

Table 1. Total Energy Supply and Disposition Summary (Quadrillion Btu per Year, Unless Otherwise Noted)																									1996	
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Production																										
Crude Oil & Lease Condensate	13.71	13.57	13.54	13.42	13.28	13.13	13.01	12.93	12.87	12.79	12.72	12.64	12.54	12.42	12.31	12.17	12.03	11.91	11.72	11.53	11.35	11.17	11.00	10.83	10.66	-1.0%
Natural Gas Plant Liquids	2.46	2.50	2.37	2.37	2.37	2.37	2.44	2.47	2.55	2.72	2.83	2.99	3.09	3.16	3.25	3.30	3.36	3.44	3.51	3.59	3.60	3.65	3.72	3.75	3.79	1.8%
Dry Natural Gas	19.55	18.89	19.34	20.70	20.60	20.56	21.11	21.43	22.11	23.51	24.37	25.68	26.46	27.11	27.84	28.22	28.71	29.32	29.85	30.49	30.62	30.79	31.37	31.59	31.87	2.1%
Coal	22.64	23.12	23.92	24.37	24.36	24.59	24.73	24.79	24.81	20.03	17.86	15.69	14.11	12.79	12.03	12.03	10.98	10.12	9.48	8.87	8.14	7.49	7.01	6.56	6.19	-5.3%
Nuclear Power	7.20	6.88	7.00	7.25	7.30	7.35	7.41	7.46	7.46	7.40	7.44	7.43	7.37	7.35	7.30	7.24	7.21	7.14	7.11	7.02	6.93	6.71	6.63	6.62	6.67	-0.3%
Renewable Energy 1/	6.83	6.92	6.64	6.73	6.82	6.88	6.99	7.08	7.16	7.35	7.46	7.67	7.89	8.02	8.22	8.52	8.86	9.15	9.51	9.82	10.29	10.76	11.16	11.61	12.07	2.4%
Other 2/	1.33	0.99	1.14	0.58	0.60	0.64	0.63	0.64	0.65	0.65	0.67	0.68	0.71	0.70	0.59	0.69	0.72	0.73	0.72	0.74	0.78	0.78	0.85	0.86	0.91	-1.6%
Total	73.73	72.88	73.95	75.42	75.32	75.51	76.32	76.79	77.61	74.45	73.35	72.79	72.17	71.56	71.53	72.16	71.88	71.81	71.88	72.07	71.71	71.36	71.74	71.82	72.15	-0.1%
Imports																										
Crude Oil 3/	16.30	17.17	17.46	19.30	19.52	20.31	21.15	21.59	21.98	22.06	22.17	22.20	22.28	22.19	22.61	22.99	23.11	23.35	23.57	23.77	24.09	24.39	24.64	25.03	25.43	1.9%
Petroleum Products 4/	3.98	4.21	4.41	4.23	4.76	5.05	5.06	5.27	5.58	5.08	5.12	4.77	4.88	5.18	5.47	5.84	6.13	6.45	6.84	7.12	7.63	8.48	8.47	8.77	8.73	3.3%
Natural Gas	2.93	3.25	3.44	3.91	4.18	4.67	4.75	4.89	5.03	5.45	5.60	5.74	5.92	6.04	6.10	6.14	6.24	6.33	6.40	6.55	6.61	6.62	6.67	6.69	6.72	3.5%
Other Imports 5/	0.57	0.63	0.62	0.56	1.12	1.16	1.18	1.25	1.25	0.54	0.46	0.46	0.47	0.49	0.49	0.52	0.52	0.52	0.52	0.52	0.53	0.55	0.56	0.57	0.59	0.1%
Total	23.78	25.26	25.92	28.00	29.58	31.19	32.14	33.00	33.84	33.13	33.35	33.18	33.54	33.90	34.68	35.48	36.00	36.65	37.34	37.96	38.87	40.04	40.34	41.07	41.47	2.3%
Exports																										
Petroleum 6/	2.04	1.98	1.94	1.96	1.98	2.07	2.08	2.12	2.16	2.14	2.16	2.04	1.97	1.96	1.98	1.95	1.79	1.85	1.74	1.77	1.73	1.77	1.73	1.74	1.71	-0.7%
Natural Gas	0.16	0.15	0.16	0.16	0.16	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	-0.6%
Coal	2.37	2.24	2.25	2.26	2.27	2.29	2.30	2.29	2.28	2.27	2.26	2.27	2.27	2.28	2.28	2.27	2.27	2.29	2.30	2.31	2.32	2.33	2.35	2.36	2.37	0.0%
Total	4.57	4.37	4.35	4.38	4.41	4.50	4.53	4.55	4.58	4.55	4.57	4.45	4.37	4.38	4.39	4.35	4.20	4.27	4.17	4.22	4.18	4.24	4.21	4.23	4.22	-0.3%
Discrepancy 7/	0.82	0.34	0.89	-0.03	-0.04	-0.05	-0.10	-0.10	-0.08	-0.08	0.07	-0.19	-0.07	0.07	-0.04	-0.25	-0.09	-0.02	-0.04	-0.14	0.03	0.02	-0.02	-0.09	-0.12	N/A
Consumption																										
Petroleum Products 8/	36.01	36.75	36.95	38.01	38.61	39.43	40.16	40.73	41.41	41.06	41.25	41.13	41.39	41.65	42.18	42.84	43.46	43.99	44.58	44.85	45.73	46.66	46.87	47.37	47.59	1.2%
Natural Gas	22.43	22.04	23.35	24.33	24.50	24.98	25.61	26.07	26.89	28.70	29.68	31.14	32.11	32.84	33.60	34.03	34.61	35.30	35.91	36.73	36.88	37.06	37.69	37.93	38.25	2.2%
Coal	20.90	21.16	22.11	22.41	22.39	22.63	22.76	22.82	22.86	18.12	16.10	13.68	12.26	11.02	10.21	10.12	9.17	8.32	7.64	6.98	6.33	5.69	5.21	4.73	4.38	-6.3%
Nuclear Power	7.20	6.88	7.00	7.25	7.30	7.35	7.41	7.46	7.46	7.40	7.44	7.43	7.37	7.35	7.30	7.24	7.21	7.14	7.11	7.02	6.93	6.71	6.63	6.62	6.67	-0.3%
Renewable Energy 1/	6.84	6.93	6.65	6.74	6.82	6.89	7.00	7.09	7.18	7.37	7.48	7.69	7.92	8.05	8.25	8.54	8.89	9.18	9.54	9.86	10.32	10.80	11.20	11.65	12.11	2.4%
Other 9/	0.39	0.36	0.34	0.27	0.83	0.87	0.89	0.98	0.99	0.31	0.23	0.24	0.23	0.25	0.25	0.26	0.25	0.24	0.23	0.23	0.24	0.25	0.26	0.26	0.27	-1.6%
Total	93.77	94.11	96.41	99.01	100.4	102.1	103.8	105.1	106.7	102.9	102.1	101.3	101.2	101.1	101.7	103.0	103.5	104.1	105.0	105.6	106.4	107.1	107.8	108.5	109.2	0.6%
Net Imports - Petroleum	18.25	19.41	19.92	21.57	22.30	23.29	24.13	24.75	25.40	25.01	25.13	24.93	25.20	25.42	26.11	26.88	27.45	27.95	28.68	29.11	30.00	31.10	31.38	32.06	32.45	2.4%
Prices (1996 dollars per unit)																										
World Oil Price (\$ per bbl) 10/	20.48	18.16	17.98	18.53	19.12	19.43	19.63	19.97	20.21	20.22	20.09	19.94	19.74	19.51	19.31	19.44	19.51	19.66	19.76	19.89	19.94	20.05	20.20	20.36	20.55	0.0%
Gas Wellhead Price (\$ / Mcf) 11/	2.24	2.25	2.10	2.14	2.15	2.14	2.16	2.17	2.23	2.34	2.46	2.62	2.79	2.95	3.14	3.34	3.49	3.62	3.73	3.88	3.96	4.03	4.12	4.20	4.30	2.8%
Coal Minemouth Price (\$ / ton)	18.50	18.21	17.46	17.21	16.81	16.14	15.87	15.59	15.43	16.17	16.39	16.72	16.75	16.87	16.91	16.85	17.11	17.23	17.12	17.31	17.41	17.59	17.67	17.83	17.88	-0.1%
Aver. Electricity (cents / Kwh)	6.8	6.7	6.5	6.4	6.3	6.3	6.3	6.2	6.2	8.1	8.7	9.3	9.7	9.8	9.9	9.6	9.7	9.7	9.6	9.4	9.3	9.3	9.3	9.4	9.4	1.3%

Table 1. Total Energy Supply and Disposition Summary Notes

1/ Includes 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 18 for selected nonmarketed residential and commercial renewable energy.

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

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

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

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

6/ Includes crude oil and petroleum products.

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

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

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

10/ Average refiner acquisition cost for imported crude oil.

11/ Represents lower 48 onshore and offshore supplies.

Btu = British thermal unit.

Mcf = Thousand cubic feet.

N/A = Not applicable.

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.

Sources: 1996 natural gas values: Energy Information Administration (EIA), Natural Gas Monthly, DOE/EIA-0130(97/06) (Washington, DC, June 1997). 1996 coal minemouth 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 run HMAC09.D080598A.

Table 2. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted)																									1996-2020	
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Energy Consumption																										
Residential																										
Distillate Fuel	0.89	0.88	0.88	0.86	0.84	0.83	0.81	0.80	0.79	0.73	0.71	0.68	0.66	0.65	0.64	0.63	0.62	0.61	0.60	0.60	0.59	0.59	0.58	0.57	0.56	-1.9%
Kerosene	0.08	0.09	0.07	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	-1.4%
Liquefied Petroleum Gas	0.42	0.42	0.42	0.43	0.43	0.44	0.44	0.44	0.44	0.43	0.43	0.43	0.43	0.43	0.44	0.44	0.44	0.45	0.45	0.45	0.45	0.46	0.46	0.46	0.46	0.3%
Petroleum Subtotal	1.40	1.39	1.38	1.36	1.35	1.34	1.33	1.31	1.31	1.23	1.21	1.18	1.16	1.14	1.13	1.13	1.12	1.11	1.11	1.11	1.10	1.09	1.09	1.08	1.08	-1.1%
Natural Gas	5.39	5.06	5.26	5.39	5.46	5.47	5.53	5.56	5.63	5.29	5.19	5.11	5.07	5.02	5.00	5.02	5.03	5.01	5.05	5.07	5.09	5.09	5.10	5.09	5.11	-0.2%
Coal	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	-1.7%
Renewable Energy 1/ Electricity	0.61	0.60	0.62	0.61	0.61	0.61	0.61	0.61	0.61	0.62	0.62	0.62	0.63	0.63	0.63	0.64	0.64	0.64	0.65	0.65	0.65	0.66	0.66	0.66	0.66	0.3%
Delivered Energy	11.13	10.72	11.11	11.31	11.51	11.63	11.74	11.83	11.98	11.34	11.21	11.08	11.04	11.01	11.02	11.13	11.19	11.22	11.34	11.44	11.56	11.60	11.67	11.72	11.81	0.2%
Electricity Related Losses	8.21	7.87	8.31	8.51	8.75	8.93	9.00	9.07	9.14	8.30	8.05	7.79	7.57	7.39	7.27	7.23	7.17	7.11	7.11	7.12	7.16	7.15	7.21	7.27	7.36	-0.5%
Total	19.34	18.59	19.42	19.82	20.26	20.56	20.74	20.90	21.12	19.64	19.26	18.87	18.61	18.40	18.29	18.36	18.36	18.33	18.45	18.56	18.72	18.76	18.88	18.99	19.17	-0.0%
Commercial																										
Distillate Fuel	0.44	0.44	0.41	0.41	0.41	0.40	0.40	0.40	0.40	0.36	0.34	0.33	0.32	0.32	0.31	0.32	0.31	0.31	0.31	0.31	0.31	0.31	0.30	0.30	0.30	-1.6%
Residual Fuel	0.15	0.15	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	-1.0%
Kerosene	0.03	0.03	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	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	-0.2%
Liquefied Petroleum Gas	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.8%
Motor Gasoline 2/ Petroleum Subtotal	0.71	0.72	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.61	0.59	0.58	0.57	0.57	0.57	0.57	0.56	0.56	0.56	0.56	0.56	0.57	0.56	0.56	0.55	-1.1%
Natural Gas	3.30	3.27	3.41	3.45	3.49	3.52	3.57	3.60	3.65	3.40	3.31	3.21	3.16	3.14	3.11	3.14	3.10	3.08	3.11	3.15	3.16	3.17	3.17	3.15	3.14	-0.2%
Coal	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	-0.5%
Renewable Energy 3/ Electricity	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.2%
Delivered Energy	7.47	7.48	7.66	7.79	7.90	7.98	8.09	8.18	8.30	7.77	7.63	7.48	7.38	7.37	7.37	7.47	7.46	7.48	7.58	7.67	7.74	7.78	7.80	7.80	7.79	0.2%
Electricity Related Losses	7.52	7.43	7.67	7.86	7.94	7.99	8.05	8.12	8.16	7.34	7.07	6.78	6.51	6.36	6.23	6.20	6.11	6.06	6.06	6.05	6.04	6.02	6.02	6.01	6.01	-0.9%
Total	14.98	14.91	15.33	15.65	15.83	15.97	16.14	16.30	16.46	15.11	14.70	14.25	13.89	13.73	13.60	13.67	13.56	13.54	13.63	13.72	13.78	13.80	13.82	13.81	13.80	-0.3%

Table 2. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Industrial 4/																										
Distillate Fuel	1.17	1.18	1.17	1.20	1.22	1.25	1.29	1.32	1.36	1.38	1.40	1.43	1.46	1.49	1.53	1.57	1.60	1.64	1.65	1.66	1.68	1.70	1.72	1.73	1.74	1.7%
Liquefied Petroleum Gas	2.12	2.14	2.13	2.14	2.18	2.23	2.27	2.30	2.35	2.35	2.38	2.42	2.48	2.52	2.57	2.64	2.69	2.73	2.75	2.77	2.80	2.85	2.88	2.91	2.94	1.4%
Petrochemical Feedstocks	1.28	1.29	1.28	1.30	1.32	1.35	1.38	1.40	1.43	1.42	1.43	1.45	1.48	1.49	1.52	1.56	1.58	1.60	1.61	1.62	1.63	1.64	1.65	1.67	1.68	1.1%
Residual Fuel	0.34	0.35	0.34	0.33	0.33	0.36	0.36	0.36	0.34	0.36	0.36	0.35	0.36	0.37	0.39	0.40	0.51	0.51	0.52	0.53	0.53	0.55	0.56	0.56	0.56	2.0%
Motor Gasoline 2/	0.19	0.19	0.19	0.20	0.20	0.21	0.22	0.22	0.23	0.23	0.23	0.24	0.24	0.24	0.25	0.25	0.26	0.26	0.26	0.26	0.27	0.27	0.27	0.28	0.28	1.6%
Other Petroleum 5/	4.12	4.17	4.17	4.33	4.39	4.46	4.55	4.57	4.63	4.54	4.64	4.61	4.63	4.72	4.84	4.93	5.03	5.18	5.25	5.23	5.38	5.45	5.45	5.47	5.46	1.2%
Petroleum Subtotal	9.23	9.31	9.29	9.49	9.64	9.86	10.07	10.18	10.33	10.27	10.46	10.48	10.65	10.84	11.10	11.35	11.67	11.92	12.04	12.07	12.29	12.46	12.53	12.61	12.66	1.3%
Natural Gas 6/	9.96	10.21	10.51	10.84	10.87	10.91	11.01	11.05	11.21	11.50	11.57	11.75	11.97	11.99	12.13	12.24	12.18	12.21	12.25	12.32	12.21	12.23	12.31	12.44	12.51	1.0%
Metallurgical Coal	0.85	0.86	0.86	0.85	0.83	0.82	0.80	0.78	0.77	0.74	0.71	0.68	0.65	0.63	0.60	0.57	0.55	0.52	0.50	0.48	0.46	0.44	0.42	0.40	0.38	-3.2%
Steam Coal	1.55	1.51	1.54	1.57	1.58	1.62	1.67	1.70	1.74	1.21	1.12	1.05	1.03	1.04	1.05	1.10	1.10	1.11	1.14	1.17	1.20	1.22	1.23	1.23	1.24	-0.9%
Net Coal Coke Imports	0.00	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.17	0.19	0.21	0.24	0.26	0.28	0.31	0.33	0.35	0.36	0.37	0.38	0.40	0.41	0.42	0.43	N/A
Coal Subtotal	2.40	2.47	2.51	2.54	2.54	2.58	2.63	2.66	2.69	2.12	2.03	1.94	1.92	1.92	1.93	1.98	1.98	1.98	2.00	2.02	2.04	2.06	2.06	2.06	2.06	-0.6%
Renewable Energy 7/	1.82	1.89	1.93	1.97	2.00	2.04	2.08	2.11	2.16	2.17	2.20	2.24	2.29	2.32	2.38	2.44	2.49	2.53	2.55	2.58	2.60	2.62	2.64	2.66	2.69	1.6%
Electricity	3.46	3.54	3.58	3.70	3.75	3.86	3.96	4.05	4.16	4.02	4.03	4.02	4.08	4.11	4.19	4.31	4.38	4.44	4.47	4.49	4.53	4.57	4.60	4.65	4.69	1.3%
Delivered Energy	26.87	27.41	27.82	28.54	28.80	29.25	29.75	30.05	30.54	30.09	30.28	30.43	30.92	31.18	31.73	32.31	32.69	33.07	33.31	33.48	33.68	33.94	34.14	34.42	34.61	1.1%
Electricity Related Losses	7.72	7.71	7.82	8.09	8.14	8.30	8.46	8.56	8.67	8.04	7.81	7.57	7.45	7.28	7.22	7.25	7.20	7.13	7.07	6.98	6.94	6.93	6.93	6.98	7.02	-0.4%
Total	34.59	35.12	35.64	36.63	36.94	37.55	38.21	38.60	39.21	38.13	38.09	38.00	38.36	38.45	38.96	39.56	39.89	40.20	40.38	40.46	40.62	40.87	41.08	41.40	41.63	0.8%
Transportation																										
Distillate Fuel 8/	4.48	4.82	4.95	5.07	5.19	5.33	5.45	5.55	5.66	5.64	5.68	5.72	5.81	5.85	5.94	6.07	6.14	6.20	6.24	6.27	6.29	6.31	6.34	6.36	6.40	1.5%
Jet Fuel 9/	3.27	3.33	3.37	3.74	3.84	3.95	4.08	4.20	4.36	4.39	4.44	4.48	4.60	4.70	4.82	5.00	5.14	5.25	5.41	5.53	5.68	5.81	5.92	6.01	6.12	2.6%
Motor Gasoline 2/	14.94	15.18	15.47	15.77	16.02	16.31	16.61	16.86	17.10	17.00	16.88	16.73	16.61	16.52	16.54	16.63	16.65	16.68	16.84	16.97	17.12	17.30	17.41	17.53	17.62	0.7%
Residual Fuel	0.90	0.86	0.88	0.91	0.94	0.97	1.01	1.04	1.08	1.11	1.15	1.18	1.22	1.26	1.30	1.34	1.38	1.42	1.45	1.48	1.52	1.55	1.58	1.62	1.65	2.6%
Liquefied Petroleum Gas	0.04	0.04	0.04	0.05	0.06	0.07	0.08	0.10	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.23	0.24	0.24	0.25	0.26	0.26	0.27	8.7%
Other Petroleum 10/	0.29	0.29	0.30	0.31	0.31	0.31	0.32	0.32	0.33	0.33	0.33	0.33	0.33	0.34	0.35	0.36	0.36	0.37	0.38	0.38	0.39	0.39	0.39	0.40	0.40	1.4%
Petroleum Subtotal	23.92	24.51	25.01	25.84	26.36	26.94	27.55	28.08	28.65	28.61	28.63	28.60	28.75	28.85	29.15	29.60	29.88	30.15	30.54	30.88	31.23	31.62	31.91	32.18	32.46	1.3%
Pipeline Fuel Natural Gas	0.73	0.76	0.77	0.81	0.77	0.78	0.78	0.79	0.81	0.87	0.88	0.92	0.94	0.98	1.00	1.02	1.04	1.08	1.10	1.12	1.14	1.15	1.16	1.16	1.17	2.0%
Compressed Natural Gas	0.01	0.02	0.02	0.04	0.06	0.08	0.11	0.14	0.16	0.18	0.19	0.20	0.21	0.23	0.24	0.25	0.26	0.27	0.28	0.29	0.30	0.31	0.32	0.32	0.33	14.6%
Renewables (E85) 11/	0.01	0.01	0.01	0.01	0.02	0.03	0.04	0.05	0.06	0.08	0.09	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.16	0.16	0.17	0.17	0.18	0.19	0.19	16.2%
Methanol 12/	0.01	0.01	0.01	0.02	0.02	0.03	0.05	0.06	0.07	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.22	0.23	16.4%
Liquid Hydrogen	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	81.1%
Electricity	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	3.1%
Delivered Energy	24.73	25.36	25.88	26.77	27.29	27.93	28.60	29.18	29.83	29.90	29.98	30.03	30.24	30.41	30.76	31.27	31.60	31.92	32.37	32.76	33.14	33.57	33.89	34.19	34.50	1.4%
Electricity Related Losses	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.15	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.18	1.4%
Total	24.86	25.49	26.02	26.91	27.43	28.07	28.74	29.34	29.99	30.07	30.15	30.20	30.40	30.58	30.93	31.44	31.77	32.10	32.54	32.93	33.32	33.74	34.07	34.37	34.68	1.4%

Table 2. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted)																									1996-2020	
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Deliver. Energy Cons. All Sectors																										
Distillate Fuel	6.98	7.32	7.42	7.54	7.66	7.82	7.96	8.07	8.21	8.11	8.14	8.16	8.26	8.30	8.42	8.58	8.67	8.75	8.80	8.83	8.87	8.91	8.94	8.96	9.01	1.1%
Kerosene	0.14	0.15	0.12	0.13	0.13	0.13	0.13	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	-1.0%
Jet Fuel 9/	3.27	3.33	3.37	3.74	3.84	3.95	4.08	4.20	4.36	4.39	4.44	4.48	4.60	4.70	4.82	5.00	5.14	5.25	5.41	5.53	5.68	5.81	5.92	6.01	6.12	2.6%
Liquefied Petroleum Gas	2.66	2.67	2.67	2.69	2.75	2.81	2.87	2.92	2.99	3.00	3.05	3.10	3.17	3.22	3.29	3.37	3.44	3.49	3.52	3.55	3.59	3.64	3.68	3.72	3.76	1.5%
Motor Gasoline 2/	15.16	15.40	15.69	15.99	16.25	16.55	16.85	17.11	17.36	17.26	17.14	16.99	16.87	16.79	16.82	16.91	16.93	16.97	17.13	17.27	17.41	17.60	17.71	17.83	17.92	0.7%
Petrochemical Feedstocks	1.28	1.29	1.28	1.30	1.32	1.35	1.38	1.40	1.43	1.42	1.43	1.45	1.48	1.49	1.52	1.56	1.58	1.60	1.61	1.62	1.63	1.64	1.65	1.67	1.68	1.1%
Residual Fuel	1.39	1.36	1.34	1.36	1.39	1.45	1.49	1.52	1.54	1.59	1.62	1.65	1.70	1.75	1.80	1.86	2.01	2.05	2.09	2.13	2.17	2.22	2.26	2.29	2.33	2.2%
Other Petroleum 13/	4.37	4.43	4.44	4.61	4.67	4.74	4.84	4.86	4.93	4.84	4.95	4.91	4.94	5.03	5.16	5.26	5.37	5.52	5.60	5.59	5.74	5.81	5.82	5.83	5.83	1.2%
Petroleum Subtotal	35.26	35.93	36.32	37.35	38.01	38.80	39.60	40.22	40.93	40.72	40.89	40.84	41.13	41.40	41.95	42.65	43.24	43.73	44.26	44.62	45.19	45.75	46.09	46.44	46.76	1.2%
Natural Gas 6/	19.39	19.32	19.98	20.53	20.64	20.76	20.99	21.14	21.45	21.24	21.14	21.19	21.36	21.35	21.47	21.67	21.61	21.65	21.79	21.95	21.89	21.94	22.05	22.16	22.26	0.6%
Metallurgical Coal	0.85	0.86	0.86	0.85	0.83	0.82	0.80	0.78	0.77	0.74	0.71	0.68	0.65	0.63	0.60	0.57	0.55	0.52	0.50	0.48	0.46	0.44	0.42	0.40	0.38	-3.2%
Steam Coal	1.68	1.65	1.68	1.71	1.72	1.77	1.81	1.85	1.89	1.34	1.24	1.17	1.15	1.15	1.16	1.21	1.21	1.22	1.25	1.28	1.31	1.33	1.34	1.34	1.35	-0.9%
Net Coal Coke Imports	0.00	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.17	0.19	0.21	0.24	0.26	0.28	0.31	0.33	0.35	0.36	0.37	0.38	0.40	0.41	0.42	0.43	N/A
Coal Subtotal	2.53	2.61	2.65	2.68	2.68	2.73	2.78	2.80	2.84	2.25	2.15	2.06	2.04	2.03	2.04	2.09	2.09	2.09	2.11	2.13	2.15	2.17	2.17	2.16	2.17	-0.6%
Renewable Energy 14/	2.44	2.50	2.56	2.59	2.64	2.68	2.74	2.78	2.83	2.87	2.92	2.97	3.04	3.08	3.15	3.22	3.28	3.32	3.36	3.39	3.42	3.45	3.48	3.52	3.54	1.6%
Methanol 12/	0.01	0.01	0.01	0.02	0.02	0.03	0.05	0.06	0.07	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.22	0.23	16.4%
Liquid Hydrogen	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	81.1%
Electricity	10.57	10.61	10.95	11.25	11.51	11.80	12.03	12.24	12.52	11.94	11.91	11.85	11.89	11.97	12.13	12.39	12.56	12.73	12.90	13.07	13.26	13.37	13.51	13.64	13.75	1.1%
Delivered Energy	70.19	70.97	72.48	74.42	75.50	76.79	78.18	79.25	80.65	79.10	79.10	79.02	79.58	79.96	80.89	82.18	82.94	83.70	84.60	85.35	86.11	86.89	87.51	88.13	88.71	1.0%
Electricity Related Losses	23.57	23.14	23.93	24.60	24.96	25.36	25.65	25.90	26.13	23.85	23.09	22.30	21.69	21.19	20.89	20.86	20.65	20.47	20.41	20.32	20.32	20.28	20.34	20.44	20.57	-0.6%
Total	93.77	94.11	96.41	99.01	100.46	102.15	103.83	105.15	106.78	102.95	102.19	101.32	101.27	101.15	101.78	103.04	103.59	104.17	105.01	105.67	106.43	107.17	107.85	108.57	109.28	0.6%
Electric Generators 15/																										
Distillate Fuel	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.07	0.12	0.20	0.12	0.43	0.80	0.68	0.83	0.75	10.1%
Residual Fuel	0.67	0.74	0.55	0.58	0.52	0.56	0.48	0.44	0.40	0.30	0.33	0.26	0.23	0.22	0.20	0.17	0.15	0.14	0.12	0.11	0.11	0.11	0.10	0.10	0.09	-8.2%
Petroleum Subtotal	0.75	0.82	0.62	0.66	0.60	0.63	0.56	0.52	0.47	0.34	0.36	0.29	0.26	0.25	0.23	0.20	0.22	0.26	0.32	0.23	0.54	0.91	0.78	0.93	0.83	0.5%
Natural Gas	3.04	2.72	3.38	3.80	3.86	4.22	4.62	4.92	5.44	7.47	8.55	9.95	10.75	11.49	12.12	12.36	13.00	13.65	14.12	14.77	14.99	15.12	15.64	15.77	15.99	7.2%
Steam Coal	18.36	18.55	19.47	19.73	19.71	19.90	19.99	20.02	20.03	15.87	13.95	11.62	10.22	8.99	8.17	8.03	7.08	6.23	5.53	4.86	4.18	3.52	3.04	2.57	2.21	-8.4%
Nuclear Power	7.20	6.88	7.00	7.25	7.30	7.35	7.41	7.46	7.46	7.40	7.44	7.43	7.37	7.35	7.30	7.24	7.21	7.14	7.11	7.02	6.93	6.71	6.63	6.62	6.67	-0.3%
Renewable Energy 16/	4.40	4.43	4.09	4.14	4.18	4.20	4.26	4.31	4.34	4.50	4.57	4.73	4.88	4.97	5.10	5.32	5.61	5.85	6.18	6.47	6.90	7.34	7.72	8.13	8.57	2.8%
Electricity Imports 17/	0.39	0.35	0.33	0.26	0.81	0.84	0.84	0.92	0.91	0.22	0.13	0.13	0.11	0.12	0.10	0.10	0.08	0.07	0.05	0.04	0.04	0.04	0.04	0.04	0.04	-8.7%
Total	34.14	33.75	34.89	35.85	36.47	37.15	37.68	38.14	38.65	35.78	35.00	34.15	33.58	33.16	33.02	33.25	33.20	33.20	33.31	33.39	33.57	33.65	33.84	34.07	34.32	0.0%

Table 2. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Total Energy Consumption																										
Distillate Fuel	7.06	7.40	7.49	7.62	7.73	7.89	8.04	8.15	8.28	8.14	8.17	8.19	8.29	8.33	8.45	8.61	8.74	8.87	9.00	8.95	9.29	9.70	9.61	9.80	9.75	1.4%
Kerosene	0.14	0.15	0.12	0.13	0.13	0.13	0.13	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	-1.0%
Jet Fuel 9/	3.27	3.33	3.37	3.74	3.84	3.95	4.08	4.20	4.36	4.39	4.44	4.48	4.60	4.70	4.82	5.00	5.14	5.25	5.41	5.53	5.68	5.81	5.92	6.01	6.12	2.6%
Liquefied Petroleum Gas	2.66	2.67	2.67	2.69	2.75	2.81	2.87	2.92	2.99	3.00	3.05	3.10	3.17	3.22	3.29	3.37	3.44	3.49	3.52	3.55	3.59	3.64	3.68	3.72	3.76	1.5%
Motor Gasoline 2/	15.16	15.40	15.69	15.99	16.25	16.55	16.85	17.11	17.36	17.26	17.14	16.99	16.87	16.79	16.82	16.91	16.93	16.97	17.13	17.27	17.41	17.60	17.71	17.83	17.92	0.7%
Petrochemical Feedstocks	1.28	1.29	1.28	1.30	1.32	1.35	1.38	1.40	1.43	1.42	1.43	1.45	1.48	1.49	1.52	1.56	1.58	1.60	1.61	1.62	1.63	1.64	1.65	1.67	1.68	1.1%
Residual Fuel	2.07	2.09	1.88	1.94	1.91	2.00	1.97	1.96	1.93	1.89	1.95	1.91	1.93	1.97	2.00	2.02	2.15	2.19	2.21	2.24	2.28	2.34	2.36	2.39	2.41	0.7%
Other Petroleum 13/	4.37	4.43	4.44	4.61	4.67	4.74	4.84	4.86	4.93	4.84	4.95	4.91	4.94	5.03	5.16	5.26	5.37	5.52	5.60	5.59	5.74	5.81	5.82	5.83	5.83	1.2%
Petroleum Subtotal	36.01	36.75	36.95	38.01	38.61	39.43	40.16	40.73	41.41	41.06	41.25	41.13	41.39	41.65	42.18	42.84	43.46	43.99	44.58	44.85	45.73	46.66	46.87	47.37	47.59	1.2%
Natural Gas	22.43	22.04	23.35	24.33	24.50	24.98	25.61	26.07	26.89	28.70	29.68	31.14	32.11	32.84	33.60	34.03	34.61	35.30	35.91	36.73	36.88	37.06	37.69	37.93	38.25	2.2%
Metallurgical Coal	0.85	0.86	0.86	0.85	0.83	0.82	0.80	0.78	0.77	0.74	0.71	0.68	0.65	0.63	0.60	0.57	0.55	0.52	0.50	0.48	0.46	0.44	0.42	0.40	0.38	-3.2%
Steam Coal	20.05	20.21	21.14	21.43	21.43	21.67	21.80	21.87	21.91	17.20	15.20	12.79	11.37	10.14	9.33	9.24	8.29	7.44	6.78	6.13	5.49	4.86	4.38	3.91	3.57	-6.9%
Net Coal Coke Imports	0.00	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.17	0.19	0.21	0.24	0.26	0.28	0.31	0.33	0.35	0.36	0.37	0.38	0.40	0.41	0.42	0.43	N/A
Coal Subtotal	20.90	21.16	22.11	22.41	22.39	22.63	22.76	22.82	22.86	18.12	16.10	13.68	12.26	11.02	10.21	10.12	9.17	8.32	7.64	6.98	6.33	5.69	5.21	4.73	4.38	-6.3%
Nuclear Power	7.20	6.88	7.00	7.25	7.30	7.35	7.41	7.46	7.46	7.40	7.44	7.43	7.37	7.35	7.30	7.24	7.21	7.14	7.11	7.02	6.93	6.71	6.63	6.62	6.67	-0.3%
Renewable Energy 18/	6.84	6.93	6.65	6.74	6.82	6.89	7.00	7.09	7.18	7.37	7.48	7.69	7.92	8.05	8.25	8.54	8.89	9.18	9.54	9.86	10.32	10.80	11.20	11.65	12.11	2.4%
Methanol 12/	0.01	0.01	0.01	0.02	0.02	0.03	0.05	0.06	0.07	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.22	0.23	16.4%
Liquid Hydrogen	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	81.1%
Electricity Imports 17/	0.39	0.35	0.33	0.26	0.81	0.84	0.84	0.92	0.91	0.22	0.13	0.13	0.11	0.12	0.10	0.10	0.08	0.07	0.05	0.04	0.04	0.04	0.04	0.04	0.04	-8.7%
Total	93.77	94.11	96.41	99.01	100.46	102.15	103.83	105.15	106.78	102.95	102.19	101.32	101.27	101.15	101.78	103.04	103.59	104.17	105.01	105.67	106.43	107.17	107.85	108.57	109.28	0.6%
Energy Use & Related Statistics																										
Delivered Energy Use	70.19	70.97	72.48	74.42	75.50	76.79	78.18	79.25	80.65	79.10	79.10	79.02	79.58	79.96	80.89	82.18	82.94	83.70	84.60	85.35	86.11	86.89	87.51	88.13	88.71	1.0%
Total Energy Use	93.77	94.12	96.42	99.02	100.47	102.16	103.84	105.16	106.80	102.96	102.20	101.33	101.28	101.16	101.79	103.05	103.60	104.17	105.02	105.68	106.43	107.17	107.84	108.56	109.26	0.6%
Population (millions)	266.07	268.69	271.80	274.72	277.60	280.48	283.35	286.22	289.10	291.99	294.91	297.86	300.83	303.83	306.87	309.93	313.01	316.12	319.23	322.36	325.49	328.62	331.75	334.79	337.80	1.0%
US GDP (billion 1992 dollars)	6928	7173	7406	7613	7810	8008	8201	8397	8622	8792	8957	9145	9412	9591	9869	10170	10453	10714	10939	11150	11347	11549	11748	11946	12160	2.4%
Tot. Carbon Emis.(mill m. ton)	1463	1490	1537	1576	1587	1614	1639	1657	1681	1578	1543	1499	1479	1462	1462	1475	1468	1465	1467	1465	1467	1470	1468	1468	1466	0.0%

1/ Includes wood used for residential heating. See Table 18 estimates of nonmarketed renewable energy consumption for geothermal heat pumps & solar thermal hot water heating.

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

3/ Includes commercial sector electricity cogenerated by using wood and wood waste, landfill gas, municipal solid waste, and other biomass. See Table 18 for estimates of nonmarketed renewable energy consumption for solar thermal hot water heating.

4/ Fuel consumption includes consumption for cogeneration.

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

6/ Includes lease and plant fuel and consumption by cogenerators, excludes consumption by nonutility generators.

7/ Includes consumption of energy from hydroelectric, wood and wood waste, municipal solid waste, and other biomass; including for cogeneration, both for sale to the grid and for own use.

8/ Low sulfur diesel fuel.

9/ Includes naphtha and kerosene type.

10/ Includes aviation gas and lubricants.

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

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

Table 2. Energy Consumption by Sector and Source Notes (Continued)

- 13/ Includes unfinished oils, natural gasoline, motor gasoline blending compounds, aviation gasoline, lubricants, still gas, asphalt, road oil, petroleum coke, and miscellaneous petroleum products.
- 14/ Includes 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.
- 15/ Includes consumption of energy by all electric power generators for grid-connected power except cogenerators, which produce electricity and other useful thermal energy.
- 16/ Includes 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.
- 17/ In 1996 approximately two-thirds of the U.S. electricity imports were provided by renewable sources (hydroelectricity); EIA does not project future proportions.
- 18/ Includes 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.

N/A = Not applicable.

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 (EIA), Short-Term Energy Outlook, August 1997. Online. <http://www.eia.doe.gov/emeu/steo/pub/upd/aug97/index.html> (August 21, 1997). 1996 electric utility fuel consumption: EIA, Electric Power Annual 1996, Volume I, 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/upd/aug97/index.html> (August 21, 1997). Projections: EIA, AEO98 National Energy Modeling System run HMA09.D080598A.

Table 3. Energy Prices by Sector and Source (1996 Dollars per Million Btu)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Residential	12.86	12.88	12.54	12.38	12.36	12.47	12.43	12.46	12.44	16.17	17.46	18.82	19.71	20.09	20.50	20.31	20.68	20.95	20.80	20.65	20.64	20.71	20.86	21.10	21.30	2.1%
Primary Energy 1/	6.63	6.69	6.30	6.35	6.30	6.36	6.31	6.34	6.33	8.04	8.67	9.39	9.80	10.07	10.35	10.37	10.67	10.91	10.86	10.86	10.88	10.87	11.02	11.19	11.32	2.3%
Petroleum Products 2/	8.51	8.33	8.10	8.61	8.72	8.84	8.96	9.09	9.19	11.03	11.69	12.46	12.82	12.93	13.12	13.00	13.24	13.46	13.36	13.22	13.30	13.24	13.40	13.56	13.67	2.0%
Distillate Fuel	7.09	6.96	6.60	7.23	7.30	7.37	7.43	7.49	7.58	9.51	10.23	10.98	11.33	11.47	11.62	11.47	11.77	11.97	11.83	11.66	11.73	11.61	11.76	11.91	11.99	2.2%
Liquefied Petroleum Gas	11.59	11.24	11.21	11.42	11.53	11.71	11.91	12.12	12.17	13.70	14.16	14.89	15.19	15.19	15.40	15.27	15.38	15.57	15.49	15.36	15.41	15.41	15.56	15.70	15.81	1.3%
Natural Gas	6.19	6.30	5.88	5.83	5.74	5.80	5.73	5.73	5.71	7.37	8.00	8.71	9.13	9.44	9.75	9.81	10.12	10.37	10.34	10.37	10.38	10.38	10.54	10.72	10.85	2.4%
Electricity	24.42	24.04	23.52	22.93	22.67	22.56	22.43	22.36	22.19	29.03	31.12	33.22	34.69	35.01	35.34	34.62	34.89	34.93	34.51	33.94	33.66	33.71	33.65	33.79	33.91	1.4%
Commercial	12.84	12.72	12.35	12.26	12.13	12.15	12.09	12.07	11.99	16.07	17.47	18.93	19.88	20.28	20.71	20.42	20.81	21.06	20.80	20.51	20.39	20.33	20.43	20.64	20.81	2.0%
Primary Energy 1/	5.26	5.24	4.93	4.93	4.88	4.94	4.90	4.92	4.91	6.60	7.25	7.97	8.38	8.64	8.91	8.92	9.22	9.45	9.38	9.35	9.34	9.29	9.41	9.55	9.64	2.6%
Petroleum Products 2/	5.56	5.29	5.39	5.38	5.45	5.54	5.61	5.71	5.78	7.71	8.39	9.17	9.54	9.62	9.81	9.66	9.93	10.15	10.04	9.88	9.93	9.84	9.98	10.14	10.24	2.6%
Distillate Fuel	5.27	5.00	4.97	5.01	5.09	5.15	5.20	5.28	5.37	7.30	8.00	8.75	9.12	9.23	9.40	9.26	9.55	9.75	9.62	9.45	9.52	9.45	9.60	9.75	9.83	2.6%
Residual Fuel	3.24	3.15	3.15	3.01	3.01	3.09	3.09	3.18	3.15	5.23	5.96	6.82	7.21	7.25	7.48	7.30	7.58	7.84	7.79	7.61	7.55	7.37	7.48	7.67	7.76	3.7%
Natural Gas 3/	5.28	5.32	4.92	4.93	4.85	4.92	4.85	4.86	4.84	6.47	7.10	7.80	8.22	8.51	8.80	8.84	9.14	9.38	9.32	9.32	9.29	9.26	9.37	9.51	9.60	2.5%
Electricity	22.06	21.67	21.11	20.80	20.51	20.41	20.28	20.18	19.93	26.62	28.66	30.73	32.16	32.54	32.93	32.20	32.49	32.50	31.99	31.37	31.03	30.94	30.91	31.10	31.29	1.5%
Industrial 4/	5.35	4.97	4.77	4.85	4.87	4.93	4.97	5.03	5.06	6.95	7.60	8.31	8.71	8.88	9.11	9.05	9.29	9.46	9.37	9.26	9.28	9.27	9.37	9.49	9.60	2.5%
Primary Energy	3.99	3.58	3.41	3.51	3.56	3.62	3.68	3.75	3.79	5.32	5.88	6.52	6.85	7.02	7.25	7.25	7.50	7.70	7.64	7.58	7.63	7.63	7.76	7.88	7.99	2.9%
Petroleum Products 2/	5.58	4.62	4.59	4.78	4.87	4.94	5.04	5.16	5.24	6.41	6.78	7.29	7.52	7.53	7.67	7.60	7.76	7.90	7.82	7.70	7.80	7.84	7.95	8.04	8.14	1.6%
Distillate Fuel	5.50	5.09	5.05	5.04	5.12	5.18	5.24	5.34	5.45	7.37	8.05	8.81	9.19	9.28	9.48	9.35	9.64	9.85	9.73	9.56	9.65	9.65	9.79	9.93	10.02	2.5%
Liquefied Petroleum Gas	7.80	5.64	5.63	6.10	6.19	6.36	6.55	6.75	6.78	8.28	8.69	9.41	9.70	9.69	9.88	9.76	9.86	10.04	9.96	9.83	9.92	9.97	10.12	10.26	10.38	1.2%
Residual Fuel	2.99	2.68	2.69	2.53	2.59	2.65	2.67	2.74	2.76	4.86	5.60	6.44	6.83	6.93	7.15	7.01	7.30	7.53	7.40	7.21	7.23	7.17	7.29	7.44	7.56	3.9%
Natural Gas 5/	2.96	3.04	2.70	2.76	2.76	2.81	2.82	2.86	2.86	4.46	5.11	5.82	6.23	6.55	6.86	6.96	7.29	7.56	7.54	7.59	7.59	7.59	7.73	7.89	8.01	4.2%
Metallurgical Coal	1.77	1.75	1.73	1.71	1.69	1.67	1.67	1.65	1.64	4.20	5.11	6.07	6.56	6.79	7.02	6.81	7.11	7.32	7.11	6.92	6.78	6.65	6.75	6.89	6.92	5.8%
Steam Coal	1.46	1.41	1.39	1.37	1.36	1.34	1.33	1.32	1.31	3.88	4.79	5.76	6.23	6.47	6.71	6.49	6.79	7.00	6.78	6.59	6.44	6.32	6.41	6.54	6.58	6.5%
Electricity	13.37	13.09	12.73	12.57	12.39	12.30	12.19	12.09	11.97	15.94	17.12	18.27	19.03	19.20	19.37	18.86	18.97	18.97	18.67	18.30	18.09	18.01	17.97	18.04	18.12	1.3%
Transportation	8.77	8.40	8.22	8.27	8.39	8.51	8.55	8.66	8.81	10.66	11.34	11.99	12.30	12.30	12.42	12.24	12.46	12.64	12.49	12.29	12.33	12.30	12.39	12.48	12.55	1.5%
Primary Energy	8.76	8.38	8.20	8.26	8.37	8.49	8.54	8.64	8.80	10.65	11.33	11.98	12.29	12.29	12.41	12.23	12.45	12.63	12.48	12.28	12.32	12.29	12.38	12.47	12.54	1.5%
Petroleum Products 2/	8.76	8.38	8.20	8.26	8.38	8.49	8.54	8.64	8.80	10.66	11.33	11.98	12.29	12.28	12.41	12.22	12.44	12.62	12.46	12.27	12.30	12.27	12.36	12.45	12.52	1.5%
Distillate Fuel 6/	8.90	8.37	8.18	8.27	8.32	8.39	8.47	8.57	8.71	10.57	11.25	11.96	12.33	12.35	12.50	12.32	12.50	12.66	12.54	12.34	12.36	12.37	12.49	12.55	12.59	1.5%
Jet Fuel 7/	5.52	4.81	4.78	4.89	5.00	5.11	5.18	5.31	5.52	7.36	8.05	8.71	9.08	9.16	9.31	9.15	9.43	9.64	9.57	9.47	9.50	9.49	9.63	9.80	9.85	2.4%
Motor Gasoline 8/	9.89	9.59	9.37	9.48	9.63	9.79	9.82	9.94	10.12	12.00	12.70	13.35	13.67	13.65	13.78	13.63	13.87	14.07	13.89	13.69	13.75	13.71	13.80	13.87	13.98	1.4%
Residual Fuel	2.55	2.56	2.56	2.41	2.49	2.55	2.58	2.64	2.74	4.85	5.61	6.41	6.80	6.94	7.15	7.01	7.31	7.51	7.36	7.15	7.16	7.12	7.26	7.38	7.50	4.6%
Liquid Petroleum Gas 9/	12.63	12.65	12.62	12.54	12.64	12.81	12.98	13.16	13.20	14.67	15.10	15.78	16.06	16.02	16.20	16.04	16.11	16.27	16.16	16.01	16.02	15.97	16.09	16.19	16.27	1.1%
Natural Gas 10/	5.42	6.48	5.90	5.71	5.58	5.62	5.61	5.70	5.80	7.50	8.31	9.18	9.75	10.14	10.53	10.64	10.97	11.25	11.23	11.29	11.29	11.30	11.46	11.64	11.78	3.3%
E85 11/	15.85	15.86	15.85	15.49	15.53	15.63	15.74	15.97	16.21	16.68	16.69	16.75	16.80	17.16	17.28	17.14	17.57	17.94	17.80	17.55	17.82	18.04	17.58	17.62	17.89	0.5%
Methanol 12/	12.24	12.24	12.24	12.01	12.15	12.17	12.44	12.56	12.66	14.39	14.98	15.57	15.82	15.86	15.95	15.84	16.06	16.25	16.11	15.99	15.94	15.89	15.99	16.12	16.19	1.2%
Electricity	15.33	15.32	15.03	14.87	14.68	14.52	14.21	14.02	13.90	14.48	14.92	15.26	15.72	15.64	15.80	15.39	15.19	15.05	14.93	14.67	14.44	14.32	14.21	14.16	14.13	-0.3%
Average End-Use Energy	8.65	8.32	8.11	8.12	8.16	8.24	8.25	8.32	8.38	10.72	11.52	12.35	12.81	12.95	13.15	12.99	13.25	13.43	13.29	13.14	13.15	13.13	13.24	13.36	13.47	1.9%
Primary Energy	8.32	7.97	7.76	7.79	7.84	7.92	7.94	8.02	8.09	10.27	11.02	11.79	12.21	12.31	12.49	12.34	12.57	12.74	12.60	12.44	12.46	12.44	12.53	12.64	12.73	1.8%
Electricity	20.00	19.58	19.18	18.80	18.59	18.48	18.33	18.23	18.04	23.77	25.51	27.25	28.41	28.68	28.94	28.26	28.47	28.48	28.11	27.64	27.39	27.35	27.33	27.45	27.58	1.3%

Table 3. Energy Prices by Sector and Source (1996 Dollars per Million Btu)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Electric Generators 13/																										
Fossil Fuel Average	1.54	1.49	1.45	1.49	1.47	1.49	1.50	1.50	1.52	3.93	4.80	5.68	6.16	6.46	6.76	6.74	7.09	7.37	7.33	7.35	7.37	7.41	7.57	7.76	7.89	7.0%
Petroleum Products	3.25	2.92	2.96	2.96	3.05	3.07	3.17	3.28	3.40	5.48	6.16	7.12	7.56	7.70	7.97	7.91	8.41	8.76	8.82	8.70	8.88	8.86	9.05	9.20	9.34	4.5%
Distillate Fuel	4.91	4.58	4.55	4.58	4.66	4.73	4.79	4.88	4.99	6.99	7.71	8.48	8.87	8.96	9.15	9.03	9.13	9.29	9.16	9.14	9.08	8.97	9.17	9.30	9.43	2.8%
Residual Fuel	3.07	2.74	2.74	2.73	2.81	2.84	2.91	3.00	3.09	5.29	6.01	6.96	7.40	7.53	7.79	7.71	8.06	8.31	8.28	8.22	8.12	8.04	8.26	8.42	8.54	4.4%
Natural Gas	2.64	2.69	2.44	2.65	2.54	2.59	2.61	2.64	2.67	4.30	4.98	5.71	6.18	6.52	6.86	6.97	7.31	7.58	7.57	7.63	7.62	7.61	7.75	7.90	8.02	4.7%
Steam Coal	1.29	1.25	1.23	1.22	1.21	1.20	1.19	1.18	1.17	3.73	4.65	5.62	6.10	6.34	6.58	6.35	6.65	6.86	6.64	6.44	6.28	6.14	6.23	6.38	6.41	6.9%
Average Price to All Users 14/																										
Petroleum Products 2/	7.83	7.32	7.23	7.34	7.46	7.56	7.63	7.75	7.89	9.59	10.18	10.80	11.08	11.07	11.19	11.04	11.23	11.39	11.25	11.09	11.12	11.08	11.20	11.28	11.37	1.6%
Distillate Fuel 6/	7.84	7.44	7.29	7.43	7.50	7.57	7.65	7.75	7.88	9.77	10.46	11.19	11.56	11.60	11.76	11.59	11.79	11.95	11.80	11.64	11.59	11.48	11.64	11.69	11.77	1.7%
Jet Fuel	5.52	4.81	4.78	4.89	5.00	5.11	5.18	5.31	5.52	7.36	8.05	8.71	9.08	9.16	9.31	9.15	9.43	9.64	9.57	9.47	9.50	9.49	9.63	9.80	9.85	2.4%
Liquefied Petroleum Gas	8.53	6.73	6.73	7.16	7.27	7.45	7.65	7.87	7.92	9.45	9.88	10.60	10.89	10.89	11.08	10.95	11.05	11.23	11.16	11.04	11.11	11.15	11.30	11.43	11.54	1.3%
Motor Gasoline 8/	9.89	9.59	9.37	9.46	9.61	9.77	9.81	9.92	10.10	11.98	12.69	13.33	13.65	13.63	13.77	13.61	13.85	14.05	13.88	13.67	13.74	13.70	13.78	13.86	13.96	1.4%
Residual Fuel	2.84	2.69	2.67	2.56	2.63	2.68	2.70	2.77	2.84	4.94	5.69	6.52	6.91	7.02	7.23	7.08	7.38	7.58	7.44	7.24	7.25	7.19	7.32	7.45	7.57	4.2%
Natural Gas	4.14	4.19	3.81	3.83	3.79	3.82	3.79	3.80	3.78	5.28	5.89	6.54	6.95	7.25	7.55	7.64	7.96	8.21	8.18	8.22	8.22	8.21	8.34	8.49	8.61	3.1%
Coal	1.32	1.27	1.25	1.23	1.22	1.21	1.20	1.19	1.18	3.74	4.66	5.64	6.11	6.36	6.59	6.37	6.67	6.89	6.67	6.48	6.33	6.19	6.29	6.44	6.48	6.8%
E85 11/	15.85	15.86	15.85	15.49	15.53	15.63	15.74	15.97	16.21	16.68	16.69	16.75	16.80	17.16	17.28	17.14	17.57	17.94	17.80	17.55	17.82	18.04	17.58	17.62	17.89	0.5%
Methanol 12/	12.24	12.24	12.24	12.01	12.15	12.17	12.44	12.56	12.66	14.39	14.98	15.57	15.82	15.86	15.95	15.84	16.06	16.25	16.11	15.99	15.94	15.89	15.99	16.12	16.19	1.2%
Electricity	20.00	19.58	19.18	18.80	18.59	18.48	18.33	18.23	18.04	23.77	25.51	27.25	28.41	28.68	28.94	28.26	28.47	28.48	28.11	27.64	27.39	27.35	27.33	27.45	27.58	1.3%
Non-Renewable Energy Expenditures by Sect. (billion 1996 dollars)																										
Residential	135.25	130.34	131.60	132.42	134.67	137.36	138.31	139.80	141.36	173.44	184.97	196.82	205.31	208.52	212.94	213.01	218.18	221.60	222.41	222.82	225.03	226.69	229.78	233.45	237.32	2.4%
Commercial	95.87	95.15	94.56	95.46	95.73	96.92	97.68	98.78	99.46	124.83	133.31	141.50	146.69	149.46	152.59	152.44	155.10	157.48	157.60	157.34	157.70	158.14	159.30	160.86	161.97	2.2%
Industrial	111.91	106.45	103.56	106.68	107.82	110.61	113.17	115.67	118.12	160.65	176.40	194.04	207.21	213.21	222.70	225.82	234.78	242.17	241.08	239.26	240.89	242.83	246.93	252.54	256.53	3.5%
Transportation	210.43	206.44	206.24	214.58	222.12	230.40	237.02	244.74	254.39	309.11	329.60	348.67	360.07	361.60	369.52	369.84	380.40	389.62	389.86	388.24	393.78	397.58	404.52	410.88	416.96	2.9%
Total Non-Renewable Expend.	553.46	538.39	535.96	549.14	560.34	575.29	586.17	599.00	613.34	768.02	824.28	881.03	919.28	932.78	957.74	961.11	988.45	1010.9	1010.9	1007.7	1017.4	1025.2	1040.5	1057.7	1072.8	2.8%
Trans. Renew. Expenditures	0.08	0.12	0.17	0.22	0.30	0.45	0.64	0.82	1.00	1.28	1.52	1.77	1.99	2.12	2.31	2.42	2.54	2.71	2.80	2.85	2.99	3.13	3.18	3.31	3.40	16.8%
Total Expenditures	553.54	538.51	536.13	549.35	560.64	575.75	586.81	599.81	614.34	769.31	825.80	882.80	921.27	934.91	960.05	963.54	991.00	1013.6	1013.7	1010.5	1020.4	1028.4	1043.7	1061.1	1076.2	2.8%

- 1/ Weighted average price includes fuels below as well as coal.
- 2/ This quantity is the weighted average for all petroleum products, not just those listed below.
- 3/ Excludes independent power producers.
- 4/ Includes cogenerators.
- 5/ Excludes uses for lease and plant fuel.
- 6/ Low sulfur diesel fuel. Price includes Federal and State taxes while excluding county and local taxes.
- 7/ Kerosene-type jet fuel. Price includes Federal and State taxes while excluding county and local taxes.

Table 3. Energy Prices by Sector and Source Notes (Continued)

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

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

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

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

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

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

14/ Weighted 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 run HMAC098B.D080598A. 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 run HMAC09.D080598A. Projections: EIA, AEO98 National Energy Modeling System run HMAC09.D080598A.

Table 4. Residential Sector Key Indicators and Consumption (Quadrillion Btu per year, Unless otherwise noted)																									1996-2020	
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Key Indicators																										
Households (millions)																										
Single-Family	69.61	70.56	71.73	72.92	74.05	75.17	76.24	77.30	78.37	79.33	80.31	81.31	82.32	83.28	84.26	85.35	86.48	87.61	88.70	89.75	90.79	91.83	92.87	93.84	94.80	1.3%
Multifamily	24.76	24.98	25.26	25.54	25.80	26.06	26.32	26.60	26.89	27.12	27.37	27.63	27.94	28.25	28.61	29.01	29.44	29.88	30.30	30.70	31.08	31.46	31.83	32.18	32.53	1.1%
Mobile Homes	6.00	6.15	6.31	6.46	6.60	6.74	6.87	6.99	7.12	7.23	7.33	7.44	7.55	7.65	7.76	7.88	7.99	8.11	8.21	8.31	8.40	8.49	8.57	8.65	8.72	1.6%
Total	100.3	101.6	103.3	104.9	106.4	107.9	109.4	110.9	112.3	113.6	115.0	116.3	117.8	119.1	120.6	122.2	123.9	125.5	127.2	128.7	130.2	131.7	133.2	134.6	136.0	1.3%
Average House Square Footage																										
	1649	1655	1661	1668	1673	1679	1684	1688	1693	1697	1701	1705	1709	1712	1715	1719	1722	1725	1727	1730	1733	1735	1738	1741	1743	0.2%
Energy Intensity (million Btu per household)																										
Delivered Energy	110.9	105.4	107.5	107.8	108.1	107.7	107.2	106.7	106.6	99.75	97.46	95.21	93.75	92.35	91.36	91.02	90.31	89.37	89.13	88.83	88.71	88.04	87.58	87.05	86.77	-1.0%
Electricity Related Losses	81.78	77.43	80.44	81.08	82.16	82.72	82.27	81.79	81.31	73.03	69.95	66.91	64.24	61.99	60.23	59.17	57.88	56.60	55.92	55.30	54.96	54.30	54.10	53.98	54.12	-1.7%
Total Energy Consumption	192.7	182.8	188.0	188.8	190.3	190.4	189.5	188.5	187.9	172.7	167.4	162.1	157.9	154.3	151.5	150.1	148.1	145.9	145.0	144.1	143.6	142.3	141.6	141.0	140.8	-1.3%
Delivered Energy Consum. by Fuel																										
Electricity																										
Space Heating	0.47	0.44	0.46	0.46	0.47	0.47	0.48	0.48	0.49	0.45	0.44	0.43	0.43	0.42	0.42	0.42	0.42	0.43	0.43	0.43	0.44	0.44	0.45	0.45	0.45	-0.1%
Space Cooling	0.46	0.44	0.48	0.48	0.49	0.49	0.50	0.51	0.52	0.48	0.47	0.47	0.46	0.46	0.46	0.47	0.47	0.47	0.48	0.48	0.49	0.49	0.49	0.49	0.49	0.3%
Water Heating	0.37	0.36	0.36	0.36	0.37	0.37	0.37	0.37	0.38	0.35	0.35	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.35	0.35	0.35	0.36	0.36	-0.1%
Refrigeration	0.41	0.38	0.38	0.37	0.36	0.36	0.35	0.34	0.33	0.32	0.31	0.31	0.30	0.30	0.29	0.29	0.29	0.29	0.29	0.28	0.29	0.29	0.29	0.29	0.29	-1.4%
Cooking	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.17	0.18	0.18	0.18	1.3%
Clothes Dryers	0.19	0.19	0.20	0.20	0.20	0.20	0.21	0.21	0.22	0.20	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.22	0.22	0.22	0.23	0.23	0.24	0.24	0.24	0.9%
Freezers	0.13	0.12	0.12	0.11	0.11	0.10	0.10	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	-2.2%
Lighting	0.32	0.32	0.33	0.34	0.35	0.35	0.36	0.37	0.37	0.35	0.35	0.35	0.35	0.35	0.35	0.36	0.36	0.37	0.38	0.38	0.39	0.40	0.40	0.40	0.41	1.0%
Clothes Washers 1/	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.9%
Dishwashers 1/	0.05	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.9%
Color Televisions	0.21	0.22	0.23	0.24	0.26	0.27	0.27	0.28	0.29	0.28	0.28	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.28	0.29	0.29	0.30	0.30	0.31	0.31	1.6%
Personal Computers	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	5.2%
Furnace Fans	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.11	0.11	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	1.6%
Other Uses 2/	0.80	0.84	0.93	1.01	1.10	1.20	1.24	1.28	1.33	1.28	1.30	1.32	1.34	1.37	1.41	1.46	1.51	1.54	1.59	1.64	1.69	1.72	1.76	1.79	1.83	3.5%
Delivered Energy	3.68	3.61	3.80	3.89	4.03	4.16	4.22	4.29	4.38	4.16	4.15	4.14	4.15	4.17	4.22	4.30	4.36	4.42	4.50	4.58	4.67	4.72	4.79	4.85	4.92	1.2%
Natural Gas																										
Space Heating	3.77	3.52	3.66	3.77	3.81	3.82	3.86	3.89	3.93	3.68	3.61	3.53	3.50	3.45	3.42	3.43	3.43	3.41	3.43	3.44	3.46	3.46	3.46	3.46	3.46	-0.4%
Space Cooling	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	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	10.7
Water Heating	1.31	1.25	1.29	1.32	1.33	1.33	1.35	1.36	1.37	1.29	1.27	1.25	1.25	1.24	1.24	1.25	1.26	1.26	1.27	1.27	1.28	1.27	1.27	1.27	1.27	-0.1%
Cooking	0.16	0.16	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.20	0.20	0.8%
Clothes Dryers	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.6%
Other Uses 3/	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.5%
Delivered Energy	5.39	5.06	5.26	5.39	5.46	5.47	5.53	5.56	5.63	5.29	5.19	5.11	5.07	5.02	5.00	5.02	5.03	5.01	5.05	5.07	5.09	5.09	5.10	5.09	5.11	-0.2%

Table 4. Residential Sector Key Indicators and Consumption (Quadrillion Btu per year, Unless otherwise noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Distillate																										
Space Heating	0.80	0.79	0.79	0.76	0.75	0.73	0.72	0.71	0.70	0.64	0.62	0.60	0.58	0.56	0.55	0.55	0.54	0.53	0.52	0.51	0.51	0.50	0.50	0.49	0.48	-2.1%
Water Heating	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	-0.7%
Other Uses 4/	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.0%
Delivered Energy	0.89	0.88	0.88	0.86	0.84	0.83	0.81	0.80	0.79	0.73	0.71	0.68	0.66	0.65	0.64	0.63	0.62	0.61	0.60	0.60	0.59	0.59	0.58	0.57	0.56	-1.9%
Liquefied Petroleum Gas																										
Space Heating	0.32	0.31	0.31	0.32	0.32	0.32	0.32	0.32	0.32	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.32	0.32	0.32	0.32	0.32	0.32	0.1%
Water Heating	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	1.1%
Cooking	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.9%
Other Uses 3/	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	1.3%
Delivered Energy	0.42	0.42	0.42	0.43	0.43	0.44	0.44	0.44	0.44	0.43	0.43	0.43	0.43	0.43	0.44	0.44	0.44	0.45	0.45	0.45	0.45	0.46	0.46	0.46	0.46	0.3%
Marketed Renewables (wood) 5/	0.61	0.60	0.62	0.61	0.61	0.61	0.61	0.61	0.61	0.62	0.62	0.62	0.63	0.63	0.63	0.64	0.64	0.64	0.65	0.65	0.65	0.66	0.66	0.66	0.66	0.3%
Other Fuels 6/	0.13	0.15	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.11	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.09	0.09	-1.5%
Deliv. Energy Consum. by End-Use																										
Space Heating	6.10	5.80	5.97	6.05	6.09	6.08	6.12	6.14	6.18	5.82	5.71	5.60	5.54	5.47	5.44	5.45	5.44	5.41	5.44	5.45	5.47	5.47	5.47	5.47	5.47	-0.5%
Space Cooling	0.47	0.44	0.48	0.48	0.49	0.50	0.50	0.51	0.52	0.48	0.48	0.47	0.47	0.47	0.47	0.47	0.48	0.48	0.48	0.49	0.49	0.50	0.50	0.50	0.51	0.4%
Water Heating	1.84	1.77	1.82	1.85	1.87	1.87	1.88	1.90	1.92	1.80	1.78	1.75	1.75	1.74	1.74	1.75	1.76	1.76	1.78	1.78	1.79	1.79	1.79	1.79	1.80	-0.1%
Refrigeration	0.41	0.38	0.38	0.37	0.36	0.36	0.35	0.34	0.33	0.32	0.31	0.31	0.30	0.30	0.29	0.29	0.29	0.29	0.29	0.28	0.29	0.29	0.29	0.29	0.29	-1.4%
Cooking	0.33	0.32	0.32	0.33	0.33	0.34	0.34	0.35	0.35	0.35	0.36	0.36	0.37	0.37	0.37	0.38	0.38	0.39	0.39	0.40	0.40	0.41	0.41	0.41	0.42	1.0%
Clothes Dryers	0.24	0.24	0.25	0.25	0.25	0.26	0.26	0.26	0.27	0.25	0.25	0.25	0.25	0.25	0.26	0.26	0.27	0.27	0.27	0.28	0.28	0.29	0.29	0.29	0.30	0.8%
Freezers	0.13	0.12	0.12	0.11	0.11	0.10	0.10	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	-2.2%
Lighting	0.32	0.32	0.33	0.34	0.35	0.35	0.36	0.37	0.37	0.35	0.35	0.35	0.35	0.35	0.35	0.36	0.36	0.37	0.38	0.38	0.39	0.40	0.40	0.40	0.41	1.0%
Clothes Washers	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.9%
Dishwashers	0.05	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.9%
Color Televisions	0.21	0.22	0.23	0.24	0.26	0.27	0.27	0.28	0.29	0.28	0.28	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.29	0.29	0.30	0.30	0.30	0.31	0.31	1.6%
Personal Computers	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	5.2%
Furnace Fans	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.11	0.11	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	1.6%
Other Uses 7/	0.90	0.94	1.03	1.11	1.21	1.31	1.35	1.39	1.44	1.38	1.40	1.42	1.45	1.48	1.52	1.57	1.61	1.65	1.70	1.75	1.80	1.83	1.87	1.91	1.95	3.3%
Delivered Energy	11.13	10.72	11.11	11.31	11.51	11.63	11.74	11.83	11.98	11.34	11.21	11.08	11.04	11.01	11.02	11.13	11.19	11.22	11.34	11.44	11.56	11.60	11.67	11.72	11.81	0.2%
Electricity Related Losses	8.21	7.87	8.31	8.51	8.75	8.93	9.00	9.07	9.14	8.30	8.05	7.79	7.57	7.39	7.27	7.23	7.17	7.11	7.11	7.12	7.16	7.15	7.21	7.27	7.36	-0.5%

Table 4. Residential Sector Key Indicators and Consumption (Quadrillion Btu per year, Unless otherwise noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Total Energy Consum. by End-Use																										
Space Heating	7.15	6.77	6.98	7.06	7.10	7.10	7.14	7.15	7.20	6.72	6.57	6.41	6.32	6.22	6.16	6.16	6.14	6.10	6.12	6.13	6.15	6.14	6.15	6.14	6.15	-0.6%
Space Cooling	1.50	1.40	1.52	1.53	1.55	1.56	1.58	1.59	1.61	1.45	1.40	1.35	1.31	1.28	1.26	1.25	1.25	1.24	1.24	1.24	1.24	1.23	1.24	1.24	1.25	-0.8%
Water Heating	2.66	2.55	2.61	2.64	2.66	2.66	2.68	2.69	2.71	2.51	2.45	2.40	2.37	2.34	2.32	2.32	2.32	2.30	2.32	2.32	2.33	2.32	2.32	2.33	2.34	-0.5%
Refrigeration	1.32	1.22	1.21	1.17	1.15	1.12	1.09	1.05	1.02	0.96	0.92	0.89	0.86	0.83	0.80	0.78	0.76	0.75	0.74	0.73	0.72	0.72	0.72	0.72	0.72	-2.5%
Cooking	0.62	0.60	0.62	0.62	0.63	0.64	0.64	0.65	0.66	0.65	0.65	0.65	0.65	0.64	0.64	0.65	0.65	0.65	0.66	0.66	0.66	0.67	0.67	0.68	0.69	0.4%
Clothes Dryers	0.68	0.65	0.67	0.68	0.69	0.70	0.71	0.72	0.66	0.64	0.63	0.62	0.62	0.61	0.62	0.62	0.62	0.62	0.63	0.63	0.64	0.64	0.65	0.66	0.66	-0.1%
Freezers	0.42	0.38	0.37	0.35	0.34	0.32	0.31	0.29	0.28	0.26	0.25	0.24	0.23	0.22	0.21	0.21	0.20	0.20	0.20	0.19	0.19	0.19	0.19	0.19	0.19	-3.3%
Lighting	1.05	1.02	1.06	1.07	1.09	1.11	1.12	1.14	1.15	1.05	1.03	1.00	0.98	0.97	0.96	0.97	0.96	0.97	0.97	0.98	0.99	1.00	1.00	1.01	1.02	-0.1%
Clothes Washers	0.09	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	-0.2%
Dishwashers	0.15	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.15	-0.1%
Color Televisions	0.68	0.69	0.74	0.78	0.82	0.84	0.86	0.88	0.90	0.83	0.81	0.79	0.77	0.76	0.75	0.75	0.75	0.74	0.74	0.74	0.75	0.75	0.76	0.77	0.78	0.6%
Personal Computers	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.13	0.13	0.14	0.14	4.1%
Furnace Fans	0.29	0.28	0.30	0.30	0.31	0.32	0.32	0.33	0.33	0.31	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.31	0.31	0.32	0.32	0.32	0.33	0.33	0.33	0.5%
Other Uses 7/	2.67	2.76	3.06	3.31	3.60	3.89	4.00	4.11	4.22	3.93	3.92	3.89	3.89	3.91	3.95	4.04	4.09	4.14	4.22	4.30	4.39	4.44	4.51	4.59	4.68	2.4%
Total	19.34	18.59	19.42	19.82	20.26	20.56	20.74	20.90	21.12	19.64	19.26	18.87	18.61	18.40	18.29	18.36	18.36	18.33	18.45	18.56	18.72	18.76	18.88	18.99	19.17	-0.0%
Non-Marketed Renewables																										
Geothermal 8/	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.04	0.04	0.05	0.05	7.6%
Solar 9/	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.3%
Total	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.06	0.06	4.9%

1/ Does not include water heating of load.

2/ Includes small electric devices, heating elements and motors.

3/ Includes such appliances as swimming pool heaters, outdoor grills, and outdoor lighting (natural gas).

4/ Includes such appliances as swimming pool and hot tub heaters.

5/ Includes wood used for primary and secondary heating in wood stoves or fireplaces as reported in the Residential Energy Consumption Survey 1993.

6/ Includes kerosene and coal.

7/ Includes all other uses listed above.

8/ Includes primary energy displaced by geothermal heat pumps in space heating and cooling applications.

9/ Includes primary energy displaced by solar thermal water heaters.

Btu = British thermal unit.

Note: Totals may not equal sum of components due to independent rounding.

Sources: 1996: Energy Information Administration (EIA), Short-Term Energy Outlook, August 1997. Online. <http://www.eia.doe.gov/emew/steo/pub/upd/aug97/index.html> (August 21, 1997). Projections: EIA, AEO98 National Energy Modeling System run HMA09.D080598A.

Table 5. Commercial Sector Key Indicators and Consumption (Quadrillion Btu per year, Unless otherwise noted)																											
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020	
Marketed Renewable Fuels																											
Biomass	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.2%
Delivered Energy	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.2%
Deliv. Energy Consump. by End-Use																											
Space Heating	1.65	1.61	1.64	1.64	1.65	1.65	1.65	1.66	1.67	1.54	1.49	1.44	1.40	1.39	1.37	1.37	1.35	1.34	1.35	1.35	1.35	1.35	1.34	1.33	1.32	-0.9%	
Space Cooling	0.53	0.52	0.56	0.56	0.56	0.57	0.57	0.57	0.58	0.53	0.52	0.51	0.50	0.50	0.50	0.51	0.51	0.51	0.51	0.52	0.52	0.52	0.52	0.52	0.52	0.52	-0.1%
Water Heating	0.68	0.69	0.70	0.70	0.70	0.71	0.71	0.72	0.72	0.67	0.65	0.63	0.62	0.61	0.61	0.61	0.61	0.60	0.61	0.61	0.62	0.62	0.62	0.62	0.62	0.62	-0.4%
Ventilation	0.17	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.18	0.17	0.17	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.17	0.16	-0.1%
Cooking	0.21	0.22	0.22	0.23	0.23	0.23	0.24	0.24	0.24	0.23	0.22	0.21	0.21	0.21	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.21	-0.1%
Lighting	1.16	1.18	1.20	1.22	1.23	1.23	1.24	1.25	1.26	1.16	1.13	1.09	1.06	1.05	1.04	1.05	1.05	1.05	1.06	1.07	1.07	1.07	1.07	1.06	1.05	-0.4%	
Refrigeration	0.14	0.14	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.18	0.18	1.0%	
Office Equipment (PC)	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	1.5%	
Office Equipment (non-PC)	0.20	0.20	0.21	0.21	0.22	0.23	0.23	0.24	0.25	0.24	0.24	0.24	0.24	0.25	0.25	0.26	0.27	0.27	0.28	0.29	0.30	0.31	0.31	0.32	0.32	2.1%	
Other Uses 6/	2.64	2.69	2.74	2.84	2.91	2.97	3.03	3.10	3.17	3.01	2.98	2.95	2.95	2.97	2.99	3.05	3.06	3.09	3.15	3.20	3.24	3.28	3.30	3.31	3.32	1.0%	
Delivered Energy	7.47	7.48	7.66	7.79	7.90	7.98	8.09	8.18	8.30	7.77	7.63	7.48	7.38	7.37	7.37	7.47	7.46	7.48	7.58	7.67	7.74	7.78	7.80	7.80	7.79	0.2%	
Electricity Related Losses	7.52	7.43	7.67	7.86	7.94	7.99	8.05	8.12	8.16	7.34	7.07	6.78	6.51	6.36	6.23	6.20	6.11	6.06	6.06	6.05	6.04	6.02	6.02	6.01	6.01	-0.9%	
Total Energy Consump. by End-Use																											
Space Heating	1.91	1.85	1.89	1.89	1.89	1.88	1.89	1.89	1.90	1.74	1.68	1.62	1.58	1.55	1.53	1.53	1.50	1.48	1.49	1.49	1.49	1.49	1.48	1.46	1.45	-1.2%	
Space Cooling	1.67	1.60	1.72	1.73	1.72	1.72	1.72	1.72	1.72	1.54	1.48	1.42	1.37	1.34	1.32	1.31	1.29	1.28	1.28	1.27	1.27	1.26	1.26	1.25	1.24	-1.2%	
Water Heating	1.07	1.07	1.08	1.08	1.08	1.08	1.09	1.09	1.09	0.99	0.96	0.92	0.89	0.88	0.86	0.86	0.85	0.84	0.84	0.84	0.84	0.84	0.83	0.83	0.83	-1.1%	
Ventilation	0.55	0.54	0.55	0.56	0.56	0.56	0.56	0.56	0.57	0.51	0.49	0.47	0.45	0.44	0.44	0.43	0.43	0.42	0.42	0.42	0.42	0.42	0.42	0.41	0.41	-1.2%	
Cooking	0.28	0.28	0.29	0.29	0.30	0.30	0.30	0.30	0.31	0.28	0.27	0.26	0.25	0.25	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	-0.7%	
Lighting	3.76	3.75	3.82	3.88	3.89	3.89	3.88	3.88	3.88	3.47	3.31	3.15	3.00	2.91	2.84	2.82	2.77	2.75	2.74	2.73	2.72	2.69	2.67	2.64	2.61	-1.5%	
Refrigeration	0.45	0.45	0.46	0.47	0.47	0.47	0.47	0.47	0.48	0.47	0.46	0.46	0.45	0.45	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	-0.1%	
Office Equipment (PC)	0.22	0.22	0.22	0.23	0.23	0.24	0.24	0.25	0.25	0.23	0.23	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.23	0.23	0.23	0.24	0.24	0.24	0.4%	
Office Equipment (non-PC)	0.63	0.64	0.66	0.68	0.70	0.71	0.73	0.75	0.76	0.71	0.70	0.69	0.68	0.68	0.69	0.70	0.71	0.72	0.73	0.74	0.76	0.77	0.78	0.80	0.81	1.0%	
Other Uses 6/	4.42	4.50	4.64	4.85	4.99	5.12	5.25	5.38	5.51	5.17	5.11	5.04	5.00	5.01	5.03	5.11	5.12	5.16	5.24	5.32	5.38	5.42	5.46	5.49	5.52	0.9%	
Total	14.98	14.91	15.33	15.65	15.83	15.97	16.14	16.30	16.46	15.11	14.70	14.25	13.89	13.73	13.60	13.67	13.56	13.54	13.63	13.72	13.78	13.80	13.82	13.81	13.80	-0.3%	
Non-Marketed Renewable Fuels																											
Solar 7/	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	4.2%	
Total	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	4.2%	

1/ Includes miscellaneous uses, such as service station equipment, district services, automated teller machines, telecommunications equipment, and medical equipment.

2/ Excludes estimated consumption from independent power producers.

3/ Includes miscellaneous uses, such as district services, pumps, lighting, emergency electric generators, and manufacturing performed in commercial buildings.

4/ Includes miscellaneous uses, such as cooking, district services, and emergency electric generators.

5/ Includes residual fuel oil, liquefied petroleum gas, coal, motor gasoline, and kerosene.

6/ Includes miscellaneous uses, such as service station equipment, district services, automated teller machines, telecommunications equipment, medical equipment, pumps, lighting, emergency electric generators, manufacturing performed in commercial buildings, and cooking (distillate), plus residual fuel oil, liquefied petroleum gas, coal, motor gasoline, and kerosene.

7/ Includes primary energy displaced by solar thermal water heaters.

Btu = British thermal unit.

PC = Personal computer.

Note: Totals may not equal sum of components due to independent rounding. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 1996: Energy Information Administration (EIA), Short-Term Energy Outlook, August 1997, Online. <http://www.eia.doe.gov/emeu/steo/pub/upd/aug97/index.html> (August 21, 1997). Projections: EIA, AEO98 National Energy Modeling System run HMA09.D080598A.

Table 6. Industrial Sector Key Indicators and Consumption (Quadrillion Btu per year, Unless otherwise noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Key Indicators																										
Value of Gross Output(bill.87\$)																										
Manufacturing	3030	3167	3238	3310	3399	3501	3601	3706	3836	3903	3999	4094	4237	4322	4475	4635	4758	4863	4939	5020	5105	5199	5294	5404	5501	2.5%
Nonmanufacturing	774	795	829	851	863	879	894	905	921	922	931	943	965	975	997	1029	1051	1073	1086	1096	1105	1117	1130	1140	1150	1.7%
Total	3805	3962	4067	4160	4262	4380	4496	4610	4757	4824	4930	5037	5202	5297	5472	5664	5810	5936	6025	6116	6210	6317	6423	6544	6651	2.4%
Energy Prices (1996\$/mmBtu)																										
Electricity	13.37	13.09	12.73	12.57	12.39	12.30	12.19	12.09	11.97	15.94	17.12	18.27	19.03	19.20	19.37	18.86	18.97	18.97	18.67	18.30	18.09	18.01	17.97	18.04	18.12	1.3%
Natural Gas	2.96	3.04	2.70	2.76	2.76	2.81	2.82	2.86	2.86	4.46	5.11	5.82	6.23	6.55	6.86	6.96	7.29	7.56	7.54	7.59	7.59	7.59	7.73	7.89	8.01	4.2%
Steam Coal	1.46	1.41	1.39	1.37	1.36	1.34	1.33	1.32	1.31	3.88	4.79	5.76	6.23	6.47	6.71	6.49	6.79	7.00	6.78	6.59	6.44	6.32	6.41	6.54	6.58	6.5%
Residual Oil.	2.99	2.68	2.69	2.53	2.59	2.65	2.67	2.74	2.76	4.86	5.60	6.44	6.83	6.93	7.15	7.01	7.30	7.53	7.40	7.21	7.23	7.17	7.29	7.44	7.56	3.9%
Distillate Oil	5.50	5.09	5.05	5.04	5.12	5.18	5.24	5.34	5.45	7.37	8.05	8.81	9.19	9.28	9.48	9.35	9.64	9.85	9.73	9.56	9.65	9.65	9.79	9.93	10.02	2.5%
Liquefied Petroleum Gas	7.80	5.64	5.63	6.10	6.19	6.36	6.55	6.75	6.78	8.28	8.69	9.41	9.70	9.69	9.88	9.76	9.86	10.04	9.96	9.83	9.92	9.97	10.12	10.26	10.38	1.2%
Motor Gasoline	9.86	9.54	9.32	8.09	8.26	8.43	8.49	8.62	8.80	10.73	11.45	12.13	12.47	12.48	12.63	12.49	12.76	12.99	12.83	12.65	12.75	12.74	12.85	12.94	13.07	1.2%
Metallurgical Coal	1.77	1.75	1.73	1.71	1.69	1.67	1.67	1.65	1.64	4.20	5.11	6.07	6.56	6.79	7.02	6.81	7.11	7.32	7.11	6.92	6.78	6.65	6.75	6.89	6.92	5.8%
Energy Consumption																										
Consumption (quad. Btu/ year)1/																										
Purchased Electricity	3.46	3.54	3.58	3.70	3.75	3.86	3.96	4.05	4.16	4.02	4.03	4.02	4.08	4.11	4.19	4.31	4.38	4.44	4.47	4.49	4.53	4.57	4.60	4.65	4.69	1.3%
Natural Gas 2/	9.96	10.21	10.51	10.84	10.87	10.91	11.01	11.05	11.21	11.50	11.57	11.75	11.97	11.99	12.13	12.24	12.18	12.21	12.25	12.32	12.21	12.23	12.31	12.44	12.51	1.0%
Steam Coal	1.55	1.51	1.54	1.57	1.58	1.62	1.67	1.70	1.74	1.21	1.12	1.05	1.03	1.04	1.05	1.10	1.10	1.11	1.14	1.17	1.20	1.22	1.23	1.23	1.24	-0.9%
Metallurgical Coal & Coke3/	0.85	0.96	0.97	0.97	0.96	0.96	0.96	0.96	0.95	0.91	0.90	0.89	0.89	0.88	0.88	0.88	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.83	0.82	-0.2%
Residual Fuel	0.34	0.35	0.34	0.33	0.33	0.36	0.36	0.36	0.34	0.36	0.36	0.35	0.36	0.37	0.39	0.40	0.51	0.51	0.52	0.53	0.53	0.55	0.56	0.56	0.56	2.0%
Distillate	1.17	1.18	1.17	1.20	1.22	1.25	1.29	1.32	1.36	1.38	1.40	1.43	1.46	1.49	1.53	1.57	1.60	1.64	1.65	1.66	1.68	1.70	1.72	1.73	1.74	1.7%
Liquefied Petroleum Gas	2.12	2.14	2.13	2.14	2.18	2.23	2.27	2.30	2.35	2.35	2.38	2.42	2.48	2.52	2.57	2.64	2.69	2.73	2.75	2.77	2.80	2.85	2.88	2.91	2.94	1.4%
Petrochemical Feedstocks	1.28	1.29	1.28	1.30	1.32	1.35	1.38	1.40	1.43	1.42	1.43	1.45	1.48	1.49	1.52	1.56	1.58	1.60	1.61	1.62	1.63	1.64	1.65	1.67	1.68	1.1%
Other Petroleum 4/	4.31	4.36	4.37	4.53	4.59	4.67	4.76	4.79	4.86	4.77	4.88	4.84	4.87	4.96	5.09	5.19	5.29	5.44	5.51	5.50	5.65	5.72	5.73	5.74	5.74	1.2%
Renewables 5/	1.82	1.89	1.93	1.97	2.00	2.04	2.08	2.11	2.16	2.17	2.20	2.24	2.29	2.32	2.38	2.44	2.49	2.53	2.55	2.58	2.60	2.62	2.64	2.66	2.69	1.6%
Delivered Energy	26.87	27.41	27.82	28.54	28.80	29.25	29.75	30.05	30.54	30.09	30.28	30.43	30.92	31.18	31.73	32.31	32.69	33.07	33.31	33.48	33.68	33.94	34.14	34.42	34.61	1.1%
Electricity Related Losses	7.72	7.71	7.82	8.09	8.14	8.30	8.46	8.56	8.67	8.04	7.81	7.57	7.45	7.28	7.22	7.25	7.20	7.13	7.07	6.98	6.94	6.93	6.93	6.98	7.02	-0.4%
Total	34.59	35.12	35.64	36.63	36.94	37.55	38.21	38.60	39.21	38.13	38.09	38.00	38.36	38.45	38.96	39.56	39.89	40.20	40.38	40.46	40.62	40.87	41.08	41.40	41.63	0.8%

Table 6. Industrial Sector Key Indicators and Consumption (Quadrillion Btu per year, Unless otherwise noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Consumption / Unit of Output1/ (thousand Btu / 1987 dollar)																										
Purchased Electricity	0.91	0.89	0.88	0.89	0.88	0.88	0.88	0.88	0.87	0.83	0.82	0.80	0.78	0.78	0.77	0.76	0.75	0.75	0.74	0.73	0.73	0.72	0.72	0.71	0.71	-1.1%
Natural Gas 2/	2.62	2.58	2.59	2.61	2.55	2.49	2.45	2.40	2.36	2.38	2.35	2.33	2.30	2.26	2.22	2.16	2.10	2.06	2.03	2.02	1.97	1.94	1.92	1.90	1.88	-1.4%
Steam Coal	0.41	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.25	0.23	0.21	0.20	0.20	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	-3.2%
Metallurgical Coal & Coke3/	0.22	0.24	0.24	0.23	0.23	0.22	0.21	0.21	0.20	0.19	0.18	0.18	0.17	0.17	0.16	0.16	0.15	0.15	0.14	0.14	0.14	0.13	0.13	0.13	0.12	-2.5%
Residual Fuel	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.08	-0.3%
Distillate	0.31	0.30	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.27	0.27	0.27	0.27	0.27	0.26	0.26	-0.7%
Liquefied Petroleum Gas	0.56	0.54	0.52	0.51	0.51	0.51	0.51	0.50	0.49	0.49	0.48	0.48	0.48	0.48	0.47	0.47	0.46	0.46	0.46	0.45	0.45	0.45	0.45	0.45	0.44	-1.0%
Petrochemical Feedstocks	0.34	0.32	0.31	0.31	0.31	0.31	0.31	0.30	0.30	0.29	0.29	0.29	0.28	0.28	0.28	0.27	0.27	0.27	0.27	0.26	0.26	0.26	0.26	0.25	0.25	-1.2%
Other Petroleum 4/	1.13	1.10	1.07	1.09	1.08	1.07	1.06	1.04	1.02	0.99	0.99	0.96	0.94	0.94	0.93	0.92	0.91	0.92	0.92	0.90	0.91	0.91	0.89	0.88	0.86	-1.1%
Renewables 5/	0.48	0.48	0.47	0.47	0.47	0.47	0.46	0.46	0.45	0.45	0.45	0.44	0.44	0.44	0.43	0.43	0.43	0.43	0.42	0.42	0.42	0.41	0.41	0.41	0.40	-0.7%
Delivered Energy	7.06	6.92	6.84	6.86	6.76	6.68	6.62	6.52	6.42	6.24	6.14	6.04	5.94	5.89	5.80	5.70	5.63	5.57	5.53	5.47	5.42	5.37	5.32	5.26	5.20	-1.3%
Electricity Related Losses	2.03	1.95	1.92	1.94	1.91	1.89	1.88	1.86	1.82	1.67	1.58	1.50	1.43	1.37	1.32	1.28	1.24	1.20	1.17	1.14	1.12	1.10	1.08	1.07	1.06	-2.7%
Total	9.09	8.86	8.76	8.80	8.67	8.57	8.50	8.37	8.24	7.90	7.73	7.54	7.38	7.26	7.12	6.98	6.87	6.77	6.70	6.62	6.54	6.47	6.39	6.33	6.26	-1.5%

1/ Fuel consumption includes consumption for cogeneration.

2/ Includes lease and plant fuel and consumption by cogenerators, excludes consumption by nonutility generators.

3/ Includes net coke coal imports.

4/ Includes petroleum coke, asphalt, road oil, lubricants, motor gasoline, still gas, and miscellaneous petroleum products.

5/ Includes consumption of energy from hydroelectric, wood and wood waste, municipal solid waste, and other biomass.

Btu = British thermal unit.

Note: Totals may not equal sum of components due to independent rounding.

Sources: 1996 prices for gasoline and distillate are based on prices in various issues of Energy Information Administration (EIA), Petroleum Marketing Monthly, DOE/EIA-0380(96/03-97/04) (Washington, DC, 1996-97). 1996 coal prices: EIA, Monthly Energy Review, DOE/EIA-0035(97/08) (Washington, DC, August 1997). 1996 electricity prices: EIA, AEO98 National Energy Modeling System run HMA09.D080598A. Other 1996 prices derived from EIA, State Energy Data Report 1994. Online. <ftp://ftp.eia.doe.gov/pub/state.data/021494.pdf> (August 26, 1997). Other 1996 values: EIA, Short-Term Energy Outlook, August 1997. Online. <http://www.eia.doe.gov/emeu/steo/pub/upd/021494/021494.html> (August 21, 1997). Projections: EIA, AEO98 National Energy Modeling System run HMA09.D080598A.

Table 7. Transportation Sector Key Indicators and Delivered Energy Consumption																											
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020	
Key Indicators																											
Level of Travel (billions)																											
Light-Duty Veh.<8500 lbs.(VMT)	2276	2332	2395	2442	2479	2525	2576	2623	2672	2676	2682	2687	2705	2731	2770	2822	2859	2897	2951	2998	3045	3099	3138	3177	3216	1.5%	
Commercial Light Trucks(VMT) 1/	67	69	71	72	74	75	77	78	80	81	81	82	84	85	87	89	91	92	94	95	97	98	100	101	102	1.8%	
Freight Trucks >10000 lbs.(VMT)	162	174	180	185	190	196	202	207	213	215	218	222	228	232	238	245	250	254	257	259	262	265	267	270	273	2.2%	
Air (seat miles demanded)	999	1074	1126	1184	1235	1285	1345	1398	1464	1484	1509	1530	1585	1632	1695	1780	1848	1909	1989	2056	2131	2203	2267	2321	2384	3.7%	
Rail (ton miles traveled)	1221	1315	1351	1372	1393	1437	1461	1480	1501	1371	1338	1297	1284	1267	1274	1310	1304	1300	1298	1294	1293	1289	1290	1294	1296	0.2%	
Marine (ton miles traveled)	779	785	792	812	817	827	840	849	863	848	853	859	871	875	888	903	909	918	923	923	925	930	938	943	946	0.8%	
Energy Efficiency Indicators																											
New Car (MPG) 2/	28.2	27.8	27.3	27.8	28.1	28.4	28.6	29.1	29.5	30.7	31.4	32.1	33.4	33.9	33.8	33.7	33.6	33.5	33.2	33.2	33.3	33.1	33.2	33.3	33.9	0.8%	
New Light Truck (MPG) 2/	20.9	19.5	19.1	19.1	19.3	19.4	19.4	19.7	19.9	20.6	21.0	21.4	21.9	22.2	22.2	22.1	22.2	22.2	22.1	22.2	22.3	22.2	22.4	22.6	23.0	0.4%	
Light-Duty Fleet (MPG) 3/	20.2	20.3	20.4	20.4	20.4	20.3	20.3	20.2	20.2	20.3	20.4	20.5	20.7	21.0	21.2	21.5	21.7	21.9	22.1	22.3	22.4	22.5	22.7	22.8	22.9	0.5%	
New Comm. Light Truck (MPG) 1/	20.2	19.0	18.6	18.6	18.8	18.9	18.9	19.0	19.2	19.9	20.3	20.6	21.1	21.4	21.4	21.3	21.3	21.3	21.2	21.2	21.3	21.3	21.4	21.6	21.7	0.3%	
Stock Comm. Light Truck(MPG) 1/	14.5	14.6	14.6	14.6	14.7	14.7	14.7	14.7	14.7	14.8	14.8	14.9	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.7	15.8	15.9	15.9	16.0	16.1	0.4%
Aircraft Stock (seat miles/gal)	50.6	51.1	51.4	51.8	52.2	52.5	52.9	53.2	53.6	53.9	54.2	54.5	54.9	55.3	55.8	56.3	56.8	57.2	57.7	58.1	58.5	59.0	59.3	59.7	60.1	0.7%	
Freight Truck Efficiency (MPG)	5.6	5.6	5.7	5.7	5.7	5.8	5.8	5.8	5.9	5.9	6.0	6.0	6.1	6.1	6.1	6.2	6.2	6.3	6.3	6.3	6.4	6.4	6.5	6.5	6.6	0.7%	
Rail Eff.(ton miles/thous. Btu)	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	0.5%	
Domestic Shipping Efficiency																											
(ton miles per thousand Btu)	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0	0.5%	
Energy Use by Mode(quad. Btu/yr)																											
Light-Duty Vehicles	13.95	14.20	14.52	14.85	15.15	15.50	15.87	16.18	16.50	16.48	16.42	16.31	16.24	16.19	16.25	16.36	16.41	16.48	16.66	16.83	17.00	17.21	17.35	17.48	17.62	1.0%	
Commercial Light Trucks 1/	0.58	0.59	0.61	0.62	0.63	0.64	0.65	0.66	0.68	0.68	0.68	0.69	0.69	0.70	0.71	0.72	0.73	0.74	0.75	0.76	0.77	0.77	0.78	0.79	0.80	1.3%	
Freight Trucks 4/	4.04	4.33	4.45	4.51	4.57	4.70	4.80	4.88	4.97	5.02	5.01	5.07	5.17	5.18	5.32	5.42	5.49	5.54	5.57	5.58	5.58	5.60	5.61	5.63	5.65	1.4%	
Air	3.32	3.37	3.41	3.78	3.88	3.99	4.12	4.24	4.40	4.43	4.49	4.53	4.65	4.74	4.87	5.05	5.19	5.30	5.46	5.59	5.74	5.87	5.99	6.08	6.19	2.6%	
Rail	0.53	0.56	0.58	0.58	0.59	0.60	0.61	0.62	0.62	0.57	0.56	0.54	0.54	0.53	0.53	0.54	0.54	0.54	0.53	0.53	0.53	0.53	0.53	0.53	0.53	-0.0%	
Marine	1.43	1.41	1.43	1.47	1.51	1.55	1.59	1.64	1.68	1.72	1.76	1.80	1.85	1.89	1.94	1.99	2.03	2.08	2.12	2.16	2.19	2.23	2.27	2.31	2.35	2.1%	
Pipeline Fuel	0.73	0.76	0.77	0.81	0.77	0.78	0.78	0.79	0.81	0.87	0.88	0.92	0.94	0.98	1.00	1.02	1.04	1.08	1.10	1.12	1.14	1.15	1.16	1.16	1.17	2.0%	
Other 5/	0.24	0.25	0.26	0.26	0.27	0.27	0.28	0.28	0.28	0.28	0.29	0.29	0.29	0.30	0.30	0.31	0.32	0.33	0.34	0.34	0.35	0.35	0.35	0.35	0.36	1.6%	
Total	24.73	25.36	25.88	26.77	27.29	27.93	28.60	29.18	29.83	29.90	29.98	30.03	30.24	30.41	30.76	31.27	31.60	31.92	32.37	32.76	33.14	33.57	33.89	34.19	34.50	1.4%	

1/ Commercial trucks 8,500 to 10,000 pounds.

2/ Environmental Protection Agency rated miles per gallon.

3/ Combined car and light truck "on-the-road" estimate.

4/ Includes energy use by buses.

5/ Includes lubricants and aviation gasoline.

Btu = British thermal unit.

VMT=Vehicle miles traveled.

MPG = Miles per gallon.

Lbs. = Pounds.

Note: Totals may not equal sum of components due to independent rounding.

Sources: 1996: Federal Aviation Administration (FAA), FAA Aviation Forecasts Fiscal Years 1996-2007, (Washington, DC, February 1995); Energy Information Administration (EIA), Short-Term Energy Outlook, August 1997, Online. <http://www.eia.doe.gov/emeu/steo/pub/upd/aug97/index.html> (August 21, 1997); EIA, Fuel Oil and Kerosene Sales 1996, DOE/EIA-0535(96) (Washington, DC, September 1997); and United States Department of Defense, Defense Fuel Supply Center. Projections: EIA, AEO98 National Energy Modeling System run HMAC09.D080598A.

Table 8. Electricity Supply, Disposition, and Prices (Billion Kilowatthours, Unless Otherwise Noted)																											
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020	
Generation by Fuel Type																											
Electric Generators 1/																											
Coal	1758	1810	1899	1924	1921	1938	1946	1950	1950	1575	1394	1171	1035	913	833	821	726	640	570	501	431	365	315	267	230	-8.1%	
Petroleum	80	80	62	66	60	64	56	52	48	35	38	31	28	26	24	21	25	31	41	28	74	131	112	135	121	1.7%	
Natural Gas	288	265	323	364	387	448	508	559	640	902	1064	1264	1407	1547	1672	1756	1875	1992	2080	2191	2238	2267	2350	2375	2410	9.3%	
Nuclear Power	675	644	656	679	684	689	694	698	699	693	697	696	690	688	684	678	676	669	665	658	649	629	621	620	625	-0.3%	
Pumped Storage	-2	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	1.3%
Renewable Sources 2/	392	391	358	362	366	367	371	374	377	392	398	408	418	426	438	454	473	498	526	554	595	635	672	713	755	2.8%	
Total	3191	3187	3295	3392	3415	3503	3572	3630	3710	3593	3588	3567	3574	3598	3647	3726	3771	3827	3879	3929	3985	4023	4067	4107	4138	1.1%	
Non-Utility Gen. for Own Use	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	-0.7%	
Cogenerators 3/																											
Coal	51	51	52	52	52	52	52	52	52	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	-0.1%	
Petroleum	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	9	9	10	10	1.9%	
Natural Gas	196	199	200	207	208	210	211	212	214	227	230	233	237	238	240	242	244	246	244	243	241	239	238	237	237	0.8%	
Other Gaseous Fuels 4/	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	0.0%	
Renewable 2/	42	42	42	43	44	45	46	47	48	48	49	49	51	51	52	54	55	56	56	57	57	58	58	59	59	1.5%	
Other 5/	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	-0.0%	
Total	305	309	311	318	321	323	326	327	330	342	345	349	355	356	360	363	366	368	367	367	366	366	366	366	367	0.8%	
Sales to Utilities	156	159	159	159	160	160	160	161	161	163	163	164	165	165	165	166	166	167	167	167	167	167	167	167	167	0.3%	
Generation for Own Use	149	150	151	159	161	163	165	167	169	179	182	185	190	192	194	197	199	202	201	200	200	200	200	200	200	1.2%	
Net Imports 6/	38	34	32	25	78	81	82	89	89	21	13	12	10	11	10	10	8	6	5	4	4	4	4	4	4	-8.7%	
Electricity Sales by Sector																											
Residential	1079	1058	1115	1140	1182	1218	1237	1257	1283	1218	1216	1213	1216	1223	1237	1259	1278	1295	1317	1342	1369	1382	1403	1422	1442	1.2%	
Commercial	988	998	1029	1054	1073	1090	1107	1124	1146	1076	1068	1055	1046	1052	1061	1080	1088	1104	1122	1140	1155	1162	1171	1175	1177	0.7%	
Industrial	1014	1036	1049	1085	1100	1131	1162	1186	1218	1180	1180	1179	1196	1205	1229	1263	1283	1300	1309	1315	1328	1339	1349	1364	1375	1.3%	
Transportation	17	17	18	18	18	19	19	21	23	24	25	26	27	28	29	30	31	31	32	33	33	34	35	35	36	3.1%	
Total	3098	3110	3210	3297	3373	3458	3525	3588	3669	3498	3489	3473	3485	3508	3556	3632	3680	3731	3780	3829	3885	3918	3959	3996	4029	1.1%	
End-Use Prices (1996 cents/kwh)7/																											
Residential	8.3	8.2	8.0	7.8	7.7	7.7	7.7	7.6	7.6	9.9	10.6	11.3	11.8	11.9	12.1	11.8	11.9	11.9	11.8	11.6	11.5	11.5	11.5	11.5	11.6	1.4%	
Commercial	7.5	7.4	7.2	7.1	7.0	7.0	6.9	6.9	6.8	9.1	9.8	10.5	11.0	11.1	11.2	11.0	11.1	11.1	10.9	10.7	10.6	10.6	10.5	10.6	10.7	1.5%	
Industrial	4.6	4.5	4.3	4.3	4.2	4.2	4.2	4.1	4.1	5.4	5.8	6.2	6.5	6.6	6.6	6.4	6.5	6.5	6.4	6.2	6.2	6.1	6.1	6.2	6.2	1.3%	
Transportation	5.2	5.2	5.1	5.1	5.0	5.0	4.8	4.8	4.7	4.9	5.1	5.2	5.4	5.3	5.4	5.3	5.2	5.1	5.1	5.0	4.9	4.9	4.8	4.8	4.8	-0.3%	
All Sectors Average	6.8	6.7	6.5	6.4	6.3	6.3	6.3	6.2	6.2	8.1	8.7	9.3	9.7	9.8	9.9	9.6	9.7	9.7	9.6	9.4	9.3	9.3	9.3	9.4	9.4	1.3%	

1/ Includes grid-connected generation at all utilities and nonutilities except for cogenerators. Includes small power producers, exempt wholesale generators, and generators at industrial and commercial facilities which provide electricity for on-site use and for sales to utilities.

2/ Includes conventional hydroelectric, geothermal, wood, wood waste, municipal solid waste, landfill gas, other biomass, solar, and wind power.

3/ Cogenerators produce electricity and other useful thermal energy. Includes sales to utilities and generation for own use.

4/ Other gaseous fuels include refinery and still gas.

5/ Other includes hydrogen, sulfur, batteries, chemicals, fish oil, and spent sulfite liquor.

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

7/ Prices represent average revenue per kilowatthour.

Note: Totals may not equal sum of components due to independent rounding.

Sources: 1996 commercial and transportation sales derived from: Total transportation plus commercial sales come from Energy Information Administration (EIA), State Energy Data Report 1994. Online.

<http://ftp.eia.doe.gov/pub/state.data/021494.pdf> (August 26, 1997), but individual sectors do not match because sales taken from commercial and placed in transportation, according to Oak Ridge National Laboratories, Transportation Energy Data Book 16 (July 1996) which indicates the transportation value should be higher. 1996 generation by electric utilities, nonutilities, and cogenerators, net electricity imports, residential sales, and industrial sales: EIA, Annual Energy Review 1996, DOE/EIA-0384(96) (Washington, DC, July 1997). 1996 residential electricity prices derived from EIA, Short Term Energy Outlook, August 1997, Online. <http://www.eia.doe.gov/emeu/steo/pub/upd/aug97/index.html> (August 21, 1997). 1996 electricity prices for commercial, industrial, and transportation; price components; and projections: EIA, AEO98 National Energy Modeling System run HMA09.D080598A.

Table 9. Electricity Generating Capability (Thousand Megawatts)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Net Summer Capability 1/																										
Electric Generators 2/																										
Capability																										
Coal Steam	303.7	301.9	301.7	301.7	302.4	302.4	302.3	302.3	302.4	302.1	301.8	301.6	301.2	293.0	266.0	243.5	221.2	204.6	192.5	186.7	180.4	173.9	168.3	162.9	159.0	-2.7%
Other Fossil Steam 3/	136.6	136.0	135.8	135.7	135.5	135.2	134.9	132.9	130.6	127.2	123.6	118.5	116.2	109.0	107.2	105.3	100.3	93.4	83.5	74.8	71.3	65.9	62.9	60.4	58.3	-3.5%
Combined Cycle	15.2	15.8	16.5	16.5	22.9	32.8	41.5	50.2	62.6	78.6	99.7	123.2	147.0	171.5	194.8	217.9	239.8	260.5	278.5	295.1	311.8	327.2	338.1	347.3	353.9	14.0%
Combustion Turbine/Diesel	61.7	67.4	76.1	82.0	88.5	95.0	100.8	105.1	110.4	109.6	108.8	108.7	108.7	109.0	109.4	110.7	112.0	113.1	113.3	114.3	114.7	116.3	118.2	119.6	121.3	2.9%
Nuclear Power	100.8	99.1	96.1	96.1	96.1	96.1	96.1	96.1	95.4	95.4	95.4	94.6	94.6	94.6	93.4	93.4	92.7	91.8	90.1	88.2	85.2	84.1	84.1	84.1	84.1	-0.8%
Pumped Storage	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	-0.1%
Fuel Cells	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Renewable Sources 4/	87.8	88.0	88.5	90.2	90.4	90.7	91.7	92.6	93.4	94.8	96.4	98.5	101.0	103.3	106.2	109.8	114.2	119.9	126.0	132.5	141.3	149.5	157.0	164.6	172.2	2.8%
Total	725.6	728.1	734.7	742.1	755.7	772.1	787.2	799.2	814.7	827.5	845.5	864.7	888.2	900.1	896.4	900.1	899.8	902.9	903.5	911.1	924.2	936.4	948.1	958.4	968.3	1.2%
Cumulative Planned Additions 5/																										
Coal Steam	2.1	2.1	2.1	2.1	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.3%
Other Fossil Steam 3/	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.4%
Combined Cycle	2.0	2.2	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	1.5%
Combustion Turbine/Diesel	3.8	4.9	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	1.3%
Nuclear Power	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	N/A
Pumped Storage	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	N/A
Fuel Cells	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Renewable Sources 4/	0.7	0.8	1.2	2.8	2.8	2.9	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	6.3%
Total	11.1	12.4	13.5	15.2	16.1	16.2	16.3	16.3	16.3	16.3	16.3	16.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	1.7%
Cumulative Unplanned Additions 5/																										
Coal Steam	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Other Fossil Steam 3/	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Combined Cycle	0.0	0.0	0.0	0.0	6.4	16.2	25.0	33.7	46.1	62.0	83.1	106.4	130.2	154.7	178.0	201.2	223.0	243.8	261.8	278.3	295.0	310.4	321.5	330.8	337.3	N/A
Combustion Turbine/Diesel	5.8	10.4	18.9	24.9	31.3	37.9	43.7	48.3	53.6	53.6	53.6	53.6	53.8	54.2	54.9	56.2	57.6	58.6	58.9	59.8	60.4	62.0	63.9	65.3	66.9	10.7%
Nuclear Power	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Pumped Storage	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fuel Cells	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Renewable Sources 4/	0.8	0.9	0.9	0.9	1.0	1.2	2.0	2.9	3.8	5.2	6.8	8.9	11.3	13.6	16.6	20.3	24.7	30.5	36.7	43.1	52.0	60.2	67.7	75.4	83.0	21.2%
Total	6.6	11.3	19.8	25.8	38.7	55.3	70.7	84.9	103.5	120.8	143.5	169.0	195.3	222.6	249.5	277.7	305.3	332.9	357.3	381.3	407.4	432.6	453.2	471.6	487.3	19.6%
Cumulative Total Additions	17.7	23.7	33.3	41.0	54.8	71.5	87.0	101.2	119.8	137.1	159.8	185.5	211.9	239.2	266.1	294.4	322.0	349.5	374.0	398.0	424.1	449.3	469.8	488.2	504.0	15.0%
Cumulative Retirements 6/	15.2	20.4	23.7	23.9	24.3	24.5	25.1	27.5	30.6	35.1	39.9	46.4	49.4	64.7	95.2	119.8	147.7	172.2	195.6	211.9	225.0	237.9	246.8	254.8	260.7	12.6%

Table 9. Electricity Generating Capability (Thousand Megawatts)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Net Summer Capability 1/																										
Cogenerators 7/																										
Capability																										
Coal	9.2	9.2	9.7	9.9	9.9	9.9	9.9	10.0	10.0	9.9	9.9	9.9	10.0	10.0	10.0	10.1	10.1	10.1	10.1	10.1	10.2	10.2	10.2	10.2	10.2	0.4%
Petroleum	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.6%
Natural Gas	31.4	31.7	32.3	33.9	34.1	34.4	34.6	34.7	35.0	36.7	37.1	37.5	38.1	38.3	38.6	38.9	39.1	39.3	39.2	39.0	38.9	38.8	38.8	38.8	38.8	0.9%
Other Gaseous Fuels	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	-0.1%
Renewables 4/	5.9	5.9	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.0	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.8	7.9	7.9	8.0	8.0	8.1	1.4%
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Total	48.8	49.1	50.9	52.7	53.1	53.4	53.8	54.0	54.4	56.0	56.5	57.0	57.8	58.0	58.5	58.9	59.3	59.7	59.6	59.5	59.5	59.5	59.5	59.5	59.7	0.8%
Cumulative Additions 5/	18.2	18.5	20.2	22.1	22.4	22.8	23.1	23.4	23.7	25.4	25.8	26.3	27.1	27.4	27.8	28.3	28.6	29.0	28.9	28.9	28.8	28.9	28.9	28.9	29.0	2.0%

1/ Net summer capability is the steady hourly output that generating equipment is expected to supply to system load (exclusive of auxiliary power), as demonstrated by tests during summer peak demand.

2/ Includes grid-connected utilities and nonutilities except for cogenerators. Includes small power producers, exempt wholesale generators, and generators at industrial and commercial facilities which produce electricity for on-site use and sales to utilities.

3/ Includes oil-, gas-, and dual-fired capability.

4/ Includes conventional hydroelectric, geothermal, wood, wood waste, municipal solid waste, landfill gas, other biomass, solar and wind power.

5/ Cumulative additions after December 31, 1995. Non-zero utility planned additions in 1995 indicate units operational in 1995 but not supplying power to the grid.

6/ Cumulative total retirements from 1990.

7/ Nameplate capacity is reported for nonutilities on Form EIA-867, "Annual Power Producer Report." Nameplate capacity is designated by the manufacturer. The nameplate capacity has been converted to the net summer capability based on historic relationships.

N/A = Not applicable.

Notes: Totals may not equal sum of components due to independent rounding. Net summer capability has been estimated for nonutility generators for AEO98. Net summer capacity is used to be consistent with electric utility capacity estimates. Data for electric utility capacity are the most recent data available as of August 25, 1997. Therefore, capacity estimates may differ from other Energy Information Administration sources.

Sources: 1996 net summer capability at electric utilities and planned additions: Energy Information Administration (EIA), Form EIA-860, "Annual Electric Generator Report." Net summer capability for nonutilities and cogeneration in 1996 and planned additions estimated based on EIA, Form EIA-867, "Annual Nonutility Power Producer Report." Projections: EIA, AEO98 National Energy Modeling System run HMA09.D080598A.

Table 10. Electricity Trade (Billion Kilowatthours, Unless Otherwise Noted)																								1996-2020			
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020		
Interregional Electricity Trade																											
Gross Domestic Firm Power Sales	173.4	167.9	161.7	159.9	149.3	143.4	142.7	141.4	141.6	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	-0.9%	
Gross Domestic Economy Sales	54.6	73.3	74.9	77.8	81.7	82.1	84.3	88.0	87.4	47.7	38.0	33.5	27.6	24.6	21.4	31.2	35.7	38.9	44.4	50.7	58.3	54.4	48.6	46.6	46.8	-0.6%	
Gross Domestic Trade	228.0	241.2	236.6	237.7	231.0	225.5	227.0	229.4	229.1	186.9	177.2	172.7	166.8	163.8	160.7	170.4	174.9	178.1	183.6	190.0	197.6	193.6	187.8	185.8	186.0	-0.8%	
Gross Domestic Firm Power Sales																											
(million 1996 dollars)	8050	7795	7507	7425	6932	6656	6623	6563	6576	6463	6463	6463	6463	6463	6463	6463	6463	6463	6463	6463	6463	6463	6463	6463	6463	6463	-0.9%
Gross Domestic Economy Sales																											
(million 1996 dollars)	1279	1649	1583	1690	1809	1833	1850	1922	1912	2071	1905	1969	1727	1576	1413	1945	2225	2413	2637	2926	3306	3017	2734	2693	2711	3.2%	
Gross Domestic Sales																											
(million 1996 dollars)	9329	9444	9090	9115	8741	8488	8474	8485	8488	8534	8368	8432	8190	8038	7876	8408	8688	8876	9100	9389	9769	9480	9197	9156	9174	-0.1%	
International Electricity Trade																											
Firm Power Imp. From Can.&Mex. 1/	26.1	22.1	21.5	19.8	70.6	66.8	66.8	77.2	75.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	-6.2%
Economy Imp. From Canada&Mex. 1/	20.7	20.9	20.3	20.4	22.2	29.3	29.8	31.6	33.1	35.8	27.4	27.2	25.3	26.5	25.5	25.1	23.4	21.7	20.4	19.6	19.6	19.6	19.6	19.6	19.6	19.6	-0.2%
Gross Imp. From Canada & Mex. 1/	46.8	43.0	41.7	40.2	92.8	96.1	96.6	108.8	108.7	41.5	33.1	32.9	30.9	32.1	31.1	30.8	29.0	27.4	26.0	25.2	25.2	25.2	25.2	25.2	25.2	25.2	-2.5%
Firm Power Exports To Canada&Mex.																											
	2.8	2.7	3.7	8.8	8.3	8.3	8.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	6.7%
Economy Exports To Canada & Mex.																											
	6.4	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.9	7.0	7.1	7.2	7.4	7.5	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	0.7%
Gross Exports To Canada & Mex.																											
	9.3	8.8	9.9	15.1	14.7	14.8	15.0	20.1	20.2	20.3	20.5	20.6	20.7	20.9	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	3.5%

1/ Historically electric imports were primarily from renewable resources, principally hydroelectric.

Note: Totals may not equal sum of components due to independent rounding. Firm Power Sales are capacity sales, meaning the delivery of the power is scheduled as part of the normal operating conditions of the affected electric systems. Economy Sales are subject to curtailment or cessation of delivery by the supplier in accordance with prior agreements or under specified conditions.

Sources: 1996 interregional electricity trade data: Energy Information Administration (EIA), Bulk Power Data System. 1996 international electricity trade data: DOE Form FE-718R, "Annual Report of International Electrical Export/Import Data." Firm/economy share: National Energy Board, Annual Report 1993. Planned interregional and international firm power sales: DOE Form IE-411, "Coordinated Bulk Power Supply Program Report," April 1995. Projections: EIA, AEO98 National Energy Modeling System run HMAC09.D080598A.

Table 11. Petroleum Supply and Disposition Balance (Million Barrels per Day, Unless Otherwise Noted)																								1996-2020		
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Crude Oil																										
Domestic Crude Production 1/	6.48	6.41	6.39	6.34	6.27	6.20	6.14	6.11	6.08	6.04	6.01	5.97	5.92	5.87	5.81	5.75	5.68	5.63	5.53	5.45	5.36	5.28	5.20	5.12	5.04	-1.0%
Alaska	1.40	1.30	1.21	1.17	1.13	1.09	1.05	1.02	0.97	0.93	0.89	0.86	0.82	0.78	0.74	0.71	0.68	0.65	0.62	0.59	0.56	0.54	0.51	0.49	0.47	-4.4%
Lower 48 States	5.08	5.11	5.18	5.16	5.14	5.11	5.09	5.09	5.10	5.11	5.11	5.11	5.10	5.09	5.07	5.04	5.01	4.98	4.92	4.86	4.80	4.74	4.68	4.63	4.57	-0.4%
Net Imports	7.40	7.81	7.94	8.74	8.84	9.20	9.59	9.79	9.97	10.01	10.06	10.11	10.16	10.16	10.33	10.44	10.55	10.66	10.82	10.95	11.10	11.23	11.34	11.53	11.66	1.9%
Gross Imports	7.51	7.91	8.04	8.79	8.99	9.35	9.74	9.94	10.12	10.16	10.21	10.23	10.26	10.22	10.42	10.59	10.65	10.76	10.86	10.95	11.10	11.23	11.35	11.53	11.71	1.9%
Exports	0.11	0.10	0.10	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.12	0.10	0.07	0.08	0.15	0.10	0.10	0.03	0.00	0.00	0.00	0.01	0.00	0.05	-3.2%
Other Crude Supply 2/	0.33	0.22	0.27	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total Crude Supply	13.87	14.22	14.33	15.08	15.11	15.40	15.73	15.90	16.05	16.05	16.07	16.08	16.09	16.03	16.15	16.19	16.23	16.29	16.36	16.40	16.46	16.51	16.54	16.65	16.70	0.8%
Natural Gas Plant Liquids	1.83	1.84	1.86	1.87	1.85	1.84	1.89	1.91	1.96	2.08	2.15	2.27	2.33	2.39	2.45	2.48	2.53	2.58	2.62	2.68	2.69	2.71	2.76	2.78	2.80	1.8%
Other Inputs 3/	0.39	0.32	0.30	0.33	0.33	0.35	0.34	0.34	0.34	0.33	0.34	0.34	0.35	0.37	0.30	0.37	0.39	0.39	0.37	0.38	0.41	0.39	0.44	0.45	0.48	0.9%
Refinery Processing Gain 4/	0.84	0.84	0.86	0.80	0.81	0.83	0.84	0.85	0.86	0.85	0.83	0.82	0.81	0.81	0.81	0.78	0.79	0.80	0.80	0.80	0.80	0.79	0.75	0.70	0.71	-0.7%
Net Product Imports 5/	1.10	1.24	1.35	1.33	1.61	1.70	1.70	1.81	1.94	1.68	1.71	1.54	1.61	1.73	1.88	2.14	2.32	2.46	2.65	2.74	3.01	3.41	3.45	3.65	3.64	5.1%
Gross Refined Prod. Imports	1.39	1.49	1.58	1.52	1.80	1.87	1.78	1.87	1.97	1.75	1.79	1.60	1.66	1.91	1.92	2.05	2.16	2.33	2.51	2.67	2.79	3.23	3.29	3.49	3.35	3.7%
Unfinished Oil Imports	0.37	0.39	0.41	0.57	0.57	0.65	0.72	0.74	0.80	0.74	0.73	0.73	0.74	0.67	0.78	0.82	0.86	0.86	0.89	0.87	0.99	0.96	0.95	0.97	1.03	4.4%
Ethers Imported	0.05	0.05	0.05	0.02	0.03	0.02	0.04	0.05	0.06	0.06	0.07	0.07	0.05	0.03	0.05	0.05	0.06	0.06	0.05	0.05	0.06	0.08	0.04	0.03	0.05	-0.2%
Blending Components Imported	0.17	0.17	0.17	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Exports	0.87	0.85	0.85	0.79	0.79	0.84	0.84	0.86	0.88	0.87	0.88	0.86	0.84	0.87	0.86	0.79	0.77	0.79	0.81	0.85	0.83	0.86	0.83	0.84	0.78	-0.5%
Total Primary Supply 6/	18.03	18.46	18.71	19.40	19.71	20.13	20.51	20.81	21.16	21.00	21.10	21.05	21.19	21.32	21.58	21.97	22.24	22.51	22.80	23.00	23.36	23.81	23.94	24.22	24.33	1.3%
Refined Petrol. Products Supp.																										
Motor Gasoline 7/	7.99	8.12	8.25	8.41	8.55	8.71	8.87	9.01	9.15	9.10	9.04	8.96	8.90	8.85	8.88	8.92	8.94	8.96	9.05	9.12	9.20	9.30	9.35	9.41	9.46	0.7%
Jet Fuel 8/	1.58	1.61	1.63	1.81	1.86	1.91	1.97	2.03	2.10	2.12	2.15	2.17	2.22	2.27	2.33	2.42	2.48	2.54	2.61	2.67	2.74	2.81	2.86	2.91	2.96	2.6%
Distillate Fuel 9/	3.32	3.48	3.52	3.58	3.64	3.71	3.78	3.83	3.90	3.83	3.84	3.85	3.90	3.92	3.98	4.05	4.11	4.17	4.23	4.21	4.37	4.56	4.52	4.61	4.59	1.4%
Residual Fuel	0.90	0.91	0.82	0.84	0.83	0.87	0.86	0.86	0.84	0.82	0.85	0.83	0.84	0.86	0.87	0.88	0.94	0.95	0.96	0.98	0.99	1.02	1.03	1.04	1.05	0.7%
Other 10/	4.66	4.70	4.70	4.80	4.88	4.97	5.07	5.13	5.22	5.18	5.27	5.29	5.38	5.47	5.59	5.71	5.82	5.93	6.00	6.02	6.13	6.20	6.24	6.29	6.32	N/A
Total	18.45	18.82	18.92	19.45	19.76	20.18	20.56	20.86	21.21	21.05	21.15	21.10	21.24	21.37	21.64	21.98	22.29	22.56	22.85	22.99	23.43	23.89	24.00	24.25	24.37	1.2%
Refined Petrol. Products Supp.																										
Residential and Commercial	1.13	1.13	1.10	1.09	1.09	1.08	1.08	1.07	1.07	1.01	0.99	0.97	0.96	0.95	0.95	0.95	0.94	0.94	0.94	0.94	0.94	0.94	0.93	0.93	0.92	-0.9%
Industrial 11/	4.87	4.91	4.90	5.00	5.08	5.19	5.30	5.36	5.44	5.41	5.51	5.53	5.63	5.72	5.86	5.99	6.15	6.28	6.34	6.36	6.47	6.56	6.60	6.65	6.68	1.3%
Transportation	12.12	12.42	12.65	13.07	13.33	13.62	13.94	14.20	14.49	14.48	14.49	14.47	14.54	14.58	14.74	14.96	15.10	15.23	15.42	15.59	15.77	15.97	16.10	16.24	16.38	1.3%
Electric Generators 12/	0.33	0.36	0.27	0.29	0.26	0.28	0.25	0.23	0.21	0.15	0.16	0.13	0.12	0.11	0.10	0.09	0.10	0.12	0.15	0.10	0.25	0.42	0.36	0.44	0.39	0.7%
Total	18.45	18.82	18.92	19.45	19.76	20.18	20.56	20.86	21.21	21.05	21.15	21.10	21.24	21.37	21.64	21.98	22.29	22.56	22.85	22.99	23.43	23.89	24.00	24.25	24.37	1.2%
Discrepancy 13/	-0.42	-0.36	-0.21	-0.05	-0.04	-0.05	-0.05	-0.05	-0.06	-0.05	-0.05	-0.06	-0.05	-0.05	-0.06	-0.02	-0.05	-0.05	-0.05	0.01	-0.07	-0.08	-0.06	-0.03	-0.04	-9.3%

Table 11. Petroleum Supply and Disposition Balance (Million Barrels per Day, Unless Otherwise Noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
World Oil Price (1996 \$/bbl)14/	20.48	18.16	17.98	18.53	19.12	19.43	19.63	19.97	20.21	20.22	20.09	19.94	19.74	19.51	19.31	19.44	19.51	19.66	19.76	19.89	19.94	20.05	20.20	20.36	20.55	0.0%
Imp. Share of Product Supplied	0.46	0.48	0.49	0.52	0.53	0.54	0.55	0.56	0.56	0.56	0.56	0.55	0.55	0.56	0.56	0.57	0.58	0.58	0.59	0.60	0.60	0.61	0.62	0.63	0.63	1.3%
Net Expenditures for Imp. Crude & Petr.Prod.(billion 96\$/year)	62.27	58.72	61.82	68.23	72.76	77.15	81.16	85.35	89.07	87.53	86.64	85.56	85.68	85.11	86.67	89.67	92.07	95.10	98.42	100.50	104.42	108.63	110.68	114.00	115.75	2.6%
Domestic Refinery Distill. Cap.	15.4	15.5	15.6	16.1	16.3	16.6	16.7	16.9	16.9	16.9	16.9	16.9	16.9	16.9	17.0	17.1	17.1	17.2	17.3	17.3	17.4	17.4	17.5	17.6	17.6	0.6%
Capacity Utilization Rate (%)	94.0	94.0	95.0	93.7	92.6	93.0	94.3	94.5	95.3	95.2	95.2	95.3	95.3	94.9	95.1	95.1	95.1	94.9	95.0	95.0	95.1	95.2	95.2	95.2	95.2	0.1%

1/ Includes lease condensate.

2/ Strategic petroleum reserve stock additions plus unaccounted for crude oil and crude stock withdrawals minus crude products supplied.

3/ Includes alcohols, ethers, petroleum product stock withdrawals, domestic sources of blending components, and other hydrocarbons.

4/ Represents volumetric gain in refinery distillation and cracking processes.

5/ Includes net imports of finished petroleum products, unfinished oils, other hydrocarbons, alcohols, ethers, and blending components.

6/ Total crude supply plus natural gas plant liquids, other inputs, refinery processing gain, and net petroleum imports.

7/ Includes ethanol and ethers blended into gasoline.

8/ Includes naphtha and kerosene types.

9/ Includes distillate and kerosene.

10/ Includes aviation gasoline, liquefied petroleum gas, petrochemical feedstocks, lubricants, waxes, asphalt, road oil, still gas, special naphthas, petroleum coke, crude oil product supplied, and miscellaneous petroleum products.

11/ Includes consumption by cogenerators.

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

13/ Balancing item. Includes unaccounted for supply, losses and gains.

14/ Average refiner acquisition cost for imported crude oil.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: 1996 expenditures for imported crude oil and petroleum products based on internal calculations. 1996 product supplied data from Table 2. Other 1996 data: Energy Information Administration (EIA), Petroleum Supply Annual 1996, DOE/EIA-0340(96) (Washington, DC, June 1997). Projections: EIA, AEO98 National Energy Modeling System run HMAC09.D080598A.

Table 12. Petroleum Product Prices (1996 Cents Per Gallon, Unless Otherwise Noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
World Oil Price (\$/bbl)	20.48	18.16	17.98	18.53	19.12	19.43	19.63	19.97	20.21	20.22	20.09	19.94	19.74	19.51	19.31	19.44	19.51	19.66	19.76	19.89	19.94	20.05	20.20	20.36	20.55	0.0%
Delivered Sector Product Prices																										
Residential																										
Distillate Fuel	98.4	96.5	91.5	100.3	101.3	102.2	103.0	103.9	105.2	131.9	141.8	152.2	157.2	159.1	161.1	159.1	163.2	166.0	164.1	161.8	162.7	161.1	163.0	165.2	166.3	2.2%
Liquefied Petroleum Gas	100.0	97.0	96.8	98.5	99.5	101.1	102.8	104.6	105.0	118.2	122.2	128.5	131.1	131.1	132.9	131.8	132.7	134.3	133.7	132.6	133.0	134.3	135.5	136.4	1.3%	
Commercial																										
Distillate Fuel	73.1	69.4	68.9	69.5	70.6	71.4	72.2	73.2	74.5	101.2	110.9	121.4	126.4	128.0	130.4	128.4	132.4	135.2	133.4	131.0	132.1	131.1	133.1	135.2	136.3	2.6%
Residual Fuel	48.4	47.1	47.2	45.0	45.1	46.3	46.2	47.5	47.1	78.2	89.2	102.1	108.0	108.6	111.9	109.3	113.4	117.3	116.5	113.9	113.1	110.4	111.9	114.9	116.2	3.7%
Residual Fuel(\$/bbl)	20.35	19.80	19.80	18.91	18.93	19.45	19.40	19.96	19.78	32.85	37.46	42.90	45.35	45.60	47.01	45.92	47.64	49.26	48.95	47.85	47.50	46.36	47.00	48.24	48.80	3.7%
Industrial 1/																										
Distillate Fuel	76.3	70.5	70.1	69.9	71.0	71.8	72.7	74.1	75.5	102.1	111.6	122.2	127.5	128.7	131.5	129.7	133.7	136.6	134.9	132.5	133.8	133.8	135.8	137.8	139.0	2.5%
Liquefied Petroleum Gas	67.3	48.7	48.6	52.6	53.4	54.9	56.5	58.2	58.5	71.4	75.0	81.2	83.7	83.7	85.3	84.2	85.1	86.6	86.0	84.9	85.6	86.1	87.3	88.5	89.6	1.2%
Residual Fuel	44.8	40.2	40.3	37.9	38.7	39.6	39.9	41.0	41.3	72.7	83.8	96.4	102.3	103.7	107.0	104.9	109.3	112.6	110.7	107.9	108.3	107.3	109.2	111.4	113.2	3.9%
Residual Fuel(\$/bbl)	18.81	16.88	16.93	15.94	16.27	16.65	16.76	17.22	17.33	30.55	35.18	40.49	42.96	43.55	44.94	44.05	45.89	47.31	46.50	45.33	45.47	45.06	45.85	46.80	47.53	3.9%
Transportation																										
Diesel Fuel (Distillate) 2/	123.5	116.1	113.4	114.7	115.5	116.4	117.5	118.9	120.8	146.6	156.1	165.9	171.0	171.2	173.3	170.8	173.4	175.6	173.9	171.2	171.4	171.6	173.2	174.1	174.6	1.5%
Jet Fuel 3/	74.6	64.9	64.5	66.0	67.6	68.9	70.0	71.7	74.5	99.4	108.7	117.5	122.6	123.6	125.6	123.6	127.3	130.2	129.3	127.8	128.3	128.1	130.0	132.3	132.9	2.4%
Motor Gasoline 4/	122.5	118.6	116.2	117.5	119.5	121.4	121.8	123.2	125.4	148.7	157.4	165.4	169.4	169.2	170.8	168.8	171.7	174.3	172.1	169.6	170.4	169.9	171.1	172.1	173.3	1.5%
Liquid Petroleum Gas	109.0	109.2	108.9	108.2	109.1	110.5	112.0	113.6	113.9	126.6	130.3	136.2	138.6	138.2	139.8	138.4	139.1	140.4	139.5	138.2	138.3	137.8	138.9	139.8	140.4	1.1%
Residual Fuel	38.2	38.3	38.3	36.0	37.3	38.2	38.6	39.6	41.1	72.6	84.0	96.0	101.9	103.9	107.0	105.0	109.5	112.4	110.2	107.1	107.2	106.5	108.7	110.5	112.3	4.6%
Residual Fuel(\$/bbl)	16.04	16.09	16.09	15.14	15.66	16.04	16.20	16.62	17.26	30.48	35.27	40.32	42.78	43.64	44.93	44.08	45.98	47.21	46.29	44.98	45.02	44.74	45.66	46.40	47.18	4.6%
E85	141.7	141.8	141.8	138.5	138.9	139.8	140.7	142.8	145.0	149.1	149.2	149.7	150.2	153.5	154.5	153.2	157.1	160.4	159.2	157.0	159.3	161.3	157.2	157.6	160.0	0.5%
M85	89.6	89.6	89.7	87.9	89.0	89.1	91.1	91.9	92.7	105.4	109.7	114.0	115.9	116.2	116.8	116.0	117.6	119.0	118.0	117.1	116.7	116.4	117.1	118.0	118.6	1.2%
Electric Generators 5/																										
Distillate Fuel	68.1	63.5	63.1	63.5	64.7	65.5	66.4	67.7	69.2	97.0	107.0	117.6	123.0	124.3	126.9	125.2	126.6	128.9	127.0	126.7	125.9	124.5	127.1	128.9	130.8	2.8%
Residual Fuel	45.9	41.0	41.0	40.9	42.0	42.5	43.5	44.9	46.3	79.2	89.9	104.2	110.8	112.8	116.7	115.4	120.7	124.4	124.0	123.1	121.5	120.4	123.6	126.0	127.8	4.4%
Residual Fuel(\$/bbl)	19.28	17.23	17.22	17.18	17.65	17.87	18.27	18.87	19.43	33.26	37.75	43.78	46.52	47.36	49.00	48.46	50.69	52.26	52.08	51.68	51.03	50.58	51.90	52.93	53.68	4.4%
Refined Petroleum Prod. Prices 6/																										
Distillate Fuel 2/	108.7	103.2	101.1	103.0	104.0	105.0	106.1	107.5	109.2	135.6	145.1	155.2	160.3	160.9	163.1	160.7	163.6	165.8	163.7	161.4	160.7	159.2	161.4	162.1	163.3	1.7%
Jet Fuel 3/	74.6	64.9	64.5	66.0	67.6	68.9	70.0	71.7	74.5	99.4	108.7	117.5	122.6	123.6	125.6	123.6	127.3	130.2	129.3	127.8	128.3	128.1	130.0	132.3	132.9	2.4%
Liquefied Petroleum Gas	73.6	58.1	58.1	61.8	62.7	64.3	66.0	67.9	68.4	81.6	85.3	91.5	94.0	94.0	95.6	94.5	95.3	96.9	96.3	95.3	95.9	96.2	97.5	98.6	99.6	1.3%
Motor Gasoline 4/	122.5	118.6	116.2	117.3	119.2	121.1	121.6	123.0	125.1	148.5	157.2	165.1	169.2	169.0	170.6	168.6	171.5	174.1	171.9	169.4	170.2	169.7	170.9	171.9	173.1	1.5%
Residual Fuel	42.5	40.2	40.0	38.4	39.3	40.1	40.5	41.5	42.5	74.0	85.2	97.6	103.4	105.1	108.2	106.1	110.4	113.5	111.4	108.4	108.5	107.6	109.6	111.6	113.3	4.2%
Residual Fuel(\$/bbl)	17.87	16.89	16.79	16.11	16.51	16.86	17.00	17.44	17.87	31.08	35.80	40.98	43.42	44.16	45.45	44.54	46.37	47.67	46.80	45.54	45.55	45.18	46.04	46.86	47.57	4.2%
Average	102.8	96.6	95.4	96.7	98.2	99.6	100.4	101.9	103.7	126.2	134.1	142.2	146.0	145.9	147.5	145.4	147.9	150.1	148.3	146.2	146.6	146.1	147.5	148.6	149.6	1.6%

1/ Includes cogenerators. Includes Federal and State taxes while excluding county and state taxes.

2/ Low sulfur diesel fuel. Includes Federal and State taxes while excluding county and local taxes.

3/ Kerosene-type jet fuel.

4/ Sales weighted-average price for all grades. Includes Federal and State taxes while excluding county and local taxes.

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

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

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(96/03-97/04) (Washington, DC, 1996-97). 1996 prices for all other petroleum products are derived from EIA, State Energy Price and Expenditures Report: 1994, DOE/EIA-0376(94) (Washington, DC, June 1997). Projections: EIA, AEO98 National Energy Modeling System run HMAC09.D080598A.

Table 13. Natural Gas Supply and Disposition (Trillion Cubic Feet per Year)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Production																										
Dry Gas Production 1/	19.02	18.38	18.81	20.14	20.03	20.00	20.54	20.84	21.51	22.87	23.70	24.98	25.74	26.37	27.08	27.45	27.93	28.52	29.03	29.66	29.78	29.95	30.51	30.73	31.00	2.1%
Supplemental Natural Gas 2/	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.08	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	-2.3%
Net Imports	2.72	3.03	3.21	3.67	3.93	4.43	4.51	4.65	4.79	5.20	5.34	5.48	5.65	5.77	5.83	5.87	5.97	6.06	6.13	6.28	6.33	6.35	6.39	6.42	6.45	3.7%
Canada	2.76	3.03	3.17	3.59	3.84	4.29	4.31	4.37	4.41	4.63	4.74	4.87	5.01	5.12	5.18	5.21	5.31	5.39	5.46	5.60	5.65	5.66	5.67	5.69	5.72	3.1%
Mexico	-0.02	-0.01	-0.02	-0.02	-0.02	0.00	0.04	0.08	0.15	0.30	0.31	0.31	0.31	0.32	0.32	0.33	0.33	0.34	0.34	0.35	0.35	0.35	0.35	0.36	0.36	N/A
Liquefied Natural Gas	-0.03	0.01	0.05	0.10	0.12	0.14	0.16	0.20	0.23	0.27	0.29	0.29	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.37	0.37	0.37	N/A
Total Supply	21.86	21.54	22.14	23.92	24.07	24.54	25.16	25.60	26.41	28.17	29.15	30.57	31.51	32.23	32.97	33.38	33.96	34.64	35.23	36.00	36.18	36.36	36.97	37.21	37.51	2.3%
Consumption by Sector																										
Residential	5.23	4.92	5.11	5.24	5.30	5.31	5.37	5.41	5.47	5.14	5.05	4.96	4.93	4.88	4.86	4.88	4.88	4.87	4.91	4.93	4.95	4.95	4.95	4.95	4.96	-0.2%
Commercial	3.20	3.18	3.32	3.35	3.40	3.42	3.47	3.50	3.55	3.31	3.21	3.12	3.07	3.05	3.02	3.05	3.01	2.99	3.03	3.06	3.07	3.08	3.08	3.06	3.06	-0.2%
Industrial 3/	8.43	8.66	8.92	9.18	9.21	9.25	9.32	9.35	9.47	9.68	9.70	9.82	9.99	9.97	10.07	10.15	10.06	10.06	10.07	10.10	9.98	9.98	10.04	10.14	10.20	0.8%
Electric Generators 4/	2.98	2.66	3.30	3.72	3.78	4.13	4.52	4.82	5.32	7.30	8.36	9.74	10.52	11.24	11.86	12.10	12.72	13.36	13.81	14.46	14.67	14.79	15.30	15.43	15.64	7.2%
Lease and Plant Fuel 5/	1.25	1.27	1.29	1.36	1.35	1.35	1.38	1.39	1.42	1.50	1.54	1.61	1.65	1.68	1.72	1.75	1.77	1.81	1.84	1.88	1.89	1.90	1.93	1.95	1.97	1.9%
Pipeline Fuel	0.71	0.74	0.75	0.78	0.75	0.75	0.76	0.77	0.79	0.84	0.85	0.89	0.91	0.96	0.97	0.99	1.02	1.05	1.07	1.09	1.10	1.12	1.13	1.13	1.14	2.0%
Transportation 6/	0.01	0.02	0.02	0.04	0.06	0.08	0.11	0.13	0.15	0.17	0.19	0.20	0.21	0.22	0.23	0.24	0.25	0.26	0.27	0.28	0.29	0.30	0.31	0.31	0.32	14.6%
Total	21.82	21.44	22.72	23.67	23.84	24.30	24.92	25.37	26.17	27.94	28.90	30.34	31.27	31.99	32.73	33.16	33.72	34.40	34.99	35.79	35.95	36.12	36.73	36.97	37.28	2.3%
Discrepancy 7/	0.04	0.10	-0.58	0.24	0.23	0.23	0.23	0.23	0.23	0.23	0.25	0.23	0.23	0.23	0.24	0.22	0.23	0.24	0.23	0.21	0.23	0.24	0.24	0.24	0.23	N/A

1/ Marketed production (wet) minus extraction losses.

2/ Synthetic natural gas, propane air, coke oven gas, refinery gas, biomass gas, air injected for Btu stabilization, and manufactured gas commingled and distributed with natural gas.

3/ Includes consumption by cogenerators.

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

5/ Represents natural gas used in the field gathering and processing plant machinery.

6/ Compressed natural gas used as vehicle fuel.

7/ Balancing item. Natural gas lost as a result of converting flow data measured at varying temperatures and pressures to a standard temperature and pressure and the merger of different data reporting systems which vary in scope, format, definition, and respondent type. In addition, 1996 values include net storage injections.

Btu = British thermal unit.

N/A = Not applicable.

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.

Sources: 1996 supplemental natural gas: Energy Information Administration (EIA), Natural Gas Monthly, DOE/EIA-0130(97/6) (Washington, DC, June 1997). 1996 imports and dry gas production derived from: EIA, Natural Gas Annual 1996, DOE/EIA-0131(96) (Washington, DC, November 1997). 1996 transportation sector consumption: EIA, AEO98 National Energy Modeling System run HMA09.D080598A. Other 1996 consumption: EIA, Short-Term Energy Outlook August 1997. Online. <http://www.eia.doe.gov/emeu/steo/pub/upd/aug97/index.html> (August 21, 1997) with adjustments to end-use sector consumption levels for consumption of natural gas by electric wholesale generators based on EIA, AEO98 National Energy Modeling System run HMA09.D080598A. Projections: EIA, AEO98 National Energy Modeling System run HMA09.D080598A.

Table 14. Natural Gas Prices, Margins and Revenues (1996 Dollars per Thousand Cubic Feet, Unless Otherwise Noted)																											
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020	
Source Price																											
Aver. Lower 48 Well. Price ^{1/}	2.24	2.25	2.10	2.14	2.15	2.14	2.16	2.17	2.23	2.34	2.46	2.62	2.79	2.95	3.14	3.34	3.49	3.62	3.73	3.88	3.96	4.03	4.12	4.20	4.30	2.8%	
Average Import Price	1.98	2.05	1.86	2.00	1.92	2.11	2.08	2.17	2.11	2.35	2.46	2.66	2.79	2.99	3.11	3.38	3.53	3.68	3.78	3.94	4.04	4.09	4.19	4.27	4.38	3.4%	
Average 2/ ^{2/}	2.21	2.22	2.07	2.12	2.11	2.13	2.14	2.17	2.21	2.34	2.46	2.63	2.79	2.96	3.13	3.35	3.50	3.63	3.74	3.89	3.98	4.04	4.13	4.21	4.31	2.8%	
Delivered Prices																											
Residential	6.37	6.48	6.05	5.99	5.91	5.97	5.89	5.90	5.88	7.58	8.23	8.96	9.40	9.71	10.03	10.09	10.41	10.68	10.64	10.67	10.68	10.69	10.85	11.03	11.17	2.4%	
Commercial	5.43	5.47	5.06	5.07	5.00	5.06	5.00	5.00	4.98	6.66	7.31	8.03	8.46	8.75	9.05	9.10	9.41	9.65	9.59	9.59	9.56	9.52	9.65	9.79	9.88	2.5%	
Industrial 3/ ^{3/}	3.05	3.13	2.78	2.84	2.84	2.89	2.91	2.95	2.95	4.59	5.26	5.99	6.41	6.74	7.06	7.17	7.50	7.78	7.76	7.81	7.81	7.81	7.95	8.12	8.25	4.2%	
Electric Generators 4/ ^{4/}	2.70	2.75	2.50	2.70	2.59	2.64	2.66	2.70	2.73	4.39	5.09	5.84	6.32	6.67	7.01	7.12	7.47	7.75	7.74	7.80	7.79	7.78	7.93	8.08	8.20	4.7%	
Transportation 5/ ^{5/}	5.57	6.67	6.07	5.88	5.74	5.78	5.77	5.86	5.97	7.72	8.55	9.44	10.03	10.44	10.83	10.94	11.29	11.57	11.56	11.62	11.62	11.63	11.79	11.97	12.12	3.3%	
Average 6/ ^{6/}	4.26	4.31	3.91	3.94	3.89	3.93	3.89	3.91	3.89	5.43	6.05	6.73	7.15	7.46	7.77	7.85	8.18	8.44	8.41	8.45	8.45	8.44	8.57	8.73	8.85	3.1%	
Trans. & Distr. Margins by Sect. ^{7/}																											
Residential	4.17	4.26	3.98	3.87	3.80	3.83	3.75	3.73	3.67	5.24	5.77	6.33	6.61	6.75	6.90	6.75	6.92	7.04	6.89	6.77	6.71	6.65	6.72	6.82	6.85	2.1%	
Commercial	3.23	3.25	3.00	2.95	2.89	2.92	2.85	2.83	2.77	4.31	4.84	5.40	5.67	5.79	5.92	5.75	5.91	6.02	5.84	5.69	5.59	5.48	5.52	5.57	5.57	2.3%	
Industrial 3/ ^{3/}	0.84	0.91	0.72	0.72	0.74	0.76	0.76	0.77	0.74	2.25	2.80	3.36	3.62	3.78	3.93	3.82	4.01	4.15	4.02	3.91	3.84	3.77	3.82	3.91	3.93	6.6%	
Electric Generators 4/ ^{4/}	0.49	0.52	0.43	0.58	0.49	0.51	0.52	0.52	0.52	2.05	2.63	3.21	3.53	3.70	3.88	3.77	3.97	4.12	4.00	3.91	3.82	3.74	3.80	3.87	3.88	9.0%	
Transportation 5/ ^{5/}	3.37	4.45	4.01	3.76	3.63	3.65	3.63	3.69	3.76	5.38	6.09	6.81	7.24	7.48	7.70	7.60	7.79	7.94	7.81	7.72	7.65	7.59	7.67	7.76	7.80	3.6%	
Average 6/ ^{6/}	2.05	2.09	1.85	1.82	1.79	1.79	1.75	1.74	1.68	3.09	3.59	4.10	4.36	4.49	4.63	4.51	4.68	4.81	4.67	4.55	4.47	4.40	4.45	4.52	4.53	3.4%	
Transmission & Distr. Revenue (billion 1996 dollars)																											
Residential	21.81	20.94	20.35	20.30	20.16	20.38	20.15	20.15	20.08	26.96	29.14	31.42	32.57	32.95	33.50	32.95	33.78	34.31	33.82	33.37	33.16	32.88	33.28	33.75	34.01	1.9%	
Commercial	10.34	10.34	9.94	9.91	9.80	10.01	9.89	9.90	9.84	14.26	15.57	16.87	17.43	17.65	17.88	17.54	17.81	18.01	17.69	17.41	17.13	16.91	16.98	17.08	17.01	2.1%	
Industrial 3/ ^{3/}	7.10	7.86	6.40	6.60	6.78	6.99	7.12	7.23	7.01	21.75	27.15	32.94	36.18	37.71	39.59	38.77	40.32	41.69	40.47	39.52	38.30	37.60	38.38	39.62	40.09	7.5%	
Electric Generators 4/ ^{4/}	1.47	1.39	1.42	2.17	1.84	2.11	2.36	2.52	2.77	14.97	21.98	31.23	37.09	41.64	46.04	45.67	50.52	54.99	55.22	56.45	55.97	55.34	58.09	59.68	60.73	16.8%	
Transportation 5/ ^{5/}	0.04	0.07	0.09	0.14	0.20	0.30	0.39	0.49	0.58	0.93	1.13	1.34	1.51	1.64	1.77	1.84	1.97	2.09	2.14	2.19	2.23	2.27	2.35	2.43	2.49	18.7%	
Total	40.76	40.60	38.19	39.11	38.79	39.78	39.91	40.29	40.28	78.86	94.97	113.81	124.78	131.59	138.78	136.77	144.40	151.09	149.34	148.94	146.80	145.01	149.08	152.56	154.33	5.7%	

1/ Represents lower 48 onshore and offshore supplies.

2/ Quantity-weighted average of the average lower 48 wellhead price and the average price of imports at the U.S. border.

3/ Includes consumption by cogenerators.

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

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

6/ Weighted average prices and margins. Weights used are the sectoral consumption values excluding lease, plant, and pipeline fuel.

7/ Within the table, "transmission and distribution" margins equal the difference between the delivered price and the source price (average of the wellhead price and the price of imports at the U.S. border) of natural gas and, thus, reflect the total cost of bringing natural gas to market. When the term "transmission and distribution" margins is used in today's natural gas market, it generally does not include the cost of independent natural gas marketers or costs associated with aggregation of supplies, provisions of storage, and other services. As used here, the term includes the cost of all services and the cost of pipeline fuel used in compressor stations.

Note: Totals may not equal sum of components due to independent rounding.

Sources: 1996 industrial delivered prices based on Energy Information Administration (EIA), Manufacturing Energy Consumption Survey 1991. 1996 residential and commercial delivered prices, average lower 48 wellhead price, and average import price: EIA, Natural Gas Monthly, DOE/EIA-0130(97/06) (Washington, DC, June 1997). Other 1996 values, and projections: EIA, AEO98 National Energy Modeling System run HMAC09.D080598A.

Table 15. Oil and Gas Supply																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Crude Oil																										
Lower 48 Aver. Wellhead Price 1/ (1996\$ per barrel)	19.41	17.23	17.10	17.69	18.32	18.76	19.05	19.41	19.73	19.70	19.68	19.39	19.29	18.92	18.65	18.65	18.62	18.78	18.95	19.06	19.18	19.15	19.33	19.51	19.52	0.0%
Production(mill. barrels/day) 2/																										
U.S. Total	6.48	6.41	6.39	6.34	6.27	6.20	6.14	6.11	6.08	6.04	6.01	5.97	5.92	5.87	5.81	5.75	5.68	5.63	5.53	5.45	5.36	5.28	5.20	5.12	5.04	-1.0%
Lower 48 Onshore	3.76	3.72	3.66	3.59	3.52	3.46	3.42	3.40	3.41	3.41	3.42	3.43	3.45	3.45	3.46	3.46	3.46	3.46	3.42	3.39	3.36	3.33	3.30	3.27	3.24	-0.6%
Conventional	3.15	3.12	3.08	3.01	2.95	2.87	2.83	2.80	2.79	2.77	2.77	2.76	2.76	2.75	2.75	2.74	2.73	2.72	2.71	2.70	2.70	2.69	2.68	2.67	2.67	-0.7%
Enhanced Oil Recovery	0.61	0.59	0.58	0.58	0.58	0.58	0.59	0.60	0.62	0.64	0.66	0.67	0.69	0.70	0.71	0.72	0.73	0.74	0.71	0.69	0.66	0.64	0.62	0.60	0.58	-0.2%
Lower 48 Offshore	1.32	1.40	1.53	1.58	1.62	1.65	1.68	1.69	1.70	1.70	1.69	1.68	1.66	1.63	1.61	1.58	1.55	1.52	1.50	1.47	1.44	1.41	1.38	1.35	1.32	0.0%
Alaska	1.40	1.30	1.21	1.17	1.13	1.09	1.05	1.02	0.97	0.93	0.89	0.86	0.82	0.78	0.74	0.71	0.68	0.65	0.62	0.59	0.56	0.54	0.51	0.49	0.47	-4.4%
L48 End of Yr.Reserve(bill.bbl.)	16.82	16.49	16.15	15.86	15.60	15.45	15.36	15.31	15.33	15.36	15.39	15.42	15.43	15.43	15.43	15.39	15.35	15.33	15.16	15.02	14.87	14.73	14.59	14.46	14.33	-0.7%
Natural Gas																										
Lower 48 Aver. Wellhead Price 1/(1996\$ per thousand cubic feet)	2.24	2.25	2.10	2.14	2.15	2.14	2.16	2.17	2.23	2.34	2.46	2.62	2.79	2.95	3.14	3.34	3.49	3.62	3.73	3.88	3.96	4.03	4.12	4.20	4.30	2.8%
Production (trill. cubic ft.) 3/																										
U.S. Total	19.01	18.38	18.81	20.14	20.03	20.00	20.54	20.84	21.51	22.87	23.70	24.98	25.74	26.37	27.08	27.45	27.93	28.52	29.03	29.66	29.78	29.95	30.51	30.73	31.00	2.1%
Lower 48 Onshore	13.07	12.88	12.85	13.69	13.57	13.53	13.84	14.13	14.56	15.65	16.30	17.30	17.94	18.49	19.00	19.35	19.82	20.38	20.84	21.31	21.38	21.40	21.68	21.69	21.68	2.1%
Associated-Dissolved 4/	1.84	1.84	1.82	1.80	1.74	1.68	1.62	1.58	1.55	1.53	1.51	1.49	1.48	1.47	1.46	1.44	1.43	1.42	1.41	1.39	1.38	1.36	1.35	1.33	1.32	-1.4%
Non-Associated	11.23	11.04	11.02	11.89	11.82	11.84	12.22	12.55	13.01	14.12	14.79	15.81	16.46	17.02	17.55	17.91	18.39	18.96	19.44	19.92	20.00	20.04	20.33	20.35	20.37	2.5%
Conventional	7.96	7.57	7.81	8.35	8.32	8.33	8.66	8.74	9.14	9.80	10.11	10.69	10.99	11.26	11.65	11.81	12.20	12.62	13.05	13.37	13.59	13.59	13.83	13.87	13.88	2.3%
Unconventional	3.27	3.46	3.21	3.54	3.50	3.52	3.56	3.81	3.87	4.32	4.69	5.11	5.47	5.76	5.90	6.10	6.18	6.34	6.39	6.54	6.41	6.45	6.50	6.48	6.49	2.9%
Lower 48 Offshore.	5.50	5.05	5.49	5.96	5.98	5.97	6.18	6.20	6.42	6.69	6.87	7.14	7.26	7.33	7.52	7.53	7.54	7.56	7.61	7.76	7.81	7.95	8.23	8.43	8.70	1.9%
Associated-Dissolved 4/	0.80	0.82	0.84	0.88	0.89	0.90	0.91	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.2%
Non-Associated	4.70	4.23	4.65	5.09	5.08	5.06	5.27	5.28	5.50	5.77	5.94	6.22	6.34	6.42	6.61	6.63	6.64	6.67	6.72	6.88	6.94	7.08	7.37	7.58	7.85	2.2%
Alaska	0.43	0.45	0.47	0.48	0.49	0.50	0.51	0.52	0.53	0.53	0.54	0.54	0.55	0.55	0.56	0.57	0.57	0.58	0.58	0.59	0.59	0.60	0.61	0.61	0.62	1.5%
Lower 48 End of Yr. Reserves(tcf)	157.23	159.78	161.53	162.52	163.51	164.74	165.74	167.10	168.71	170.24	172.08	173.73	175.68	177.93	180.36	183.45	186.63	189.61	192.25	194.52	196.44	197.65	197.72	196.93	195.12	0.9%
Supplemental Gas Supplies(tcf) 5/	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.08	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	-2.3%
Lower 48 Wells (thousands)	22.07	23.52	23.78	24.12	24.24	25.12	26.06	26.61	27.51	28.90	29.95	30.93	31.82	32.67	33.51	34.62	35.59	36.50	37.39	38.28	39.03	39.57	40.08	40.73	41.36	2.7%

Ft. = feet.

1/ Represents lower 48 onshore and offshore supplies.

2/ Includes lease condensate.

3/ Market production (wet) minus extraction losses.

4/ Gas which occurs in crude oil reserves either as free gas (associated) or as gas in solution with crude oil (dissolved).

5/ Synthetic natural gas, propane air, coke oven gas, refinery gas, biomass gas, air injected for Btu stabilization, and manufactured gas commingled and distributed with natural gas.

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.

Sources: 1996 crude oil lower 48 average wellhead price: Energy Information Administration (EIA), Office of Integrated Analysis and Forecasting. 1996 total wells completed: EIA, Office of Integrated Analysis and Forecasting. 1996 lower 48 onshore, lower 48 offshore, Alaska crude oil production: EIA, Petroleum Supply Annual 1996, DOE/EIA-0340(96) (Washington, DC, June 1997). 1996 natural gas lower 48 average wellhead price, Alaska and total natural gas production, and supplemental gas supplies. EIA, Natural Gas Monthly, DOE/EIA-0130(97/06) (Washington, DC, June 1997). Other 1996 values: EIA, Office of Integrated Analysis and Forecasting. Projections: EIA, AEO98 National Energy Modeling System run HMAC09.D080598A.

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Production 1/																										
Appalachia	452	465	465	481	472	460	463	459	458	402	371	344	320	299	285	280	266	251	236	227	214	205	195	185	176	-3.8%
Interior	173	169	164	167	165	162	154	152	149	141	121	102	90	79	75	83	75	69	62	56	49	40	35	31	26	-7.5%
West	439	453	504	505	520	556	567	577	581	398	334	270	230	199	180	178	149	128	121	106	93	81	75	69	64	-7.7%
East of the Mississippi	564	572	564	583	568	554	555	549	546	503	467	429	396	366	348	349	330	310	290	276	256	238	223	209	197	-4.3%
West of the Mississippi	500	515	568	569	589	623	629	639	642	438	358	287	243	211	193	192	160	138	129	114	100	88	82	75	69	-7.9%
Total	1064	1087	1132	1152	1157	1178	1184	1188	1188	941	825	716	640	577	541	541	490	448	419	390	356	326	304	284	266	-5.6%
Net Imports																										
Imports	7	7	7	7	7	7	7	7	6	6	6	5	5	5	4	4	4	4	4	4	4	4	4	4	4	-2.1%
Exports	90	87	88	88	89	90	91	90	90	89	89	89	89	89	89	89	89	90	90	91	91	92	92	93	93	0.1%
Total	-83	-80	-81	-81	-81	-83	-84	-83	-83	-83	-83	-84	-84	-85	-85	-85	-85	-85	-86	-86	-87	-87	-88	-88	-89	0.3%
Total Supply 2/	981	1007	1051	1071	1075	1095	1100	1104	1105	857	742	632	556	492	456	457	405	363	333	304	270	239	217	195	177	-6.9%
Consumption by Sector																										
Residential and Commercial	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	-0.9%
Industrial 3/	70	69	70	71	72	74	76	77	79	54	50	47	46	47	47	49	50	50	51	52	54	55	55	56	56	-0.9%
Coke Plants	32	32	32	32	31	30	30	29	29	28	27	25	24	23	22	21	20	20	19	18	17	16	16	15	14	-3.3%
Electric Generators 4/	896	901	952	963	967	986	989	992	992	772	669	552	483	424	385	379	332	290	259	226	195	164	143	120	104	-8.6%
Total	1003	1008	1060	1072	1076	1096	1101	1105	1106	860	751	629	559	499	459	455	406	364	333	301	271	240	219	196	179	-6.9%
Discrepancy & Stock Change 5/	-23	-1	-9	-1	-1	-1	-1	-1	-1	-3	-9	3	-3	-7	-4	2	-1	-2	-0	2	-1	-2	-2	-0	-2	N/A
Average Minemouth Price																										
(1996 dollars per short ton)	18.50	18.21	17.46	17.21	16.81	16.14	15.87	15.59	15.43	16.17	16.39	16.72	16.75	16.87	16.91	16.85	17.11	17.23	17.12	17.31	17.41	17.59	17.67	17.83	17.88	-0.1%
(1996\$ per million Btu)	0.87	0.86	0.83	0.81	0.80	0.77	0.76	0.75	0.74	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.77	0.77	0.77	-0.5%
Deliv. Price(1996\$/short ton) 6/																										
Industrial	32.28	31.14	30.60	30.22	29.89	29.54	29.24	28.97	28.75	86.05	106.5	128.2	139.0	144.2	149.5	144.5	151.1	155.9	151.0	146.7	143.2	140.3	142.2	145.1	145.6	6.5%
Coke Plants	47.33	46.99	46.37	45.80	45.35	44.87	44.65	44.32	43.98	112.4	136.9	162.8	175.7	181.9	188.2	182.4	190.5	196.3	190.4	185.5	181.6	178.3	180.8	184.5	185.4	5.9%
Electric Generators																										
(1996 dollars / short ton)	26.45	25.76	25.25	24.90	24.66	24.26	24.08	23.81	23.64	76.65	96.97	118.5	128.9	134.3	139.4	134.5	141.8	147.1	141.8	138.2	134.5	131.8	132.8	136.1	136.3	7.1%
(1996 dollars /million Btu)	1.29	1.25	1.23	1.22	1.21	1.20	1.19	1.18	1.17	3.73	4.65	5.62	6.10	6.34	6.58	6.35	6.65	6.86	6.64	6.44	6.28	6.14	6.23	6.38	6.41	6.9%
Average	27.52	26.81	26.25	25.87	25.61	25.19	25.00	24.72	24.53	78.41	99.04	121.0	131.8	137.5	142.9	137.9	145.4	151.0	146.0	142.5	139.3	137.0	138.7	142.5	143.3	7.1%
Exports 7/	40.77	40.22	39.58	39.01	38.48	37.93	37.53	37.37	37.11	36.74	36.41	36.11	36.07	35.67	35.56	35.32	35.04	34.75	34.44	34.26	34.00	33.80	33.58	33.38	33.11	-0.9%

1/ Includes anthracite, bituminous coal, and lignite.

2/ Production plus net imports and net storage withdrawals.

3/ Includes consumption by cogenerators.

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

5/ Balancing item: the sum of production, net imports, and net storage minus total consumption.

6/ Sectoral prices weighted by consumption tonnage; weighted average excludes residential/ commercial prices and export free-alongside-ship (f.a.s.) prices.

7/ F.a.s. price at U.S. port of exit.

N/A = Not applicable.

Btu = British thermal unit.

Note: Totals may not equal sum of components due to independent rounding.

Sources: 1996 data derived from: Energy Information Administration (EIA), Coal Industry Annual 1996, DOE/EIA-0584(96) (Washington, DC, November 1997). Projections: EIA, AEO98 National Energy Modeling System run HMAC09.D080598A.

Table 17. Renewable Energy Generating Capability and Generation (Thousand Megawatts, Unless Otherwise Noted)																								1996- 2020		
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Electricity																										
Elect.Generators (excl.cogen) 1/																										
Net Summer Capability(gigawatt)																										
Conventional Hydropower	77.66	77.86	78.07	79.34	79.39	79.41	79.49	79.62	79.67	79.74	79.91	79.91	79.91	79.91	79.91	79.91	79.91	80.74	80.74	80.74	80.74	80.74	80.75	80.78	80.86	0.2%
Geothermal 2/	3.02	3.02	3.02	3.02	3.02	3.05	3.13	3.12	3.09	3.21	3.15	3.59	3.91	3.93	3.97	4.35	4.76	4.90	5.22	5.28	5.52	6.02	6.17	6.33	6.65	3.3%
Municipal Solid Waste 3/	3.26	3.29	3.33	3.37	3.42	3.46	3.51	3.56	3.61	3.69	3.76	3.83	3.91	4.01	4.09	4.18	4.27	4.35	4.42	4.48	4.55	4.58	4.62	4.64	4.67	1.5%
Wood and Other Biomass 4/	1.64	1.64	1.64	1.64	1.64	1.71	1.76	1.76	1.76	2.25	2.69	3.16	3.68	4.20	4.94	5.80	7.05	8.67	11.00	13.21	16.85	20.29	23.75	28.07	32.51	13.2
Solar Thermal	0.36	0.36	0.36	0.36	0.36	0.37	0.37	0.37	0.37	0.38	0.38	0.39	0.43	0.43	0.44	0.45	0.46	0.47	0.48	0.48	0.49	0.51	0.52	0.53	0.54	1.7%
Solar Photovoltaic	0.01	0.01	0.01	0.01	0.02	0.02	0.03	0.05	0.06	0.08	0.10	0.12	0.17	0.20	0.22	0.25	0.28	0.31	0.35	0.38	0.42	0.45	0.49	0.52	0.56	18.0
Wind	1.85	1.86	2.09	2.48	2.55	2.66	3.37	4.11	4.84	5.49	6.40	7.55	9.01	10.66	12.63	14.87	17.44	20.44	23.80	27.88	32.69	36.89	40.70	43.70	46.40	14.4
Total	87.81	88.04	88.52	90.23	90.41	90.69	91.66	92.59	93.40	94.84	96.39	98.54	101.0	103.3	106.2	109.8	114.1	119.8	126.0	132.4	141.2	149.4	156.9	164.5	172.1	2.8%
Generation																										
Conventional Hydropower	346.2	338.3	304.0	307.3	310.3	310.3	310.8	311.6	312.1	312.5	313.4	313.4	313.4	313.4	313.4	313.5	313.5	317.5	317.5	317.5	317.6	317.6	317.7	318.1	-0.4%	
Geothermal 2/	15.70	17.23	17.23	17.24	17.25	17.50	18.24	18.44	18.42	19.29	19.11	22.18	24.32	24.45	24.98	27.87	30.73	31.92	34.37	34.80	36.84	40.34	41.38	43.03	45.24	4.5%
Municipal Solid Waste 3/	18.85	21.98	22.25	22.56	22.87	23.19	23.53	23.88	24.23	24.78	25.24	25.70	26.27	26.96	27.49	28.11	28.73	29.28	29.78	30.21	30.64	30.90	31.13	31.32	31.48	2.2%
Wood and Other Biomass 4/	7.27	8.74	8.85	8.85	8.85	9.16	9.37	9.37	9.37	20.18	23.04	25.41	28.34	31.34	36.11	41.89	50.16	61.03	77.01	92.21	117.3	140.8	164.8	194.9	225.7	15.4
Solar Thermal	0.82	0.92	0.92	0.92	0.92	0.92	0.93	0.94	0.95	0.96	0.97	0.99	1.11	1.13	1.15	1.18	1.21	1.24	1.27	1.30	1.33	1.37	1.40	1.44	1.47	2.5%
Solar Photovoltaic	0.00	0.03	0.04	0.04	0.05	0.07	0.09	0.13	0.16	0.20	0.25	0.30	0.48	0.54	0.60	0.68	0.75	0.83	0.92	1.00	1.09	1.18	1.27	1.36	1.45	29.4
Wind	3.17	3.92	4.51	5.50	5.67	5.96	7.76	9.80	11.83	13.65	16.26	19.58	23.61	28.36	34.02	40.54	47.69	55.76	64.97	76.65	90.47	102.8	114.2	123.3	131.5	16.8
Total	392.0	391.1	357.8	362.4	365.9	367.1	370.7	374.2	377.0	391.6	398.3	407.6	417.5	426.2	437.8	453.7	472.8	497.6	525.8	553.7	595.3	635.1	671.9	713.1	755.0	2.8%
Cogenerators 5/																										
Net Summer Capability (gigawatt)																										
Municipal Solid Waste	0.43	0.43	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.2%
Wood and Other Biomass	5.44	5.45	5.98	6.08	6.16	6.25	6.34	6.42	6.51	6.51	6.57	6.63	6.76	6.82	6.95	7.08	7.18	7.27	7.34	7.40	7.44	7.49	7.54	7.59	7.65	1.4%
Total	5.87	5.87	6.42	6.52	6.60	6.69	6.79	6.86	6.96	6.96	7.01	7.07	7.20	7.26	7.40	7.53	7.63	7.72	7.79	7.85	7.89	7.94	7.99	8.04	8.10	1.4%
Generation																										
Municipal Solid Waste	2.21	2.22	2.23	2.24	2.24	2.25	2.26	2.26	2.27	2.28	2.28	2.29	2.29	2.30	2.30	2.31	2.31	2.32	2.32	2.32	2.33	2.33	2.33	2.33	2.33	0.2%
Wood and Other Biomass	39.40	39.50	40.26	41.18	42.00	42.85	43.75	44.48	45.35	45.80	46.42	47.09	48.31	48.93	50.19	51.46	52.44	53.30	53.93	54.50	54.95	55.41	55.84	56.36	56.94	1.5%
Total	41.61	41.72	42.49	43.42	44.24	45.10	46.00	46.74	47.62	48.07	48.70	49.38	50.60	51.22	52.49	53.76	54.75	55.62	56.25	56.83	57.28	57.74	58.17	58.69	59.27	1.5%

1/ Includes grid-connected utilities and nonutilities other than cogenerators. These nonutility facilities include small power producers, exempt wholesale generators and generators at industrial and commercial facilities which do not produce steam for other uses.

2/ Includes hydrothermal resources only (hot water and steam).

3/ Includes landfill gas.

4/ Includes projections for energy crops after 2010.

5/ Cogenerators produce electricity and other useful thermal energy.

Notes: Totals may not equal sum of components due to independent rounding. Net summer capability has been estimated for nonutility generators for AEO98. Net summer capability is used to be consistent with electric utility capacity estimates. Data for electric utility capacity are the most recently available as of August 25, 1997. Additional retirements are also determined on the basis of the size and age of the units. Therefore, capacity estimates may differ from other Energy Information Administration sources.

Sources: 1996 electric utility capability: Energy Information Administration (EIA), Form EIA-860 "Annual Electric Utility Report," 1996 nonutility and cogenerator capability: Form EIA-867, "Annual Nonutility Power Producer Report." 1996 generation: EIA, Annual Energy Review 1996, DOE/EIA-0384(96) (Washington, DC, July 1997). Projections: EIA, AEO98 National Energy Modeling System run HMA09.D080598A.

Table 18. Renewable Energy, Consumption by Sector and Source 1/ (Quadrillion Btu per Year)																								1996-		
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Marketed Renewable Energy 2/																										
Residential	0.61	0.60	0.62	0.61	0.61	0.61	0.61	0.61	0.61	0.62	0.62	0.62	0.63	0.63	0.63	0.64	0.64	0.64	0.65	0.65	0.65	0.66	0.66	0.66	0.66	0.3%
Wood	0.61	0.60	0.62	0.61	0.61	0.61	0.61	0.61	0.61	0.62	0.62	0.62	0.63	0.63	0.63	0.64	0.64	0.64	0.65	0.65	0.65	0.66	0.66	0.66	0.66	0.3%
Commercial 3/	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.2%
Biomass	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.2%
Industrial 4/	1.82	1.89	1.93	1.97	2.00	2.04	2.08	2.11	2.16	2.17	2.20	2.24	2.29	2.32	2.38	2.44	2.49	2.53	2.55	2.58	2.60	2.62	2.64	2.66	2.69	1.6%
Conventional Hydroelectric	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	N/A
Municipal Solid Waste	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Biomass	1.78	1.85	1.89	1.93	1.96	2.00	2.05	2.08	2.12	2.14	2.17	2.20	2.26	2.29	2.34	2.40	2.45	2.49	2.52	2.54	2.56	2.58	2.60	2.63	2.65	1.7%
Transportation	0.10	0.11	0.12	0.20	0.24	0.27	0.27	0.27	0.28	0.28	0.30	0.32	0.34	0.34	0.25	0.37	0.40	0.41	0.42	0.46	0.49	0.52	0.61	0.65	0.69	8.3%
Ethanol used in E85 5/	0.00	0.00	0.00	0.01	0.02	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.11	0.12	0.12	0.13	0.13	0.14	0.14	0.15	0.15	N/A
Ethanol used in Gas Blending	0.10	0.11	0.12	0.19	0.23	0.25	0.24	0.23	0.23	0.22	0.23	0.23	0.25	0.24	0.15	0.26	0.28	0.29	0.30	0.33	0.36	0.39	0.47	0.50	0.54	7.1%
Electric Generators 6/	4.40	4.43	4.09	4.14	4.18	4.21	4.26	4.31	4.34	4.50	4.57	4.73	4.88	4.98	5.10	5.33	5.62	5.86	6.19	6.48	6.91	7.35	7.73	8.15	8.58	2.8%
Conventional Hydroelectric	3.56	3.48	3.13	3.16	3.19	3.19	3.20	3.20	3.21	3.21	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.26	3.26	3.26	3.27	3.27	3.27	3.27	3.27	-0.4%
Geothermal	0.43	0.47	0.48	0.48	0.48	0.49	0.52	0.53	0.53	0.56	0.56	0.65	0.73	0.73	0.75	0.85	0.98	0.99	1.07	1.09	1.16	1.27	1.31	1.36	1.43	5.1%
Municipal Solid Waste	0.30	0.35	0.36	0.36	0.37	0.37	0.38	0.38	0.39	0.40	0.40	0.41	0.42	0.43	0.44	0.45	0.46	0.47	0.48	0.48	0.49	0.49	0.50	0.50	0.50	2.2%
Biomass	0.06	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.18	0.21	0.23	0.25	0.28	0.32	0.37	0.45	0.54	0.69	0.82	1.05	1.26	1.47	1.74	2.01	15.4%
Solar Thermal	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	N/A
Solar Photovoltaic	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	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	29.4%
Wind	0.03	0.04	0.05	0.06	0.06	0.06	0.08	0.10	0.12	0.14	0.17	0.20	0.24	0.29	0.35	0.42	0.49	0.57	0.67	0.79	0.93	1.06	1.17	1.27	1.35	16.8%
Total Marketed Renew. Energy	6.94	7.04	6.77	6.92	7.04	7.13	7.23	7.31	7.39	7.58	7.69	7.91	8.14	8.27	8.37	8.78	9.15	9.44	9.82	10.16	10.66	11.16	11.64	12.12	12.62	2.5%
Non-Marketed Renewable Energy -- Selected Consumption 7/																										
Residential	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.06	0.06	0.06	4.9%
Solar Hot Water Heating	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.3%
Ground-Source Heat Pumps	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.04	0.04	0.05	0.05	0.05	7.6%
Commercial	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	4.2%
Solar Thermal	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	4.2%

1/ Actual heat rates used to determine fuel consumption for all renewable fuels except hydropower, solar, and wind. Consumption at hydroelectric, solar, and wind facilities determined by using the fossil fuel equivalent of 10,280 Btu per kilowatt-hour.

2/ Includes nonelectric renewable energy groups for which the energy source is bought and sold in the marketplace, although all transactions may not necessarily be marketed, and marketed renewable energy inputs for electricity entering the marketplace on the electric power grid. Excludes electricity imports; see Table 8.

3/ Value is less than 0.005 quadrillion Btu per year and rounds to zero.

4/ Includes all electricity production by industrial and other cogenerators for the grid and for own use.

5/ Excludes motor gasoline component of E85.

6/ Includes renewable energy delivered to the grid from electric utilities and nonutilities. Renewable energy used in generating electricity for own use is included in the individual sectoral electricity energy consumption values.

7/ Includes selected renewable energy consumption data for which the energy is not bought or sold, either directly or indirectly as an input to marketed energy. The Energy Information Administration does not estimate or project total consumption of nonmarketed renewable energy.

N/A = Not applicable.

Btu = British thermal unit.

Notes: Totals may not equal sum of components due to independent rounding.

Sources: 1996 electric generators: Energy Information Administration (EIA), Form EIA-860, "Annual Electric Utility Report" and EIA, Form EIA-867, Annual Nonutility Power Producer Report." 1996 ethanol: EIA, Petroleum Supply Annual 1996, DOE/EIA-0340(96/1) (Washington, DC, June 1997). Other 1996: EIA, Office of Integrated Analysis and Forecasting. Projections: EIA, AEO98 National Energy Modeling System run HMA09.D080598A.

Table 19. Carbon Emissions by Sector and Source (Million Metric Tons per Year, Unless Otherwise Noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Residential																										
Petroleum	27.3	26.2	25.9	25.6	25.4	25.1	24.9	24.6	24.5	23.1	22.5	22.0	21.6	21.3	21.1	21.0	20.9	20.6	20.6	20.5	20.5	20.4	20.3	20.1	20.0	-1.3%
Natural Gas	77.4	72.8	75.7	77.6	78.6	78.7	79.6	80.1	81.0	76.2	74.8	73.5	73.0	72.3	72.0	72.4	72.4	72.2	72.7	73.0	73.3	73.3	73.4	73.3	73.5	-0.2%
Coal	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.1	1.0	1.0	1.0	1.0	0.9	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	-1.8%
Electricity	179.9	181.5	195.3	199.3	201.7	206.6	208.1	209.3	211.2	181.9	170.4	156.3	147.4	139.8	135.2	134.5	129.5	125.4	122.5	119.7	117.5	115.0	112.9	110.8	108.6	-2.1%
Total	286.0	282.1	298.3	304.0	307.1	311.9	314.0	315.5	318.2	282.3	268.8	252.8	243.0	234.4	229.2	228.8	223.7	219.2	216.7	214.1	212.2	209.6	207.4	205.1	203.0	-1.4%
Commercial																										
Petroleum	15.3	14.2	12.8	12.8	12.8	12.8	12.8	12.7	12.7	11.9	11.7	11.3	11.2	11.2	11.1	11.2	11.0	11.0	11.0	11.0	11.0	11.1	11.0	10.9	10.8	-1.4%
Natural Gas	47.4	47.1	49.1	49.7	50.3	50.7	51.4	51.9	52.6	49.0	47.6	46.3	45.5	45.2	44.8	45.2	44.7	44.3	44.9	45.3	45.4	45.7	45.6	45.4	45.3	-0.2%
Coal	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.4	2.2	2.1	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	-0.5%
Electricity	164.8	171.3	180.3	184.2	183.0	184.9	186.2	187.3	188.6	160.8	149.7	136.0	126.8	120.3	116.0	115.4	110.3	106.9	104.3	101.7	99.1	96.7	94.2	91.6	88.6	-2.6%
Total	229.6	234.7	244.4	248.9	248.4	250.7	252.6	254.2	256.2	223.9	211.1	195.7	185.5	178.5	173.7	173.6	167.8	164.0	162.0	159.9	157.5	155.4	152.7	149.7	146.5	-1.9%
Industrial 1/																										
Petroleum	104.8	102.8	102.9	105.0	106.2	108.3	110.2	110.7	111.5	110.8	113.3	112.9	114.2	116.9	120.0	122.5	127.1	130.1	131.6	131.4	134.8	137.2	137.5	138.3	138.3	1.2%
Natural Gas 2/	142.8	145.2	149.5	154.2	154.5	155.1	156.5	157.1	159.3	163.5	164.5	167.1	170.2	170.4	172.5	173.9	173.0	173.4	174.0	175.0	173.4	173.5	174.8	176.5	177.6	0.9%
Coal	59.3	62.5	63.6	64.3	64.4	65.4	66.7	67.3	68.2	53.8	51.3	49.1	48.8	48.7	48.9	50.2	50.2	50.2	50.7	51.1	51.8	52.2	52.2	52.1	52.3	0.5%
Electricity	169.2	177.7	183.8	189.6	187.6	192.0	195.5	197.4	200.5	176.2	165.5	152.0	145.1	137.7	134.4	134.9	130.0	125.9	121.7	117.3	113.9	111.4	108.5	106.3	103.5	-2.0%
Total	476.1	488.2	499.8	513.1	512.7	520.7	528.8	532.5	539.5	504.3	494.6	481.1	478.2	473.7	475.8	481.4	480.3	479.6	478.0	474.9	473.9	474.3	473.0	473.1	471.7	-0.0%
Transportation																										
Petroleum 3/	457.9	470.5	479.9	494.7	504.0	514.9	526.8	537.1	548.2	547.8	548.2	547.5	550.2	552.3	560.1	566.6	571.6	576.6	584.0	590.0	596.1	603.1	607.2	611.9	616.8	1.2%
Natural Gas 4/	10.5	11.2	11.5	12.1	11.9	12.4	12.9	13.3	13.9	15.0	15.4	16.1	16.6	17.4	17.7	18.3	18.8	19.4	19.9	20.4	20.7	20.9	21.2	21.4	21.6	3.0%
Other 5/	0.0	0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.3	1.5	1.8	2.0	2.2	2.3	2.5	2.7	2.9	3.0	3.2	3.3	3.5	3.6	3.7	3.8	3.9	N/A
Electricity	2.8	3.0	3.1	3.1	3.1	3.2	3.3	3.5	3.8	3.6	3.6	3.4	3.3	3.2	3.2	3.2	3.1	3.0	3.0	2.9	2.9	2.8	2.8	2.8	2.7	-0.2%
Total	471.2	484.8	494.7	510.2	519.4	531.0	543.8	555.0	567.2	568.0	568.9	569.0	572.3	575.2	583.5	590.8	596.3	602.0	610.0	616.6	623.1	630.5	635.0	639.8	645.0	1.3%
Total Carbon Emissions 6/																										
Petroleum	605.3	613.7	621.5	638.1	648.3	661.0	674.7	685.1	696.9	693.6	695.7	693.8	697.3	701.7	712.3	721.2	730.6	738.3	747.2	752.9	762.5	771.8	776.0	781.1	785.9	1.1%
Natural Gas	278.1	276.3	285.8	293.7	295.3	296.9	300.2	302.4	306.8	303.7	302.3	303.0	305.3	305.3	306.9	309.7	308.8	309.3	311.4	313.7	312.8	313.5	315.0	316.6	318.0	0.6%
Coal	62.8	66.1	67.2	67.9	68.0	69.1	70.4	71.1	72.0	57.1	54.5	52.1	51.7	51.6	51.7	53.0	53.1	53.0	53.5	53.9	54.6	55.0	55.0	54.9	55.0	-0.5%
Other 5/	0.0	0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.3	1.5	1.8	2.0	2.2	2.3	2.5	2.7	2.9	3.0	3.2	3.3	3.5	3.6	3.7	3.8	3.9	N/A
Electricity	516.7	533.4	562.5	576.2	575.4	586.7	593.1	597.5	604.1	522.5	489.1	447.6	422.5	401.0	388.7	388.0	372.9	361.2	351.4	341.6	333.4	325.9	318.4	311.4	303.4	-2.2%
Total 3/	1462.	1489.	1537.	1576.	1587.	1614.	1639.	1657.	1681.	1578.	1543.	1498.	1479.	1461.	1462.	1474.	1468.	1464.	1466.	1465.	1466.	1469.	1468.	1467.	1466.	0.0%
Electric Generators 7/																										
Petroleum	15.5	17.3	13.1	13.9	12.7	13.4	11.7	10.9	9.9	7.1	7.6	6.2	5.6	5.3	4.8	4.1	4.5	5.3	6.5	4.6	10.8	18.2	15.6	18.6	16.6	0.3%
Natural Gas	40.3	39.1	48.6	54.8	55.6	60.8	66.5	70.9	78.3	107.5	123.1	143.3	154.8	165.4	174.6	178.1	187.2	196.6	203.3	212.8	215.9	217.7	225.1	227.1	230.2	7.5%
Coal	460.9	477.0	500.7	507.5	507.2	512.5	514.8	515.8	515.9	407.9	358.4	298.2	262.2	230.4	209.4	205.8	181.1	159.3	141.7	124.2	106.8	90.0	77.7	65.7	56.6	-8.4%
Total	516.7	533.4	562.5	576.2	575.4	586.7	593.1	597.5	604.1	522.5	489.1	447.6	422.5	401.0	388.7	388.0	372.9	361.2	351.4	341.6	333.4	325.9	318.4	311.4	303.4	-2.2%

Table 19. Carbon Emissions by Sector and Source (Million Metric Tons per Year, Unless Otherwise Noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Total Carbon Emissions 8/																										
Petroleum	620.8	631.1	634.6	652.0	661.0	674.4	686.4	696.0	706.8	700.7	703.3	699.9	702.8	706.9	717.0	725.3	735.1	743.6	753.7	757.6	773.3	790.0	791.5	799.7	802.5	1.1%
Natural Gas	318.4	315.4	334.4	348.5	350.9	357.7	366.8	373.3	385.1	411.2	425.3	446.3	460.1	470.7	481.5	487.7	496.0	505.9	514.6	526.4	528.6	531.2	540.1	543.7	548.2	2.3%
Coal	523.7	543.1	567.9	575.4	575.2	581.6	585.2	586.9	587.9	465.0	412.9	350.3	313.9	282.0	261.1	258.9	234.2	212.3	195.1	178.1	161.4	145.0	132.7	120.5	111.6	-6.2%
Other 5/	0.0	0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.3	1.5	1.8	2.0	2.2	2.3	2.5	2.7	2.9	3.0	3.2	3.3	3.5	3.6	3.7	3.8	3.9	N/A
Total 3/	1462.	1489.	1537.	1576.	1587.	1614.	1639.	1657.	1681.	1578.	1543.	1498.	1479.	1461.	1462.	1474.	1468.	1464.	1466.	1465.	1466.	1469.	1468.	1467.	1466.	0.0%
Carbon Emissions (tons per person)	5.5	5.5	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.4	5.2	5.0	4.9	4.8	4.8	4.8	4.7	4.6	4.6	4.5	4.5	4.5	4.4	4.4	4.3	-1.0%

1/ Includes consumption by cogenerators.

2/ Includes lease and plant fuel.

3/ This includes international bunker fuels which, by convention, are excluded from the international accounting of carbon emissions. In the years 1989 through 1996, international bunker fuels account for 22 to 24 million metric tons of carbon annually.

4/ Includes pipeline fuel natural gas and compressed natural gas used as vehicle fuel.

5/ Includes methanol and liquid hydrogen.

6/ Measured for delivered energy consumption.

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

8/ Measured for total energy consumption, with emissions for electric power generators distributed to the primary fuels.

N/A = Not applicable

Note: Totals may not equal sum of components due to independent rounding.

Sources: Carbon coefficients from Energy Information Administration, (EIA) Emissions of Greenhouse Gases in the United States 1996, DOE/EIA-0573(96) (Washington,DC, October 1997). 1996 consumption estimates based on: EIA, Short Term Energy Outlook, August 1997, Online. <http://www.eia.doe.gov/emeu/steo/pub/upd/aug97/index.html> (August 21, 1997). Projections: EIA, AEO98 National Energy Modeling System run HMAC09.D080598A.