
Average End-Use Energy	8.65	8.21	8.36	9.32	9.97	10.24	10.38	10.56
Primary Energy	8.32	7.92	8.07	8.97	9.57	9.82	9.96	10.13
Electricity	20.00	17.49	17.85	20.11	21.82	22.60	22.76	23.20
Electric Generators¹³								
Fossil Fuel Average	1.54	1.50	1.62	2.66	3.32	3.59	3.77	3.97
Petroleum Products	3.25	3.44	3.38	4.33	4.91	5.15	5.33	5.47
Distillate Fuel	4.91	4.97	5.10	5.93	6.45	6.65	6.81	6.98
Residual Fuel	3.07	3.10	3.15	4.11	4.71	4.95	5.12	5.29
Natural Gas	2.64	2.62	2.69	3.32	3.74	3.99	4.07	4.24
Steam Coal	1.29	1.17	1.28	2.42	3.13	3.39	3.60	3.81

Table B3. Energy Prices by Sector and Source (Continued)
(1996 Dollars per Million Btu)

Projections													
2010							2020						
Reference Case	24 Percent Above	14 Percent Above	9 Percent Above	1990 Level	3 Percent Below	7 Percent Below	Reference Case	24 Percent Above	14 Percent Above	9 Percent Above	1990 Level	3 Percent Below	7 Percent Below
12.24	14.61	16.79	18.11	20.87	21.94	23.29	12.32	16.06	17.31	18.14	19.68	20.34	21.52
6.24	7.32	8.50	9.18	10.79	11.39	12.27	6.42	8.32	9.12	9.61	10.56	11.06	11.91
9.54	10.54	11.47	11.94	13.39	14.07	15.03	9.72	11.19	11.51	11.83	12.79	13.43	14.51
7.78	8.86	9.93	10.47	12.10	12.83	13.85	7.82	9.44	9.87	10.21	11.24	11.90	13.06
12.50	13.29	13.91	14.27	15.34	15.93	16.79	12.49	13.61	13.73	13.99	14.83	15.42	16.39
5.56	6.64	7.86	8.58	10.20	10.78	11.65	5.80	7.76	8.64	9.16	10.10	10.57	11.37
21.36	25.63	29.11	31.29	35.46	37.17	38.98	20.37	26.37	28.01	29.20	31.23	31.94	33.34
11.51	14.16	16.57	17.99	21.05	22.31	23.82	11.10	15.07	16.30	17.16	18.76	19.45	20.69
4.74	5.82	7.02	7.71	9.36	9.99	10.91	4.70	6.60	7.39	7.88	8.86	9.39	10.28
5.99	7.07	8.11	8.64	10.22	10.95	11.98	6.12	7.70	8.07	8.40	9.43	10.12	11.30
5.57	6.65	7.72	8.26	9.87	10.60	11.62	5.66	7.24	7.64	7.98	9.02	9.68	10.85
3.18	4.43	5.62	6.26	8.10	8.90	10.02	3.38	5.23	5.69	6.06	7.21	8.01	9.33
4.61	5.67	6.88	7.60	9.24	9.83	10.72	4.57	6.49	7.35	7.87	8.82	9.30	10.12
18.87	23.21	26.77	28.85	32.94	34.71	36.43	17.67	23.61	25.09	26.21	28.18	28.85	30.13
5.12	6.26	7.32	7.92	9.35	9.95	10.79	5.15	6.92	7.44	7.83	8.69	9.17	9.93
3.96	4.86	5.75	6.26	7.55	8.09	8.90	4.16	5.62	6.09	6.44	7.25	7.73	8.52
5.46	6.05	6.60	6.87	7.79	8.25	8.95	5.58	6.41	6.55	6.75	7.39	7.80	8.49
5.68	6.76	7.83	8.35	9.93	10.66	11.70	5.86	7.40	7.76	8.10	9.14	9.80	10.97
7.01	7.79	8.41	8.76	9.85	10.44	11.37	6.99	8.12	8.18	8.47	9.36	9.95	10.87
2.94	4.17	5.35	5.96	7.73	8.56	9.65	3.16	4.97	5.39	5.74	6.85	7.63	8.91
2.98	3.96	5.06	5.74	7.26	7.81	8.65	3.25	5.06	5.86	6.35	7.24	7.71	8.50
1.58	3.28	4.85	5.69	7.98	8.98	10.36	1.51	4.00	4.60	5.05	6.55	7.56	9.19
1.26	2.96	4.53	5.37	7.65	8.65	10.03	1.18	3.67	4.27	4.72	6.19	7.20	8.83
11.28	13.86	15.96	17.12	19.50	20.51	21.51	10.31	13.83	14.74	15.38	16.52	17.00	17.67
8.75	9.84	10.77	11.22	12.60	13.24	14.19	8.59	10.05	10.36	10.67	11.56	12.17	13.22
8.74	9.83	10.76	11.21	12.59	13.24	14.18	8.57	10.04	10.35	10.66	11.55	12.17	13.22
8.73	9.82	10.75	11.20	12.58	13.23	14.18	8.55	10.02	10.32	10.63	11.52	12.14	13.20
8.49	9.58	10.67	11.18	12.66	13.37	14.39	8.22	9.75	10.10	10.42	11.50	12.18	13.34
5.62	6.69	7.65	8.15	9.61	10.24	11.20	5.76	7.32	7.70	8.01	9.04	9.66	10.73
10.12	11.25	12.14	12.55	13.87	14.50	15.44	10.01	11.46	11.74	12.05	12.88	13.49	14.53
2.90	4.16	5.34	5.96	7.72	8.54	9.66	3.08	4.92	5.36	5.70	6.85	7.63	8.96
13.18	13.95	14.55	14.89	15.93	16.52	17.36	12.76	13.88	14.02	14.27	15.09	15.66	16.61
6.53	7.60	8.74	9.39	10.93	11.49	12.32	7.17	8.95	9.67	10.15	10.99	11.44	12.20
16.73	16.79	16.38	16.39	18.13	18.83	19.61	16.58	16.20	16.27	16.54	17.43	17.92	19.09
12.63	13.54	14.31	14.71	16.01	16.60	17.21	12.69	13.86	14.14	14.42	15.18	15.76	16.74
13.27	13.78	14.08	14.74	15.45	15.80	15.91	12.39	12.77	12.90	13.15	13.38	13.15	13.27
8.31	9.76	11.04	11.73	13.45	14.18	15.17	8.27	10.39	10.98	11.43	12.45	13.02	13.98
8.04	9.38	10.54	11.16	12.75	13.44	14.38	7.98	9.90	10.40	10.80	11.75	12.31	13.24
17.22	20.92	23.94	25.70	29.23	30.68	32.19	16.31	21.44	22.79	23.77	25.49	26.10	27.21
1.55	3.14	4.65	5.49	7.38	8.04	8.96	1.68	4.22	5.20	5.90	7.17	7.70	8.52
3.67	4.87	6.09	6.71	8.52	9.34	10.48	4.03	5.94	6.71	7.36	8.50	9.16	10.28
5.21	6.35	7.47	8.03	9.55	10.14	11.14	5.36	6.99	7.21	7.52	8.55	9.21	10.38
3.29	4.63	5.88	6.52	8.35	9.11	10.24	3.56	5.67	6.24	6.72	8.06	8.84	10.06
2.82	3.81	4.99	5.70	7.28	7.80	8.63	3.20	4.97	5.81	6.31	7.21	7.68	8.48
1.11	2.81	4.37	5.23	7.53	8.55	9.95	1.00	3.48	4.07	4.52	6.04	7.10	8.80

Table B3. Energy Prices by Sector and Source (Continued)
(1996 Dollars per Million Btu)

Sector and Source	1996	Projections						
		2005						
		Reference Case	24 Percent Above	14 Percent Above	9 Percent Above	1990 Level	3 Percent Below	7 Percent Below
Average Price to All Users¹⁴								
Petroleum Products ²	7.83	7.76	7.90	8.60	9.06	9.23	9.37	9.51
Distillate Fuel	7.84	7.71	7.86	8.66	9.15	9.33	9.49	9.66
Jet Fuel	5.52	5.37	5.51	6.30	6.79	6.97	7.11	7.26
Liquefied Petroleum Gas	8.53	7.89	8.01	8.64	8.98	9.16	9.28	9.42
Motor Gasoline ⁸	9.89	9.91	10.08	10.82	11.33	11.53	11.68	11.83
Residual Fuel	2.84	2.81	2.89	3.82	4.39	4.61	4.78	4.95
Natural Gas	4.14	3.72	3.77	4.39	4.79	4.99	5.07	5.21
Coal	1.32	1.18	1.30	2.43	3.14	3.40	3.61	3.82
E85 ¹¹	15.85	16.35	16.38	16.60	16.69	16.73	16.75	16.78
M85 ¹²	12.24	12.54	12.60	13.32	13.78	13.96	14.09	14.23
Electricity	20.00	17.49	17.85	20.11	21.82	22.60	22.76	23.20
Non-Renewable Energy Expenditures by Sector (billion 1996 dollars)								
Residential	135.23	136.41	138.12	150.47	158.96	162.96	163.94	166.15
Commercial	95.84	96.20	97.75	108.14	114.83	117.71	118.67	120.32
Industrial	111.91	112.58	114.87	131.62	142.18	146.51	148.83	151.70
Transportation	210.43	248.75	253.09	273.77	286.57	291.12	294.81	298.41
Total Non-Renewable Expenditures	553.41	593.94	603.84	664.00	702.54	718.30	726.25	736.59
Transportation Renewable Expenditures	0.08	1.13	1.13	1.17	1.19	1.20	1.21	1.22
Total Expenditures	553.49	595.07	604.97	665.17	703.74	719.51	727.46	737.81

Table B3. Energy Prices by Sector and Source (Continued)
(1996 Dollars per Million Btu)

Projections													
2010							2020						
Reference Case	24 Percent Above	14 Percent Above	9 Percent Above	1990 Level	3 Percent Below	7 Percent Below	Reference Case	24 Percent Above	14 Percent Above	9 Percent Above	1990 Level	3 Percent Below	7 Percent Below
7.94	8.91	9.74	10.14	11.39	11.98	12.83	7.88	9.18	9.43	9.69	10.49	11.06	12.02
7.81	8.91	9.99	10.50	12.01	12.71	13.72	7.67	9.21	9.54	9.79	10.78	11.49	12.73
5.62	6.69	7.65	8.15	9.61	10.24	11.20	5.76	7.32	7.70	8.01	9.04	9.66	10.73
8.29	9.05	9.67	10.00	11.07	11.64	12.52	8.32	9.44	9.52	9.80	10.62	11.19	12.11
10.11	11.23	12.12	12.53	13.86	14.49	15.43	10.00	11.45	11.73	12.04	12.86	13.48	14.51
2.98	4.24	5.42	6.04	7.81	8.64	9.76	3.15	4.99	5.43	5.77	6.91	7.70	9.02
3.76	4.71	5.80	6.45	7.96	8.49	9.31	3.96	5.69	6.48	6.95	7.84	8.30	9.09
1.12	2.82	4.39	5.24	7.56	8.57	9.97	1.01	3.50	4.10	4.57	6.12	7.18	8.84
16.73	16.79	16.38	16.39	18.13	18.83	19.61	16.58	16.20	16.27	16.54	17.43	17.92	19.09
12.63	13.54	14.31	14.71	16.01	16.60	17.21	12.69	13.86	14.14	14.42	15.18	15.76	16.74
17.22	20.92	23.94	25.70	29.23	30.68	32.19	16.31	21.44	22.79	23.77	25.49	26.10	27.21
142.47	162.27	178.46	187.98	206.89	213.60	221.60	154.21	186.09	194.97	200.87	211.16	215.46	223.12
100.04	116.91	129.55	136.02	147.66	151.70	155.24	101.88	126.71	132.32	136.19	142.68	144.77	148.56
121.43	145.88	168.16	181.59	209.59	222.20	238.74	125.47	164.58	176.32	184.55	203.62	214.30	231.62
273.12	301.43	320.24	328.53	353.51	364.91	379.60	292.00	329.71	334.53	340.63	357.11	370.26	392.18
637.05	726.49	796.40	834.12	917.65	952.41	995.18	673.57	807.09	838.14	862.23	914.57	944.78	995.49
1.97	2.01	2.04	2.07	2.12	2.15	2.18	2.81	2.86	2.91	2.93	2.92	2.94	3.02
639.03	728.51	798.44	836.18	919.77	954.56	997.35	676.38	809.95	841.05	865.16	917.49	947.72	998.51

¹Weighted average price includes fuels below as well as coal.

²This quantity is the weighted average for all petroleum products, not just those listed below.

³Excludes independent power producers.

⁴Includes cogenerators.

⁵Excludes uses for lease and plant fuel.

⁶Low sulfur diesel fuel. Price includes Federal and State taxes while excluding county and local taxes.

⁷Kerosene-type jet fuel. Price includes Federal and State taxes while excluding county and local taxes.

⁸Sales weighted-average price for all grades. Includes Federal and State taxes and excludes county and local taxes.

⁹Includes Federal and State taxes while excluding county and local taxes.

¹⁰Compressed natural gas used as a vehicle fuel. Price includes estimated motor vehicle fuel taxes.

¹¹E85 is 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable).

¹²Only M85 (85 percent methanol and 15 percent motor gasoline).

¹³Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy.

¹⁴Weighted averages of end-use fuel prices are derived from the prices shown in each sector and the corresponding sectoral consumption.

Btu = British thermal unit.

Note: 1996 figures may differ from published data due to internal rounding.

Sources: 1996 prices for gasoline, distillate, and jet fuel are based on prices in various issues of Energy Information Administration (EIA), *Petroleum Marketing Monthly*, DOE/EIA-0380(96/13-97/4) (Washington, DC, 1996-97). 1996 prices for all other petroleum products are derived from the EIA, *State Energy Price and Expenditure Report 1994*, DOE/EIA-0376(94) (Washington, DC, June 1997). 1996 industrial gas delivered prices are based on EIA, *Manufacturing Energy Consumption Survey 1991*. 1996 residential and commercial natural gas delivered prices: EIA, *Natural Gas Monthly*, DOE/EIA-0130(97/6) (Washington, DC, June 1997). Other 1996 natural gas delivered prices: EIA, AEO98 National Energy Modeling System runs KYBASE.D080398A, FD24ABV.D080398B, FD1998.D080398B, FD09ABV.D080398B, FD1990.D080398B, FD03BLW.D080398B, and FD07BLW.D080398B. Values for 1996 coal prices have been estimated from EIA, *State Energy Price and Expenditure Report 1994*, DOE/EIA-0376(94) (Washington, DC, June 1997) by use of consumption quantities aggregated from EIA, *State Energy Data Report 1994*. Online. <ftp://ftp.eia.doe.gov/pub/state.data/021494.pdf> (August 26, 1997) and the *Coal Industry Annual 1996*, DOE/EIA-0584(96) (Washington, DC, November 1997). 1996 electricity prices for commercial, industrial, and transportation: EIA, AEO98 National Energy Modeling System runs KYBASE.D080398A, FD24ABV.D080398B, FD1998.D080398B, FD09ABV.D080398B, FD1990.D080398B, FD03BLW.D080398B, and FD07BLW.D080398B. **Projections:** EIA, AEO98 National Energy Modeling System runs KYBASE.D080398A, FD24ABV.D080398B, FD1998.D080398B, FD09ABV.D080398B, FD1990.D080398B, FD03BLW.D080398B, and FD07BLW.D080398B.