

Table 1. Total Energy Supply and Disposition Summary
(quadrillion Btu, unless otherwise noted)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Production													
Crude Oil and Lease Condensate	11.58	10.96	10.79	11.60	11.85	11.75	11.66	11.76	11.88	11.65	11.83	12.00	12.09
Natural Gas Plant Liquids	2.46	2.33	2.36	2.41	2.43	2.41	2.37	2.36	2.32	2.31	2.32	2.35	2.37
Dry Natural Gas	19.32	18.77	19.14	19.63	19.84	19.68	19.38	19.42	19.10	19.05	19.13	19.34	19.51
Coal 1/	22.85	23.20	23.77	23.57	23.61	23.92	24.68	25.34	25.75	26.04	26.62	26.67	27.11
Nuclear Power	8.22	8.13	8.20	8.28	8.25	8.21	8.23	8.25	8.38	8.40	8.43	8.49	8.61
Hydropower	2.71	2.71	2.84	2.82	2.89	2.96	3.02	3.07	3.07	3.07	3.07	3.07	3.07
Biomass 2/	2.81	2.71	3.02	3.37	3.63	4.07	4.30	4.34	4.38	4.42	4.50	4.62	4.77
Other Renewable Energy 3/	0.74	0.76	0.94	1.14	1.16	1.21	1.22	1.22	1.23	1.25	1.27	1.31	1.33
Other 4/	0.29	0.22	0.04	0.67	0.74	0.76	0.85	0.89	0.86	0.99	0.99	1.00	0.97
Total	70.98	69.80	71.11	73.48	74.41	74.97	75.70	76.67	76.98	77.18	78.17	78.84	79.83
Imports													
Crude Oil 5/	22.02	22.09	22.01	21.81	21.36	21.55	21.92	21.99	22.04	22.46	22.34	22.28	22.42
Liquid Fuels and Other Petroleum 6/	6.11	7.16	7.35	5.97	6.00	5.82	5.78	5.64	5.67	5.57	5.56	5.50	5.34
Natural Gas	4.36	4.42	4.11	4.32	4.74	5.03	4.99	4.99	5.49	5.69	5.57	5.54	5.47
Other Imports 7/	0.82	0.85	0.90	0.93	0.93	0.91	0.93	0.93	0.94	0.96	1.00	1.21	1.28
Total	33.30	34.52	34.37	33.04	33.03	33.31	33.62	33.55	34.13	34.67	34.48	34.53	34.51
Exports													
Petroleum 8/	2.07	2.31	2.73	2.69	2.68	2.68	2.69	2.70	2.70	2.70	2.71	2.71	2.72
Natural Gas	0.87	0.75	0.74	0.86	0.82	0.76	0.68	0.64	0.63	0.62	0.61	0.60	0.59
Coal	1.25	1.27	1.14	1.19	1.15	1.11	1.11	1.12	1.12	1.10	1.04	0.95	0.93
Total	4.19	4.33	4.61	4.74	4.65	4.56	4.49	4.45	4.44	4.42	4.35	4.26	4.24
Discrepancy 9/	-0.58	-0.20	0.12	-0.52	-0.64	-0.67	-0.63	-0.70	-0.72	-0.72	-0.69	-0.75	-0.79
Consumption													
Liquid Fuels and Other Petroleum 10/	40.79	40.61	40.57	40.74	40.91	41.01	41.32	41.57	41.75	41.96	42.12	42.28	42.54
Natural Gas	23.05	22.63	22.37	23.22	23.89	24.08	23.83	23.91	24.11	24.26	24.23	24.42	24.53
Coal	22.60	22.87	23.13	23.25	23.34	23.69	24.45	25.02	25.41	25.72	26.29	26.63	27.04
Nuclear Power	8.22	8.13	8.20	8.28	8.25	8.21	8.23	8.25	8.38	8.40	8.43	8.49	8.61
Hydropower	2.71	2.71	2.84	2.82	2.89	2.96	3.02	3.07	3.07	3.07	3.07	3.07	3.07
Biomass 11/	2.53	2.38	2.60	2.79	2.93	3.21	3.35	3.38	3.40	3.43	3.51	3.63	3.72
Other Renewable Energy 3/	0.74	0.76	0.94	1.14	1.16	1.21	1.22	1.22	1.23	1.25	1.27	1.31	1.33
Other 12/	0.04	0.08	0.09	0.06	0.05	0.03	0.05	0.04	0.05	0.06	0.06	0.03	0.04
Total	100.67	100.19	100.75	102.30	103.43	104.40	105.46	106.47	107.40	108.16	108.99	109.86	110.89
Prices (2005 dollars per unit)													
Petroleum (dollars per barrel)													
Low Sulfur Light Price 13/	42.87	56.76	69.11	66.71	66.91	67.70	69.21	71.08	72.65	74.68	77.19	79.57	81.91
Imported Crude Oil Price 13/	37.09	49.19	61.75	59.49	59.73	60.71	62.53	64.36	66.19	68.62	71.67	73.85	76.00
Natural Gas (dollars per million Btu)													
Price at Henry Hub	6.08	8.60	7.07	7.31	7.52	7.17	6.91	6.74	6.35	6.28	6.33	6.36	6.52
Wellhead Price 14/	5.63	7.29	6.47	6.53	6.72	6.40	6.16	6.01	5.65	5.59	5.63	5.66	5.81
Natural Gas (dollars per thousand cubic feet)													
Wellhead Price 14/	5.80	7.51	6.67	6.73	6.92	6.59	6.35	6.19	5.82	5.76	5.80	5.83	5.98
Coal (dollars per ton)													
Minemouth Price 15/	20.68	23.34	24.05	24.10	24.02	23.97	24.54	24.22	24.01	23.51	23.37	23.14	23.23
Coal (dollars per million Btu)													
Minemouth Price 15/	1.01	1.15	1.17	1.18	1.17	1.17	1.20	1.19	1.18	1.16	1.15	1.15	1.15
Average Delivered Price 16/	1.45	1.61	1.75	1.77	1.79	1.79	1.80	1.77	1.75	1.73	1.72	1.72	1.72
Average Electricity (cents per kilowatthour)	7.9	8.1	8.3	8.3	8.4	8.4	8.3	8.2	8.1	8.0	8.0	8.0	8.1

Table 1. Total Energy Supply and Disposition Summary
(quadrillion Btu, unless otherwise noted)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Production															
Crude Oil and Lease Condensate	12.28	12.40	12.72	12.67	12.46	12.40	12.52	12.59	12.65	12.58	12.55	12.49	12.67	12.79	0.6%
Natural Gas Plant Liquids	2.37	2.31	2.28	2.28	2.27	2.26	2.28	2.28	2.29	2.30	2.29	2.29	2.29	2.31	0.0%
Dry Natural Gas	19.52	19.85	20.38	21.01	21.13	21.01	21.20	21.20	21.35	21.45	21.39	21.39	21.40	21.53	0.5%
Coal 1/	27.59	27.99	28.78	29.80	30.93	31.80	32.66	33.33	34.13	34.73	35.86	36.54	37.58	38.32	2.0%
Nuclear Power	8.79	8.98	9.17	9.39	9.57	9.69	9.78	9.92	10.06	10.18	10.26	10.37	10.44	10.31	1.0%
Hydropower	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	0.5%
Biomass 2/	4.82	4.80	4.80	4.96	5.00	5.06	5.12	5.18	5.23	5.27	5.34	5.42	5.53	5.62	2.9%
Other Renewable Energy 3/	1.36	1.38	1.39	1.41	1.41	1.43	1.44	1.45	1.47	1.48	1.50	1.51	1.51	1.51	2.8%
Other 4/	0.98	1.02	0.98	0.98	0.80	1.04	0.96	1.08	1.09	1.01	1.11	1.11	1.11	1.12	6.8%
Total	80.80	81.81	83.59	85.58	86.67	87.77	89.06	90.12	91.37	92.10	93.40	94.20	95.62	96.61	1.3%
Imports															
Crude Oil 5/	22.27	22.26	22.01	21.94	22.13	22.21	22.22	22.21	22.31	22.54	22.69	23.08	23.02	23.18	0.2%
Liquid Fuels and Other Petroleum 6/	5.40	5.40	5.44	5.35	5.26	5.35	5.24	5.35	5.33	5.41	5.32	5.32	5.27	5.24	-1.2%
Natural Gas	5.23	4.94	4.58	4.34	4.32	4.16	4.10	4.11	3.99	3.93	3.86	3.81	3.77	3.74	-0.7%
Other Imports 7/	1.42	1.76	1.88	1.89	1.92	1.91	1.92	1.96	1.98	2.07	2.12	2.17	2.22	2.23	3.9%
Total	34.32	34.35	33.91	33.53	33.62	33.64	33.48	33.63	33.61	33.95	34.01	34.39	34.28	34.39	0.0%
Exports															
Petroleum 8/	2.73	2.73	2.74	2.75	2.75	2.76	2.76	2.77	2.78	2.79	2.80	2.80	2.81	2.81	0.8%
Natural Gas	0.58	0.57	0.54	0.56	0.58	0.57	0.58	0.60	0.58	0.59	0.59	0.54	0.54	0.49	-1.8%
Coal	0.88	0.88	0.87	0.83	0.89	0.91	0.91	0.89	0.83	0.74	0.68	0.69	0.69	0.69	-2.4%
Total	4.19	4.18	4.15	4.15	4.22	4.24	4.26	4.26	4.20	4.12	4.07	4.03	4.04	3.98	-0.3%
Discrepancy 9/	-0.79	-0.77	-0.79	-0.79	-0.84	-0.76	-0.82	-0.81	-0.78	-0.80	-0.80	-0.78	-0.78	-0.74	N/A
Consumption															
Liquid Fuels and Other Petroleum 10/	42.79	43.05	43.34	43.68	43.84	44.33	44.61	45.05	45.46	45.81	46.30	46.71	47.14	47.52	0.6%
Natural Gas	24.31	24.35	24.54	24.70	24.77	24.51	24.62	24.61	24.64	24.67	24.52	24.51	24.46	24.60	0.3%
Coal	27.56	28.14	28.83	29.60	30.30	30.92	31.54	32.13	32.79	33.42	34.33	34.97	35.73	36.39	1.9%
Nuclear Power	8.79	8.98	9.17	9.39	9.57	9.69	9.78	9.92	10.06	10.18	10.26	10.37	10.44	10.31	1.0%
Hydropower	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	0.5%
Biomass 11/	3.76	3.72	3.72	3.85	3.88	3.93	3.97	4.00	4.02	4.03	4.06	4.11	4.18	4.24	2.3%
Other Renewable Energy 3/	1.36	1.38	1.39	1.41	1.41	1.43	1.44	1.45	1.47	1.48	1.50	1.51	1.51	1.51	2.8%
Other 12/	0.06	0.04	0.05	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.08	0.09	0.08	0.0%
Total	111.73	112.75	114.13	115.75	116.90	117.93	119.11	120.31	121.57	122.74	124.13	125.34	126.64	127.74	1.0%
Prices (2005 dollars per unit)															
Petroleum (dollars per barrel)															
Low Sulfur Light Price 13/	83.71	85.45	87.32	89.12	90.26	90.98	92.12	93.25	94.40	95.55	96.69	97.84	98.98	100.14	2.3%
Imported Crude Oil Price 13/	77.65	79.30	80.96	82.60	83.64	84.67	85.70	86.73	87.77	88.80	89.83	90.86	91.89	92.93	2.6%
Natural Gas (dollars per million Btu)															
Price at Henry Hub	6.72	6.50	6.21	6.46	6.71	6.82	7.10	7.16	7.29	7.54	7.69	7.88	8.04	8.27	-0.2%
Wellhead Price 14/	5.99	5.79	5.52	5.75	5.98	6.08	6.33	6.39	6.51	6.73	6.87	7.05	7.20	7.41	0.1%
Natural Gas (dollars per thousand cubic feet)															
Wellhead Price 14/	6.17	5.97	5.69	5.92	6.16	6.27	6.52	6.58	6.70	6.94	7.08	7.26	7.41	7.63	0.1%
Coal (dollars per ton)															
Minemouth Price 15/	23.19	22.95	23.13	23.46	23.86	23.86	23.92	23.99	24.06	23.96	23.92	24.22	24.16	24.45	0.2%
Coal (dollars per million Btu)															
Minemouth Price 15/	1.15	1.15	1.16	1.17	1.19	1.20	1.20	1.21	1.22	1.22	1.22	1.23	1.23	1.25	0.3%
Average Delivered Price 16/	1.72	1.71	1.72	1.73	1.76	1.77	1.77	1.78	1.79	1.79	1.80	1.82	1.82	1.83	0.5%
Average Electricity (cents per kilowatthour)	8.2	8.2	8.1	8.1	8.2	8.2	8.2	8.3	8.3	8.3	8.3	8.3	8.2	8.3	0.1%

Table 1. Total Energy Supply and Disposition Summary
(quadrillion Btu, unless otherwise noted)

- 1/ Includes waste coal.
- 2/ Includes grid-connected electricity from wood and wood waste, biomass such as corn used for liquid fuels production, and non-electric energy from wood. Refer to Table 17 for details.
- 3/ Includes grid-connected electricity from landfill gas; municipal solid waste; wind; photovoltaic and solar thermal sources; and non-electric energy from renewable sources, such as active and passive solar systems. Excludes electricity imports using renewable sources and nonmarketed renewable energy. See Table 17 for selected nonmarketed residential and commercial renewable energy.
- 4/ Includes liquid hydrogen, methanol, and some domestic inputs to refineries.
- 5/ Includes imports of crude oil for the Strategic Petroleum Reserve.
- 6/ Includes imports of finished petroleum products, unfinished oils, alcohols, ethers, blending components, and renewable fuels such as ethanol.
- 7/ Includes coal, coal coke (net), and electricity (net).
- 8/ Includes crude oil and petroleum products.
- 9/ Balancing item. Includes unaccounted for supply, losses, gains, and net storage withdrawals.
- 10/ Includes petroleum-derived fuels and non-petroleum-derived fuels, such as ethanol and biodiesel. Petroleum coke, which is a solid, is included. Also included are natural gas plant liquids, crude oil consumed as a fuel, and liquid hydrogen. Refer to Table 17 for detailed renewable liquid fuels consumption.
- 11/ Includes grid-connected electricity from wood and wood waste, non-electric energy from wood, and biofuels heat and coproducts used in the production of liquid fuels, but excludes the energy content of the liquid fuels.
- 12/ Includes net electricity imports and natural gas losses.
- 13/ Weighted average price delivered to U.S. refiners.
- 14/ Represents lower 48 onshore and offshore supplies.
- 15/ Includes reported prices for both open market and captive mines.
- 16/ Prices weighted by consumption; weighted average excludes residential and commercial prices, and export free-alongside-ship (f.a.s.) prices.

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2004 and 2005 are model results and may differ slightly from official EIA data reports.

Sources: 2004 natural gas supply values: Energy Information Administration (EIA), Natural Gas Annual 2004, DOE/EIA-0131(2004) (Washington, DC, December 2005). 2005 natural gas supply values and natural gas wellhead price: EIA, Natural Gas Monthly, DOE/EIA-0130(2006/04) (Washington, DC, April 2006). 2004 natural gas wellhead price: Minerals Management Service and EIA, Natural Gas Annual 2004, DOE/EIA-0131(2004) (Washington, DC, December 2005). 2004 and 2005 coal minemouth and delivered coal prices: EIA, Annual Coal Report 2005, DOE/EIA-0584(2005) (Washington, DC, October 2006). 2005 petroleum supply values and 2004 crude oil and lease condensate production: EIA, Petroleum Supply Annual 2005, DOE/EIA-0340(2005)/1 (Washington, DC, October 2006). Other 2004 petroleum supply values: EIA, Petroleum Supply Annual 2004, DOE/EIA-0340(2004)/1 (Washington, DC, June 2005). 2004 and 2005 low sulfur light crude oil price: EIA, Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report." Other 2004 and 2005 coal values: EIA, Quarterly Coal Report, October-December 2005, DOE/EIA-0121(2005/4Q) (Washington, DC, March 2006). Other 2004 and 2005 values: EIA, Annual Energy Review 2005, DOE/EIA-0384(2005) (Washington, DC, July 2006). Projections: EIA, AEO2007 National Energy Modeling System run hp2007.d112106a.

Table 2. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Residential													
Liquefied Petroleum Gases	0.54	0.51	0.53	0.53	0.53	0.53	0.53	0.53	0.54	0.54	0.55	0.55	0.56
Kerosene	0.09	0.10	0.09	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.09
Distillate Fuel Oil	0.93	0.93	0.91	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.84	0.83	0.82
Liquid Fuels and Other Petroleum Subtotal	1.55	1.54	1.53	1.53	1.52	1.51	1.51	1.50	1.50	1.49	1.48	1.47	1.46
Natural Gas	5.02	4.98	4.61	5.02	5.09	5.11	5.14	5.17	5.21	5.23	5.25	5.27	5.29
Coal	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
Renewable Energy 1/ Electricity	0.40 4.41	0.41 4.66	0.40 4.73	0.43 4.78	0.44 4.89	0.43 4.96	0.43 5.04	0.43 5.11	0.43 5.20	0.42 5.26	0.42 5.32	0.42 5.39	0.43 5.47
Delivered Energy	11.39	11.60	11.28	11.77	11.94	12.02	12.13	12.22	12.35	12.42	12.49	12.56	12.66
Electricity Related Losses	9.75	10.15	10.30	10.40	10.56	10.73	10.91	11.05	11.19	11.27	11.39	11.50	11.63
Total	21.15	21.75	21.58	22.17	22.51	22.75	23.04	23.27	23.55	23.68	23.88	24.07	24.30
Commercial													
Liquefied Petroleum Gases	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
Motor Gasoline 2/ Kerosene	0.05 0.02	0.05 0.02	0.05 0.03	0.05 0.02	0.05 0.02	0.05 0.03	0.05 0.03	0.05 0.03	0.05 0.03	0.05 0.03	0.05 0.03	0.05 0.03	0.05 0.03
Distillate Fuel Oil	0.47	0.48	0.46	0.44	0.43	0.43	0.44	0.44	0.44	0.44	0.44	0.44	0.44
Residual Fuel Oil	0.12	0.14	0.13	0.14	0.13	0.14	0.14	0.14	0.13	0.13	0.13	0.13	0.13
Liquid Fuels and Other Petroleum Subtotal	0.76	0.77	0.76	0.73	0.73	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
Natural Gas	3.23	3.15	3.01	3.11	3.18	3.22	3.26	3.32	3.38	3.44	3.48	3.53	3.56
Coal	0.10	0.10	0.08	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Renewable Energy 3/ Electricity	0.12 4.19	0.12 4.32	0.12 4.37	0.12 4.45	0.12 4.58	0.12 4.67	0.12 4.75	0.12 4.84	0.12 4.93	0.12 5.03	0.12 5.12	0.12 5.21	0.12 5.30
Delivered Energy	8.40	8.46	8.34	8.51	8.71	8.85	8.97	9.12	9.27	9.43	9.56	9.70	9.82
Electricity Related Losses	9.27	9.42	9.51	9.68	9.90	10.10	10.28	10.46	10.63	10.79	10.96	11.13	11.28
Total	17.67	17.88	17.84	18.18	18.61	18.95	19.25	19.57	19.90	20.22	20.53	20.83	21.10
Industrial 4/													
Liquefied Petroleum Gases	2.27	2.13	2.19	2.29	2.31	2.27	2.25	2.24	2.24	2.23	2.23	2.23	2.23
Motor Gasoline 2/ Distillate Fuel Oil	0.32 1.21	0.32 1.23	0.32 1.30	0.32 1.24	0.31 1.21	0.31 1.18	0.31 1.16	0.32 1.16	0.32 1.16	0.32 1.16	0.32 1.16	0.32 1.16	0.32 1.17
Residual Fuel Oil	0.22	0.23	0.22	0.18	0.18	0.17	0.17	0.17	0.16	0.16	0.15	0.15	0.15
Petrochemical Feedstocks	1.54	1.38	1.32	1.42	1.47	1.46	1.47	1.47	1.47	1.46	1.46	1.46	1.46
Other Petroleum 5/ Liquid Fuels and Other Petroleum Subtotal	4.53 10.09	4.45 9.73	4.44 9.79	4.20 9.66	4.15 9.63	4.08 9.49	4.10 9.47	4.09 9.45	4.03 9.36	4.10 9.43	4.09 9.42	4.10 9.42	4.10 9.44
Natural Gas	7.45	6.84	6.96	7.24	7.33	7.47	7.52	7.58	7.69	7.63	7.64	7.66	7.71
Natural-Gas-to-Liquids Heat and Power	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
Lease and Plant Fuel 6/ Natural Gas Subtotal	1.13 8.58	1.10 7.94	1.12 8.08	1.10 8.34	1.10 8.43	1.09 8.56	1.07 8.60	1.07 8.65	1.05 8.74	1.04 8.67	1.05 8.69	1.06 8.72	1.07 8.78
Metallurgical Coal	0.65	0.62	0.66	0.62	0.61	0.60	0.59	0.58	0.57	0.57	0.56	0.56	0.55
Other Industrial Coal	1.40	1.35	1.37	1.35	1.37	1.37	1.37	1.36	1.35	1.35	1.35	1.35	1.35
Coal-to-Liquids Heat and Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.12	0.16	0.21	0.29	0.39
Net Coal Coke Imports	0.14	0.04	0.06	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Coal Subtotal	2.18	2.01	2.08	1.99	2.00	1.99	1.98	2.04	2.06	2.09	2.14	2.21	2.30
Biofuels Heat and Coproducts	0.21	0.24	0.32	0.35	0.45	0.64	0.71	0.73	0.74	0.74	0.74	0.74	0.75
Renewable Energy 7/ Electricity	1.70 3.48	1.44 3.48	1.57 3.48	1.58 3.56	1.58 3.57	1.57 3.56	1.58 3.58	1.60 3.60	1.62 3.62	1.63 3.64	1.65 3.66	1.67 3.68	1.70 3.71
Delivered Energy	26.24	24.85	25.33	25.49	25.66	25.81	25.92	26.06	26.14	26.21	26.29	26.44	26.68
Electricity Related Losses	7.68	7.60	7.58	7.74	7.72	7.71	7.75	7.77	7.79	7.81	7.82	7.85	7.88
Total	33.92	32.45	32.91	33.22	33.38	33.52	33.67	33.84	33.93	34.02	34.12	34.29	34.56
Transportation													
Liquefied Petroleum Gases	0.03	0.04	0.04	0.06	0.06	0.06	0.05	0.06	0.06	0.07	0.07	0.08	0.08

Table 2. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
E85 8/	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
Motor Gasoline 2/	17.01	17.00	17.18	17.12	17.07	17.05	17.06	17.11	17.16	17.20	17.26	17.32	17.40
Jet Fuel 9/	3.38	3.37	3.41	3.53	3.65	3.81	4.00	4.10	4.16	4.21	4.25	4.30	4.34
Distillate Fuel Oil 10/	5.93	6.02	6.17	6.31	6.40	6.48	6.58	6.70	6.82	6.93	7.02	7.12	7.24
Residual Fuel Oil	0.74	0.81	0.74	0.76	0.78	0.80	0.82	0.82	0.83	0.83	0.83	0.83	0.83
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
Other Petroleum 11/	0.15	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.19	0.19
Liquid Fuels and Other Petroleum Subtotal	27.25	27.42	27.72	27.96	28.15	28.39	28.71	28.99	29.21	29.42	29.63	29.83	30.09
Pipeline Fuel Natural Gas	0.59	0.58	0.57	0.63	0.64	0.64	0.64	0.65	0.65	0.65	0.66	0.66	0.67
Compressed Natural Gas	0.03	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08
Electricity	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
Delivered Energy	27.89	28.05	28.36	28.66	28.87	29.12	29.44	29.73	29.96	30.17	30.39	30.61	30.87
Electricity Related Losses	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07
Total	27.94	28.11	28.41	28.72	28.93	29.18	29.50	29.79	30.02	30.24	30.46	30.67	30.94
Delivered Energy Consumption, All Sectors													
Liquefied Petroleum Gases	2.93	2.77	2.85	2.96	2.99	2.96	2.93	2.93	2.93	2.93	2.94	2.95	2.96
E85 8/	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
Motor Gasoline 2/	17.38	17.37	17.55	17.49	17.44	17.41	17.43	17.48	17.53	17.57	17.63	17.69	17.77
Jet Fuel 9/	3.38	3.37	3.41	3.53	3.65	3.81	4.00	4.10	4.16	4.21	4.25	4.30	4.34
Kerosene	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Distillate Fuel Oil	8.54	8.65	8.85	8.90	8.94	8.99	9.06	9.18	9.28	9.38	9.47	9.55	9.67
Residual Fuel Oil	1.08	1.17	1.09	1.08	1.10	1.11	1.13	1.13	1.12	1.12	1.11	1.11	1.11
Petrochemical Feedstocks	1.54	1.38	1.32	1.42	1.47	1.46	1.47	1.47	1.47	1.46	1.46	1.46	1.46
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
Other Petroleum 12/	4.66	4.61	4.59	4.36	4.31	4.24	4.26	4.26	4.19	4.26	4.26	4.26	4.27
Liquid Fuels and Other Petroleum Subtotal	39.65	39.46	39.80	39.88	40.03	40.13	40.43	40.68	40.82	41.08	41.27	41.47	41.73
Natural Gas	15.71	15.01	14.63	15.42	15.65	15.85	15.98	16.13	16.35	16.37	16.45	16.54	16.65
Natural-Gas-to-Liquids Heat and Power	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
Lease and Plant Fuel 6/	1.13	1.10	1.12	1.10	1.10	1.09	1.07	1.07	1.05	1.04	1.05	1.06	1.07
Pipeline Natural Gas	0.59	0.58	0.57	0.63	0.64	0.64	0.64	0.65	0.65	0.65	0.66	0.66	0.67
Natural Gas Subtotal	17.44	16.68	16.31	17.15	17.39	17.59	17.70	17.85	18.06	18.07	18.15	18.26	18.38
Metallurgical Coal	0.65	0.62	0.66	0.62	0.61	0.60	0.59	0.58	0.57	0.57	0.56	0.56	0.55
Other Coal	1.51	1.46	1.46	1.45	1.47	1.48	1.48	1.47	1.46	1.46	1.46	1.45	1.45
Coal-to-Liquids Heat and Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.12	0.16	0.21	0.29	0.39
Net Coal Coke Imports	0.14	0.04	0.06	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Coal Subtotal	2.30	2.12	2.18	2.09	2.11	2.09	2.08	2.15	2.17	2.20	2.25	2.31	2.41
Biofuels Heat and Coproducts	0.21	0.24	0.32	0.35	0.45	0.64	0.71	0.73	0.74	0.74	0.74	0.74	0.75
Renewable Energy 13/	2.21	1.97	2.10	2.13	2.13	2.12	2.13	2.15	2.16	2.18	2.20	2.22	2.25
Electricity	12.11	12.49	12.60	12.82	13.07	13.22	13.40	13.58	13.78	13.96	14.13	14.31	14.51
Delivered Energy	73.92	72.97	73.30	74.43	75.19	75.79	76.46	77.13	77.72	78.23	78.74	79.31	80.03
Electricity Related Losses	26.75	27.23	27.45	27.87	28.24	28.60	29.00	29.34	29.68	29.93	30.25	30.55	30.86
Total	100.67	100.19	100.75	102.30	103.43	104.40	105.46	106.47	107.40	108.16	108.99	109.86	110.89
Electric Power 14/													
Distillate Fuel Oil	0.15	0.19	0.20	0.21	0.21	0.23	0.23	0.24	0.24	0.24	0.24	0.25	0.25
Residual Fuel Oil	0.99	0.96	0.57	0.65	0.67	0.65	0.66	0.65	0.69	0.63	0.61	0.57	0.56
Liquid Fuels and Other Petroleum Subtotal	1.14	1.16	0.77	0.85	0.88	0.88	0.89	0.89	0.93	0.87	0.85	0.81	0.81
Natural Gas	5.61	5.95	6.05	6.07	6.50	6.50	6.13	6.06	6.05	6.20	6.08	6.16	6.15
Steam Coal	20.30	20.75	20.96	21.15	21.23	21.59	22.36	22.87	23.24	23.52	24.04	24.31	24.63
Nuclear Power	8.22	8.13	8.20	8.28	8.25	8.21	8.23	8.25	8.38	8.40	8.43	8.49	8.61
Renewable Energy 15/	3.55	3.64	3.97	4.27	4.40	4.61	4.74	4.80	4.80	4.83	4.92	5.06	5.13
Electricity Imports	0.04	0.08	0.09	0.06	0.05	0.03	0.05	0.04	0.05	0.06	0.06	0.03	0.04
Total	38.86	39.71	40.05	40.69	41.31	41.82	42.40	42.92	43.45	43.88	44.38	44.86	45.37

Table 2. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Total Energy Consumption													
Liquefied Petroleum Gases	2.93	2.77	2.85	2.96	2.99	2.96	2.93	2.93	2.93	2.93	2.94	2.95	2.96
E85 8/	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
Motor Gasoline 2/	17.38	17.37	17.55	17.49	17.44	17.41	17.43	17.48	17.53	17.57	17.63	17.69	17.77
Jet Fuel 9/	3.38	3.37	3.41	3.53	3.65	3.81	4.00	4.10	4.16	4.21	4.25	4.30	4.34
Kerosene	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Distillate Fuel Oil	8.69	8.84	9.05	9.11	9.15	9.21	9.30	9.41	9.52	9.62	9.71	9.80	9.91
Residual Fuel Oil	2.07	2.14	1.66	1.73	1.76	1.77	1.79	1.78	1.81	1.75	1.72	1.68	1.67
Petrochemical Feedstocks	1.54	1.38	1.32	1.42	1.47	1.46	1.47	1.47	1.47	1.46	1.46	1.46	1.46
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
Other Petroleum 12/	4.66	4.61	4.59	4.36	4.31	4.24	4.26	4.26	4.19	4.26	4.26	4.26	4.27
Liquid Fuels and Other Petroleum Subtotal	40.79	40.61	40.57	40.74	40.91	41.01	41.32	41.57	41.75	41.96	42.12	42.28	42.54
Natural Gas	21.33	20.96	20.68	21.49	22.15	22.35	22.12	22.19	22.40	22.57	22.53	22.69	22.80
Natural-Gas-to-Liquids Heat and Power	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
Lease and Plant Fuel 6/	1.13	1.10	1.12	1.10	1.10	1.09	1.07	1.07	1.05	1.04	1.05	1.06	1.07
Pipeline Natural Gas	0.59	0.58	0.57	0.63	0.64	0.64	0.64	0.65	0.65	0.65	0.66	0.66	0.67
Natural Gas Subtotal	23.05	22.63	22.37	23.22	23.89	24.08	23.83	23.91	24.11	24.26	24.23	24.42	24.53
Metallurgical Coal	0.65	0.62	0.66	0.62	0.61	0.60	0.59	0.58	0.57	0.57	0.56	0.56	0.55
Other Coal	21.81	22.21	22.42	22.60	22.70	23.07	23.84	24.34	24.71	24.98	25.50	25.77	26.09
Coal-to-Liquids Heat and Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.12	0.16	0.21	0.29	0.39
Net Coal Coke Imports	0.14	0.04	0.06	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Coal Subtotal	22.60	22.87	23.13	23.25	23.34	23.69	24.45	25.02	25.41	25.72	26.29	26.63	27.04
Nuclear Power	8.22	8.13	8.20	8.28	8.25	8.21	8.23	8.25	8.38	8.40	8.43	8.49	8.61
Biofuels Heat and Coproducts	0.21	0.24	0.32	0.35	0.45	0.64	0.71	0.73	0.74	0.74	0.74	0.74	0.75
Renewable Energy 16/	5.76	5.61	6.07	6.40	6.53	6.74	6.87	6.95	6.96	7.01	7.11	7.28	7.38
Electricity Imports	0.04	0.08	0.09	0.06	0.05	0.03	0.05	0.04	0.05	0.06	0.06	0.03	0.04
Total	100.67	100.19	100.75	102.30	103.43	104.40	105.46	106.47	107.40	108.16	108.99	109.86	110.89
Energy Use & Related Statistics													
Delivered Energy Use	73.92	72.97	73.30	74.43	75.19	75.79	76.46	77.13	77.72	78.23	78.74	79.31	80.03
Total Energy Use	100.67	100.19	100.75	102.30	103.43	104.40	105.46	106.47	107.40	108.16	108.99	109.86	110.89
Ethanol Consumed in Motor Gasoline and E85	0.29	0.33	0.45	0.51	0.63	0.87	0.95	0.95	0.96	0.98	0.98	0.99	1.00
Population (millions)	294.23	296.94	299.63	302.29	304.93	307.60	310.26	312.93	315.61	318.30	321.00	323.70	326.39
Gross Domestic Product (billion 2000 dollars)	10704	11049	11415	11699	12037	12366	12708	13067	13399	13750	14139	14545	15000
Carbon Dioxide Emissions (million metric tons)	5923.1	5945.3	5939.7	5996.5	6042.6	6081.1	6155.6	6231.7	6291.2	6341.4	6404.7	6455.5	6516.6

Table 2. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Residential															
Liquefied Petroleum Gases	0.56	0.56	0.57	0.57	0.58	0.58	0.58	0.59	0.59	0.60	0.60	0.60	0.61	0.61	0.7%
Kerosene	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	-0.7%
Distillate Fuel Oil	0.80	0.79	0.77	0.76	0.75	0.74	0.73	0.72	0.70	0.69	0.68	0.67	0.66	0.65	-1.4%
Liquid Fuels and Other Petroleum Subtotal	1.45	1.44	1.43	1.42	1.41	1.40	1.39	1.39	1.38	1.37	1.36	1.36	1.35	1.34	-0.5%
Natural Gas	5.28	5.30	5.34	5.37	5.36	5.37	5.36	5.38	5.37	5.37	5.36	5.38	5.36	5.35	0.3%
Coal	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	-1.2%
Renewable Energy 1/ Electricity	0.42	0.42	0.42	0.43	0.42	0.42	0.42	0.42	0.42	0.41	0.41	0.41	0.41	0.41	0.0%
Delivered Energy	5.53	5.60	5.68	5.77	5.82	5.89	5.96	6.04	6.10	6.17	6.25	6.33	6.39	6.46	1.3%
Electricity Related Losses	12.69	12.77	12.88	13.00	13.03	13.09	13.15	13.24	13.28	13.34	13.40	13.49	13.51	13.57	0.6%
Electricity Related Losses	11.72	11.83	11.92	12.05	12.05	12.11	12.17	12.27	12.30	12.35	12.41	12.49	12.49	12.54	0.8%
Total	24.42	24.60	24.80	25.05	25.08	25.20	25.31	25.51	25.58	25.69	25.80	25.98	26.00	26.11	0.7%
Commercial															
Liquefied Petroleum Gases	0.09	0.09	0.10	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.4%
Motor Gasoline 2/ Kerosene	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	0.6%
Distillate Fuel Oil	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	0.2%
Residual Fuel Oil	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	-0.2%
Liquid Fuels and Other Petroleum Subtotal	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	-0.2%
Natural Gas	0.74	0.74	0.74	0.74	0.74	0.74	0.75	0.75	0.75	0.75	0.76	0.76	0.76	0.76	-0.1%
Coal	3.59	3.63	3.70	3.75	3.78	3.82	3.85	3.89	3.94	3.97	4.01	4.05	4.09	4.13	1.1%
Renewable Energy 3/ Electricity	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	-0.1%
Delivered Energy	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	0.0%
Electricity Related Losses	5.39	5.49	5.59	5.71	5.81	5.93	6.04	6.16	6.28	6.40	6.53	6.67	6.80	6.94	1.9%
Electricity Related Losses	9.94	10.08	10.25	10.41	10.56	10.71	10.86	11.02	11.19	11.35	11.52	11.69	11.88	12.05	1.4%
Total	11.45	11.60	11.74	11.90	12.03	12.18	12.33	12.49	12.65	12.81	12.98	13.16	13.30	13.48	1.4%
Total	21.38	21.68	21.99	22.31	22.59	22.89	23.19	23.51	23.84	24.16	24.50	24.85	25.18	25.53	1.4%
Industrial 4/															
Liquefied Petroleum Gases	2.23	2.22	2.23	2.25	2.26	2.26	2.28	2.29	2.30	2.31	2.33	2.35	2.37	2.38	0.4%
Motor Gasoline 2/ Distillate Fuel Oil	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.34	0.34	0.34	0.34	0.34	0.35	0.3%
Residual Fuel Oil	1.18	1.18	1.18	1.19	1.20	1.20	1.20	1.20	1.21	1.23	1.23	1.23	1.24	1.25	0.1%
Petrochemical Feedstocks	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	-1.6%
Other Petroleum 5/ Liquid Fuels and Other Petroleum Subtotal	1.46	1.46	1.47	1.48	1.48	1.48	1.48	1.49	1.49	1.50	1.50	1.51	1.52	1.53	0.4%
Natural Gas	4.12	4.16	4.14	4.16	4.05	4.25	4.22	4.32	4.36	4.34	4.45	4.47	4.49	4.53	0.1%
Natural Gas Subtotal	9.46	9.49	9.50	9.56	9.46	9.67	9.66	9.78	9.86	9.86	10.00	10.05	10.11	10.19	0.2%
Natural-Gas-to-Liquids Heat and Power	7.71	7.71	7.86	7.93	8.15	7.98	8.13	8.10	8.18	8.31	8.27	8.33	8.40	8.42	0.8%
Lease and Plant Fuel 6/ Natural Gas Subtotal	0.00	0.00	0.00	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	N/A
Metallurgical Coal	1.07	1.11	1.15	1.19	1.20	1.19	1.19	1.19	1.19	1.19	1.18	1.18	1.18	1.18	0.3%
Other Industrial Coal	8.78	8.82	9.01	9.27	9.50	9.31	9.47	9.44	9.52	9.65	9.61	9.66	9.73	9.75	0.8%
Coal-to-Liquids Heat and Power	0.55	0.54	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	-0.4%
Net Coal Coke Imports	1.34	1.34	1.34	1.34	1.34	1.34	1.35	1.35	1.35	1.36	1.36	1.36	1.36	1.37	0.1%
Coal Subtotal	0.52	0.70	0.94	1.26	1.67	1.89	2.15	2.29	2.52	2.66	3.01	3.06	3.39	3.49	N/A
Biofuels Heat and Coproducts	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	-3.3%
Renewable Energy 7/ Electricity	2.43	2.60	2.84	3.16	3.57	3.79	4.06	4.21	4.44	4.58	4.94	5.00	5.33	5.43	4.1%
Delivered Energy	0.76	0.76	0.77	0.78	0.79	0.80	0.81	0.82	0.84	0.85	0.88	0.91	0.94	0.96	5.6%
Electricity Related Losses	1.72	1.73	1.76	1.78	1.80	1.82	1.85	1.87	1.90	1.93	1.95	1.97	2.00	2.02	1.4%
Total	3.72	3.73	3.77	3.81	3.84	3.87	3.90	3.93	3.98	4.03	4.07	4.12	4.17	4.22	0.8%
Total	26.85	27.13	27.64	28.36	28.96	29.27	29.74	30.06	30.54	30.91	31.44	31.71	32.27	32.57	1.1%
Electricity Related Losses	7.89	7.88	7.91	7.95	7.94	7.95	7.95	7.99	8.03	8.06	8.09	8.14	8.16	8.20	0.3%
Total	34.74	35.01	35.55	36.32	36.89	37.22	37.69	38.04	38.57	38.96	39.54	39.85	40.43	40.77	0.9%
Transportation															
Liquefied Petroleum Gases	0.08	0.09	0.10	0.10	0.11	0.11	0.11	0.12	0.12	0.12	0.13	0.13	0.14	0.14	5.4%

Table 2. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
E85 8/	0.01	0.02	0.02	0.04	0.05	0.07	0.08	0.10	0.12	0.15	0.19	0.23	0.28	0.30	23.7%
Motor Gasoline 2/	17.50	17.59	17.69	17.80	17.91	18.02	18.16	18.30	18.44	18.58	18.72	18.84	18.97	19.04	0.5%
Jet Fuel 9/	4.39	4.43	4.47	4.48	4.47	4.46	4.44	4.41	4.39	4.36	4.33	4.30	4.28	4.26	1.0%
Distillate Fuel Oil 10/	7.33	7.42	7.55	7.69	7.82	7.98	8.13	8.30	8.50	8.69	8.90	9.11	9.32	9.54	1.9%
Residual Fuel Oil	0.84	0.84	0.84	0.84	0.85	0.85	0.85	0.85	0.86	0.86	0.86	0.86	0.87	0.87	0.3%
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	42.7%
Other Petroleum 11/	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.20	0.3%
Liquid Fuels and Other Petroleum Subtotal	30.34	30.58	30.86	31.14	31.40	31.67	31.96	32.28	32.62	32.96	33.32	33.68	34.05	34.35	0.9%
Pipeline Fuel Natural Gas	0.66	0.69	0.73	0.74	0.75	0.74	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.0%
Compressed Natural Gas	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	5.5%
Electricity	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	1.7%
Delivered Energy	31.12	31.39	31.72	32.01	32.28	32.55	32.85	33.17	33.51	33.86	34.22	34.58	34.96	35.26	0.9%
Electricity Related Losses	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	1.3%
Total	31.19	31.46	31.79	32.08	32.35	32.62	32.92	33.24	33.58	33.93	34.29	34.65	35.03	35.34	0.9%
Delivered Energy Consumption, All Sectors															
Liquefied Petroleum Gases	2.96	2.97	3.00	3.02	3.03	3.05	3.07	3.09	3.11	3.13	3.15	3.18	3.21	3.23	0.6%
E85 8/	0.01	0.02	0.02	0.04	0.05	0.07	0.08	0.10	0.12	0.15	0.19	0.23	0.28	0.30	23.7%
Motor Gasoline 2/	17.88	17.97	18.07	18.18	18.29	18.41	18.55	18.69	18.83	18.98	19.11	19.24	19.37	19.44	0.5%
Jet Fuel 9/	4.39	4.43	4.47	4.48	4.47	4.46	4.44	4.41	4.39	4.36	4.33	4.30	4.28	4.26	1.0%
Kerosene	0.14	0.14	0.14	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	-0.4%
Distillate Fuel Oil	9.75	9.82	9.94	10.08	10.21	10.35	10.50	10.67	10.86	11.06	11.27	11.47	11.68	11.90	1.3%
Residual Fuel Oil	1.12	1.12	1.12	1.12	1.12	1.12	1.13	1.13	1.13	1.14	1.14	1.14	1.15	1.15	-0.1%
Petrochemical Feedstocks	1.46	1.46	1.47	1.48	1.48	1.48	1.48	1.49	1.49	1.50	1.50	1.51	1.52	1.53	0.4%
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	42.7%
Other Petroleum 12/	4.29	4.32	4.30	4.33	4.22	4.42	4.39	4.49	4.53	4.51	4.62	4.64	4.66	4.70	0.1%
Liquid Fuels and Other Petroleum Subtotal	41.99	42.24	42.53	42.86	43.02	43.49	43.77	44.20	44.60	44.95	45.44	45.85	46.27	46.65	0.7%
Natural Gas	16.67	16.74	16.99	17.14	17.40	17.26	17.44	17.48	17.60	17.76	17.77	17.88	17.97	18.02	0.7%
Natural-Gas-to-Liquids Heat and Power	0.00	0.00	0.00	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	N/A
Lease and Plant Fuel 6/	1.07	1.11	1.15	1.19	1.20	1.19	1.19	1.19	1.19	1.19	1.18	1.18	1.18	1.18	0.3%
Pipeline Natural Gas	0.66	0.69	0.73	0.74	0.75	0.74	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.0%
Natural Gas Subtotal	18.40	18.54	18.87	19.22	19.49	19.34	19.53	19.57	19.68	19.85	19.85	19.95	20.04	20.10	0.7%
Metallurgical Coal	0.55	0.54	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	-0.4%
Other Coal	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.46	1.46	1.46	1.47	1.47	1.47	1.47	0.0%
Coal-to-Liquids Heat and Power	0.52	0.70	0.94	1.26	1.67	1.89	2.15	2.29	2.52	2.66	3.01	3.06	3.39	3.49	N/A
Net Coal Coke Imports	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	-3.3%
Coal Subtotal	2.53	2.71	2.95	3.27	3.68	3.90	4.16	4.31	4.55	4.69	5.04	5.11	5.43	5.54	3.9%
Biofuels Heat and Coproducts	0.76	0.76	0.77	0.78	0.79	0.80	0.81	0.82	0.84	0.85	0.88	0.91	0.94	0.96	5.6%
Renewable Energy 13/	2.26	2.28	2.30	2.33	2.35	2.37	2.38	2.41	2.44	2.46	2.48	2.51	2.53	2.55	1.4%
Electricity	14.67	14.85	15.07	15.32	15.51	15.72	15.93	16.17	16.40	16.64	16.89	17.16	17.40	17.66	1.0%
Delivered Energy	80.60	81.38	82.49	83.78	84.82	85.61	86.59	87.48	88.51	89.45	90.58	91.48	92.62	93.45	1.0%
Electricity Related Losses	31.12	31.37	31.64	31.97	32.08	32.32	32.52	32.82	33.06	33.29	33.55	33.86	34.03	34.29	0.9%
Total	111.73	112.75	114.13	115.75	116.90	117.93	119.11	120.31	121.57	122.74	124.13	125.34	126.64	127.74	1.0%
Electric Power 14/															
Distillate Fuel Oil	0.25	0.25	0.25	0.26	0.26	0.26	0.26	0.27	0.27	0.27	0.27	0.27	0.27	0.28	1.4%
Residual Fuel Oil	0.56	0.56	0.56	0.56	0.57	0.58	0.58	0.58	0.58	0.59	0.59	0.59	0.59	0.59	-1.9%
Liquid Fuels and Other Petroleum Subtotal	0.81	0.81	0.81	0.82	0.82	0.84	0.84	0.85	0.85	0.86	0.86	0.86	0.87	0.87	-1.1%
Natural Gas	5.91	5.81	5.67	5.48	5.28	5.17	5.09	5.04	4.96	4.81	4.67	4.55	4.42	4.50	-1.1%
Steam Coal	25.03	25.43	25.88	26.33	26.62	27.02	27.38	27.82	28.23	28.73	29.28	29.86	30.29	30.85	1.6%
Nuclear Power	8.79	8.98	9.17	9.39	9.57	9.69	9.78	9.92	10.06	10.18	10.26	10.37	10.44	10.31	1.0%
Renewable Energy 15/	5.19	5.14	5.13	5.24	5.26	5.28	5.30	5.32	5.30	5.29	5.30	5.30	5.32	5.33	1.5%
Electricity Imports	0.06	0.04	0.05	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.08	0.09	0.08	0.0%
Total	45.79	46.22	46.71	47.30	47.59	48.04	48.45	48.99	49.46	49.93	50.44	51.02	51.43	51.95	1.1%

Table 2. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Total Energy Consumption															
Liquefied Petroleum Gases	2.96	2.97	3.00	3.02	3.03	3.05	3.07	3.09	3.11	3.13	3.15	3.18	3.21	3.23	0.6%
E85 8/	0.01	0.02	0.02	0.04	0.05	0.07	0.08	0.10	0.12	0.15	0.19	0.23	0.28	0.30	23.7%
Motor Gasoline 2/	17.88	17.97	18.07	18.18	18.29	18.41	18.55	18.69	18.83	18.98	19.11	19.24	19.37	19.44	0.5%
Jet Fuel 9/	4.39	4.43	4.47	4.48	4.47	4.46	4.44	4.41	4.39	4.36	4.33	4.30	4.28	4.26	1.0%
Kerosene	0.14	0.14	0.14	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	-0.4%
Distillate Fuel Oil	9.99	10.07	10.19	10.34	10.47	10.61	10.76	10.93	11.13	11.33	11.54	11.74	11.96	12.17	1.3%
Residual Fuel Oil	1.68	1.68	1.68	1.68	1.69	1.70	1.71	1.71	1.72	1.72	1.73	1.73	1.74	1.74	-0.8%
Petrochemical Feedstocks	1.46	1.46	1.47	1.48	1.48	1.48	1.48	1.49	1.49	1.50	1.50	1.51	1.52	1.53	0.4%
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	42.7%
Other Petroleum 12/	4.29	4.32	4.30	4.33	4.22	4.42	4.39	4.49	4.53	4.51	4.62	4.64	4.66	4.70	0.1%
Liquid Fuels and Other Petroleum Subtotal	42.79	43.05	43.34	43.68	43.84	44.33	44.61	45.05	45.46	45.81	46.30	46.71	47.14	47.52	0.6%
Natural Gas	22.58	22.55	22.65	22.62	22.67	22.43	22.53	22.52	22.55	22.58	22.44	22.43	22.38	22.52	0.3%
Natural-Gas-to-Liquids Heat and Power	0.00	0.00	0.00	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	N/A
Lease and Plant Fuel 6/	1.07	1.11	1.15	1.19	1.20	1.19	1.19	1.19	1.19	1.19	1.18	1.18	1.18	1.18	0.3%
Pipeline Natural Gas	0.66	0.69	0.73	0.74	0.75	0.74	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.0%
Natural Gas Subtotal	24.31	24.35	24.54	24.70	24.77	24.51	24.62	24.61	24.64	24.67	24.52	24.51	24.46	24.60	0.3%
Metallurgical Coal	0.55	0.54	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	-0.4%
Other Coal	26.48	26.87	27.33	27.78	28.07	28.47	28.83	29.27	29.69	30.20	30.75	31.33	31.76	32.32	1.5%
Coal-to-Liquids Heat and Power	0.52	0.70	0.94	1.26	1.67	1.89	2.15	2.29	2.52	2.66	3.01	3.06	3.39	3.49	N/A
Net Coal Coke Imports	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	-3.3%
Coal Subtotal	27.56	28.14	28.83	29.60	30.30	30.92	31.54	32.13	32.79	33.42	34.33	34.97	35.73	36.39	1.9%
Nuclear Power	8.79	8.98	9.17	9.39	9.57	9.69	9.78	9.92	10.06	10.18	10.26	10.37	10.44	10.31	1.0%
Biofuels Heat and Coproducts	0.76	0.76	0.77	0.78	0.79	0.80	0.81	0.82	0.84	0.85	0.88	0.91	0.94	0.96	5.6%
Renewable Energy 16/	7.45	7.42	7.43	7.57	7.60	7.65	7.69	7.73	7.74	7.75	7.78	7.80	7.85	7.89	1.4%
Electricity Imports	0.06	0.04	0.05	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.08	0.09	0.08	0.0%
Total	111.73	112.75	114.13	115.75	116.90	117.93	119.11	120.31	121.57	122.74	124.13	125.34	126.64	127.74	1.0%
Energy Use & Related Statistics															
Delivered Energy Use	80.60	81.38	82.49	83.78	84.82	85.61	86.59	87.48	88.51	89.45	90.58	91.48	92.62	93.45	1.0%
Total Energy Use	111.73	112.75	114.13	115.75	116.90	117.93	119.11	120.31	121.57	122.74	124.13	125.34	126.64	127.74	1.0%
Ethanol Consumed in Motor Gasoline and E85	1.01	1.02	1.03	1.05	1.06	1.08	1.10	1.12	1.14	1.17	1.20	1.24	1.28	1.30	5.6%
Population (millions)	329.09	331.77	334.46	337.13	339.82	342.53	345.26	348.01	350.78	353.57	356.38	359.21	362.07	364.94	0.8%
Gross Domestic Product (billion 2000 dollars)	15493	15973	16486	17027	17537	18042	18559	19098	19655	20210	20763	21313	21887	22472	2.9%
Carbon Dioxide Emissions (million metric tons)	6571.0	6643.9	6737.4	6830.5	6910.1	6986.8	7068.9	7151.0	7239.1	7322.4	7429.7	7513.7	7608.7	7701.0	1.0%

Table 2. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)

1/ Includes wood used for residential heating. See Table 4 and/or Table 17 for estimates of nonmarketed renewable energy consumption for geothermal heat pumps, solar thermal hot water heating, and solar photovoltaic electricity generation.

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

3/ Includes commercial sector consumption of wood and wood waste, landfill gas, municipal solid waste, and other biomass for combined heat and power. See Table 5 and/or Table 17 for estimates of nonmarketed renewable energy consumption for solar thermal hot water heating and solar photovoltaic electricity generation.

4/ Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.

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

6/ Represents natural gas used in well, field, and lease operations, and in natural gas processing plant machinery.

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

8/ E85 refers to a blend of 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable). To address cold starting issues, the percentage of ethanol actually varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

9/ Includes only kerosene type.

10/ Diesel fuel for on- and off- road use.

11/ Includes aviation gasoline and lubricants.

12/ Includes unfinished oils, natural gasoline, motor gasoline blending components, aviation gasoline, lubricants, still gas, asphalt, road oil, petroleum coke, tire-derived fuel, and miscellaneous petroleum products.

13/ 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, buildings photovoltaic systems, and solar thermal hot water heaters.

14/ Includes consumption of energy by electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public. Includes small power producers and exempt wholesale generators.

15/ Includes conventional hydroelectric, geothermal, wood and wood waste, municipal solid waste, other biomass, petroleum coke, wind, photovoltaic and solar thermal sources. Excludes net electricity imports.

16/ 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, buildings photovoltaic systems, 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. Data for 2004 and 2005 are model results and may differ slightly from official EIA data reports. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 2004 and 2005 consumption based on: Energy Information Administration (EIA), Annual Energy Review 2005, DOE/EIA-0384(2005) (Washington, DC, July 2006). 2004 and 2005 population and gross domestic product: Global Insight macroeconomic model CTL0806. 2004 and 2005 carbon dioxide emissions: EIA, Emissions of Greenhouse Gases in the United States 2005, DOE/EIA-0573(2005) (Washington, DC, November 2006). Projections: EIA, AEO2007 National Energy Modeling System run hp2007.d112106a.

Table 3. Energy Prices by Sector and Source
(2005 dollars per million Btu, unless otherwise noted)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Residential													
Liquefied Petroleum Gases	18.21	19.29	21.16	24.63	24.84	24.53	24.29	24.14	23.80	23.69	23.75	23.78	23.94
Distillate Fuel Oil	12.89	14.73	16.91	17.60	17.14	16.73	16.58	16.42	16.26	16.34	16.93	17.38	17.86
Natural Gas	10.72	12.43	13.04	11.93	12.09	11.82	11.59	11.46	11.15	11.05	11.10	11.14	11.30
Electricity	27.10	27.59	27.62	27.51	27.55	27.66	27.58	27.37	27.26	26.98	27.00	26.96	27.16
Commercial													
Distillate Fuel Oil	10.48	12.68	14.63	15.37	14.83	14.51	14.58	14.57	14.43	14.61	15.05	15.47	15.96
Residual Fuel Oil	6.25	8.41	10.10	7.57	8.16	7.97	7.31	7.43	8.00	8.56	9.69	10.16	10.52
Natural Gas	9.40	11.20	11.38	10.36	10.49	10.18	9.94	9.78	9.44	9.31	9.34	9.36	9.50
Electricity	24.59	25.25	25.73	25.36	25.49	25.50	25.28	24.90	24.81	24.50	24.52	24.53	24.81
Industrial 1/													
Liquefied Petroleum Gases	11.18	16.96	18.96	17.58	17.72	17.31	17.09	16.87	16.44	16.40	16.45	16.47	16.63
Distillate Fuel Oil	10.99	13.08	15.14	15.50	14.80	14.63	14.94	15.23	15.13	15.43	15.71	16.13	16.59
Residual Fuel Oil	5.77	7.77	9.34	9.70	10.81	10.79	10.74	10.04	10.71	11.26	12.07	12.63	13.15
Natural Gas 2/	6.47	8.16	7.45	7.45	7.62	7.29	7.03	6.88	6.52	6.43	6.47	6.50	6.65
Metallurgical Coal	2.31	3.06	3.25	3.30	3.30	3.19	3.11	3.01	2.91	2.81	2.77	2.74	2.75
Other Industrial Coal	1.80	2.15	2.20	2.24	2.26	2.26	2.30	2.31	2.30	2.28	2.28	2.28	2.29
Coal to Liquids	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.91	0.92	0.93	0.95	1.04	1.11
Electricity	15.88	16.69	18.25	18.79	19.04	18.99	18.64	18.07	17.68	17.34	17.33	17.31	17.55
Transportation													
Liquefied Petroleum Gases 3/	19.68	23.92	26.81	22.82	23.04	22.75	24.88	24.73	24.37	24.20	24.23	24.22	24.35
E85 4/	20.91	23.10	24.81	27.44	27.25	26.86	22.41	21.94	21.92	22.22	22.14	22.32	22.90
Motor Gasoline 5/	15.72	18.64	21.15	20.83	21.06	20.87	20.64	20.66	20.92	21.27	21.51	22.19	22.47
Jet Fuel 6/	9.22	13.14	14.96	12.93	12.35	12.50	12.84	12.98	13.21	13.67	14.08	14.42	14.92
Distillate Fuel Oil 7/	13.58	17.52	19.79	19.58	18.76	18.49	18.76	18.77	18.67	19.01	19.24	19.63	20.12
Residual Fuel Oil	4.85	5.51	7.16	9.24	9.54	9.61	9.83	10.13	10.56	10.75	11.11	11.38	11.62
Natural Gas 8/	11.91	14.76	11.99	12.34	12.62	13.13	14.90	14.78	14.57	14.54	14.59	14.74	14.88
Electricity	26.10	25.22	26.11	25.68	25.95	25.99	25.66	25.34	25.34	24.97	24.95	24.93	25.20
Electric Power 9/													
Distillate Fuel Oil	9.52	11.38	13.24	14.42	14.12	13.76	13.59	13.29	13.06	13.03	13.55	14.00	14.41
Residual Fuel Oil	4.99	6.96	7.85	7.32	7.63	7.64	7.59	7.81	8.27	8.70	9.22	9.67	9.95
Natural Gas	6.11	8.18	6.97	7.20	7.39	7.05	6.75	6.58	6.24	6.15	6.19	6.22	6.37
Steam Coal	1.40	1.53	1.67	1.69	1.71	1.72	1.74	1.72	1.70	1.68	1.68	1.68	1.68
Average Price to All Users 10/													
Liquefied Petroleum Gases	12.69	17.48	19.46	19.07	19.22	18.86	18.68	18.50	18.12	18.07	18.14	18.19	18.36
E85 4/	20.91	23.10	24.81	27.44	27.25	26.86	22.41	21.94	21.92	22.22	22.14	22.32	22.90
Motor Gasoline 5/	15.71	18.60	21.11	20.83	21.06	20.87	20.64	20.66	20.92	21.27	21.51	22.19	22.47
Jet Fuel	9.22	13.14	14.96	12.93	12.35	12.50	12.84	12.98	13.21	13.67	14.08	14.42	14.92
Distillate Fuel Oil	12.91	16.22	18.42	18.40	17.70	17.45	17.64	17.63	17.59	17.99	18.27	18.69	19.18
Residual Fuel Oil	5.10	6.59	7.92	8.43	8.84	8.87	8.90	9.07	9.51	9.89	10.42	10.82	11.12
Natural Gas	7.83	9.65	9.14	8.86	9.00	8.68	8.46	8.32	7.99	7.89	7.95	7.97	8.13
Metallurgical Coal	2.31	3.06	3.25	3.30	3.30	3.19	3.11	3.01	2.91	2.81	2.77	2.74	2.75
Other Coal	1.43	1.57	1.71	1.73	1.75	1.76	1.77	1.75	1.73	1.71	1.71	1.71	1.72
Coal to Liquids	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.91	0.92	0.93	0.95	1.04	1.11
Electricity	23.01	23.73	24.37	24.34	24.50	24.56	24.37	24.02	23.86	23.57	23.59	23.59	23.84

Table 3. Energy Prices by Sector and Source
(2005 dollars per million Btu, unless otherwise noted)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Non-Renewable Energy Expenditures by Sector (billion 2005 dollars)													
Residential	195.99	215.13	218.75	222.00	226.21	226.84	227.60	227.96	228.24	227.95	230.76	233.05	237.82
Commercial	141.78	154.38	157.80	156.40	161.37	162.96	163.50	163.99	165.32	166.50	169.72	172.79	177.49
Industrial	184.23	196.07	205.40	219.45	220.45	216.89	213.85	211.48	207.57	207.62	209.57	211.73	216.59
Transportation	385.00	474.66	545.73	536.18	535.63	534.84	538.62	544.23	553.97	569.13	580.75	601.04	616.83
Total Non-Renewable Expenditures	907.00	1040.25	1127.67	1134.03	1143.66	1141.52	1143.57	1147.66	1155.10	1171.20	1190.80	1218.62	1248.74
Transportation Renewable Expenditures	0.02	0.03	0.05	0.04	0.05	0.06	0.09	0.10	0.12	0.13	0.16	0.22	0.28
Total Expenditures	907.02	1040.29	1127.72	1134.07	1143.71	1141.58	1143.66	1147.76	1155.22	1171.33	1190.96	1218.83	1249.02

Table 3. Energy Prices by Sector and Source
(2005 dollars per million Btu, unless otherwise noted)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Residential															
Liquefied Petroleum Gases	24.14	23.94	23.68	23.92	24.09	24.23	24.50	24.51	24.65	24.91	25.06	25.25	25.41	25.65	1.1%
Distillate Fuel Oil	18.09	18.46	18.46	18.95	18.87	19.00	19.03	19.23	19.15	19.31	19.42	19.59	19.69	19.84	1.2%
Natural Gas	11.51	11.31	11.07	11.29	11.46	11.62	11.91	11.91	12.07	12.34	12.51	12.71	12.89	13.12	0.2%
Electricity	27.40	27.42	27.09	26.96	27.21	27.28	27.36	27.37	27.39	27.38	27.37	27.30	27.20	27.24	-0.1%
Commercial															
Distillate Fuel Oil	16.19	16.55	16.52	16.85	16.89	16.96	16.99	17.21	17.28	17.39	17.50	17.76	17.82	18.06	1.4%
Residual Fuel Oil	10.76	10.92	11.01	11.35	11.49	11.55	11.67	11.75	11.84	11.90	12.00	12.13	11.95	12.07	1.5%
Natural Gas	9.68	9.46	9.20	9.41	9.56	9.67	9.93	9.92	10.04	10.27	10.41	10.59	10.73	10.99	-0.5%
Electricity	25.11	25.16	24.87	24.67	24.88	25.00	25.15	25.21	25.24	25.27	25.28	25.24	25.21	25.26	0.0%
Industrial 1/															
Liquefied Petroleum Gases	16.83	16.69	16.42	16.66	16.87	16.97	17.20	17.23	17.33	17.56	17.70	17.88	18.03	18.25	0.3%
Distillate Fuel Oil	16.81	17.18	17.12	17.30	17.44	17.53	17.50	17.75	17.94	17.99	18.12	18.45	18.47	18.79	1.5%
Residual Fuel Oil	13.45	13.66	13.87	14.15	14.22	14.32	14.52	14.71	14.90	15.02	15.10	15.30	15.25	15.36	2.8%
Natural Gas 2/	6.83	6.64	6.39	6.61	6.77	6.90	7.16	7.16	7.29	7.52	7.66	7.84	7.99	8.21	0.0%
Metallurgical Coal	2.75	2.76	2.76	2.76	2.78	2.80	2.81	2.81	2.80	2.78	2.75	2.75	2.76	2.78	-0.4%
Other Industrial Coal	2.29	2.29	2.29	2.32	2.34	2.36	2.36	2.37	2.38	2.39	2.40	2.41	2.42	2.43	0.5%
Coal to Liquids	1.19	1.25	1.31	1.42	1.53	1.57	1.59	1.61	1.67	1.68	1.73	1.74	1.77	1.78	N/A
Electricity	17.82	17.85	17.53	17.41	17.56	17.63	17.72	17.78	17.82	17.86	17.85	17.80	17.68	17.72	0.2%
Transportation															
Liquefied Petroleum Gases 3/	24.54	24.27	23.98	24.20	24.33	24.47	24.76	24.74	24.89	25.15	25.29	25.46	25.62	25.85	0.3%
E85 4/	22.87	22.88	22.97	23.33	23.57	23.79	23.93	23.99	24.31	24.58	24.74	25.09	25.42	25.54	0.4%
Motor Gasoline 5/	22.69	23.08	23.48	23.62	23.99	24.27	24.34	24.56	24.94	25.19	25.50	25.84	26.09	26.42	1.4%
Jet Fuel 6/	15.06	15.48	15.60	15.86	16.02	16.22	16.19	16.37	16.59	16.63	16.83	17.09	17.21	17.44	1.1%
Distillate Fuel Oil 7/	20.32	20.66	20.58	20.72	20.90	20.95	20.97	21.23	21.44	21.50	21.60	21.97	21.98	22.20	1.0%
Residual Fuel Oil	12.10	12.43	12.59	12.85	12.93	13.05	13.31	13.51	13.74	13.91	13.97	14.28	14.28	14.38	3.9%
Natural Gas 8/	15.04	14.95	14.84	14.98	15.15	15.28	15.46	15.48	15.64	15.83	15.98	16.16	16.30	16.55	0.5%
Electricity	25.47	25.56	25.14	24.77	24.97	25.05	25.22	25.25	25.16	25.22	25.27	25.24	25.17	25.19	0.0%
Electric Power 9/															
Distillate Fuel Oil	14.68	15.03	15.07	15.34	15.17	15.32	15.23	15.35	15.28	15.35	15.42	15.56	15.59	15.94	1.4%
Residual Fuel Oil	10.43	10.85	10.96	11.24	11.34	11.40	11.59	11.75	11.92	12.05	12.13	12.50	12.45	12.57	2.4%
Natural Gas	6.54	6.36	6.10	6.32	6.51	6.60	6.84	6.86	6.98	7.18	7.29	7.43	7.55	7.79	-0.2%
Steam Coal	1.69	1.69	1.70	1.71	1.73	1.75	1.75	1.76	1.76	1.77	1.77	1.79	1.79	1.80	0.7%
Average Price to All Users 10/															
Liquefied Petroleum Gases	18.57	18.44	18.20	18.44	18.65	18.77	19.00	19.04	19.17	19.40	19.56	19.74	19.89	20.13	0.6%
E85 4/	22.87	22.88	22.97	23.33	23.57	23.79	23.93	23.99	24.31	24.58	24.74	25.09	25.42	25.54	0.4%
Motor Gasoline 5/	22.68	23.08	23.48	23.61	23.99	24.27	24.34	24.55	24.94	25.19	25.50	25.84	26.08	26.42	1.4%
Jet Fuel	15.06	15.48	15.60	15.86	16.02	16.22	16.19	16.37	16.59	16.63	16.83	17.09	17.21	17.44	1.1%
Distillate Fuel Oil	19.40	19.75	19.71	19.89	20.05	20.12	20.14	20.40	20.60	20.66	20.80	21.16	21.17	21.45	1.1%
Residual Fuel Oil	11.56	11.90	12.04	12.31	12.40	12.49	12.71	12.88	13.08	13.22	13.30	13.60	13.57	13.68	3.0%
Natural Gas	8.34	8.16	7.91	8.15	8.32	8.47	8.73	8.75	8.88	9.12	9.28	9.46	9.62	9.85	0.1%
Metallurgical Coal	2.75	2.76	2.76	2.76	2.78	2.80	2.81	2.81	2.80	2.78	2.75	2.75	2.76	2.78	-0.4%
Other Coal	1.72	1.72	1.73	1.74	1.77	1.78	1.78	1.79	1.79	1.80	1.80	1.82	1.82	1.83	0.6%
Coal to Liquids	1.19	1.25	1.31	1.42	1.53	1.57	1.59	1.61	1.67	1.68	1.73	1.74	1.77	1.78	N/A
Electricity	24.13	24.18	23.87	23.73	23.94	24.04	24.16	24.21	24.24	24.26	24.26	24.21	24.13	24.18	0.1%

Table 3. Energy Prices by Sector and Source
(2005 dollars per million Btu, unless otherwise noted)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Non-Renewable Energy Expenditures by Sector															
(billion 2005 dollars)															
Residential	241.72	242.98	242.20	246.06	249.48	252.66	256.56	259.29	261.55	265.03	267.82	271.06	272.68	276.15	1.0%
Commercial	182.47	185.04	185.68	188.76	193.71	198.09	203.26	207.09	211.37	216.13	220.66	225.06	229.39	234.83	1.7%
Industrial	220.51	220.03	220.05	224.73	229.14	233.26	238.07	241.84	244.21	249.56	255.46	260.04	264.04	269.71	1.3%
Transportation	628.12	644.52	657.78	668.16	682.87	695.12	703.18	716.99	734.50	747.41	763.04	781.65	794.72	811.45	2.2%
Total Non-Renewable Expenditures	1272.82	1292.57	1305.71	1327.72	1355.19	1379.12	1401.07	1425.21	1451.64	1478.12	1506.98	1537.81	1560.82	1592.14	1.7%
Transportation Renewable Expenditures	0.33	0.50	0.55	0.89	1.19	1.55	1.90	2.37	3.04	3.71	4.59	5.83	7.04	7.62	24.2%
Total Expenditures	1273.15	1293.07	1306.26	1328.60	1356.38	1380.68	1402.97	1427.58	1454.68	1481.84	1511.57	1543.64	1567.87	1599.77	1.7%

Table 3. Energy Prices by Sector and Source
(2005 dollars per million Btu, unless otherwise noted)

- 1/ Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.
2/ Excludes use for lease and plant fuel.
3/ Includes Federal and State taxes while excluding county and local taxes.
4/ E85 refers to a blend of 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable). To address cold starting issues, the percentage of ethanol actually varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.
5/ Sales weighted-average price for all grades. Includes Federal, State, and local taxes.
6/ Kerosene-type jet fuel. Includes Federal and State taxes while excluding county and local taxes.
7/ Diesel fuel for on-road use. Includes Federal and State taxes while excluding county and local taxes.
8/ Compressed natural gas used as a vehicle fuel. Includes estimated motor vehicle fuel taxes and estimated dispensing costs or charges.
9/ Includes electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public.
10/ 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.
N/A = Not applicable.
Note: Data for 2004 and 2005 are model results and may differ slightly from official EIA data reports.
Sources: 2004 and 2005 prices for motor gasoline, distillate fuel oil, and jet fuel are based on prices in the Energy Information Administration (EIA), Petroleum Marketing Annual 2005, DOE/EIA-0487(2005) (Washington, DC, August 2006). 2004 residential and commercial natural gas delivered prices: EIA, Natural Gas Annual 2004, DOE/EIA-0131(2004) (Washington, DC, December 2005). 2005 residential and commercial natural gas delivered prices: EIA, Natural Gas Monthly, DOE/EIA-0130(2006/04) (Washington, DC, April 2006). 2004 and 2005 industrial natural gas delivered prices are estimated based on: EIA, Manufacturing Energy Consumption Survey 1994 and industrial and wellhead prices from the Natural Gas Annual 2004, DOE/EIA-0131(2004) (Washington, DC, December 2005) and the Natural Gas Monthly, DOE/EIA-0130(2006/04) (Washington, DC, April 2006). 2004 transportation sector natural gas delivered prices are based on: EIA, Natural Gas Annual 2004, DOE/EIA-0131(2004) (Washington, DC, December 2005) and estimated state taxes, federal taxes, and dispensing costs or charges. 2005 transportation sector natural gas delivered prices are model results. 2004 and 2005 electric power sector natural gas prices: EIA, Electric Power Monthly, May 2005 through April 2006, Table 4.11.A. 2004 and 2005 coal prices based on: EIA, Quarterly Coal Report, October-December 2005, DOE/EIA-0121(2005/4Q) (Washington, DC, March 2006) and EIA, AEO2007 National Energy Modeling System run aeo2007.d112106a. 2004 and 2005 electricity prices: EIA, Annual Energy Review 2005, DOE/EIA-0384(2005) (Washington, DC, July 2006). 2004 and 2005 ethanol prices derived from weekly spot prices in the Oxy Fuel News. Projections: EIA, AEO2007 National Energy Modeling System run hp2007.d112106a.

Table 4. Residential Sector Key Indicators and Consumption
(quadrillion Btu, unless otherwise noted)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Key Indicators													
Households (millions)													
Single-Family	77.46	78.95	80.26	81.44	82.57	83.66	84.79	85.91	87.00	88.06	89.12	90.20	91.28
Multifamily	27.37	27.67	27.97	28.25	28.54	28.81	29.06	29.30	29.54	29.79	30.03	30.27	30.53
Mobile Homes	6.72	6.70	6.66	6.65	6.68	6.72	6.76	6.81	6.85	6.90	6.95	7.01	7.07
Total	111.56	113.32	114.89	116.34	117.78	119.19	120.61	122.02	123.39	124.74	126.10	127.48	128.88
Average House Square Footage													
	1755	1770	1783	1795	1807	1818	1830	1841	1852	1863	1873	1883	1893
Energy Intensity (million Btu per household)													
Delivered Energy Consumption													
Total Energy Consumption	102.1	102.3	98.2	101.2	101.4	100.9	100.6	100.2	100.1	99.5	99.1	98.6	98.2
(thousand Btu per square foot)													
Delivered Energy Consumption													
Total Energy Consumption	58.2	57.8	55.1	56.4	56.1	55.5	55.0	54.4	54.1	53.4	52.9	52.3	51.9
Total Energy Consumption	108.0	108.4	105.4	106.1	105.8	105.0	104.4	103.6	103.0	101.9	101.1	100.3	99.6
Delivered Energy Consumption by Fuel													
Electricity													
Space Heating	0.39	0.40	0.40	0.42	0.43	0.43	0.44	0.44	0.45	0.45	0.46	0.46	0.47
Space Cooling	0.65	0.74	0.75	0.71	0.71	0.72	0.72	0.73	0.74	0.74	0.75	0.76	0.76
Water Heating	0.37	0.37	0.38	0.38	0.38	0.38	0.39	0.39	0.39	0.39	0.40	0.40	0.40
Refrigeration	0.40	0.39	0.38	0.38	0.37	0.37	0.36	0.36	0.36	0.35	0.35	0.35	0.35
Cooking	0.10	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.13
Clothes Dryers	0.24	0.25	0.25	0.25	0.26	0.26	0.26	0.26	0.27	0.27	0.27	0.27	0.27
Freezers	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
Lighting	0.72	0.73	0.73	0.74	0.76	0.77	0.78	0.80	0.81	0.83	0.84	0.86	0.87
Clothes Washers 1/ Dishwashers 1/	0.03 0.02	0.03 0.02	0.03 0.02	0.03 0.03	0.03 0.03	0.03 0.03	0.03 0.03	0.03 0.03	0.03 0.03	0.03 0.03	0.03 0.03	0.03 0.03	0.03 0.03
Color Televisions and Set-Top Boxes	0.30	0.30	0.31	0.33	0.36	0.37	0.38	0.38	0.39	0.39	0.39	0.39	0.39
Personal Computers	0.07	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.14	0.15
Furnace Fans	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.11
Other Uses 2/ Delivered Energy	0.89 4.41	1.01 4.66	1.07 4.73	1.10 4.78	1.13 4.89	1.17 4.96	1.20 5.04	1.23 5.11	1.27 5.20	1.29 5.26	1.32 5.32	1.35 5.39	1.39 5.47
Natural Gas													
Space Heating	3.53	3.52	3.15	3.56	3.61	3.63	3.65	3.68	3.71	3.73	3.74	3.76	3.78
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
Water Heating	1.16	1.14	1.13	1.13	1.14	1.14	1.14	1.15	1.15	1.15	1.16	1.16	1.16
Cooking	0.21	0.22	0.22	0.22	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.23	0.24
Clothes Dryers	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.08
Other Uses 3/ Delivered Energy	0.04 5.02	0.04 4.98	0.04 4.61	0.04 5.02	0.04 5.09	0.04 5.11	0.04 5.14	0.04 5.17	0.04 5.21	0.04 5.23	0.04 5.25	0.04 5.27	0.04 5.29
Distillate Fuel Oil													
Space Heating	0.81	0.82	0.80	0.80	0.79	0.78	0.78	0.77	0.77	0.76	0.75	0.73	0.72
Water Heating	0.12	0.12	0.11	0.11	0.11	0.11	0.10	0.10	0.10	0.10	0.10	0.09	0.09
Other Uses 4/ Delivered Energy	0.00 0.93	0.00 0.93	0.00 0.91	0.00 0.91	0.00 0.90	0.00 0.89	0.00 0.88	0.00 0.87	0.00 0.87	0.00 0.86	0.00 0.84	0.00 0.83	0.00 0.82
Liquefied Petroleum Gases													
Space Heating	0.29	0.26	0.28	0.28	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
Water Heating	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
Cooking	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

Table 4. Residential Sector Key Indicators and Consumption
(quadrillion Btu, unless otherwise noted)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Other Uses 3/ Delivered Energy	0.17 0.54	0.17 0.51	0.17 0.53	0.17 0.53	0.18 0.53	0.18 0.53	0.18 0.53	0.19 0.53	0.19 0.54	0.20 0.54	0.20 0.55	0.20 0.55	0.21 0.56
Marketed Renewables (wood) 5/ Other Fuels 6/	0.40 0.10	0.41 0.11	0.40 0.11	0.43 0.11	0.44 0.11	0.43 0.11	0.43 0.11	0.43 0.11	0.43 0.11	0.43 0.10	0.42 0.10	0.42 0.10	0.43 0.10
Delivered Energy Consumption by End Use													
Space Heating	5.52	5.51	5.14	5.59	5.65	5.66	5.68	5.70	5.74	5.74	5.75	5.75	5.77
Space Cooling	0.65	0.74	0.75	0.71	0.71	0.72	0.72	0.73	0.74	0.74	0.75	0.76	0.76
Water Heating	1.70	1.68	1.66	1.66	1.67	1.67	1.68	1.68	1.69	1.69	1.70	1.70	1.70
Refrigeration	0.40	0.39	0.38	0.38	0.37	0.37	0.36	0.36	0.36	0.35	0.35	0.35	0.35
Cooking	0.35	0.35	0.35	0.36	0.36	0.37	0.37	0.37	0.38	0.38	0.38	0.39	0.39
Clothes Dryers	0.31	0.32	0.32	0.33	0.33	0.33	0.33	0.34	0.34	0.34	0.35	0.35	0.35
Freezers	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
Lighting	0.72	0.73	0.73	0.74	0.76	0.77	0.78	0.80	0.81	0.83	0.84	0.86	0.87
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
Dishwashers	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
Color Televisions and Set-Top Boxes	0.30	0.30	0.31	0.33	0.36	0.37	0.38	0.38	0.39	0.39	0.39	0.39	0.39
Personal Computers	0.07	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.14	0.15
Furnace Fans	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.11
Other Uses 7/ Delivered Energy	1.11 11.39	1.22 11.60	1.29 11.28	1.31 11.77	1.35 11.94	1.39 12.02	1.43 12.13	1.46 12.22	1.50 12.35	1.53 12.42	1.57 12.49	1.60 12.56	1.64 12.66
Electricity Related Losses	9.75	10.15	10.30	10.40	10.56	10.73	10.91	11.05	11.19	11.27	11.39	11.50	11.63
Total Energy Consumption by End Use													
Space Heating	6.39	6.40	6.00	6.51	6.58	6.59	6.62	6.65	6.70	6.71	6.73	6.74	6.76
Space Cooling	2.08	2.36	2.38	2.24	2.25	2.27	2.29	2.31	2.32	2.34	2.35	2.37	2.39
Water Heating	2.52	2.49	2.48	2.49	2.50	2.50	2.52	2.53	2.54	2.54	2.55	2.55	2.56
Refrigeration	1.28	1.24	1.22	1.20	1.19	1.17	1.15	1.14	1.13	1.11	1.11	1.10	1.10
Cooking	0.58	0.58	0.59	0.60	0.61	0.61	0.62	0.63	0.63	0.64	0.64	0.65	0.66
Clothes Dryers	0.86	0.86	0.87	0.88	0.88	0.89	0.90	0.91	0.92	0.92	0.92	0.93	0.94
Freezers	0.41	0.40	0.39	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.38
Lighting	2.33	2.34	2.32	2.36	2.39	2.43	2.47	2.52	2.57	2.60	2.65	2.69	2.73
Clothes Washers	0.11	0.11	0.11	0.11	0.11	0.11	0.10	0.10	0.10	0.10	0.10	0.09	0.09
Dishwashers	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
Color Televisions and Set-Top Boxes	0.95	0.96	0.99	1.06	1.13	1.17	1.20	1.21	1.22	1.22	1.21	1.21	1.22
Personal Computers	0.24	0.25	0.26	0.29	0.31	0.34	0.37	0.39	0.41	0.43	0.44	0.45	0.46
Furnace Fans	0.27	0.27	0.27	0.28	0.29	0.30	0.30	0.31	0.32	0.32	0.32	0.33	0.33
Other Uses 7/ Total	3.07 21.15	3.42 21.75	3.61 21.58	3.70 22.17	3.80 22.51	3.91 22.75	4.03 23.04	4.12 23.27	4.23 23.55	4.31 23.68	4.40 23.88	4.49 24.07	4.59 24.30
Nonmarketed Renewables 8/													
Geothermal Heat Pumps	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
Solar Hot Water Heating	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
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
Total	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05

Table 4. Residential Sector Key Indicators and Consumption
(quadrillion Btu, unless otherwise noted)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Key Indicators															
Households (millions)															
Single-Family	92.34	93.40	94.43	95.45	96.45	97.41	98.36	99.29	100.24	101.19	102.11	102.98	103.84	104.69	1.1%
Multifamily	30.80	31.08	31.38	31.68	31.98	32.28	32.58	32.88	33.18	33.48	33.79	34.10	34.42	34.73	0.9%
Mobile Homes	7.13	7.20	7.26	7.32	7.38	7.44	7.49	7.55	7.60	7.65	7.71	7.76	7.81	7.86	0.6%
Total	130.28	131.68	133.07	134.46	135.81	137.14	138.43	139.72	141.02	142.32	143.60	144.84	146.07	147.29	1.1%
Average House Square Footage	1903	1912	1921	1929	1938	1946	1954	1962	1970	1977	1984	1991	1998	2005	0.5%
Energy Intensity (million Btu per household)															
Delivered Energy Consumption	97.4	97.0	96.8	96.7	95.9	95.5	95.0	94.8	94.2	93.7	93.3	93.1	92.5	92.1	-0.4%
Total Energy Consumption (thousand Btu per square foot)	187.4	186.8	186.3	186.3	184.6	183.8	182.8	182.6	181.4	180.5	179.7	179.4	178.0	177.3	-0.3%
Delivered Energy Consumption	51.2	50.7	50.4	50.1	49.5	49.0	48.6	48.3	47.8	47.4	47.0	46.8	46.3	46.0	-0.9%
Total Energy Consumption	98.5	97.7	97.0	96.6	95.3	94.4	93.6	93.1	92.1	91.3	90.5	90.1	89.1	88.4	-0.8%
Delivered Energy Consumption by Fuel															
Electricity															
Space Heating	0.47	0.48	0.48	0.49	0.49	0.49	0.50	0.50	0.50	0.51	0.51	0.51	0.52	0.52	1.0%
Space Cooling	0.77	0.78	0.79	0.80	0.80	0.81	0.82	0.83	0.84	0.85	0.86	0.88	0.89	0.90	0.8%
Water Heating	0.40	0.40	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.42	0.42	0.42	0.4%
Refrigeration	0.35	0.35	0.35	0.35	0.35	0.35	0.36	0.36	0.36	0.36	0.37	0.37	0.37	0.38	-0.1%
Cooking	0.13	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.15	0.15	1.3%
Clothes Dryers	0.28	0.28	0.28	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.31	0.31	0.32	0.32	1.0%
Freezers	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.2%
Lighting	0.89	0.90	0.91	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00	1.01	1.01	1.02	1.3%
Clothes Washers 1/ Dishwashers 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	-0.8%
Color Televisions and Set-Top Boxes	0.39	0.39	0.40	0.40	0.40	0.41	0.42	0.43	0.44	0.45	0.46	0.48	0.49	0.50	2.0%
Personal Computers	0.15	0.16	0.16	0.17	0.17	0.18	0.19	0.19	0.20	0.20	0.21	0.21	0.21	0.21	4.1%
Furnace Fans	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	1.6%
Other Uses 2/ Delivered Energy	1.41	1.45	1.48	1.52	1.54	1.56	1.58	1.60	1.62	1.64	1.66	1.69	1.71	1.73	2.2%
	5.53	5.60	5.68	5.77	5.82	5.89	5.96	6.04	6.10	6.17	6.25	6.33	6.39	6.46	1.3%
Natural Gas															
Space Heating	3.77	3.79	3.81	3.84	3.83	3.83	3.83	3.84	3.83	3.82	3.82	3.82	3.81	3.80	0.3%
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	31.9%
Water Heating	1.15	1.16	1.16	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	0.1%
Cooking	0.24	0.24	0.24	0.24	0.24	0.24	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.7%
Clothes Dryers	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	1.0%
Other Uses 3/ Delivered Energy	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	-0.4%
	5.28	5.30	5.34	5.37	5.36	5.37	5.36	5.38	5.37	5.37	5.36	5.38	5.36	5.35	0.3%
Distillate Fuel Oil															
Space Heating	0.71	0.70	0.69	0.68	0.67	0.66	0.65	0.64	0.63	0.62	0.61	0.60	0.59	0.58	-1.3%
Water Heating	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.07	-2.0%
Other Uses 4/ 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	-0.7%
	0.80	0.79	0.77	0.76	0.75	0.74	0.73	0.72	0.70	0.69	0.68	0.67	0.66	0.65	-1.4%
Liquefied Petroleum Gases															
Space Heating	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.26	0.26	0.26	0.26	0.0%
Water Heating	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	0.2%
Cooking	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	0.7%

Table 4. Residential Sector Key Indicators and Consumption
(quadrillion Btu, unless otherwise noted)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Other Uses 3/ Delivered Energy	0.21 0.56	0.22 0.56	0.22 0.57	0.23 0.57	0.23 0.58	0.23 0.58	0.24 0.58	0.24 0.59	0.24 0.59	0.25 0.60	0.25 0.60	0.26 0.60	0.26 0.61	0.26 0.61	1.7% 0.7%
Marketed Renewables (wood) 5/ Other Fuels 6/	0.42 0.10	0.42 0.10	0.42 0.10	0.43 0.10	0.42 0.10	0.42 0.10	0.42 0.10	0.42 0.09	0.42 0.09	0.41 0.09	0.41 0.09	0.41 0.09	0.41 0.09	0.41 0.09	0.0% -0.8%
Delivered Energy Consumption by End Use															
Space Heating	5.75	5.75	5.77	5.79	5.77	5.76	5.75	5.76	5.73	5.72	5.71	5.71	5.68	5.66	0.1%
Space Cooling	0.77	0.78	0.79	0.80	0.80	0.81	0.82	0.83	0.84	0.85	0.86	0.88	0.89	0.90	0.8%
Water Heating	1.69	1.70	1.70	1.71	1.71	1.71	1.70	1.71	1.70	1.70	1.70	1.71	1.71	1.71	0.1%
Refrigeration	0.35	0.35	0.35	0.35	0.35	0.35	0.36	0.36	0.36	0.36	0.37	0.37	0.37	0.38	-0.1%
Cooking	0.39	0.40	0.40	0.40	0.41	0.41	0.41	0.42	0.42	0.42	0.43	0.43	0.43	0.43	0.9%
Clothes Dryers	0.36	0.36	0.36	0.37	0.37	0.37	0.38	0.38	0.39	0.39	0.39	0.40	0.40	0.41	1.0%
Freezers	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.2%
Lighting	0.89	0.90	0.91	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00	1.01	1.01	1.02	1.3%
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	-0.8%
Dishwashers	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	1.2%
Color Televisions and Set-Top Boxes	0.39	0.39	0.40	0.40	0.40	0.41	0.42	0.43	0.44	0.45	0.46	0.48	0.49	0.50	2.0%
Personal Computers	0.15	0.16	0.16	0.17	0.17	0.18	0.19	0.19	0.20	0.20	0.21	0.21	0.21	0.21	4.1%
Furnace Fans	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	1.6%
Other Uses 7/ Delivered Energy	1.67 12.69	1.70 12.77	1.74 12.88	1.79 13.00	1.81 13.03	1.83 13.09	1.86 13.15	1.89 13.24	1.91 13.28	1.93 13.34	1.96 13.40	1.99 13.49	2.01 13.51	2.04 13.57	2.1% 0.6%
Electricity Related Losses	11.72	11.83	11.92	12.05	12.05	12.11	12.17	12.27	12.30	12.35	12.41	12.49	12.49	12.54	0.8%
Total Energy Consumption by End Use															
Space Heating	6.75	6.76	6.78	6.81	6.78	6.77	6.76	6.77	6.74	6.73	6.72	6.72	6.69	6.67	0.2%
Space Cooling	2.40	2.42	2.44	2.45	2.47	2.48	2.49	2.51	2.53	2.55	2.58	2.60	2.62	2.65	0.5%
Water Heating	2.55	2.55	2.56	2.56	2.55	2.55	2.54	2.55	2.54	2.53	2.53	2.53	2.52	2.52	0.0%
Refrigeration	1.09	1.09	1.09	1.09	1.08	1.08	1.08	1.09	1.09	1.09	1.10	1.11	1.10	1.11	-0.5%
Cooking	0.66	0.67	0.67	0.68	0.68	0.69	0.69	0.70	0.70	0.71	0.71	0.72	0.72	0.72	0.9%
Clothes Dryers	0.94	0.95	0.95	0.96	0.97	0.97	0.98	0.99	0.99	1.00	1.01	1.02	1.02	1.03	0.7%
Freezers	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.39	0.38	0.38	-0.1%
Lighting	2.76	2.80	2.83	2.87	2.88	2.90	2.92	2.95	2.95	2.97	2.98	3.00	3.00	3.00	1.0%
Clothes Washers	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	-1.1%
Dishwashers	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.9%
Color Televisions and Set-Top Boxes	1.22	1.22	1.23	1.24	1.24	1.26	1.29	1.31	1.34	1.36	1.39	1.42	1.44	1.46	1.7%
Personal Computers	0.48	0.49	0.51	0.52	0.54	0.55	0.57	0.59	0.60	0.61	0.61	0.62	0.62	0.62	3.8%
Furnace Fans	0.34	0.34	0.34	0.35	0.35	0.35	0.36	0.36	0.36	0.36	0.36	0.37	0.37	0.37	1.2%
Other Uses 7/ Total	4.67 24.42	4.76 24.60	4.85 24.80	4.96 25.05	4.99 25.08	5.03 25.20	5.08 25.31	5.14 25.51	5.17 25.58	5.22 25.69	5.26 25.80	5.33 25.98	5.35 26.00	5.40 26.11	1.8% 0.7%
Nonmarketed Renewables 8/															
Geothermal Heat Pumps	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	7.9%
Solar Hot Water Heating	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	3.6%
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	0.00	11.1%
Total	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	4.3%

Table 4. Residential Sector Key Indicators and Consumption
(quadrillion Btu, unless otherwise noted)

- 1/ Does not include water heating portion of load.
 - 2/ Includes small electric devices, heating elements, and motors not listed above.
 - 3/ Includes such appliances as swimming pool heaters, outdoor grills, and outdoor lighting (natural gas).
 - 4/ Includes such appliances as swimming pool and spa heaters.
 - 5/ Includes wood used for primary and secondary heating in wood stoves or fireplaces as reported in the Residential Energy Consumption Survey 2001.
 - 6/ Includes kerosene and coal.
 - 7/ Includes all other uses listed above.
 - 8/ Represents primary energy displaced.
- Btu = British thermal unit.
N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2004 and 2005 are model results and may differ slightly from official EIA data reports.
Source: 2004 and 2005 based on: Energy Information Administration (EIA), Annual Energy Review 2005, DOE/EIA-0384(2005) (Washington, DC, July 2006). Projections: EIA, AEO2007 National Energy Modeling System run hp2007.d112106a.

Table 5. Commercial Sector Key Indicators and Consumption
(quadrillion Btu, unless otherwise noted)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Key Indicators													
Total Floorspace (billion square feet)													
Surviving	71.1	72.4	73.7	75.0	76.2	77.4	78.5	79.7	80.8	82.0	83.1	84.3	85.4
New Additions	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9
Total	73.0	74.3	75.6	76.8	78.0	79.2	80.3	81.5	82.6	83.8	85.0	86.1	87.3
Energy Consumption Intensity (thousand Btu per square foot)													
Delivered Energy Consumption	115.1	113.9	110.3	110.7	111.7	111.8	111.7	111.9	112.2	112.5	112.5	112.6	112.4
Electricity Related Losses	127.0	126.8	125.7	125.9	126.9	127.6	127.9	128.3	128.6	128.7	129.0	129.2	129.2
Total Energy Consumption	242.1	240.8	236.0	236.6	238.6	239.3	239.6	240.2	240.8	241.2	241.6	241.8	241.6
Delivered Energy Consumption by Fuel													
Purchased Electricity													
Space Heating 1/	0.17	0.17	0.16	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.18
Space Cooling 1/	0.46	0.55	0.54	0.49	0.49	0.50	0.50	0.50	0.50	0.50	0.51	0.51	0.51
Water Heating 1/	0.18	0.18	0.18	0.18	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.18	0.18
Ventilation	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.20	0.20	0.20	0.20	0.20
Cooking	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
Lighting	1.19	1.18	1.17	1.17	1.17	1.17	1.18	1.19	1.20	1.21	1.22	1.23	1.24
Refrigeration	0.23	0.23	0.23	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.25	0.25	0.25
Office Equipment (PC)	0.14	0.18	0.22	0.25	0.28	0.29	0.30	0.31	0.32	0.33	0.34	0.35	0.35
Office Equipment (non-PC)	0.32	0.35	0.38	0.41	0.43	0.45	0.48	0.49	0.51	0.53	0.55	0.57	0.58
Other Uses 2/	1.28	1.25	1.25	1.32	1.39	1.44	1.48	1.52	1.57	1.62	1.67	1.71	1.76
Delivered Energy	4.19	4.32	4.37	4.45	4.58	4.67	4.75	4.84	4.93	5.03	5.12	5.21	5.30
Natural Gas													
Space Heating 1/	1.38	1.35	1.26	1.37	1.39	1.41	1.43	1.45	1.47	1.49	1.50	1.52	1.52
Space Cooling 1/	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
Water Heating 1/	0.59	0.57	0.55	0.55	0.55	0.55	0.55	0.56	0.58	0.59	0.60	0.61	0.62
Cooking	0.24	0.23	0.23	0.24	0.24	0.25	0.25	0.26	0.26	0.27	0.27	0.28	0.28
Other Uses 3/	1.00	0.97	0.94	0.94	0.97	0.99	1.01	1.03	1.04	1.06	1.08	1.09	1.10
Delivered Energy	3.23	3.15	3.01	3.11	3.18	3.22	3.26	3.32	3.38	3.44	3.48	3.53	3.56
Distillate Fuel Oil													
Space Heating 1/	0.20	0.20	0.18	0.19	0.19	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Water Heating 1/	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
Other Uses 4/	0.20	0.21	0.22	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18
Delivered Energy	0.47	0.48	0.46	0.44	0.43	0.43	0.44	0.44	0.44	0.44	0.44	0.44	0.44
Marketed Renewables (biomass)													
Other Fuels 5/	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
Other Fuels 5/	0.39	0.40	0.38	0.39	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
Delivered Energy Consumption by End Use													
Space Heating 1/	1.75	1.71	1.60	1.73	1.76	1.78	1.80	1.82	1.84	1.87	1.88	1.89	1.90
Space Cooling 1/	0.48	0.57	0.57	0.51	0.51	0.52	0.52	0.53	0.53	0.53	0.53	0.54	0.54
Water Heating 1/	0.84	0.82	0.79	0.79	0.79	0.79	0.79	0.80	0.82	0.83	0.84	0.86	0.86
Ventilation	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.20	0.20	0.20	0.20	0.20
Cooking	0.27	0.27	0.27	0.27	0.28	0.28	0.29	0.29	0.30	0.31	0.31	0.32	0.32
Lighting	1.19	1.18	1.17	1.17	1.17	1.17	1.18	1.19	1.20	1.21	1.22	1.23	1.24
Refrigeration	0.23	0.23	0.23	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.25	0.25	0.25
Office Equipment (PC)	0.14	0.18	0.22	0.25	0.28	0.29	0.30	0.31	0.32	0.33	0.34	0.35	0.35
Office Equipment (non-PC)	0.32	0.35	0.38	0.41	0.43	0.45	0.48	0.49	0.51	0.53	0.55	0.57	0.58
Other Uses 6/	2.98	2.95	2.91	2.95	3.06	3.13	3.19	3.25	3.32	3.38	3.44	3.50	3.56
Delivered Energy	8.40	8.46	8.34	8.51	8.71	8.85	8.97	9.12	9.27	9.43	9.56	9.70	9.82

Table 5. Commercial Sector Key Indicators and Consumption
(quadrillion Btu, unless otherwise noted)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Electricity Related Losses	9.27	9.42	9.51	9.68	9.90	10.10	10.28	10.46	10.63	10.79	10.96	11.13	11.28
Total Energy Consumption by End Use													
Space Heating 1/	2.12	2.08	1.95	2.10	2.14	2.16	2.17	2.20	2.22	2.24	2.26	2.27	2.28
Space Cooling 1/	1.50	1.77	1.74	1.57	1.58	1.60	1.60	1.61	1.61	1.61	1.62	1.62	1.63
Water Heating 1/	1.22	1.20	1.18	1.17	1.16	1.16	1.16	1.18	1.20	1.21	1.23	1.24	1.25
Ventilation	0.60	0.60	0.60	0.60	0.60	0.61	0.61	0.62	0.62	0.63	0.63	0.64	0.64
Cooking	0.36	0.35	0.35	0.36	0.36	0.36	0.37	0.37	0.38	0.39	0.39	0.39	0.40
Lighting	3.82	3.76	3.73	3.72	3.70	3.71	3.72	3.75	3.78	3.81	3.84	3.87	3.89
Refrigeration	0.74	0.74	0.74	0.75	0.75	0.75	0.76	0.76	0.76	0.77	0.77	0.78	0.78
Office Equipment (PC)	0.46	0.58	0.70	0.80	0.88	0.93	0.96	0.98	1.01	1.03	1.06	1.08	1.10
Office Equipment (non-PC)	1.03	1.12	1.21	1.29	1.37	1.44	1.50	1.56	1.62	1.67	1.73	1.78	1.83
Other Uses 6/	5.81	5.68	5.64	5.83	6.08	6.23	6.39	6.54	6.70	6.86	7.00	7.15	7.30
Total	17.67	17.88	17.84	18.18	18.61	18.95	19.25	19.57	19.90	20.22	20.53	20.83	21.10
Nonmarketed Renewable Fuels 7/													
Solar Thermal	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
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
Total	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03

Table 5. Commercial Sector Key Indicators and Consumption
(quadrillion Btu, unless otherwise noted)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Key Indicators															
Total Floorspace (billion square feet)															
Surviving	86.6	87.8	89.0	90.2	91.6	92.9	94.3	95.7	97.2	98.7	100.2	101.8	103.3	104.9	1.5%
New Additions	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.4	2.4	2.4	2.4	2.5	1.0%
Total	88.5	89.7	91.0	92.3	93.7	95.1	96.6	98.0	99.5	101.1	102.6	104.2	105.7	107.3	1.5%
Energy Consumption Intensity (thousand Btu per square foot)															
Delivered Energy Consumption	112.3	112.3	112.6	112.7	112.7	112.6	112.4	112.4	112.4	112.3	112.3	112.2	112.3	112.3	-0.1%
Electricity Related Losses	129.3	129.2	129.0	128.9	128.4	128.1	127.7	127.4	127.1	126.7	126.5	126.3	125.8	125.6	0.0%
Total Energy Consumption	241.6	241.5	241.6	241.7	241.1	240.7	240.1	239.8	239.5	239.0	238.7	238.5	238.1	237.8	-0.1%
Delivered Energy Consumption by Fuel															
Purchased Electricity															
Space Heating 1/	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.19	0.19	0.4%
Space Cooling 1/	0.51	0.52	0.52	0.53	0.53	0.54	0.55	0.55	0.56	0.56	0.57	0.58	0.59	0.59	0.3%
Water Heating 1/	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.20	0.4%
Ventilation	0.21	0.21	0.21	0.21	0.21	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.24	0.24	1.0%
Cooking	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	-0.3%
Lighting	1.25	1.26	1.28	1.29	1.31	1.33	1.34	1.36	1.38	1.39	1.41	1.43	1.45	1.47	0.9%
Refrigeration	0.25	0.25	0.26	0.26	0.26	0.27	0.27	0.27	0.28	0.28	0.29	0.29	0.29	0.30	1.0%
Office Equipment (PC)	0.36	0.37	0.38	0.38	0.38	0.38	0.39	0.39	0.39	0.39	0.39	0.40	0.40	0.40	3.2%
Office Equipment (non-PC)	0.60	0.62	0.64	0.66	0.68	0.70	0.73	0.75	0.77	0.80	0.83	0.85	0.88	0.91	3.9%
Other Uses 2/	1.81	1.86	1.92	1.97	2.03	2.08	2.15	2.21	2.27	2.33	2.40	2.46	2.53	2.60	3.0%
Delivered Energy	5.39	5.49	5.59	5.71	5.81	5.93	6.04	6.16	6.28	6.40	6.53	6.67	6.80	6.94	1.9%
Natural Gas															
Space Heating 1/	1.53	1.55	1.57	1.58	1.59	1.60	1.61	1.62	1.63	1.64	1.65	1.66	1.67	1.67	0.9%
Space Cooling 1/	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	2.0%
Water Heating 1/	0.63	0.64	0.66	0.67	0.68	0.69	0.70	0.71	0.72	0.73	0.75	0.76	0.77	0.78	1.2%
Cooking	0.29	0.29	0.30	0.30	0.31	0.31	0.32	0.32	0.32	0.33	0.33	0.34	0.34	0.35	1.6%
Other Uses 3/	1.11	1.12	1.14	1.16	1.17	1.18	1.19	1.21	1.22	1.24	1.25	1.26	1.28	1.29	1.1%
Delivered Energy	3.59	3.63	3.70	3.75	3.78	3.82	3.85	3.89	3.94	3.97	4.01	4.05	4.09	4.13	1.1%
Distillate Fuel Oil															
Space Heating 1/	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.22	0.22	0.22	0.4%
Water Heating 1/	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	-0.4%
Other Uses 4/	0.18	0.18	0.18	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	-0.7%
Delivered Energy	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	-0.2%
Marketed Renewables (biomass)															
Other Fuels 5/	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	0.0%
Other Fuels 5/	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.1%
Delivered Energy Consumption by End Use															
Space Heating 1/	1.91	1.92	1.95	1.96	1.98	1.99	2.00	2.01	2.02	2.03	2.05	2.06	2.07	2.08	0.8%
Space Cooling 1/	0.54	0.55	0.55	0.56	0.57	0.57	0.58	0.59	0.59	0.60	0.61	0.62	0.63	0.63	0.4%
Water Heating 1/	0.87	0.89	0.90	0.92	0.93	0.94	0.95	0.96	0.98	0.99	1.00	1.01	1.02	1.03	1.0%
Ventilation	0.21	0.21	0.21	0.21	0.21	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.24	0.24	1.0%
Cooking	0.32	0.33	0.33	0.34	0.34	0.35	0.35	0.36	0.36	0.37	0.37	0.37	0.38	0.38	1.4%
Lighting	1.25	1.26	1.28	1.29	1.31	1.33	1.34	1.36	1.38	1.39	1.41	1.43	1.45	1.47	0.9%
Refrigeration	0.25	0.25	0.26	0.26	0.26	0.27	0.27	0.27	0.28	0.28	0.29	0.29	0.29	0.30	1.0%
Office Equipment (PC)	0.36	0.37	0.38	0.38	0.38	0.38	0.39	0.39	0.39	0.39	0.39	0.40	0.40	0.40	3.2%
Office Equipment (non-PC)	0.60	0.62	0.64	0.66	0.68	0.70	0.73	0.75	0.77	0.80	0.83	0.85	0.88	0.91	3.9%
Other Uses 6/	3.61	3.68	3.75	3.82	3.89	3.96	4.03	4.11	4.19	4.26	4.34	4.43	4.51	4.60	1.8%
Delivered Energy	9.94	10.08	10.25	10.41	10.56	10.71	10.86	11.02	11.19	11.35	11.52	11.69	11.88	12.05	1.4%

Table 5. Commercial Sector Key Indicators and Consumption
(quadrillion Btu, unless otherwise noted)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Electricity Related Losses	11.45	11.60	11.74	11.90	12.03	12.18	12.33	12.49	12.65	12.81	12.98	13.16	13.30	13.48	1.4%
Total Energy Consumption by End Use															
Space Heating 1/	2.28	2.30	2.32	2.34	2.35	2.36	2.36	2.38	2.39	2.40	2.41	2.42	2.43	2.44	0.6%
Space Cooling 1/	1.63	1.64	1.65	1.66	1.67	1.68	1.69	1.70	1.72	1.73	1.75	1.76	1.77	1.79	0.0%
Water Heating 1/	1.26	1.27	1.29	1.30	1.31	1.32	1.33	1.35	1.36	1.37	1.38	1.39	1.40	1.41	0.7%
Ventilation	0.64	0.65	0.65	0.66	0.66	0.66	0.67	0.67	0.68	0.68	0.69	0.70	0.70	0.71	0.7%
Cooking	0.40	0.40	0.41	0.41	0.42	0.42	0.43	0.43	0.43	0.44	0.44	0.44	0.45	0.45	1.0%
Lighting	3.91	3.93	3.95	3.99	4.02	4.05	4.08	4.11	4.15	4.18	4.22	4.26	4.30	4.34	0.6%
Refrigeration	0.79	0.79	0.80	0.81	0.81	0.82	0.82	0.83	0.84	0.85	0.85	0.86	0.87	0.88	0.7%
Office Equipment (PC)	1.13	1.15	1.16	1.17	1.17	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	2.9%
Office Equipment (non-PC)	1.88	1.93	1.98	2.04	2.09	2.15	2.21	2.27	2.34	2.40	2.47	2.54	2.61	2.68	3.5%
Other Uses 6/	7.46	7.62	7.77	7.93	8.08	8.25	8.41	8.59	8.76	8.93	9.11	9.29	9.46	9.65	2.1%
Total	21.38	21.68	21.99	22.31	22.59	22.89	23.19	23.51	23.84	24.16	24.50	24.85	25.18	25.53	1.4%
Nonmarketed Renewable Fuels 7/															
Solar Thermal	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	0.7%
Solar Photovoltaic	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	13.3%
Total	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	2.9%

Table 5. Commercial Sector Key Indicators and Consumption
(quadrillion Btu, unless otherwise noted)

1/ Includes fuel consumption for district services.

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

3/ Includes miscellaneous uses, such as pumps, emergency generators, combined heat and power in commercial buildings, and manufacturing performed in commercial buildings.

4/ Includes miscellaneous uses, such as cooking, emergency generators, and combined heat and power in commercial buildings.

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

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

7/ Includes primary energy displaced by solar thermal space heating and water heating, and electricity generation by solar photovoltaic systems.

Btu = British thermal unit.

PC = Personal computer.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2004 and 2005 are model results and may differ slightly from official EIA data reports.

Source: 2004 and 2005 based on: Energy Information Administration (EIA), Annual Energy Review 2005, DOE/EIA-0384(2005) (Washington, DC, July 2006). Projections: EIA, AEO2007 National Energy Modeling System run hp2007.d112106a.

Table 6. Industrial Sector Key Indicators and Consumption

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Value of Shipments (billion 2000 dollars)													
Manufacturing	4157	4225	4342	4443	4499	4559	4634	4738	4849	4961	5068	5188	5323
Nonmanufacturing	1494	1538	1557	1547	1556	1558	1578	1596	1610	1634	1659	1690	1730
Total	5651	5763	5899	5991	6055	6117	6213	6334	6459	6596	6727	6878	7053
Energy Prices (2005 dollars per million Btu)													
Liquefied Petroleum Gases	11.18	16.96	18.96	17.58	17.72	17.31	17.09	16.87	16.44	16.40	16.45	16.47	16.63
Motor Gasoline	14.98	16.63	19.00	20.76	20.99	20.80	20.55	20.57	20.83	21.19	21.42	22.11	22.37
Distillate Fuel Oil	10.99	13.08	15.14	15.50	14.80	14.63	14.94	15.23	15.13	15.43	15.71	16.13	16.59
Residual Fuel Oil	5.77	7.77	9.34	9.70	10.81	10.79	10.74	10.04	10.71	11.26	12.07	12.63	13.15
Petrochemical Feedstocks	13.75	8.30	7.35	10.45	9.16	9.74	9.68	10.21	10.45	10.92	11.00	11.13	11.47
Asphalt and Road Oil	10.05	6.06	5.37	9.61	9.81	9.83	9.94	10.18	10.50	10.76	11.35	11.63	11.95
Natural Gas Heat and Power	5.42	7.17	6.49	6.51	6.64	6.34	6.09	5.95	5.62	5.50	5.55	5.58	5.74
Natural Gas Feedstocks	7.16	8.81	8.10	8.11	8.31	7.97	7.73	7.57	7.21	7.12	7.16	7.19	7.33
Metallurgical Coal	2.31	3.06	3.25	3.30	3.30	3.19	3.11	3.01	2.91	2.81	2.77	2.74	2.75
Other Industrial Coal	1.80	2.15	2.20	2.24	2.26	2.26	2.30	2.31	2.30	2.28	2.28	2.28	2.29
Coal to Liquids	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.91	0.92	0.93	0.95	1.04	1.11
Electricity	15.88	16.69	18.25	18.79	19.04	18.99	18.64	18.07	17.68	17.34	17.33	17.31	17.55
Energy Consumption 1/ (quadrillion Btu)													
Industrial Consumption Excluding Refining													
Liquefied Petroleum Gases Heat and Power	0.13	0.13	0.12	0.11	0.10	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08
Liquefied Petroleum Gases Feedstocks	2.13	1.98	2.06	2.18	2.22	2.18	2.16	2.16	2.15	2.15	2.15	2.14	2.15
Motor Gasoline	0.32	0.32	0.32	0.32	0.31	0.31	0.31	0.32	0.32	0.32	0.32	0.32	0.32
Distillate Fuel Oil	1.21	1.22	1.30	1.24	1.21	1.18	1.16	1.16	1.16	1.16	1.16	1.16	1.17
Residual Fuel Oil	0.20	0.22	0.21	0.15	0.15	0.14	0.14	0.13	0.13	0.13	0.12	0.12	0.12
Petrochemical Feedstocks	1.54	1.38	1.32	1.42	1.47	1.46	1.47	1.47	1.47	1.46	1.46	1.46	1.46
Petroleum Coke	0.36	0.33	0.29	0.30	0.30	0.31	0.31	0.30	0.30	0.30	0.30	0.30	0.30
Asphalt and Road Oil	1.27	1.31	1.31	1.27	1.25	1.23	1.23	1.22	1.21	1.22	1.22	1.22	1.24
Miscellaneous Petroleum 2/ Petroleum Subtotal	0.55 7.72	0.59 7.48	0.53 7.46	0.49 7.48	0.48 7.49	0.45 7.36	0.43 7.30	0.40 7.25	0.38 7.19	0.36 7.17	0.35 7.15	0.33 7.14	0.33 7.16
Natural Gas Heat and Power	5.80	5.30	5.39	5.57	5.64	5.67	5.73	5.74	5.78	5.81	5.83	5.86	5.88
Natural Gas Feedstocks	0.60	0.57	0.58	0.59	0.58	0.58	0.58	0.58	0.57	0.57	0.57	0.56	0.56
Lease and Plant Fuel 3/ Natural Gas Subtotal	1.13 7.54	1.10 6.97	1.12 7.09	1.10 7.25	1.10 7.33	1.09 7.34	1.07 7.38	1.07 7.39	1.05 7.41	1.04 7.43	1.05 7.45	1.06 7.45	1.07 7.51
Metallurgical Coal and Coke 4/ Other Industrial Coal	0.79 1.30	0.66 1.23	0.72 1.22	0.65 1.24	0.63 1.25	0.62 1.25	0.61 1.25	0.60 1.24	0.59 1.24	0.58 1.24	0.58 1.23	0.57 1.23	0.57 1.23
Coal Subtotal	2.08	1.89	1.93	1.88	1.88	1.87	1.86	1.84	1.83	1.82	1.81	1.80	1.80
Renewables 5/ Purchased Electricity	1.70 3.34	1.44 3.35	1.57 3.35	1.58 3.39	1.58 3.41	1.57 3.39	1.58 3.40	1.60 3.41	1.62 3.43	1.63 3.45	1.65 3.47	1.67 3.49	1.70 3.51
Delivered Energy	22.38	21.14	21.40	21.59	21.69	21.53	21.52	21.49	21.47	21.50	21.53	21.59	21.68
Electricity Related Losses	7.39	7.31	7.29	7.38	7.36	7.33	7.36	7.37	7.39	7.40	7.42	7.44	7.47
Total	29.77	28.45	28.69	28.97	29.05	28.87	28.87	28.86	28.86	28.90	28.95	29.03	29.15
Refining Consumption 6/													
Liquefied Petroleum Gases Heat and Power	0.01	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Distillate Fuel Oil	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
Residual Fuel Oil	0.01	0.01	0.01	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Petroleum Coke	0.57	0.56	0.58	0.60	0.59	0.57	0.57	0.58	0.59	0.59	0.59	0.59	0.61
Still Gas	1.74	1.62	1.68	1.53	1.49	1.50	1.55	1.56	1.53	1.61	1.62	1.63	1.61
Miscellaneous Petroleum 2/ Petroleum Subtotal	0.03 2.37	0.03 2.25	0.03 2.33	0.02 2.18	0.02 2.14	0.02 2.13	0.03 2.17	0.02 2.20	0.02 2.17	0.02 2.25	0.02 2.26	0.02 2.28	0.02 2.28
Natural Gas Heat and Power	1.04	0.97	0.99	1.09	1.11	1.22	1.22	1.27	1.34	1.25	1.24	1.24	1.28
Natural-Gas-to-Liquids Heat and Power Natural Gas Subtotal	0.00 1.04	0.00 0.97	0.00 0.99	0.00 1.09	0.00 1.11	0.00 1.22	0.00 1.22	0.00 1.27	0.00 1.34	0.00 1.25	0.00 1.24	0.00 1.24	0.00 1.28

Table 6. Industrial Sector Key Indicators and Consumption

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Other Industrial Coal	0.10	0.12	0.15	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
Coal-to-Liquids Heat and Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.12	0.16	0.21	0.29	0.39
Coal Subtotal	0.10	0.12	0.15	0.11	0.11	0.11	0.11	0.20	0.23	0.27	0.33	0.40	0.50
Biofuels Heat and Coproducts	0.21	0.24	0.32	0.35	0.45	0.64	0.71	0.73	0.74	0.74	0.74	0.74	0.75
Purchased Electricity	0.13	0.13	0.14	0.17	0.16	0.17	0.18	0.19	0.19	0.19	0.19	0.19	0.19
Delivered Energy	3.86	3.72	3.93	3.89	3.98	4.28	4.40	4.58	4.66	4.70	4.77	4.85	5.00
Electricity Related Losses	0.29	0.29	0.30	0.36	0.36	0.38	0.40	0.40	0.41	0.41	0.41	0.41	0.41
Total	4.15	4.01	4.22	4.25	4.33	4.66	4.80	4.98	5.07	5.11	5.17	5.26	5.41
Total Industrial Sector Consumption													
Liquefied Petroleum Gases Heat and Power	0.14	0.15	0.13	0.11	0.10	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08
Liquefied Petroleum Gases Feedstocks	2.13	1.98	2.06	2.18	2.22	2.18	2.16	2.16	2.15	2.15	2.15	2.14	2.15
Motor Gasoline	0.32	0.32	0.32	0.32	0.31	0.31	0.31	0.32	0.32	0.32	0.32	0.32	0.32
Distillate Fuel Oil	1.21	1.23	1.30	1.24	1.21	1.18	1.16	1.16	1.16	1.16	1.16	1.16	1.17
Residual Fuel Oil	0.22	0.23	0.22	0.18	0.18	0.17	0.17	0.17	0.16	0.16	0.15	0.15	0.15
Petrochemical Feedstocks	1.54	1.38	1.32	1.42	1.47	1.46	1.47	1.47	1.47	1.46	1.46	1.46	1.46
Petroleum Coke	0.93	0.89	0.87	0.90	0.90	0.88	0.88	0.89	0.89	0.88	0.88	0.89	0.90
Asphalt and Road Oil	1.27	1.31	1.31	1.27	1.25	1.23	1.23	1.22	1.21	1.22	1.22	1.22	1.24
Still Gas	1.74	1.62	1.68	1.53	1.49	1.50	1.55	1.56	1.53	1.61	1.62	1.63	1.61
Miscellaneous Petroleum 2/ Petroleum Subtotal	0.59 10.09	0.62 9.73	0.57 9.79	0.51 9.66	0.50 9.63	0.47 9.49	0.45 9.47	0.43 9.45	0.40 9.36	0.38 9.43	0.37 9.42	0.36 9.42	0.35 9.44
Natural Gas Heat and Power	6.85	6.27	6.38	6.65	6.74	6.89	6.95	7.01	7.12	7.06	7.07	7.10	7.16
Natural-Gas-to-Liquids Heat and Power	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
Natural Gas Feedstocks	0.60	0.57	0.58	0.59	0.58	0.58	0.58	0.58	0.57	0.57	0.57	0.56	0.56
Lease and Plant Fuel 3/ Natural Gas Subtotal	1.13 8.58	1.10 7.94	1.12 8.08	1.10 8.34	1.10 8.43	1.09 8.56	1.07 8.60	1.07 8.65	1.05 8.74	1.04 8.67	1.05 8.69	1.06 8.72	1.07 8.78
Metallurgical Coal and Coke 4/ Other Industrial Coal	0.79 1.40	0.66 1.35	0.72 1.37	0.65 1.35	0.63 1.37	0.62 1.37	0.61 1.37	0.60 1.36	0.59 1.35	0.58 1.35	0.58 1.35	0.57 1.35	0.57 1.35
Coal-to-Liquids Heat and Power Coal Subtotal	0.00 2.18	0.00 2.01	0.00 2.08	0.00 1.99	0.00 2.00	0.00 1.99	0.00 1.98	0.00 2.04	0.09 2.06	0.12 2.09	0.16 2.14	0.21 2.21	0.29 2.30
Biofuels Heat and Coproducts	0.21	0.24	0.32	0.35	0.45	0.64	0.71	0.73	0.74	0.74	0.74	0.74	0.75
Renewables 5/ Purchased Electricity	1.70 3.48	1.44 3.48	1.57 3.48	1.58 3.56	1.58 3.57	1.57 3.56	1.58 3.58	1.60 3.60	1.62 3.62	1.63 3.64	1.65 3.66	1.67 3.68	1.70 3.71
Delivered Energy	26.24	24.85	25.33	25.49	25.66	25.81	25.92	26.06	26.14	26.21	26.29	26.44	26.68
Electricity Related Losses	7.68	7.60	7.58	7.74	7.72	7.71	7.75	7.77	7.79	7.81	7.82	7.85	7.88
Total	33.92	32.45	32.91	33.22	33.38	33.52	33.67	33.84	33.93	34.02	34.12	34.29	34.56
Energy Consumption per dollar of Shipment 1/ (thousand Btu per 2000 dollar)													
Liquefied Petroleum Gases Heat and Power	0.02	0.03	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Liquefied Petroleum Gases Feedstocks	0.38	0.34	0.35	0.36	0.37	0.36	0.35	0.34	0.33	0.33	0.32	0.31	0.30
Motor Gasoline	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Distillate Fuel Oil	0.21	0.21	0.22	0.21	0.20	0.19	0.19	0.18	0.18	0.18	0.17	0.17	0.17
Residual Fuel Oil	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02
Petrochemical Feedstocks	0.27	0.24	0.22	0.24	0.24	0.24	0.24	0.23	0.23	0.22	0.22	0.21	0.21
Petroleum Coke	0.17	0.15	0.15	0.15	0.15	0.14	0.14	0.14	0.14	0.13	0.13	0.13	0.13
Asphalt and Road Oil	0.23	0.23	0.22	0.21	0.21	0.20	0.20	0.19	0.19	0.18	0.18	0.18	0.18
Still Gas	0.31	0.28	0.29	0.25	0.25	0.25	0.25	0.25	0.24	0.24	0.24	0.24	0.23
Miscellaneous Petroleum 2/ Petroleum Subtotal	0.10 1.79	0.11 1.69	0.10 1.66	0.08 1.61	0.08 1.59	0.08 1.55	0.07 1.52	0.07 1.49	0.06 1.45	0.06 1.43	0.06 1.40	0.05 1.37	0.05 1.34
Natural Gas Heat and Power	1.21	1.09	1.08	1.11	1.11	1.13	1.12	1.11	1.10	1.07	1.05	1.03	1.01
Natural-Gas-to-Liquids Heat and Power	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
Natural Gas Feedstocks	0.11	0.10	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08
Lease and Plant Fuel 3/ Natural Gas Subtotal	0.20 1.52	0.19 1.38	0.19 1.37	0.18 1.39	0.18 1.39	0.18 1.40	0.17 1.38	0.17 1.37	0.16 1.35	0.16 1.31	0.16 1.29	0.15 1.27	0.15 1.25
Metallurgical Coal and Coke 4/ Total	0.14 33.92	0.11 32.45	0.12 32.91	0.11 33.22	0.10 33.38	0.10 33.52	0.10 33.67	0.09 33.84	0.09 33.93	0.09 34.02	0.09 34.12	0.08 34.29	0.08 34.56

Table 6. Industrial Sector Key Indicators and Consumption

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Other Industrial Coal	0.25	0.23	0.23	0.22	0.23	0.22	0.22	0.21	0.21	0.20	0.20	0.20	0.19
Coal-to-Liquids Heat and Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.03	0.04	0.05
Coal Subtotal	0.39	0.35	0.35	0.33	0.33	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.33
Biofuels Heat and Coproducts	0.04	0.04	0.05	0.06	0.07	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.11
Renewables 5/	0.30	0.25	0.27	0.26	0.26	0.26	0.25	0.25	0.25	0.25	0.25	0.24	0.24
Purchased Electricity	0.61	0.60	0.59	0.59	0.59	0.58	0.58	0.57	0.56	0.55	0.54	0.53	0.53
Delivered Energy	4.64	4.31	4.29	4.25	4.24	4.22	4.17	4.11	4.05	3.97	3.91	3.84	3.78
Electricity Related Losses	1.36	1.32	1.29	1.29	1.27	1.26	1.25	1.23	1.21	1.18	1.16	1.14	1.12
Total	6.00	5.63	5.58	5.55	5.51	5.48	5.42	5.34	5.25	5.16	5.07	4.99	4.90
Total Industrial Combined Heat and Power Capacity (gigawatts)	26.31	25.53	25.96	27.69	28.31	28.67	29.09	30.64	31.52	32.50	33.72	35.07	36.76
Generation (billion kilowatthours)	153.21	143.13	143.44	158.08	162.85	165.55	168.66	180.61	187.21	194.55	203.89	214.24	227.23

Table 6. Industrial Sector Key Indicators and Consumption

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Value of Shipments (billion 2000 dollars)															
Manufacturing	5434	5546	5682	5824	5959	6111	6250	6403	6576	6744	6916	7090	7257	7432	2.3%
Nonmanufacturing	1765	1799	1834	1872	1893	1907	1923	1944	1974	2001	2019	2026	2041	2065	1.2%
Total	7199	7345	7517	7696	7852	8018	8173	8346	8550	8745	8936	9115	9298	9498	2.0%
Energy Prices (2005 dollars per million Btu)															
Liquefied Petroleum Gases	16.83	16.69	16.42	16.66	16.87	16.97	17.20	17.23	17.33	17.56	17.70	17.88	18.03	18.25	0.3%
Motor Gasoline	22.59	22.98	23.37	23.50	23.87	24.16	24.23	24.44	24.82	25.08	25.39	25.73	25.97	26.32	1.9%
Distillate Fuel Oil	16.81	17.18	17.12	17.30	17.44	17.53	17.50	17.75	17.94	17.99	18.12	18.45	18.47	18.79	1.5%
Residual Fuel Oil	13.45	13.66	13.87	14.15	14.22	14.32	14.52	14.71	14.90	15.02	15.10	15.30	15.25	15.36	2.8%
Petrochemical Feedstocks	11.53	11.45	12.26	12.53	12.77	13.42	13.54	14.26	12.84	13.23	14.54	14.69	14.84	15.00	2.4%
Asphalt and Road Oil	12.25	12.32	12.53	12.77	12.92	13.05	13.27	13.39	13.63	13.73	13.83	13.96	14.14	14.42	3.5%
Natural Gas Heat and Power	5.92	5.72	5.48	5.71	5.90	5.99	6.28	6.25	6.37	6.63	6.74	6.93	7.10	7.31	0.1%
Natural Gas Feedstocks	7.52	7.33	7.07	7.30	7.46	7.59	7.84	7.85	7.98	8.20	8.35	8.53	8.68	8.90	0.0%
Metallurgical Coal	2.75	2.76	2.76	2.76	2.78	2.80	2.81	2.81	2.80	2.78	2.75	2.75	2.76	2.78	-0.4%
Other Industrial Coal	2.29	2.29	2.29	2.32	2.34	2.36	2.36	2.37	2.38	2.39	2.40	2.41	2.42	2.43	0.5%
Coal to Liquids	1.19	1.25	1.31	1.42	1.53	1.57	1.59	1.61	1.67	1.68	1.73	1.74	1.77	1.78	N/A
Electricity	17.82	17.85	17.53	17.41	17.56	17.63	17.72	17.78	17.82	17.86	17.85	17.80	17.68	17.72	0.2%
Energy Consumption 1/ (quadrillion Btu)															
Industrial Consumption Excluding Refining															
Liquefied Petroleum Gases Heat and Power	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	-1.5%
Liquefied Petroleum Gases Feedstocks	2.14	2.14	2.15	2.17	2.17	2.18	2.19	2.20	2.21	2.23	2.24	2.26	2.28	2.29	0.6%
Motor Gasoline	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.34	0.34	0.34	0.34	0.34	0.35	0.3%
Distillate Fuel Oil	1.18	1.18	1.18	1.19	1.20	1.20	1.20	1.20	1.21	1.23	1.23	1.23	1.24	1.25	0.1%
Residual Fuel Oil	0.12	0.11	0.11	0.11	0.11	0.11	0.12	0.11	0.12	0.12	0.12	0.12	0.12	0.12	-2.3%
Petrochemical Feedstocks	1.46	1.46	1.47	1.48	1.48	1.48	1.48	1.49	1.49	1.50	1.50	1.51	1.52	1.53	0.4%
Petroleum Coke	0.30	0.30	0.30	0.30	0.30	0.30	0.31	0.31	0.31	0.31	0.32	0.32	0.32	0.32	0.0%
Asphalt and Road Oil	1.25	1.26	1.26	1.27	1.28	1.29	1.29	1.30	1.32	1.34	1.34	1.34	1.35	1.36	0.1%
Miscellaneous Petroleum 2/	0.32	0.31	0.30	0.30	0.31	0.31	0.31	0.31	0.31	0.32	0.32	0.33	0.33	0.34	-2.2%
Petroleum Subtotal	7.17	7.16	7.18	7.24	7.27	7.29	7.32	7.35	7.41	7.46	7.50	7.54	7.60	7.64	0.2%
Natural Gas Heat and Power	5.88	5.93	6.03	6.08	6.13	6.19	6.23	6.31	6.38	6.42	6.47	6.51	6.55	6.59	0.9%
Natural Gas Feedstocks	0.55	0.55	0.55	0.55	0.55	0.55	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	-0.1%
Lease and Plant Fuel 3/	1.07	1.11	1.15	1.19	1.20	1.19	1.19	1.19	1.19	1.19	1.18	1.18	1.18	1.18	0.3%
Natural Gas Subtotal	7.50	7.58	7.73	7.83	7.88	7.93	7.98	8.06	8.13	8.17	8.21	8.25	8.29	8.33	0.7%
Metallurgical Coal and Coke 4/	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.57	0.57	0.57	0.57	0.57	0.57	-0.6%
Other Industrial Coal	1.23	1.22	1.22	1.23	1.23	1.23	1.23	1.23	1.24	1.24	1.24	1.25	1.25	1.25	0.1%
Coal Subtotal	1.79	1.78	1.78	1.79	1.79	1.79	1.79	1.80	1.81	1.81	1.81	1.82	1.82	1.82	-0.2%
Renewables 5/	1.72	1.73	1.76	1.78	1.80	1.82	1.85	1.87	1.90	1.93	1.95	1.97	2.00	2.02	1.4%
Purchased Electricity	3.52	3.53	3.57	3.61	3.64	3.67	3.70	3.73	3.78	3.82	3.86	3.91	3.95	4.00	0.7%
Delivered Energy	21.70	21.79	22.03	22.25	22.37	22.50	22.64	22.81	23.02	23.19	23.34	23.49	23.66	23.82	0.5%
Electricity Related Losses	7.48	7.47	7.50	7.54	7.52	7.54	7.55	7.58	7.62	7.64	7.67	7.71	7.73	7.77	0.2%
Total	29.18	29.26	29.53	29.79	29.89	30.04	30.19	30.39	30.64	30.83	31.02	31.20	31.39	31.59	0.4%
Refining Consumption 6/															
Liquefied Petroleum Gases Heat and Power	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
Distillate Fuel Oil	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
Residual Fuel Oil	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	3.7%
Petroleum Coke	0.61	0.62	0.63	0.63	0.63	0.64	0.66	0.66	0.67	0.68	0.69	0.70	0.71	0.72	1.0%
Still Gas	1.62	1.65	1.62	1.63	1.50	1.69	1.62	1.71	1.72	1.66	1.74	1.74	1.74	1.76	0.3%
Miscellaneous Petroleum 2/	0.02	0.03	0.03	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.6%
Petroleum Subtotal	2.29	2.33	2.31	2.32	2.19	2.38	2.34	2.43	2.45	2.40	2.49	2.51	2.52	2.55	0.5%
Natural Gas Heat and Power	1.27	1.23	1.28	1.29	1.47	1.23	1.34	1.24	1.24	1.33	1.25	1.26	1.29	1.27	1.1%
Natural-Gas-to-Liquids Heat and Power	0.00	0.00	0.00	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	N/A
Natural Gas Subtotal	1.27	1.23	1.28	1.44	1.62	1.38	1.49	1.39	1.39	1.48	1.40	1.41	1.44	1.42	1.5%

Table 6. Industrial Sector Key Indicators and Consumption

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Other Industrial Coal	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	0.0%
Coal-to-Liquids Heat and Power	0.52	0.70	0.94	1.26	1.67	1.89	2.15	2.29	2.52	2.66	3.01	3.06	3.39	3.49	N/A
Coal Subtotal	0.64	0.82	1.06	1.37	1.78	2.00	2.26	2.41	2.64	2.77	3.12	3.18	3.51	3.61	14.7%
Biofuels Heat and Coproducts	0.76	0.76	0.77	0.78	0.79	0.80	0.81	0.82	0.84	0.85	0.88	0.91	0.94	0.96	5.6%
Purchased Electricity	0.19	0.19	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.21	0.21	0.22	0.22	0.22	2.1%
Delivered Energy	5.15	5.34	5.61	6.11	6.58	6.77	7.10	7.25	7.52	7.72	8.10	8.22	8.61	8.75	3.5%
Electricity Related Losses	0.41	0.41	0.41	0.41	0.41	0.42	0.40	0.41	0.41	0.41	0.42	0.42	0.43	0.43	1.6%
Total	5.56	5.75	6.03	6.53	7.00	7.18	7.50	7.65	7.93	8.13	8.52	8.65	9.04	9.19	3.4%
Total Industrial Sector Consumption															
Liquefied Petroleum Gases Heat and Power	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	-1.9%
Liquefied Petroleum Gases Feedstocks	2.14	2.14	2.15	2.17	2.17	2.18	2.19	2.20	2.21	2.23	2.24	2.26	2.28	2.29	0.6%
Motor Gasoline	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.34	0.34	0.34	0.34	0.34	0.35	0.3%
Distillate Fuel Oil	1.18	1.18	1.18	1.19	1.20	1.20	1.20	1.20	1.21	1.23	1.23	1.23	1.24	1.25	0.1%
Residual Fuel Oil	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	-1.6%
Petrochemical Feedstocks	1.46	1.46	1.47	1.48	1.48	1.48	1.48	1.49	1.49	1.50	1.50	1.51	1.52	1.53	0.4%
Petroleum Coke	0.91	0.91	0.93	0.93	0.93	0.94	0.96	0.97	0.98	0.99	1.01	1.02	1.03	1.04	0.6%
Asphalt and Road Oil	1.25	1.26	1.26	1.27	1.28	1.29	1.29	1.30	1.32	1.34	1.34	1.34	1.35	1.36	0.1%
Still Gas	1.62	1.65	1.62	1.63	1.50	1.69	1.62	1.71	1.72	1.66	1.74	1.74	1.74	1.76	0.3%
Miscellaneous Petroleum 2/	0.35	0.33	0.32	0.33	0.33	0.33	0.34	0.34	0.34	0.35	0.35	0.36	0.36	0.37	-2.0%
Petroleum Subtotal	9.46	9.49	9.50	9.56	9.46	9.67	9.66	9.78	9.86	9.86	10.00	10.05	10.11	10.19	0.2%
Natural Gas Heat and Power	7.16	7.16	7.31	7.37	7.60	7.42	7.57	7.55	7.62	7.76	7.72	7.78	7.84	7.86	0.9%
Natural-Gas-to-Liquids Heat and Power	0.00	0.00	0.00	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	N/A
Natural Gas Feedstocks	0.55	0.55	0.55	0.55	0.55	0.55	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	-0.1%
Lease and Plant Fuel 3/	1.07	1.11	1.15	1.19	1.20	1.19	1.19	1.19	1.19	1.19	1.19	1.18	1.18	1.18	0.3%
Natural Gas Subtotal	8.78	8.82	9.01	9.12	9.35	9.16	9.32	9.29	9.37	9.50	9.46	9.52	9.58	9.60	0.8%
Metallurgical Coal and Coke 4/	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.57	0.57	0.57	0.57	0.57	0.57	-0.6%
Other Industrial Coal	1.34	1.34	1.34	1.34	1.34	1.34	1.35	1.35	1.35	1.36	1.36	1.36	1.36	1.37	0.1%
Coal-to-Liquids Heat and Power	0.52	0.70	0.94	1.26	1.67	1.89	2.15	2.29	2.52	2.66	3.01	3.06	3.39	3.49	N/A
Coal Subtotal	2.43	2.60	2.84	3.16	3.57	3.79	4.06	4.21	4.44	4.58	4.94	5.00	5.33	5.43	4.1%
Biofuels Heat and Coproducts	0.76	0.76	0.77	0.78	0.79	0.80	0.81	0.82	0.84	0.85	0.88	0.91	0.94	0.96	5.6%
Renewables 5/	1.72	1.73	1.76	1.78	1.80	1.82	1.85	1.87	1.90	1.93	1.95	1.97	2.00	2.02	1.4%
Purchased Electricity	3.72	3.73	3.77	3.81	3.84	3.87	3.90	3.93	3.98	4.03	4.07	4.12	4.17	4.22	0.8%
Delivered Energy	26.85	27.13	27.64	28.36	28.96	29.27	29.74	30.06	30.54	30.91	31.44	31.71	32.27	32.57	1.1%
Electricity Related Losses	7.89	7.88	7.91	7.95	7.94	7.95	7.95	7.99	8.03	8.06	8.09	8.14	8.16	8.20	0.3%
Total	34.74	35.01	35.55	36.32	36.89	37.22	37.69	38.04	38.57	38.96	39.54	39.85	40.43	40.77	0.9%
Energy Consumption per dollar of Shipment 1 (thousand Btu per 2000 dollar)															
Liquefied Petroleum Gases Heat and Power	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	-3.9%
Liquefied Petroleum Gases Feedstocks	0.30	0.29	0.29	0.28	0.28	0.27	0.27	0.26	0.26	0.25	0.25	0.25	0.24	0.24	-1.4%
Motor Gasoline	0.05	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%
Distillate Fuel Oil	0.16	0.16	0.16	0.16	0.15	0.15	0.15	0.14	0.14	0.14	0.14	0.14	0.13	0.13	-1.9%
Residual Fuel Oil	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	-3.5%
Petrochemical Feedstocks	0.20	0.20	0.20	0.19	0.19	0.18	0.18	0.18	0.17	0.17	0.17	0.17	0.16	0.16	-1.6%
Petroleum Coke	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.11	-1.4%
Asphalt and Road Oil	0.17	0.17	0.17	0.17	0.16	0.16	0.16	0.16	0.15	0.15	0.15	0.15	0.15	0.14	-1.8%
Still Gas	0.23	0.23	0.22	0.21	0.19	0.21	0.20	0.21	0.20	0.19	0.20	0.19	0.19	0.18	-1.7%
Miscellaneous Petroleum 2/	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	-4.0%
Petroleum Subtotal	1.31	1.29	1.26	1.24	1.21	1.21	1.18	1.17	1.15	1.13	1.12	1.10	1.09	1.07	-1.8%
Natural Gas Heat and Power	0.99	0.97	0.97	0.96	0.97	0.93	0.93	0.90	0.89	0.89	0.86	0.85	0.84	0.83	-1.1%
Natural-Gas-to-Liquids Heat and Power	0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	N/A
Natural Gas Feedstocks	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.06	-2.1%
Lease and Plant Fuel 3/	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.14	0.14	0.14	0.13	0.13	0.13	0.12	-1.7%
Natural Gas Subtotal	1.22	1.20	1.20	1.20	1.21	1.16	1.16	1.13	1.11	1.10	1.08	1.06	1.05	1.03	-1.2%
Metallurgical Coal and Coke 4/	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06	-2.5%

Table 6. Industrial Sector Key Indicators and Consumption

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Other Industrial Coal	0.19	0.18	0.18	0.17	0.17	0.17	0.16	0.16	0.16	0.15	0.15	0.15	0.15	0.14	-1.9%
Coal-to-Liquids Heat and Power	0.07	0.10	0.13	0.16	0.21	0.24	0.26	0.27	0.30	0.30	0.34	0.34	0.36	0.37	N/A
Coal Subtotal	0.34	0.35	0.38	0.41	0.45	0.47	0.50	0.50	0.52	0.52	0.55	0.55	0.57	0.57	2.0%
Biofuels Heat and Coproducts	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	3.5%
Renewables 5/	0.24	0.24	0.23	0.23	0.23	0.23	0.23	0.22	0.22	0.22	0.22	0.22	0.21	0.21	-0.6%
Purchased Electricity	0.52	0.51	0.50	0.50	0.49	0.48	0.48	0.47	0.47	0.46	0.46	0.45	0.45	0.44	-1.2%
Delivered Energy	3.73	3.69	3.68	3.68	3.69	3.65	3.64	3.60	3.57	3.53	3.52	3.48	3.47	3.43	-0.9%
Electricity Related Losses	1.10	1.07	1.05	1.03	1.01	0.99	0.97	0.96	0.94	0.92	0.91	0.89	0.88	0.86	-1.7%
Total	4.83	4.77	4.73	4.72	4.70	4.64	4.61	4.56	4.51	4.46	4.42	4.37	4.35	4.29	-1.1%
Total Industrial Combined Heat and Power Capacity (gigawatts)	38.94	41.64	45.13	49.47	54.94	58.11	62.02	64.25	67.52	69.54	74.13	75.15	79.41	80.89	4.7%
Generation (billion kilowatthours)	244.13	265.09	292.19	325.96	368.66	393.24	423.75	440.97	466.29	481.85	517.72	525.45	558.45	569.79	5.7%

Table 6. Industrial Sector Key Indicators and Consumption

1/ Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.

2/ Includes lubricants and miscellaneous petroleum products.

3/ Represents natural gas used in well, field, and lease operations, and in natural gas processing plant machinery.

4/ Includes net coal coke imports.

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

6/ Includes energy consumed by petroleum, coal to liquids, and natural gas to liquids, and biofuel refiners. Excludes hydrogen production at refiners which is included in Industrial Consumption.

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2004 and 2005 are model results and may differ slightly from official EIA data reports.

Sources: 2004 and 2005 prices for motor gasoline and distillate fuel oil are based on: Energy Information Administration (EIA), Petroleum Marketing Annual 2005, DOE/EIA-0487(2005) (Washington, DC, August 2006). 2004 and 2005 coal prices are based on: EIA, Quarterly Coal Report, October-December 2005, DOE/EIA-0121(2005/4Q) (Washington, DC, March 2006) and EIA, AEO2007 National Energy Modeling System run aeo2007.d112106a. 2004 and 2005 electricity prices: Annual Energy Review 2005, DOE/EIA-0384(2005) (Washington, DC, July 2006). 2004 and 2005 natural gas prices are based on: EIA, Manufacturing Energy Consumption Survey 1994 and industrial and wellhead prices from the Natural Gas Annual 2004, DOE/EIA-0131(2004) (Washington, DC, December 2005) and the Natural Gas Monthly, DOE/EIA-0130(2006/04) (Washington, DC, April 2006). 2004 refining consumption values based on: Petroleum Supply Annual 2004, DOE/EIA-0340(2004)/1 (Washington, DC, June 2005). 2005 refining consumption values based on: Petroleum Supply Annual 2005, DOE/EIA-0340(2005)/1 (Washington, DC, October 2006). Other 2004 and 2005 consumption values are based on: EIA, Annual Energy Review 2005, DOE/EIA-0384(2005) (Washington, DC, July 2006). 2004 and 2005 shipments: Global Insight industry model, July 2005. Projections: EIA, AEO2007 National Energy Modeling System run hp2007.d112106a.

Table 7. Transportation Sector Key Indicators and Delivered Energy Consumption

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Key Indicators													
Travel Indicators													
(billion vehicle miles traveled)													
Light-Duty Vehicles < 8500 pounds	2652	2655	2653	2667	2690	2722	2761	2803	2846	2888	2933	2978	3026
Commercial Light Trucks 1/	66	67	69	69	70	70	71	72	74	75	77	78	80
Freight Trucks > 10000 pounds	226	230	236	241	245	248	252	257	263	268	274	281	288
(billion seat miles available)													
Air	992	1027	1023	1037	1072	1112	1162	1202	1225	1249	1272	1295	1319
(billion ton miles traveled)													
Rail	1590	1590	1636	1651	1658	1672	1711	1759	1786	1816	1851	1874	1919
Domestic Shipping	618	613	603	627	641	644	648	655	658	660	667	675	682
Energy Efficiency Indicators													
(miles per gallon)													
New Light-Duty Vehicle 2/	24.6	25.2	25.7	26.0	26.8	27.3	27.8	28.6	28.8	28.9	29.0	29.3	29.5
New Car 2/	29.1	30.0	29.5	29.8	30.0	31.1	31.9	32.5	32.8	32.9	33.0	33.2	33.4
New Light Truck 2/	21.5	21.8	22.0	22.2	23.3	23.5	23.9	24.7	24.9	25.0	25.1	25.3	25.5
Light-Duty Stock 3/	19.6	19.6	19.7	19.6	19.6	19.7	19.8	20.0	20.2	20.4	20.7	20.9	21.1
New Commercial Light Truck 1/	14.5	14.6	14.8	14.9	15.6	15.7	15.9	16.5	16.5	16.6	16.7	16.8	16.9
Stock Commercial Light Truck 1/	14.0	14.1	14.2	14.3	14.4	14.6	14.7	14.9	15.1	15.3	15.5	15.7	15.8
Freight Truck	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.1	6.1	6.2	6.2	6.3
(seat miles per gallon)													
Aircraft	55.5	55.7	55.9	56.6	57.2	57.8	58.3	58.8	59.5	60.3	61.1	62.0	63.0
(ton miles/thousand Btu)													
Rail	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
Domestic Shipping	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Energy Use by Mode													
(quadrillion Btu)													
Light-Duty Vehicles	16.34	16.36	16.55	16.51	16.47	16.47	16.49	16.55	16.61	16.67	16.75	16.83	16.93
Commercial Light Trucks 1/	0.59	0.59	0.61	0.61	0.60	0.60	0.60	0.61	0.61	0.62	0.62	0.63	0.63
Bus Transportation	0.26	0.26	0.26	0.26	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
Freight Trucks	4.70	4.77	4.90	5.02	5.09	5.15	5.23	5.32	5.41	5.50	5.56	5.64	5.72
Rail, Passenger	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Rail, Freight	0.55	0.55	0.56	0.57	0.57	0.57	0.58	0.60	0.61	0.62	0.63	0.64	0.65
Shipping, Domestic	0.26	0.26	0.25	0.26	0.27	0.27	0.27	0.27	0.27	0.27	0.28	0.28	0.28
Shipping, International	0.69	0.76	0.70	0.72	0.74	0.75	0.77	0.77	0.77	0.78	0.78	0.78	0.78
Recreational Boats	0.19	0.18	0.18	0.18	0.19	0.19	0.19	0.20	0.20	0.20	0.20	0.20	0.20
Air	2.85	2.84	2.91	3.01	3.13	3.28	3.46	3.56	3.61	3.66	3.70	3.74	3.78
Military Use	0.71	0.71	0.68	0.70	0.71	0.72	0.73	0.73	0.74	0.74	0.74	0.75	0.75
Lubricants	0.15	0.15	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Pipeline Fuel	0.59	0.58	0.57	0.63	0.64	0.64	0.64	0.65	0.65	0.65	0.66	0.66	0.67
Total	27.92	28.05	28.36	28.66	28.87	29.12	29.44	29.73	29.96	30.18	30.39	30.61	30.87
(million barrels per day oil equivalent)													
Light-Duty Vehicles	8.57	8.58	8.69	8.76	8.78	8.84	8.86	8.90	8.93	8.97	9.01	9.05	9.10
Commercial Light Trucks 1/	0.31	0.31	0.32	0.32	0.32	0.32	0.33	0.33	0.33	0.33	0.33	0.34	0.34
Bus Transportation	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
Freight Trucks	2.24	2.27	2.34	2.40	2.43	2.46	2.50	2.55	2.59	2.63	2.67	2.70	2.74
Rail, Passenger	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
Rail, Freight	0.26	0.26	0.27	0.27	0.27	0.27	0.28	0.29	0.29	0.29	0.30	0.30	0.31
Shipping, Domestic	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13
Shipping, International	0.30	0.33	0.31	0.32	0.32	0.33	0.34	0.34	0.34	0.34	0.34	0.34	0.34
Recreational Boats	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.11
Air	1.38	1.37	1.41	1.46	1.51	1.59	1.67	1.72	1.75	1.77	1.79	1.81	1.83
Military Use	0.34	0.34	0.33	0.33	0.34	0.35	0.35	0.35	0.35	0.36	0.36	0.36	0.36
Lubricants	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Pipeline Fuel	0.30	0.29	0.29	0.32	0.32	0.33	0.32	0.33	0.33	0.33	0.33	0.33	0.34
Total	14.14	14.19	14.36	14.62	14.75	14.93	15.11	15.25	15.37	15.48	15.59	15.70	15.83

Table 7. Transportation Sector Key Indicators and Delivered Energy Consumption

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Key Indicators															
Travel Indicators															
(billion vehicle miles traveled)															
Light-Duty Vehicles < 8500 pounds	3079	3134	3191	3251	3314	3377	3443	3511	3579	3647	3717	3786	3856	3924	1.6%
Commercial Light Trucks 1/	82	83	85	87	89	90	92	94	96	98	101	103	105	107	1.9%
Freight Trucks > 10000 pounds	294	299	307	314	321	328	335	343	352	361	369	378	386	395	2.2%
(billion seat miles available)															
Air	1343	1367	1393	1405	1419	1433	1447	1461	1474	1488	1501	1515	1528	1541	1.6%
(billion ton miles traveled)															
Rail	1954	1986	2032	2084	2138	2190	2238	2285	2337	2382	2445	2487	2546	2590	2.0%
Domestic Shipping	687	695	709	719	724	729	738	744	754	761	767	772	781	789	1.0%
Energy Efficiency Indicators															
(miles per gallon)															
New Light-Duty Vehicle 2/	29.7	30.0	30.3	30.5	30.7	31.0	31.1	31.2	31.4	31.5	31.6	31.7	31.8	31.9	0.9%
New Car 2/	33.6	34.0	34.3	34.5	34.8	35.1	35.2	35.4	35.6	35.7	35.8	36.0	36.1	36.2	0.8%
New Light Truck 2/	25.8	26.1	26.4	26.6	26.8	27.1	27.2	27.4	27.6	27.8	27.9	28.0	28.1	28.2	1.0%
Light-Duty Stock 3/	21.3	21.6	21.8	22.0	22.2	22.5	22.7	22.9	23.1	23.3	23.4	23.6	23.8	23.9	0.8%
New Commercial Light Truck 1/	17.0	17.2	17.3	17.5	17.6	17.8	17.9	18.0	18.1	18.2	18.2	18.3	18.4	18.4	0.9%
Stock Commercial Light Truck 1/	16.0	16.2	16.3	16.5	16.7	16.8	17.0	17.2	17.3	17.4	17.5	17.7	17.8	17.9	0.9%
Freight Truck	6.4	6.4	6.5	6.6	6.6	6.7	6.7	6.7	6.8	6.8	6.8	6.8	6.9	6.9	0.5%
(seat miles per gallon)															
Aircraft	63.9	64.8	65.8	66.9	68.4	69.9	71.6	73.4	75.2	77.1	79.0	80.9	82.7	84.4	1.7%
(ton miles/thousand Btu)															
Rail	2.9	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	0.1%
Domestic Shipping	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.5	0.1%
Energy Use by Mode															
(quadrillion Btu)															
Light-Duty Vehicles	17.05	17.18	17.31	17.46	17.62	17.79	17.98	18.18	18.38	18.59	18.82	19.04	19.28	19.50	0.7%
Commercial Light Trucks 1/	0.64	0.64	0.65	0.66	0.67	0.67	0.68	0.69	0.70	0.71	0.72	0.73	0.74	0.75	1.0%
Bus Transportation	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.28	0.3%
Freight Trucks	5.77	5.82	5.90	5.99	6.07	6.17	6.26	6.37	6.50	6.63	6.76	6.89	7.02	7.16	1.6%
Rail, Passenger	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	1.3%
Rail, Freight	0.66	0.67	0.69	0.70	0.72	0.74	0.75	0.77	0.79	0.80	0.82	0.83	0.85	0.87	1.9%
Shipping, Domestic	0.28	0.29	0.29	0.30	0.30	0.30	0.30	0.31	0.31	0.31	0.31	0.31	0.32	0.32	0.9%
Shipping, International	0.78	0.78	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.80	0.80	0.80	0.80	0.80	0.2%
Recreational Boats	0.21	0.21	0.21	0.21	0.21	0.22	0.22	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.9%
Air	3.83	3.87	3.90	3.91	3.90	3.88	3.85	3.83	3.80	3.77	3.74	3.71	3.69	3.67	1.0%
Military Use	0.76	0.76	0.77	0.77	0.77	0.78	0.78	0.78	0.79	0.79	0.79	0.79	0.80	0.80	0.5%
Lubricants	0.15	0.15	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.4%
Pipeline Fuel	0.66	0.69	0.73	0.74	0.75	0.74	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.0%
Total	31.12	31.40	31.72	32.01	32.28	32.56	32.85	33.17	33.52	33.87	34.22	34.59	34.97	35.36	0.9%
(million barrels per day oil equivalent)															
Light-Duty Vehicles	9.17	9.24	9.31	9.40	9.49	9.58	9.68	9.79	9.90	10.02	10.15	10.28	10.41	10.56	0.8%
Commercial Light Trucks 1/	0.34	0.35	0.35	0.36	0.36	0.36	0.37	0.37	0.38	0.38	0.39	0.39	0.40	0.40	1.1%
Bus Transportation	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.14	0.3%
Freight Trucks	2.77	2.79	2.83	2.87	2.91	2.96	3.00	3.05	3.12	3.18	3.24	3.30	3.37	3.43	1.7%
Rail, Passenger	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	0.03	1.3%
Rail, Freight	0.32	0.32	0.33	0.34	0.34	0.35	0.36	0.37	0.37	0.38	0.39	0.40	0.41	0.41	1.9%
Shipping, Domestic	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.15	0.15	0.15	0.15	0.9%
Shipping, International	0.34	0.34	0.34	0.34	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.2%
Recreational Boats	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	1.0%
Air	1.85	1.87	1.89	1.89	1.88	1.88	1.86	1.85	1.84	1.82	1.81	1.79	1.78	1.77	1.0%
Military Use	0.36	0.37	0.37	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.5%
Lubricants	0.07	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	0.4%
Pipeline Fuel	0.33	0.35	0.37	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	1.0%
Total	15.96	16.10	16.26	16.42	16.56	16.70	16.86	17.03	17.21	17.39	17.58	17.78	17.99	18.21	1.0%

Table 7. Transportation Sector Key Indicators and Delivered Energy Consumption

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.

Btu = British thermal unit.

Note: Totals may not equal sum of components due to independent rounding. Data for 2004 and 2005 are model results and may differ slightly from official EIA data reports.

Sources: 2004 and 2005: Energy Information Administration (EIA), Natural Gas Annual 2004, DOE/EIA-0131(2004) (Washington, DC, December 2005); EIA, Annual Energy Review 2005, DOE/EIA-0384(2005) (Washington, DC, July 2006); Federal Highway Administration, Highway Statistics 2004 (Washington, DC, October 2005); Oak Ridge National Laboratory, Transportation Energy Data Book: Edition 25 and Annual (Oak Ridge, TN, 2006); National Highway Traffic and Safety Administration, Summary of Fuel Economy Performance (Washington, DC, February 2000); U.S. Department of Commerce, Bureau of the Census, "Vehicle Inventory and Use Survey," EC97TV (Washington, DC, October 1999); EIA, Estimated Number of Alternative-Fueled Vehicles, http://www.eia.doe.gov/cneaf/alternate/page/datatables/aft1-13_03.html; EIA, State Energy Data Report 2002, DOE/EIA-0214(2002) (Washington, DC, December 2005); U.S. Department of Transportation, Research and Special Programs Administration, Air Carrier Statistics Monthly, December 2005/2004 (Washington, DC, 2005); EIA, Fuel Oil and Kerosene Sales 2004, DOE/EIA-0535(2004) (Washington, DC, November 2005); and United States Department of Defense, Defense Fuel Supply Center. Projections: EIA, AEO2007 National Energy Modeling System run hp2007.d112106a.

Table 8. Electricity Supply, Disposition, Prices, and Emissions
(billion kilowatthours, unless otherwise noted)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Net Generation by Fuel Type													
Electric Power Sector 1/ Power Only 2/													
Coal	1921	1956	1971	1990	1996	2031	2114	2166	2203	2237	2293	2327	2364
Petroleum	111	111	71	78	80	80	81	81	85	79	79	74	74
Natural Gas 3/	491	546	590	596	651	648	603	593	593	611	594	602	599
Nuclear Power	789	780	787	795	792	788	789	792	804	806	808	814	826
Pumped Storage/Other	-8	-7	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
Renewable Sources 4/	321	319	360	387	399	418	431	437	436	438	445	456	462
Distributed Generation (Natural Gas)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	3624	3705	3770	3837	3909	3957	4010	4061	4112	4162	4212	4266	4317
Combined Heat and Power 5/													
Coal	36	37	31	32	31	31	31	31	31	29	29	29	29
Petroleum	5	5	1	1	1	1	1	1	1	1	1	1	1
Natural Gas	137	129	130	132	136	138	133	132	132	132	131	132	132
Renewable Sources	4	4	3	4	4	4	4	4	4	4	4	4	4
Total	185	178	167	168	173	174	169	168	168	166	165	166	166
Total Net Generation	3808	3883	3937	4005	4082	4131	4178	4229	4280	4328	4377	4431	4483
Less Direct Use	35	35	34	34	34	34	34	35	33	33	33	33	33
Net Available to the Grid	3773	3849	3903	3970	4047	4097	4144	4194	4247	4295	4343	4398	4450
End-Use Generation 6/													
Coal	22	22	22	22	22	22	22	30	33	37	42	49	58
Petroleum	6	6	6	11	11	11	11	11	11	11	11	11	11
Natural Gas	82	77	77	86	90	93	96	99	102	105	109	111	114
Other Gaseous Fuels 7/	6	5	4	4	4	4	4	5	5	5	5	5	5
Renewable Sources 4/	37	34	35	36	36	36	37	37	38	38	39	39	40
Other 8/	14	12	11	11	11	11	11	11	11	11	11	11	11
Total	167	155	155	170	175	178	181	193	200	207	217	227	240
Less Direct Use	136	126	125	134	137	140	142	149	153	157	162	167	174
Total Sales to the Grid	31	29	30	36	38	38	39	45	47	51	55	60	67
Total Electricity Generation	3975	4038	4092	4175	4257	4309	4360	4422	4480	4535	4593	4659	4723
Total Net Generation to the Grid	3804	3877	3933	4007	4085	4135	4183	4239	4294	4345	4398	4458	4517
Net Imports	11	25	27	17	15	8	15	12	15	18	16	10	12
Electricity Sales by Sector													
Residential	1294	1365	1386	1402	1433	1454	1478	1499	1523	1540	1560	1580	1603
Commercial	1229	1267	1280	1305	1343	1368	1392	1418	1446	1475	1502	1528	1554
Industrial	1018	1021	1021	1043	1047	1045	1050	1055	1060	1068	1072	1078	1086
Transportation	7	7	8	8	8	8	8	8	9	9	9	9	9
Total	3548	3660	3694	3757	3830	3874	3928	3980	4038	4091	4142	4195	4253
Direct Use	171	161	159	168	172	174	177	183	186	190	195	200	207
Total Electricity Use	3719	3821	3853	3925	4002	4049	4105	4163	4223	4281	4337	4396	4460

Table 8. Electricity Supply, Disposition, Prices, and Emissions
(billion kilowatthours, unless otherwise noted)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
End-Use Prices													
(2005 cents per kilowatthour)													
Residential	9.2	9.4	9.4	9.4	9.4	9.4	9.4	9.3	9.3	9.2	9.2	9.2	9.3
Commercial	8.4	8.6	8.8	8.7	8.7	8.7	8.6	8.5	8.5	8.4	8.4	8.4	8.5
Industrial	5.4	5.7	6.2	6.4	6.5	6.5	6.4	6.2	6.0	5.9	5.9	5.9	6.0
Transportation	8.9	8.6	8.9	8.8	8.9	8.9	8.8	8.6	8.6	8.5	8.5	8.5	8.6
All Sectors Average	7.9	8.1	8.3	8.3	8.4	8.4	8.3	8.2	8.1	8.0	8.0	8.0	8.1
Prices by Service Category 9/													
(2005 cents per kilowatthour)													
Generation	5.2	5.4	5.7	5.7	5.7	5.7	5.7	5.5	5.5	5.4	5.4	5.4	5.4
Transmission	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
Distribution	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
Electric Power Sector Emissions 1/													
Sulfur Dioxide (million tons)	10.26	10.21	10.20	9.98	8.95	7.99	6.67	5.93	5.38	4.80	4.69	4.28	4.18
Nitrogen Oxide (million tons)	3.75	3.60	3.89	3.82	3.86	2.41	2.41	2.43	2.44	2.44	2.44	2.20	2.18
Mercury (tons)	47.15	51.25	52.02	52.04	50.34	48.87	37.17	37.02	34.37	29.59	26.25	23.56	22.34

Table 8. Electricity Supply, Disposition, Prices, and Emissions
(billion kilowatthours, unless otherwise noted)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Net Generation by Fuel Type															
Electric Power Sector 1/ Power Only 2/															
Coal	2410	2459	2516	2572	2612	2663	2712	2769	2826	2893	2969	3051	3112	3188	2.0%
Petroleum	74	75	75	75	76	77	78	78	78	79	79	79	80	80	-1.3%
Natural Gas 3/	569	559	541	517	492	480	469	462	451	433	417	402	388	398	-1.3%
Nuclear Power	844	862	880	901	919	930	939	952	966	977	985	995	1002	990	1.0%
Pumped Storage/Other	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	1.1%
Renewable Sources 4/	466	462	461	472	473	475	476	477	476	474	473	473	476	477	1.6%
Distributed Generation (Natural Gas)	0	0	0	0	0	1	1	1	2	3	3	4	4	5	N/A
Total	4355	4407	4464	4529	4563	4616	4666	4731	4789	4850	4918	4995	5053	5129	1.3%
Combined Heat and Power 5/															
Coal	29	29	29	29	28	28	28	28	28	27	27	26	27	27	-1.3%
Petroleum	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-5.3%
Natural Gas	129	126	123	120	118	115	114	114	113	109	105	103	97	98	-1.1%
Renewable Sources	4	4	3	3	3	4	4	4	4	4	4	4	4	4	0.2%
Total	163	160	157	154	151	149	147	147	146	141	137	134	129	130	-1.3%
Total Net Generation	4519	4567	4620	4683	4714	4765	4813	4877	4935	4991	5055	5129	5182	5259	1.2%
Less Direct Use	33	33	33	33	33	33	33	33	33	33	33	33	33	33	-0.2%
Net Available to the Grid	4486	4534	4587	4650	4681	4732	4780	4844	4903	4958	5022	5097	5149	5226	1.2%
End-Use Generation 6/															
Coal	71	88	111	141	180	201	225	239	261	274	307	312	343	353	11.7%
Petroleum	11	11	11	11	11	11	13	13	13	13	13	13	13	13	3.2%
Natural Gas	118	121	125	128	131	134	138	141	143	146	148	150	151	152	2.8%
Other Gaseous Fuels 7/	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0.2%
Renewable Sources 4/	40	41	42	43	43	44	45	46	48	49	50	52	54	56	2.0%
Other 8/	11	11	11	11	11	11	11	11	11	11	11	11	11	11	0.0%
Total	257	278	305	339	382	407	438	456	481	498	534	543	578	591	5.5%
Less Direct Use	182	191	204	218	237	248	262	271	282	290	306	311	326	332	3.9%
Total Sales to the Grid	75	87	102	121	146	159	175	185	199	207	228	232	252	259	9.2%
Total Electricity Generation	4776	4846	4926	5022	5096	5172	5251	5333	5417	5489	5590	5673	5760	5850	1.5%
Total Net Generation to the Grid	4561	4621	4689	4771	4827	4891	4956	5029	5101	5166	5251	5329	5401	5484	1.4%
Net Imports	17	13	15	11	12	13	14	15	14	14	19	23	27	25	0.0%
Electricity Sales by Sector															
Residential	1619	1640	1664	1692	1707	1727	1747	1772	1789	1810	1831	1855	1872	1892	1.3%
Commercial	1581	1609	1640	1672	1704	1737	1770	1804	1840	1877	1915	1954	1994	2034	1.9%
Industrial	1089	1093	1105	1117	1124	1134	1142	1153	1168	1180	1194	1208	1223	1238	0.8%
Transportation	9	9	10	10	10	10	10	10	11	11	11	11	11	11	1.7%
Total	4299	4352	4418	4491	4545	4607	4669	4739	4807	4877	4950	5028	5100	5175	1.4%
Direct Use	215	225	237	252	270	281	295	304	315	323	339	344	358	365	3.3%
Total Electricity Use	4514	4576	4655	4743	4815	4888	4964	5043	5122	5200	5289	5372	5459	5540	1.5%

Table 8. Electricity Supply, Disposition, Prices, and Emissions
(billion kilowatthours, unless otherwise noted)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
End-Use Prices															
(2005 cents per kilowatthour)															
Residential	9.3	9.4	9.2	9.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	-0.1%
Commercial	8.6	8.6	8.5	8.4	8.5	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	0.0%
Industrial	6.1	6.1	6.0	5.9	6.0	6.0	6.0	6.1	6.1	6.1	6.1	6.1	6.0	6.0	0.2%
Transportation	8.7	8.7	8.6	8.5	8.5	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	0.0%
All Sectors Average	8.2	8.2	8.1	8.1	8.2	8.2	8.2	8.3	8.3	8.3	8.3	8.3	8.2	8.3	0.1%
Prices by Service Category 9/															
(2005 cents per kilowatthour)															
Generation	5.5	5.5	5.4	5.4	5.5	5.5	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	0.1%
Transmission	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.0%
Distribution	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	-0.3%
Electric Power Sector Emissions 1/															
Sulfur Dioxide (million tons)	4.04	3.95	3.89	3.85	3.72	3.64	3.63	3.60	3.56	3.54	3.55	3.57	3.54	3.52	-4.2%
Nitrogen Oxide (million tons)	2.18	2.19	2.18	2.18	2.17	2.18	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.20	-2.0%
Mercury (tons)	22.01	20.62	19.16	18.23	17.54	17.32	16.74	16.28	15.86	15.48	15.42	15.24	14.81	14.57	-4.9%

Table 8. Electricity Supply, Disposition, Prices, and Emissions
(billion kilowatthours, unless otherwise noted)

1/ Includes electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public.

2/ Includes plants that only produce electricity.

3/ Includes electricity generation from fuel cells.

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

5/ Includes combined heat and power plants whose primary business is to sell electricity and heat to the public (i.e., those that report North American Industry Classification System code 22).

6/ Includes combined heat and power plants and electricity-only plants in the commercial and industrial sectors; and small on-site generating systems in the residential, commercial, and industrial sectors used primarily for own-use generation, but which may also sell some power to the grid.

7/ Includes refinery gas and still gas.

8/ Includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2004 and 2005 are model results and may differ slightly from official EIA data reports.

Sources: 2004 and 2005 electric power sector generation; sales to utilities; net imports; electricity sales; and emissions: Energy Information Administration (EIA), Annual Energy Review 2005, DOE/EIA-0384(2005) (Washington, DC, July 2006) and supporting databases. 2004 and 2005 prices: EIA, AEO2007 National Energy Modeling System run aeo2007.d112106a. Projections: EIA, AEO2007 National Energy Modeling System run hp2007.d112106a.

Table 9. Electricity Generating Capacity
(gigawatts)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Electric Power Sector 2/													
Power Only 3/													
Coal Steam	306.3	306.0	306.1	307.1	307.4	311.3	319.8	321.6	321.7	322.6	327.0	331.8	336.9
Other Fossil Steam 4/	123.3	120.8	119.4	119.4	119.0	119.0	119.0	118.9	80.5	79.0	78.8	76.2	76.1
Combined Cycle	133.0	144.2	152.2	157.0	159.6	160.3	160.9	161.7	161.7	161.7	161.7	161.7	161.7
Combustion Turbine/Diesel	128.1	130.3	131.6	133.2	134.2	134.3	134.2	134.2	113.1	113.4	113.2	113.2	113.2
Nuclear Power 5/	99.6	100.0	100.0	100.1	100.2	100.3	100.5	100.8	101.2	101.5	101.8	102.8	104.6
Pumped Storage	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
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
Renewable Sources 6/	94.4	97.2	100.2	104.7	104.9	105.5	105.6	105.8	106.0	106.2	106.6	107.3	107.4
Distributed Generation (Natural Gas) 7/	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4
Total	905.3	919.2	930.3	942.3	946.1	951.5	960.9	964.0	905.2	905.3	910.2	914.0	921.1
Combined Heat and Power 8/													
Coal Steam	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.2	4.2	4.2	4.2
Other Fossil Steam 4/	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Combined Cycle	32.5	32.5	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
Combustion Turbine/Diesel	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
Renewable Sources 6/	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Total	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.3	40.3	40.3	40.3
Cumulative Planned Additions 9/													
Coal Steam	0.0	0.0	0.6	2.0	2.5	6.4	8.5	8.9	9.9	9.9	9.9	9.9	9.9
Other Fossil Steam 4/	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
Combined Cycle	0.0	0.0	8.0	12.8	15.4	16.2	16.7	17.6	17.6	17.6	17.6	17.6	17.6
Combustion Turbine/Diesel	0.0	0.0	1.5	3.1	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
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
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
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
Renewable Sources 6/	0.0	0.0	3.0	7.5	7.7	7.9	8.1	8.3	8.4	8.6	8.8	8.9	8.9
Distributed Generation 7/	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
Total	0.0	0.0	13.1	25.4	29.2	34.2	37.0	38.5	39.7	39.8	40.0	40.1	40.2
Cumulative Unplanned Additions 9/													
Coal Steam	0.0	0.0	0.0	0.0	0.0	0.0	6.5	8.0	8.4	9.7	14.3	19.7	24.9
Other Fossil Steam 4/	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
Combined Cycle	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
Combustion Turbine/Diesel	0.0	0.0	0.0	0.0	0.6	0.7	0.7	0.8	0.8	1.1	1.3	1.3	1.4
Nuclear Power	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.4
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
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
Renewable Sources 6/	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.4	0.7	1.2	1.3
Distributed Generation 7/	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4
Total	0.0	0.0	0.0	0.0	0.7	1.1	7.7	9.3	9.7	11.5	16.6	23.4	30.4
Cumulative Electric Power Sector Additions	0.0	0.0	13.1	25.4	29.9	35.3	44.7	47.8	49.4	51.3	56.5	63.6	70.5
Cumulative Retirements 10/													
Coal Steam	0.0	0.0	0.4	0.8	1.1	1.1	1.1	1.3	2.5	3.5	3.7	4.3	4.4
Other Fossil Steam 4/	0.0	0.0	1.4	1.4	1.8	1.8	1.8	1.9	40.3	41.8	42.0	44.6	44.7
Combined Cycle	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Combustion Turbine/Diesel	0.0	0.0	0.2	0.2	0.3	0.5	0.6	0.7	21.7	21.8	22.2	22.2	22.2
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
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
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
Renewable Sources 6/	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
Total	0.0	0.0	2.1	2.5	3.3	3.4	3.6	3.9	64.6	67.2	67.9	71.2	71.4

Table 9. Electricity Generating Capacity
(gigawatts)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Total Electric Power Sector Capacity	946.3	960.1	971.2	983.1	986.9	992.4	1001.7	1004.9	946.1	945.7	950.5	954.4	961.5
End-Use Generators 11/													
Coal	4.1	4.2	4.2	4.1	4.1	4.1	4.1	5.2	5.5	6.0	6.7	7.6	8.8
Petroleum	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Natural Gas	13.9	13.5	13.8	15.4	16.0	16.3	16.7	17.1	17.5	17.9	18.4	18.7	19.1
Other Gaseous Fuels	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Renewable Sources 6/	5.8	5.6	5.8	6.0	6.1	6.2	6.3	6.4	6.5	6.7	6.8	6.9	7.0
Other	1.1	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Total	28.2	27.5	28.0	29.8	30.5	31.0	31.5	33.1	34.0	35.0	36.2	37.6	39.3
Cumulative Capacity Additions 9/	0.0	0.0	0.5	2.3	3.0	3.5	4.0	5.6	6.5	7.5	8.7	10.1	11.8

Table 9. Electricity Generating Capacity
(gigawatts)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Electric Power Sector 2/															
Power Only 3/															
Coal Steam	342.8	349.2	357.2	365.6	371.7	378.6	385.6	393.5	401.6	410.7	421.5	433.1	442.7	453.0	1.6%
Other Fossil Steam 4/	76.1	76.1	76.1	76.1	76.0	75.0	75.0	74.4	74.4	74.4	74.4	74.4	74.4	74.3	-1.9%
Combined Cycle	161.7	161.7	161.7	161.7	161.7	161.7	161.7	161.7	161.7	161.7	161.7	161.7	161.7	161.7	0.5%
Combustion Turbine/Diesel	113.4	113.5	113.8	114.6	115.8	117.5	119.5	121.8	123.8	126.8	130.9	135.4	141.3	148.0	0.5%
Nuclear Power 5/	107.1	109.5	111.7	114.6	116.5	117.6	118.7	120.5	122.3	123.6	124.4	125.8	126.5	124.5	0.9%
Pumped Storage	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	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	N/A
Renewable Sources 6/	107.9	108.3	108.4	109.3	109.6	109.7	109.8	110.1	110.3	110.4	110.7	110.8	111.2	111.6	0.6%
Distributed Generation (Natural Gas) 7/	0.4	0.5	0.6	0.8	1.1	1.7	2.4	3.4	4.5	5.8	7.2	8.6	10.0	11.3	N/A
Total	930.2	939.6	950.4	963.5	973.2	982.6	993.6	1006.2	1019.3	1034.2	1051.4	1070.5	1088.6	1105.2	0.7%
Combined Heat and Power 8/															
Coal Steam	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	-0.5%
Other Fossil Steam 4/	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	N/A
Combined Cycle	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	0.0%
Combustion Turbine/Diesel	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	0.0%
Renewable Sources 6/	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.2%
Total	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	-0.1%
Cumulative Planned Additions 9/															
Coal Steam	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	N/A
Other Fossil Steam 4/	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	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	N/A
Combustion Turbine/Diesel	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	N/A
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	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	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	N/A
Renewable Sources 6/	9.0	9.0	9.0	9.0	9.0	9.1	9.1	9.1	9.1	9.2	9.2	9.2	9.2	9.2	N/A
Distributed Generation 7/	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	40.2	40.2	40.2	40.2	40.3	40.3	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.5	N/A
Cumulative Unplanned Additions 9/															
Coal Steam	31.4	37.8	45.8	54.2	60.6	67.6	74.7	82.7	90.7	99.9	110.7	122.3	131.9	142.2	N/A
Other Fossil Steam 4/	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Combustion Turbine/Diesel	1.5	1.7	2.0	2.7	4.0	5.7	7.7	10.1	12.8	16.1	20.1	24.7	30.6	37.3	N/A
Nuclear Power	4.4	6.8	9.0	11.9	13.8	14.9	16.0	17.8	19.5	20.9	21.7	23.1	23.8	24.3	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	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	N/A
Renewable Sources 6/	1.7	2.1	2.2	3.1	3.3	3.4	3.5	3.8	4.0	4.1	4.3	4.4	4.7	5.1	N/A
Distributed Generation 7/	0.4	0.5	0.6	0.8	1.1	1.7	2.4	3.4	4.5	5.8	7.2	8.6	10.0	11.3	N/A
Total	39.5	48.8	59.7	72.8	82.8	93.4	104.4	117.8	131.6	146.7	164.0	183.0	201.0	220.3	N/A
Cumulative Electric Power Sector Additions	79.7	89.0	99.9	113.0	123.1	133.7	144.7	158.1	171.9	187.1	204.4	223.4	241.5	260.8	N/A
Cumulative Retirements 10/															
Coal Steam	5.0	5.0	5.1	5.1	5.3	5.5	5.5	5.6	5.6	5.6	5.6	5.6	5.6	5.6	N/A
Other Fossil Steam 4/	44.7	44.7	44.7	44.7	44.8	45.8	45.8	46.4	46.4	46.4	46.4	46.4	46.4	46.5	N/A
Combined Cycle	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	N/A
Combustion Turbine/Diesel	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.3	23.1	23.4	23.4	23.4	23.4	23.4	N/A
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	2.6	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	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	N/A
Renewable Sources 6/	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	72.0	72.0	72.1	72.1	72.4	73.6	73.6	74.4	75.2	75.4	75.4	75.4	75.4	78.1	N/A

Table 9. Electricity Generating Capacity
(gigawatts)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005- 2030
Total Electric Power Sector Capacity	970.6	979.9	990.7	1003.8	1013.5	1023.0	1034.0	1046.5	1059.6	1074.5	1091.8	1110.8	1128.9	1145.6	0.7%
End-Use Generators 11/															
Coal	10.4	12.6	15.5	19.3	24.2	26.9	30.0	31.8	34.5	36.1	40.4	41.0	45.0	46.2	10.1%
Petroleum	1.6	1.6	1.6	1.6	1.6	1.6	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	0.6%
Natural Gas	19.6	20.0	20.5	20.9	21.4	21.8	22.2	22.6	22.9	23.3	23.5	23.8	24.0	24.2	2.4%
Other Gaseous Fuels	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	0.2%
Renewable Sources 6/	7.1	7.2	7.3	7.5	7.7	7.9	8.1	8.5	8.8	9.2	9.6	10.2	11.0	11.9	3.0%
Other	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	N/A
Total	41.5	44.2	47.7	52.1	57.7	60.9	65.0	67.4	70.9	73.2	78.1	79.7	84.6	86.9	4.7%
Cumulative Capacity Additions 9/	14.0	16.7	20.2	24.6	30.1	33.4	37.5	39.9	43.4	45.7	50.6	52.2	57.1	59.4	N/A

Table 9. Electricity Generating Capacity
(gigawatts)

1/ Net summer capacity 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 electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public.

3/ Includes plants that only produce electricity. Includes capacity increases (uprates) at existing units.

4/ Includes oil-, gas-, and dual-fired capacity.

5/ Nuclear capacity includes 2.7 gigawatts of uprates through 2030.

6/ Includes conventional hydroelectric, geothermal, wood, wood waste, municipal solid waste, landfill gas, other biomass, solar, and wind power. Facilities co-firing biomass and coal are classified as coal.

7/ Primarily peak-load capacity fueled by natural gas.

8/ Includes combined heat and power plants whose primary business is to sell electricity and heat to the public (i.e., those that report North American Industry Classification System code 22).

9/ Cumulative additions after December 31, 2005.

10/ Cumulative retirements after December 31, 2005.

11/ Includes combined heat and power plants and electricity-only plants in the commercial and industrial sectors; and small on-site generating systems in the residential, commercial, and industrial sectors used primarily for own-use generation, but which may also sell some power to the grid.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2004 and 2005 are model results and may differ slightly from official EIA data reports.

Sources: 2004 and 2005 capacity and projected planned additions: Energy Information Administration (EIA), Form EIA-860, "Annual Electric Generator Report" (preliminary).
Projections: EIA, AEO2007 National Energy Modeling System run hp2007.d112106a.

Table 10. Electricity Trade
(billion kilowatthours, unless otherwise noted)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Interregional Electricity Trade													
Gross Domestic Sales													
Firm Power	142.4	127.0	119.4	116.4	111.4	111.0	105.5	102.4	103.2	95.1	88.8	82.4	76.0
Economy	118.3	180.5	203.4	164.2	165.8	171.5	176.1	202.0	209.6	205.6	206.9	195.7	193.8
Total	260.7	307.5	322.9	280.6	277.2	282.5	281.5	304.3	312.8	300.7	295.7	278.1	269.8
Gross Domestic Sales (million 2005 dollars)													
Firm Power	7675.9	6845.3	6437.6	6273.3	6003.5	5984.9	5684.4	5519.0	5561.1	5127.5	4784.7	4441.8	4098.9
Economy	7058.7	11082.0	11434.1	9446.9	9497.8	9325.6	9187.7	10076.0	9972.8	9699.0	9693.1	9313.6	9391.2
Total	14734.6	17927.2	17871.7	15720.2	15501.3	15310.5	14872.1	15595.0	15533.9	14826.5	14477.8	13755.4	13490.1
International Electricity Trade													
Imports from Canada and Mexico													
Firm Power	12.5	13.1	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.3	2.1	1.9	1.7
Economy	21.7	31.4	43.0	34.6	30.2	24.8	30.6	27.6	30.3	33.6	31.8	24.9	27.5
Total	34.2	44.5	45.5	37.1	32.8	27.4	33.1	30.1	32.8	35.9	33.9	26.8	29.1
Exports to Canada and Mexico													
Firm Power	7.4	2.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.7	0.6
Economy	15.5	16.9	17.5	18.9	16.9	18.0	17.1	17.0	17.0	17.2	16.9	16.6	16.4
Total	22.9	19.8	18.5	19.9	17.9	19.0	18.1	18.0	18.0	18.0	17.7	17.2	16.9

Table 10. Electricity Trade
(billion kilowatthours, unless otherwise noted)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Interregional Electricity Trade															
Gross Domestic Sales															
Firm Power	69.7	63.3	57.0	50.6	44.2	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	-4.7%
Economy	200.8	189.1	188.8	185.4	193.5	182.0	183.2	176.5	177.9	176.1	176.5	173.8	168.9	165.6	-0.3%
Total	270.4	252.5	245.8	236.0	237.8	219.8	221.0	214.4	215.8	214.0	214.4	211.7	206.8	203.5	-1.6%
Gross Domestic Sales (million 2005 dollars)															
Firm Power	3756.1	3413.2	3070.3	2727.5	2384.6	2041.8	2041.8	2041.8	2041.8	2041.8	2041.8	2041.8	2041.8	2041.8	-4.7%
Economy	10012.4	9080.4	8569.2	8536.2	8963.8	8467.4	8540.9	8102.5	8202.4	8105.8	8175.6	8117.9	8113.7	8340.0	-1.1%
Total	13768.4	12493.6	11639.6	11263.7	11348.4	10509.2	10582.6	10144.3	10244.2	10147.5	10217.4	10159.7	10155.4	10381.8	-2.2%
International Electricity Trade															
Imports from Canada and Mexico															
Firm Power	1.4	1.2	1.0	0.8	0.6	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	-13.2%
Economy	32.2	28.2	30.4	26.2	27.4	28.3	28.9	29.3	27.6	27.6	32.0	36.5	40.1	38.2	0.8%
Total	33.7	29.4	31.4	27.0	28.0	28.7	29.2	29.6	28.0	28.0	32.4	36.9	40.5	38.6	-0.6%
Exports to Canada and Mexico															
Firm Power	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Economy	16.2	16.0	15.8	15.6	15.5	15.3	14.9	14.2	13.7	13.7	13.7	13.7	13.7	13.7	-0.8%
Total	16.7	16.4	16.1	15.8	15.6	15.3	14.9	14.2	13.7	13.7	13.7	13.7	13.7	13.7	-1.5%

Table 10. Electricity Trade
(billion kilowatthours, unless otherwise noted)

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2004 and 2005 are model results and may differ slightly from official EIA data reports. 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: 2004 and 2005 interregional firm electricity trade data: North American Electric Reliability Council (NERC), Electricity Sales and Demand Database 2004. Electric Reliability Council (NERC), Electricity Sales and Demand Database 2004. 2004 and 2005 Mexican electricity trade data: Energy Information Administration (EIA), Electric Power Annual 2005, DOE/EIA-0348(2005) (Washington, DC, October 2006). 2004 Canadian international electricity trade data: National Energy Board, Annual Report 2004. 2005 Canadian international electricity trade data: National Energy Board, Annual Report 2005. Projections: EIA, AEO2007 National Energy Modeling System run hp2007.d112106a.

Table 11. Liquid Fuels Supply and Disposition
(million barrels per day, unless otherwise noted)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Crude Oil													
Domestic Crude Production 1/	5.47	5.18	5.10	5.48	5.60	5.55	5.51	5.56	5.61	5.50	5.59	5.67	5.71
Alaska	0.91	0.86	0.71	0.75	0.76	0.73	0.69	0.63	0.59	0.54	0.55	0.58	0.60
Lower 48 States	4.56	4.31	4.39	4.73	4.84	4.82	4.82	4.92	5.03	4.96	5.04	5.09	5.11
Net Imports	10.06	10.09	10.06	9.96	9.76	9.84	10.01	10.05	10.07	10.26	10.21	10.18	10.24
Gross Imports	10.09	10.13	10.09	10.00	9.79	9.88	10.05	10.08	10.10	10.29	10.24	10.21	10.27
Exports	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.04	0.03	0.04	0.04	0.04
Other Crude Supply 2/	0.00	-0.06	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Crude Supply	15.52	15.22	15.08	15.44	15.36	15.39	15.52	15.60	15.68	15.76	15.80	15.84	15.95
Other Supply													
Natural Gas Plant Liquids	1.81	1.72	1.73	1.78	1.80	1.79	1.76	1.75	1.72	1.72	1.72	1.74	1.76
Net Product Imports	2.06	2.48	2.42	1.80	1.82	1.76	1.72	1.66	1.67	1.63	1.64	1.61	1.52
Gross Refined Product Imports 3/	2.07	2.45	2.42	1.79	1.83	1.75	1.76	1.69	1.70	1.65	1.64	1.61	1.56
Unfinished Oil Imports	0.49	0.58	0.61	0.39	0.37	0.38	0.36	0.37	0.38	0.39	0.39	0.40	0.41
Ethanol Imports	0.01	0.01	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.03	0.02	0.03	0.04
Blending Component Imports	0.49	0.54	0.63	0.81	0.79	0.81	0.80	0.80	0.79	0.79	0.81	0.80	0.75
Exports	0.96	1.07	1.27	1.22	1.21	1.21	1.22	1.22	1.22	1.22	1.23	1.23	1.23
Refinery Processing Gain 4/	1.05	0.99	1.07	1.10	1.13	1.17	1.16	1.20	1.22	1.22	1.23	1.24	1.23
Other Inputs	0.34	0.39	0.37	0.73	0.86	1.02	1.13	1.19	1.20	1.28	1.32	1.35	1.42
Ethanol	0.22	0.26	0.33	0.36	0.46	0.65	0.72	0.73	0.73	0.74	0.74	0.74	0.75
Liquids from Gas	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
Liquids from Coal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.05	0.07	0.10	0.14	0.18
Other 5/	0.12	0.13	0.04	0.37	0.40	0.37	0.41	0.43	0.41	0.47	0.47	0.47	0.49
Total Primary Supply 6/	20.79	20.79	20.66	20.85	20.98	21.12	21.28	21.41	21.50	21.61	21.70	21.79	21.89
Liquid Fuels Consumption													
by Fuel													
Liquefied Petroleum Gases	2.13	2.03	2.09	2.24	2.26	2.24	2.21	2.21	2.22	2.22	2.23	2.23	2.24
E85 7/	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
Motor Gasoline 8/	9.10	9.16	9.21	9.29	9.30	9.35	9.38	9.41	9.44	9.46	9.50	9.53	9.57
Jet Fuel 9/	1.63	1.68	1.64	1.70	1.77	1.84	1.94	1.98	2.01	2.03	2.06	2.08	2.10
Distillate Fuel Oil 10/	4.06	4.12	4.18	4.38	4.41	4.44	4.48	4.54	4.59	4.64	4.68	4.72	4.78
Residual Fuel Oil	0.87	0.92	0.73	0.75	0.77	0.77	0.78	0.78	0.79	0.76	0.75	0.73	0.73
Other 11/	2.97	2.84	2.81	2.60	2.60	2.57	2.58	2.58	2.55	2.57	2.57	2.57	2.58
by Sector													
Residential and Commercial	1.27	1.26	1.25	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.23	1.23	1.22
Industrial 12/	5.28	5.07	5.12	5.10	5.10	5.02	5.00	4.99	4.95	4.98	4.97	4.97	4.98
Transportation	13.80	13.87	14.04	14.26	14.38	14.56	14.74	14.87	14.99	15.10	15.20	15.31	15.43
Electric Power 13/	0.50	0.51	0.34	0.38	0.39	0.39	0.40	0.40	0.41	0.39	0.38	0.36	0.36
Total	20.76	20.75	20.68	20.97	21.10	21.21	21.37	21.50	21.59	21.70	21.79	21.87	22.00
Discrepancy 14/	0.03	0.04	-0.02	-0.12	-0.13	-0.09	-0.09	-0.09	-0.10	-0.09	-0.08	-0.08	-0.11
Domestic Refinery Distillation Capacity 15/	16.9	17.1	17.3	17.6	17.7	17.8	18.0	18.0	18.0	18.0	18.0	18.0	18.1
Capacity Utilization Rate (percent) 16/	93.0	91.0	89.0	89.0	88.1	87.6	87.5	87.9	88.4	88.8	89.0	89.1	89.5
Net Import Share of Product Supplied (percent)	58.3	60.5	60.4	56.4	55.2	54.9	55.1	54.7	54.6	55.0	54.6	54.1	53.7
Gross Inputs to Crude Oil Distillation Units	15.76	15.58	15.43	15.66	15.57	15.61	15.74	15.82	15.90	15.98	16.02	16.07	16.17
Net Expenditures for Imports of Crude Oil and Petroleum Products (billion 2005 dollars)	179.47	236.65	274.21	256.67	254.40	259.36	268.39	275.01	282.64	295.96	307.38	314.46	322.35

Table 11. Liquid Fuels Supply and Disposition
(million barrels per day, unless otherwise noted)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Crude Oil															
Domestic Crude Production 1/	5.80	5.86	6.01	5.98	5.89	5.86	5.92	5.95	5.97	5.94	5.93	5.90	5.99	6.04	0.6%
Alaska	0.60	0.66	0.71	0.71	0.68	0.65	0.61	0.58	0.55	0.52	0.50	0.47	0.44	0.42	-2.8%
Lower 48 States	5.20	5.20	5.30	5.28	5.21	5.21	5.30	5.37	5.42	5.42	5.43	5.42	5.54	5.62	1.1%
Net Imports	10.17	10.17	10.05	10.02	10.11	10.14	10.15	10.15	10.19	10.29	10.36	10.54	10.51	10.59	0.2%
Gross Imports	10.21	10.20	10.09	10.06	10.14	10.18	10.18	10.18	10.23	10.33	10.40	10.58	10.55	10.63	0.2%
Exports	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	0.7%
Other Crude Supply 2/	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	15.97	16.03	16.06	16.00	15.99	16.00	16.06	16.09	16.16	16.24	16.29	16.44	16.50	16.63	0.4%
Other Supply															
Natural Gas Plant Liquids	1.76	1.72	1.69	1.69	1.69	1.68	1.69	1.69	1.70	1.71	1.70	1.70	1.70	1.71	0.0%
Net Product Imports	1.55	1.56	1.57	1.53	1.48	1.53	1.47	1.52	1.51	1.54	1.50	1.49	1.47	1.45	-2.1%
Gross Refined Product Imports 3/	1.58	1.58	1.60	1.52	1.48	1.53	1.47	1.52	1.50	1.52	1.48	1.47	1.45	1.43	-2.1%
Unfinished Oil Imports	0.41	0.42	0.42	0.42	0.42	0.42	0.41	0.41	0.42	0.43	0.42	0.43	0.42	0.43	-1.2%
Ethanol Imports	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	8.4%
Blending Component Imports	0.75	0.76	0.75	0.79	0.79	0.79	0.79	0.79	0.80	0.81	0.81	0.81	0.81	0.81	1.7%
Exports	1.23	1.24	1.24	1.25	1.25	1.25	1.25	1.26	1.26	1.26	1.27	1.27	1.27	1.28	0.7%
Refinery Processing Gain 4/	1.24	1.24	1.27	1.28	1.29	1.29	1.31	1.31	1.31	1.33	1.34	1.37	1.38	1.37	1.3%
Other Inputs	1.50	1.61	1.71	1.98	2.10	2.32	2.43	2.57	2.71	2.75	2.99	3.04	3.23	3.30	8.9%
Ethanol	0.76	0.76	0.77	0.78	0.79	0.80	0.82	0.83	0.85	0.87	0.89	0.92	0.95	0.96	5.5%
Liquids from Gas	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	N/A
Liquids from Coal	0.25	0.33	0.45	0.60	0.79	0.90	1.02	1.09	1.20	1.25	1.43	1.45	1.61	1.65	N/A
Other 5/	0.49	0.52	0.50	0.50	0.42	0.53	0.50	0.55	0.56	0.53	0.57	0.57	0.57	0.59	6.1%
Total Primary Supply 6/	22.02	22.15	22.31	22.48	22.55	22.82	22.96	23.19	23.39	23.57	23.83	24.05	24.28	24.46	0.7%
Liquid Fuels Consumption															
by Fuel															
Liquefied Petroleum Gases	2.24	2.25	2.27	2.29	2.30	2.31	2.32	2.34	2.35	2.37	2.39	2.41	2.43	2.45	0.8%
E85 7/	0.01	0.02	0.02	0.03	0.04	0.05	0.06	0.07	0.09	0.11	0.13	0.16	0.19	0.21	23.7%
Motor Gasoline 8/	9.63	9.68	9.73	9.79	9.85	9.91	9.99	10.06	10.14	10.22	10.29	10.36	10.43	10.47	0.5%
Jet Fuel 9/	2.12	2.14	2.16	2.16	2.16	2.15	2.14	2.13	2.12	2.11	2.09	2.08	2.07	2.06	0.8%
Distillate Fuel Oil 10/	4.81	4.85	4.91	4.98	5.04	5.11	5.18	5.26	5.35	5.45	5.55	5.64	5.75	5.85	1.4%
Residual Fuel Oil	0.73	0.73	0.73	0.73	0.74	0.74	0.74	0.75	0.75	0.75	0.75	0.76	0.76	0.76	-0.8%
Other 11/	2.58	2.60	2.59	2.61	2.56	2.65	2.64	2.68	2.71	2.70	2.75	2.76	2.77	2.80	-0.1%
by Sector															
Residential and Commercial	1.22	1.21	1.21	1.21	1.21	1.21	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.19	-0.2%
Industrial 12/	4.99	5.00	5.01	5.04	5.00	5.10	5.10	5.15	5.19	5.20	5.26	5.29	5.32	5.37	0.2%
Transportation	15.56	15.68	15.83	15.97	16.10	16.24	16.40	16.56	16.74	16.92	17.10	17.29	17.49	17.64	1.0%
Electric Power 13/	0.36	0.36	0.36	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.39	0.39	0.39	-1.1%
Total	22.13	22.26	22.41	22.59	22.68	22.92	23.07	23.29	23.51	23.69	23.95	24.17	24.40	24.60	0.7%
Discrepancy 14/	-0.11	-0.10	-0.10	-0.11	-0.13	-0.10	-0.11	-0.11	-0.11	-0.13	-0.12	-0.12	-0.12	-0.13	N/A
Domestic Refinery Distillation Capacity 15/	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.2	18.3	18.4	18.4	18.5	0.3%
Capacity Utilization Rate (percent) 16/	89.5	89.8	89.9	89.6	89.5	89.6	89.9	90.1	90.4	90.6	90.4	90.9	90.8	91.1	0.0%
Net Import Share of Product Supplied (percent)	53.2	52.9	52.1	51.4	51.4	51.1	50.6	50.3	50.0	50.2	49.8	50.1	49.3	49.2	-0.8%
Gross Inputs to Crude Oil Distillation Units	16.20	16.25	16.28	16.23	16.22	16.23	16.29	16.32	16.39	16.47	16.52	16.67	16.73	16.86	0.3%
Net Expenditures for Imports of Crude Oil and Petroleum Products (billion 2005 dollars)	327.28	333.76	337.19	344.40	350.62	357.39	359.90	365.18	369.91	378.25	384.51	394.68	397.38	404.77	2.2%

Table 11. Liquid Fuels Supply and Disposition
(million barrels per day, unless otherwise noted)

- 1/ Includes lease condensate.
 - 2/ Strategic petroleum reserve stock additions plus unaccounted for crude oil and crude stock withdrawals minus crude product supplied.
 - 3/ Includes other hydrocarbons and alcohols.
 - 4/ Represents volumetric gain in refinery distillation and cracking processes.
 - 5/ Includes petroleum product stock withdrawals; and domestic sources of other blending components, other hydrocarbons, ethers, and renewable fuels such as biodiesel.
 - 6/ Total crude supply plus natural gas plant liquids, other inputs, refinery processing gain, and net product imports.
 - 7/ E85 refers to a blend of 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable). To address cold starting issues, the percentage of ethanol actually varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.
 - 8/ Includes ethanol and ethers blended into gasoline.
 - 9/ Includes only kerosene type.
 - 10/ Includes distillate fuel oil and kerosene from petroleum and biomass feedstocks.
 - 11/ Includes aviation gasoline, petrochemical feedstocks, lubricants, waxes, asphalt, road oil, still gas, special naphthas, petroleum coke, crude oil product supplied, tire-derived fuel, methanol, liquid hydrogen, and miscellaneous petroleum products.
 - 12/ Includes consumption for combined heat and power, which produces electricity and other useful thermal energy.
 - 13/ Includes consumption of energy by electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public. Includes small power producers and exempt wholesale generators.
 - 14/ Balancing item. Includes unaccounted for supply, losses and gains.
 - 15/ End-of-year operable capacity.
 - 16/ Rate is calculated by dividing the gross annual input to atmospheric crude oil distillation units by their operable refining capacity in barrels per calendar day.
- N/A = Not applicable.
- Note: Totals may not equal sum of components due to independent rounding. Data for 2004 and 2005 are model results and may differ slightly from official EIA data reports.
- Sources: 2004 and 2005 product supplied based on: Energy Information Administration (EIA), Annual Energy Review 2005, DOE/EIA-0384(2005) (Washington, DC, July 2006).
- Other 2004 data: EIA, Petroleum Supply Annual 2004, DOE/EIA-0340(2004)/1 (Washington, DC, June 2005). Other 2005 data: EIA, Petroleum Supply Annual 2005, DOE/EIA-0340(2005)/1 (Washington, DC, October 2006). Projections: EIA, AEO2007 National Energy Modeling System run hp2007.d112106a.

Table 12. Petroleum Product Prices
(2005 cents per gallon, unless otherwise noted)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Crude Oil Prices (2005 dollars per barrel)													
Imported Low-Sulfur Light Crude Oil 1/	42.87	56.76	69.11	66.71	66.91	67.70	69.21	71.08	72.65	74.68	77.19	79.57	81.91
Imported Crude Oil 1/	37.09	49.19	61.75	59.49	59.73	60.71	62.53	64.36	66.19	68.62	71.67	73.85	76.00
Delivered Sector Product Prices													
Residential													
Liquefied Petroleum Gases	156.9	166.3	182.3	212.3	214.1	211.4	209.4	208.1	205.1	204.2	204.7	204.9	206.3
Distillate Fuel Oil	178.8	204.3	234.5	244.1	237.7	232.0	229.9	227.8	225.5	226.7	234.8	241.0	247.7
Commercial													
Distillate Fuel Oil	145.0	175.4	202.3	212.3	204.7	200.3	201.2	200.9	199.0	201.4	207.4	213.3	220.0
Residual Fuel Oil	93.5	126.0	151.2	113.3	122.1	119.2	109.5	111.3	119.8	128.1	145.0	152.1	157.4
Residual Fuel Oil (2005 dollars per barrel)	39.29	52.90	63.50	47.60	51.29	50.08	45.99	46.73	50.31	53.79	60.92	63.90	66.12
Industrial 2/													
Liquefied Petroleum Gases	96.3	146.2	163.4	151.5	152.7	149.2	147.3	145.4	141.7	141.3	141.8	142.0	143.3
Distillate Fuel Oil	152.2	181.1	209.6	214.1	203.9	201.5	205.4	209.0	207.6	211.8	215.6	221.4	227.7
Residual Fuel Oil	86.4	116.3	139.8	145.1	161.9	161.5	160.8	150.3	160.3	168.5	189.1	189.1	196.9
Residual Fuel Oil (2005 dollars per barrel)	36.30	48.86	58.73	60.96	67.99	67.85	67.52	63.11	67.31	70.76	75.90	79.41	82.69
Transportation													
Liquefied Petroleum Gases	169.5	206.1	231.0	196.7	198.6	196.1	214.4	213.1	210.0	208.6	208.8	208.8	209.9
Ethanol (E85) 3/	196.5	217.1	233.1	256.8	254.7	250.5	208.8	204.5	204.3	207.0	206.2	207.9	213.4
Ethanol Wholesale Price	177.2	180.4	248.0	243.9	212.9	230.2	184.0	177.5	174.1	171.8	169.7	170.4	174.1
Motor Gasoline 4/	195.2	231.6	262.7	255.8	257.7	253.5	250.1	250.4	253.5	257.6	260.5	268.8	272.2
Jet Fuel 5/	124.4	177.4	201.9	174.5	166.7	168.7	173.3	175.2	178.4	184.6	190.1	194.6	201.5
Diesel Fuel (distillate fuel oil) 6/	187.1	241.3	272.0	268.7	257.3	253.6	257.2	257.2	255.9	260.5	263.7	269.0	275.7
Residual Fuel Oil	72.7	82.4	107.2	138.3	142.8	143.9	147.2	151.7	158.0	160.9	166.4	170.4	174.0
Residual Fuel Oil (2005 dollars per barrel)	30.51	34.62	45.03	58.07	59.96	60.43	61.81	63.72	66.37	67.57	69.88	71.56	73.06
Electric Power 7/													
Distillate Fuel Oil	132.0	157.9	183.6	200.0	195.8	190.8	188.5	184.3	181.1	180.6	188.0	194.2	199.9
Residual Fuel Oil	74.7	104.2	117.4	109.5	114.3	114.3	113.7	116.9	123.8	130.2	138.0	144.8	148.9
Residual Fuel Oil (2005 dollars per barrel)	31.38	43.76	49.33	46.00	47.99	48.00	47.75	49.11	52.00	54.70	57.96	60.81	62.55
Refined Petroleum Product Prices 8/													
Liquefied Petroleum Gases	109.3	150.7	167.7	164.3	165.7	162.5	161.0	159.5	156.1	155.8	156.4	156.7	158.3
Motor Gasoline 4/	195.0	231.1	262.1	255.8	257.7	253.5	250.1	250.4	253.5	257.6	260.5	268.8	272.1
Jet Fuel 5/	124.4	177.4	201.9	174.5	166.7	168.7	173.3	175.2	178.4	184.6	190.1	194.6	201.5
Distillate Fuel Oil	178.3	223.9	254.0	253.3	243.5	240.0	242.5	242.1	241.6	247.0	250.9	256.6	263.3
Residual Fuel Oil	76.3	98.6	118.5	126.3	132.4	132.8	133.3	135.7	142.3	148.0	156.0	162.0	166.4
Residual Fuel Oil (2005 dollars per barrel)	32.05	41.42	49.78	53.03	55.59	55.76	55.97	57.01	59.79	62.16	65.52	68.05	69.89
Average	168.6	204.5	232.6	227.6	224.9	222.2	221.3	221.7	223.3	227.7	231.1	237.2	241.7

Table 12. Petroleum Product Prices
(2005 cents per gallon, unless otherwise noted)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Crude Oil Prices (2005 dollars per barrel)															
Imported Low-Sulfur Light Crude Oil 1/	83.71	85.45	87.32	89.12	90.26	90.98	92.12	93.25	94.40	95.55	96.69	97.84	98.98	100.14	2.3%
Imported Crude Oil 1/	77.65	79.30	80.96	82.60	83.64	84.67	85.70	86.73	87.77	88.80	89.83	90.86	91.89	92.93	2.6%
Delivered Sector Product Prices															
Residential															
Liquefied Petroleum Gases	208.1	206.3	204.1	206.2	207.6	208.8	211.2	211.2	212.5	214.7	216.0	217.6	219.0	221.0	1.1%
Distillate Fuel Oil	250.9	256.0	256.1	262.8	261.8	263.5	264.0	266.7	265.5	267.9	269.4	271.6	273.1	275.1	1.2%
Commercial															
Distillate Fuel Oil	223.2	228.2	227.7	232.3	232.9	233.8	234.3	237.3	238.3	239.7	241.3	244.8	245.7	248.9	1.4%
Residual Fuel Oil	161.0	163.5	164.9	169.8	171.9	172.8	174.6	175.9	177.2	178.2	179.7	181.6	178.9	180.7	1.5%
Residual Fuel Oil (2005 dollars per barrel)	67.63	68.68	69.25	71.33	72.21	72.59	73.35	73.88	74.43	74.85	75.46	76.28	75.14	75.89	1.5%
Industrial 2/															
Liquefied Petroleum Gases	145.1	143.8	141.5	143.6	145.4	146.2	148.2	148.4	149.4	151.3	152.6	154.1	155.4	157.3	0.3%
Distillate Fuel Oil	230.8	235.8	235.0	237.5	239.5	240.6	240.2	243.6	246.3	247.0	248.7	253.3	253.5	257.9	1.4%
Residual Fuel Oil	201.4	204.5	207.6	211.9	212.8	214.4	217.4	220.2	223.0	224.9	226.1	229.0	228.3	230.0	2.8%
Residual Fuel Oil (2005 dollars per barrel)	84.59	85.88	87.19	88.98	89.38	90.06	91.31	92.48	93.65	94.46	94.96	96.18	95.90	96.58	2.8%
Transportation															
Liquefied Petroleum Gases	211.5	209.2	206.7	208.6	209.7	210.9	213.4	213.2	214.5	216.8	218.0	219.4	220.8	222.8	0.3%
Ethanol (E85) 3/	213.1	213.1	214.0	217.3	219.6	221.6	223.0	223.5	226.5	229.0	230.5	233.7	236.8	237.9	0.4%
Ethanol Wholesale Price	172.8	171.6	170.7	174.0	175.1	175.5	176.7	176.7	177.9	179.7	180.6	182.1	183.3	183.5	0.1%
Motor Gasoline 4/	274.8	279.6	284.5	286.1	290.6	294.0	294.9	297.5	302.1	305.2	309.0	313.1	316.0	320.1	1.3%
Jet Fuel 5/	203.3	209.0	210.6	214.1	216.2	219.0	218.6	220.9	224.0	224.5	227.2	230.7	232.3	235.5	1.1%
Diesel Fuel (distillate fuel oil) 6/	278.5	283.1	282.0	283.9	286.3	287.0	287.4	290.9	293.8	294.6	296.0	301.1	301.2	304.2	0.9%
Residual Fuel Oil	181.1	186.1	188.5	192.4	193.5	195.4	199.2	202.2	205.6	208.2	209.2	213.8	213.7	215.2	3.9%
Residual Fuel Oil (2005 dollars per barrel)	76.05	78.18	79.17	80.79	81.28	82.07	83.67	84.93	86.37	87.43	87.86	89.78	89.76	90.40	3.9%
Electric Power 7/															
Distillate Fuel Oil	203.6	208.4	209.0	212.7	210.5	212.5	211.3	212.9	211.9	212.9	213.9	215.8	216.2	221.1	1.4%
Residual Fuel Oil	156.1	162.4	164.0	168.3	169.8	170.6	173.4	175.9	178.4	180.4	181.5	187.1	186.4	188.1	2.4%
Residual Fuel Oil (2005 dollars per barrel)	65.55	68.22	68.88	70.69	71.30	71.65	72.84	73.86	74.92	75.75	76.24	78.57	78.29	79.02	2.4%
Refined Petroleum Product Prices 8/															
Liquefied Petroleum Gases	160.1	158.9	156.9	158.9	160.7	161.7	163.8	164.1	165.2	167.2	168.5	170.1	171.4	173.5	0.6%
Motor Gasoline 4/	274.8	279.6	284.4	286.0	290.6	293.9	294.8	297.4	302.1	305.1	308.9	313.0	316.0	320.1	1.3%
Jet Fuel 5/	203.3	209.0	210.6	214.1	216.2	219.0	218.6	220.9	224.0	224.5	227.2	230.7	232.3	235.5	1.1%
Distillate Fuel Oil	266.2	271.1	270.6	273.0	275.2	276.2	276.5	279.9	282.7	283.5	285.4	290.3	290.6	294.4	1.1%
Residual Fuel Oil	173.0	178.1	180.2	184.3	185.6	186.9	190.2	192.8	195.8	198.0	199.1	203.6	203.1	204.8	3.0%
Residual Fuel Oil (2005 dollars per barrel)	72.66	74.80	75.66	77.40	77.96	78.51	79.89	81.00	82.22	83.14	83.61	85.53	85.32	86.01	3.0%
Average	244.4	248.5	251.0	253.3	256.7	259.3	260.3	263.2	266.1	268.4	271.9	275.9	277.8	281.4	1.3%

Table 12. Petroleum Product Prices
(2005 cents per gallon, unless otherwise noted)

1/ Weighted average price delivered to U.S. refiners.

2/ Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.

3/ E85 refers to a blend of 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable). To address cold starting issues, the percentage of ethanol actually varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

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

5/ Includes only kerosene type.

6/ Diesel fuel for on-road use. Includes Federal and State taxes while excluding county and local taxes.

7/ Includes electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public. Includes small power producers and exempt wholesale generators.

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

Note: Data for 2004 and 2005 are model results and may differ slightly from official EIA data reports.

Sources: 2004 and 2005 imported low sulfur light crude oil price: Energy Information Administration (EIA), Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

2004 and 2005 imported crude oil price: EIA, Annual Energy Review 2005, DOE/EIA-0384(2005) (Washington, DC, July 2006). 2004 and 2005 prices for motor gasoline, distillate fuel oil, and jet fuel are based on: EIA, Petroleum Marketing Annual 2005, DOE/EIA-0487(2005) (Washington, DC, August 2006). 2004 and 2005 residential, commercial, industrial, and transportation sector petroleum product prices are derived from: EIA, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report." 2004 and 2005 electric power prices based on: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." 2004 and 2005 ethanol prices "Monthly Report of Cost and Quality of Fuels for Electric Plants." 2004 and 2005 ethanol prices derived from weekly spot prices in the Oxy Fuel News. 2004 and 2005 wholesale ethanol prices derived from Bloomberg U.S. average rack price. Projections: EIA, AEO2007 National Energy Modeling System run hp2007.d112106a.

Table 13. Natural Gas Supply, Disposition, and Prices
(trillion cubic feet, unless otherwise noted)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Production													
Dry Gas Production 1/	18.76	18.23	18.59	19.06	19.27	19.11	18.82	18.85	18.55	18.50	18.57	18.77	18.94
Supplemental Natural Gas 2/	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Net Imports													
Pipeline 3/	2.81	3.01	2.73	2.61	2.70	2.78	2.64	2.48	2.45	2.63	2.54	2.52	2.46
Liquefied Natural Gas	0.59	0.57	0.55	0.76	1.11	1.38	1.56	1.76	2.28	2.31	2.30	2.29	2.30
Total Supply	22.22	21.87	21.93	22.50	23.15	23.34	23.09	23.16	23.36	23.51	23.48	23.66	23.77
Consumption by Sector													
Residential	4.87	4.84	4.48	4.87	4.94	4.96	4.99	5.02	5.06	5.08	5.10	5.11	5.14
Commercial	3.13	3.05	2.92	3.02	3.09	3.13	3.17	3.22	3.28	3.34	3.38	3.42	3.46
Industrial 4/	7.22	6.64	6.76	7.03	7.11	7.25	7.30	7.36	7.47	7.41	7.42	7.44	7.49
Natural Gas-to-Liquids Heat and Power 5/	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
Natural Gas to Liquids Production 6/	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
Electric Power 7/	5.48	5.78	5.88	5.90	6.32	6.32	5.96	5.89	5.88	6.02	5.91	5.99	5.97
Transportation 8/	0.03	0.03	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08
Pipeline Fuel	0.57	0.56	0.55	0.61	0.62	0.63	0.62	0.63	0.63	0.63	0.64	0.64	0.65
Lease and Plant Fuel 9/	1.10	1.07	1.09	1.06	1.07	1.06	1.04	1.04	1.02	1.01	1.02	1.03	1.04
Total	22.39	21.98	21.72	22.55	23.20	23.39	23.14	23.22	23.41	23.56	23.54	23.71	23.82
Discrepancy 10/	-0.17	-0.11	0.21	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05
Natural Gas Prices (2005 dollars per million Btu)													
Henry Hub Spot Price	6.08	8.60	7.07	7.31	7.52	7.17	6.91	6.74	6.35	6.28	6.33	6.36	6.52
Average Lower 48 Wellhead Price 11/	5.63	7.29	6.47	6.53	6.72	6.40	6.16	6.01	5.65	5.59	5.63	5.66	5.81
(2005 dollars per thousand cubic feet)													
Average Lower 48 Wellhead Price 11/	5.80	7.51	6.67	6.73	6.92	6.59	6.35	6.19	5.82	5.76	5.80	5.83	5.98
Delivered Prices													
Residential	11.05	12.80	13.43	12.29	12.45	12.17	11.94	11.81	11.48	11.38	11.44	11.48	11.63
Commercial	9.69	11.54	11.72	10.67	10.81	10.49	10.24	10.08	9.72	9.59	9.62	9.64	9.78
Industrial 4/	6.67	8.41	7.68	7.68	7.85	7.50	7.24	7.09	6.72	6.62	6.67	6.70	6.85
Electric Power 7/	6.27	8.42	7.17	7.40	7.60	7.25	6.95	6.78	6.42	6.33	6.37	6.40	6.56
Transportation 12/	12.28	15.20	12.35	12.71	13.00	13.52	15.35	15.22	15.01	14.97	15.03	15.18	15.33
Average 13/	8.06	9.94	9.41	9.12	9.27	8.94	8.72	8.57	8.22	8.12	8.19	8.21	8.37

Table 13. Natural Gas Supply, Disposition, and Prices
(trillion cubic feet, unless otherwise noted)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Production															
Dry Gas Production 1/	18.95	19.27	19.79	20.40	20.51	20.40	20.59	20.58	20.73	20.83	20.76	20.77	20.77	20.90	0.5%
Supplemental Natural Gas 2/	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.1%
Net Imports															
Pipeline 3/	2.23	1.97	1.68	1.41	1.36	1.22	1.13	1.14	1.03	0.95	0.88	0.87	0.82	0.84	-5.0%
Liquefied Natural Gas	2.30	2.28	2.25	2.27	2.28	2.28	2.29	2.29	2.29	2.31	2.31	2.32	2.32	2.33	5.8%
Total Supply	23.55	23.59	23.79	24.16	24.22	23.97	24.08	24.08	24.13	24.15	24.02	24.02	23.99	24.15	0.4%
Consumption by Sector															
Residential	5.13	5.15	5.18	5.21	5.21	5.21	5.21	5.22	5.21	5.21	5.21	5.22	5.20	5.20	0.3%
Commercial	3.48	3.53	3.59	3.64	3.67	3.71	3.74	3.78	3.82	3.86	3.90	3.94	3.97	4.01	1.1%
Industrial 4/	7.48	7.49	7.63	7.70	7.91	7.74	7.89	7.87	7.94	8.07	8.03	8.09	8.15	8.18	0.8%
Natural Gas-to-Liquids Heat and Power 5/	0.00	0.00	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	N/A
Natural Gas to Liquids Production 6/	0.00	0.00	0.00	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	N/A
Electric Power 7/	5.74	5.65	5.51	5.32	5.13	5.02	4.95	4.90	4.82	4.68	4.54	4.42	4.29	4.37	-1.1%
Transportation 8/	0.08	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	5.7%
Pipeline Fuel	0.64	0.67	0.71	0.72	0.73	0.72	0.73	0.72	0.73	0.73	0.72	0.72	0.72	0.73	1.0%
Lease and Plant Fuel 9/	1.04	1.07	1.12	1.16	1.16	1.15	1.16	1.15	1.16	1.16	1.15	1.15	1.14	1.15	0.3%
Total	23.60	23.65	23.83	24.18	24.25	24.00	24.11	24.09	24.13	24.15	24.01	24.00	23.95	24.09	0.4%
Discrepancy 10/	-0.05	-0.05	-0.04	-0.03	-0.03	-0.03	-0.03	-0.01	0.00	0.00	0.01	0.03	0.04	0.06	N/A
Natural Gas Prices															
(2005 dollars per million Btu)															
Henry Hub Spot Price	6.72	6.50	6.21	6.46	6.71	6.82	7.10	7.16	7.29	7.54	7.69	7.88	8.04	8.27	-0.2%
Average Lower 48 Wellhead Price 11/	5.99	5.79	5.52	5.75	5.98	6.08	6.33	6.39	6.51	6.73	6.87	7.05	7.20	7.41	0.1%
(2005 dollars per thousand cubic feet)															
Average Lower 48 Wellhead Price 11/	6.17	5.97	5.69	5.92	6.16	6.27	6.52	6.58	6.70	6.94	7.08	7.26	7.41	7.63	0.1%
Delivered Prices															
Residential	11.86	11.65	11.40	11.63	11.81	11.96	12.27	12.27	12.43	12.71	12.88	13.09	13.27	13.52	0.2%
Commercial	9.97	9.75	9.48	9.69	9.84	9.96	10.23	10.22	10.34	10.58	10.72	10.90	11.05	11.32	-0.1%
Industrial 4/	7.04	6.84	6.58	6.81	6.97	7.11	7.38	7.38	7.51	7.74	7.89	8.08	8.23	8.46	0.0%
Electric Power 7/	6.73	6.54	6.28	6.51	6.70	6.79	7.04	7.06	7.18	7.39	7.51	7.65	7.77	8.02	-0.2%
Transportation 12/	15.49	15.40	15.28	15.43	15.60	15.74	15.92	15.94	16.11	16.31	16.46	16.65	16.79	17.04	0.5%
Average 13/	8.59	8.40	8.15	8.40	8.57	8.73	8.99	9.01	9.15	9.39	9.56	9.75	9.91	10.15	0.1%

Table 13. Natural Gas Supply, Disposition, and Prices
(trillion cubic feet, unless otherwise noted)

- 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 any natural gas regasified in the Bahamas and transported via pipeline to Florida.
 - 4/ Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.
 - 5/ Includes any natural gas used in the process of converting natural gas to liquid fuel that is not actually converted..
 - 6/ Includes any natural gas that is converted into liquid fuel.
 - 7/ Includes consumption of energy by electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public. Includes small power producers and exempt wholesale generators.
 - 8/ Compressed natural gas used as vehicle fuel.
 - 9/ Represents natural gas used in well, field, and lease operations, and in natural gas processing plant machinery.
 - 10/ 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, 2004 and 2005 values include net storage injections.
 - 11/ Represents lower 48 onshore and offshore supplies.
 - 12/ Compressed natural gas used as a vehicle fuel. Includes estimated motor vehicle fuel taxes and estimated dispensing costs or charges.
 - 13/ Weighted average prices. Weights used are the sectoral consumption values excluding lease, plant, and pipeline fuel.
- N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2004 and 2005 are model results and may differ slightly from official EIA data reports.
Sources: 2004 supply values; and lease, plant, and pipeline fuel consumption: Energy Information Administration (EIA), Natural Gas Annual 2004, DOE/EIA-0131(2004) (Washington, DC, December 2005). 2005 supply values; and lease, plant, and pipeline fuel consumption; and wellhead price: EIA, Natural Gas Monthly, DOE/EIA-0130(2006/04) (Washington, DC, April 2006). Other 2004 and 2005 consumption based on: EIA, Annual Energy Review 2005, DOE/EIA-0384(2005) (Washington, DC, July 2006). 2004 wellhead price: Minerals Management Service and EIA, Natural Gas Annual 2004, DOE/EIA-0131(2004) (Washington, DC, December 2005). 2004 residential and commercial delivered prices: EIA, Natural Gas Annual 2004, DOE/EIA-0131(2004) (Washington, DC, December 2005). 2005 residential and commercial delivered prices: EIA, Natural Gas Monthly, DOE/EIA-0130 (2006/04) (Washington, DC, April 2006). 2004 and 2005 electric power prices: EIA, Electric Power Monthly, DOE/EIA-0226, May 2005 through April 2006, Table 4.11.A. 2004 and 2005 industrial delivered prices are estimated based on: EIA, Manufacturing Energy Consumption Survey 1994 and industrial and wellhead prices from the Natural Gas Annual 2004, DOE/EIA-0131(2004) (Washington, DC, December 2005) and the Natural Gas Monthly, DOE/EIA-0130(2006/04) (Washington, DC, April 2006). 2004 transportation sector delivered prices are based on: EIA, Natural Gas Annual 2004, DOE/EIA-0131(2004) (Washington, DC, December 2005) and estimated state taxes, federal taxes, and dispensing costs or charges. 2005 transportation sector delivered prices are model results. Projections: EIA, AEO2007 National Energy Modeling System run hp2007.d112106a.

Table 14. Oil and Gas Supply

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Crude Oil													
Lower 48 Average Wellhead Price 1/ (2005 dollars per barrel)	38.69	50.76	65.79	59.59	58.11	58.74	60.22	61.47	62.90	65.00	67.30	69.21	71.30
Production (million barrels per day) 2/													
United States Total	5.45	5.18	5.10	5.48	5.60	5.55	5.51	5.56	5.61	5.50	5.59	5.67	5.71
Lower 48 Onshore	2.94	2.89	2.90	2.87	2.90	2.81	2.80	2.79	2.79	2.80	2.81	2.83	2.85
Lower 48 Offshore	1.61	1.42	1.49	1.86	1.94	2.01	2.02	2.13	2.23	2.16	2.23	2.26	2.26
Alaska	0.91	0.86	0.71	0.75	0.76	0.73	0.69	0.63	0.59	0.54	0.55	0.58	0.60
Lower 48 End of Year Reserves 2/ (billion barrels)	18.27	16.98	17.34	17.45	18.83	18.98	19.03	19.36	19.70	19.50	19.78	19.94	20.02
Natural Gas													
Prices (2005 dollars per million Btu)													
Henry Hub Spot Price	6.08	8.60	7.07	7.31	7.52	7.17	6.91	6.74	6.35	6.28	6.33	6.36	6.52
Lower 48 Average Wellhead Price 1/	5.63	7.29	6.47	6.53	6.72	6.40	6.16	6.01	5.65	5.59	5.63	5.66	5.81
Prices (2005 dollars per thousand cubic feet)													
Lower 48 Average Wellhead Price 1/	5.80	7.51	6.67	6.73	6.92	6.59	6.35	6.19	5.82	5.76	5.80	5.83	5.98
Dry Production (trillion cubic feet) 3/													
United States Total	18.76	18.23	18.59	19.06	19.27	19.11	18.82	18.85	18.55	18.50	18.57	18.77	18.94
Lower 48 Onshore	14.10	14.36	14.78	15.05	15.22	14.90	14.69	14.55	14.21	14.11	14.02	14.01	14.09
Associated-Dissolved 4/	1.40	1.43	1.43	1.42	1.41	1.38	1.36	1.35	1.34	1.33	1.32	1.31	1.30
Non-Associated	12.69	12.93	13.35	13.63	13.82	13.52	13.33	13.20	12.87	12.79	12.70	12.70	12.78
Conventional	5.19	4.94	5.21	5.41	5.44	5.23	5.12	4.97	4.74	4.65	4.54	4.47	4.42
Unconventional	7.50	7.99	8.15	8.22	8.38	8.29	8.21	8.23	8.13	8.14	8.16	8.23	8.36
Lower 48 Offshore	4.23	3.41	3.45	3.65	3.71	3.94	3.88	4.06	4.10	4.15	4.32	4.52	4.61
Associated-Dissolved 4/	0.88	0.71	0.80	0.74	0.73	0.92	0.91	1.02	1.07	1.09	1.06	1.10	1.14
Non-Associated	3.35	2.69	2.65	2.90	2.98	3.02	2.96	3.04	3.03	3.06	3.26	3.42	3.47
Alaska	0.44	0.45	0.36	0.36	0.33	0.27	0.25	0.24	0.24	0.24	0.24	0.24	0.24
Lower 48 End of Year Dry Reserves (tcf) 3/	184.11	189.91	191.61	194.09	194.98	196.87	196.92	198.55	199.46	198.96	200.57	201.38	201.50
Supplemental Gas Supplies (tcf) 5/	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Total Lower 48 Wells Drilled (thousands)	32.67	41.66	42.34	41.81	36.22	36.15	34.96	33.53	32.36	30.72	30.97	32.00	33.86

Table 14. Oil and Gas Supply

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Crude Oil															
Lower 48 Average Wellhead Price 1/ (2005 dollars per barrel)	72.94	74.65	76.31	77.95	78.91	79.63	80.75	81.81	83.08	84.29	85.32	86.45	87.50	88.50	2.2%
Production (million barrels per day) 2/															
United States Total	5.80	5.86	6.01	5.98	5.89	5.86	5.92	5.95	5.97	5.94	5.93	5.90	5.99	6.04	0.6%
Lower 48 Onshore	2.88	2.91	2.97	3.02	3.03	3.05	3.05	3.10	3.15	3.16	3.21	3.25	3.28	3.34	0.6%
Lower 48 Offshore	2.32	2.29	2.33	2.26	2.17	2.16	2.25	2.26	2.27	2.27	2.22	2.18	2.27	2.27	1.9%
Alaska	0.60	0.66	0.71	0.71	0.68	0.65	0.61	0.58	0.55	0.52	0.50	0.47	0.44	0.42	-2.8%
Lower 48 End of Year Reserves 2/ (billion barrels)	20.27	20.26	20.42	20.23	19.97	19.94	20.15	20.16	20.05	19.38	19.02	18.54	18.22	17.45	0.1%
Natural Gas															
Prices (2005 dollars per million Btu)															
Henry Hub Spot Price	6.72	6.50	6.21	6.46	6.71	6.82	7.10	7.16	7.29	7.54	7.69	7.88	8.04	8.27	-0.2%
Lower 48 Average Wellhead Price 1/	5.99	5.79	5.52	5.75	5.98	6.08	6.33	6.39	6.51	6.73	6.87	7.05	7.20	7.41	0.1%
Prices (2005 dollars per thousand cubic feet)															
Lower 48 Average Wellhead Price 1/	6.17	5.97	5.69	5.92	6.16	6.27	6.52	6.58	6.70	6.94	7.08	7.26	7.41	7.63	0.1%
Dry Production (trillion cubic feet) 3/															
United States Total	18.95	19.27	19.78	20.37	20.48	20.37	20.56	20.54	20.67	20.77	20.69	20.68	20.67	20.77	0.5%
Lower 48 Onshore	14.18	13.83	13.57	13.73	13.85	13.90	14.06	14.07	14.19	14.32	14.40	14.55	14.66	14.86	0.1%
Associated-Dissolved 4/	1.30	1.29	1.30	1.31	1.30	1.29	1.28	1.29	1.30	1.29	1.29	1.30	1.30	1.32	-0.3%
Non-Associated	12.88	12.54	12.27	12.43	12.55	12.60	12.77	12.78	12.89	13.03	13.10	13.25	13.35	13.54	0.2%
Conventional	4.38	4.20	4.03	3.99	3.97	3.90	3.88	3.81	3.77	3.74	3.69	3.67	3.64	3.63	-1.2%
Unconventional	8.50	8.34	8.24	8.43	8.58	8.71	8.90	8.97	9.12	9.30	9.41	9.58	9.72	9.91	0.9%
Lower 48 Offshore	4.52	4.38	4.34	4.23	4.05	3.89	3.92	3.90	3.91	3.88	3.72	3.56	3.45	3.37	0.0%
Associated-Dissolved 4/	1.15	1.13	1.12	1.11	1.06	1.01	0.99	0.99	0.99	0.99	0.98	0.95	0.92	0.91	1.0%
Non-Associated	3.37	3.25	3.23	3.12	2.99	2.89	2.93	2.90	2.92	2.89	2.75	2.61	2.52	2.47	-0.3%
Alaska	0.25	1.06	1.86	2.40	2.58	2.58	2.58	2.57	2.57	2.57	2.57	2.57	2.57	2.53	7.1%
Lower 48 End of Year Dry Reserves (tcf) 3/	201.91	201.67	200.39	200.49	200.07	200.01	200.65	201.41	200.73	199.86	200.47	201.07	202.49	202.03	0.2%
Supplemental Gas Supplies (tcf) 5/	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.1%
Total Lower 48 Wells Drilled (thousands)	35.80	34.02	30.99	30.73	32.06	32.39	33.05	34.06	34.18	36.14	37.00	36.41	36.28	36.30	-0.5%

Table 14. Oil and Gas Supply

1/ Represents lower 48 onshore and offshore supplies.

2/ Includes lease condensate.

3/ Marketed 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.

Tcf = Trillion cubic feet.

Note: Totals may not equal sum of components due to independent rounding. Data for 2004 and 2005 are model results and may differ slightly from official EIA data reports.

Sources: 2004 and 2005 crude oil lower 48 average wellhead price: Energy Information Administration (EIA), Petroleum Marketing Annual 2005, DOE/EIA-0487(2005)

(Washington, DC, August 2006). 2004 and 2005 lower 48 onshore, lower 48 offshore, and Alaska crude oil production: EIA, Petroleum Supply Annual 2005, DOE/EIA-0340(2005)/1

(Washington, DC, October 2006). 2004 U.S. crude oil and natural gas reserves: EIA, U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, DOE/EIA-0216(2004)

(Washington, DC, November 2005). 2004 Alaska and total natural gas production, and supplemental gas supplies: EIA, Natural Gas Annual 2004, DOE/EIA-0131(2004) (Washington,

DC, December 2005). 2004 natural gas lower 48 average wellhead price: Minerals Management Service and EIA, Natural Gas Annual 2004, DOE/EIA-0131(2004) (Washington, DC,

December 2005). 2005 natural gas lower 48 average wellhead price, Alaska and total natural gas production, and supplemental gas supplies: EIA, Natural Gas Monthly,

DOE/EIA-0130(2006/04) (Washington, DC, April 2006). Other 2004 and 2005 values: EIA, Office of Integrated Analysis and Forecasting. Projections: EIA, AEO2007 National

Energy Modeling System run hp2007.d112106a.

Table 15. Coal Supply, Disposition, and Prices
(million short tons, unless otherwise noted)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Production 1/													
Appalachia	391	397	394	379	377	381	379	382	388	382	384	376	379
Interior	146	149	150	153	154	156	171	183	188	192	197	197	205
West	575	585	604	611	614	623	650	672	681	703	726	740	754
East of the Mississippi	485	494	494	479	482	487	496	507	518	514	521	514	520
West of the Mississippi	627	638	655	664	664	673	704	730	739	763	787	800	818
Total	1112	1131	1149	1143	1146	1160	1200	1237	1258	1277	1308	1314	1337
Waste Coal Supplied 2/													
	11	13	14	16	16	18	13	14	14	13	14	13	13
Net Imports													
Imports 3/	26	29	32	37	37	37	37	37	37	38	40	50	53
Exports	48	50	46	48	46	44	44	44	44	43	40	37	36
Total	-22	-21	-14	-11	-9	-7	-7	-7	-6	-5	0	13	17
Total Supply 4/													
	1101	1124	1149	1147	1152	1171	1206	1245	1266	1286	1321	1340	1367
Consumption by Sector													
Residential and Commercial	5	5	4	4	5	5	5	5	5	5	5	5	5
Coke Plants	24	23	24	23	22	22	21	21	21	21	20	20	20
Other Industrial 5/	62	61	64	62	63	63	64	64	63	63	63	63	63
Coal-to-Liquids Heat and Power	0	0	0	0	0	0	0	5	7	10	14	19	24
Coal to Liquids Production	0	0	0	0	0	0	0	5	7	10	13	18	23
Electric Power 6/	1016	1039	1043	1058	1062	1081	1116	1144	1162	1179	1204	1215	1232
Total	1107	1128	1135	1147	1152	1171	1206	1244	1265	1287	1319	1340	1367
Discrepancy and Stock Change 7/													
	-6	-5	14	0	0	0	0	0	0	-1	2	0	0
Average Minemouth Price 8/													
(2005 dollars per short ton)	20.68	23.34	24.05	24.10	24.02	23.97	24.54	24.22	24.01	23.51	23.37	23.14	23.23
(2005 dollars per million Btu)	1.01	1.15	1.17	1.18	1.17	1.17	1.20	1.19	1.18	1.16	1.15	1.15	1.15
Delivered Prices													
(2005 dollars per short ton) 9/													
Coke Plants	63.36	83.79	89.14	90.50	90.41	87.52	85.19	82.58	79.91	76.94	75.84	75.20	75.35
Other Industrial 5/	40.49	47.63	47.33	48.39	48.74	48.93	49.14	49.31	49.10	48.96	48.78	48.67	48.79
Coal to Liquids	N/A	N/A	0.00	0.00	0.00	0.00	0.00	14.15	14.26	14.50	14.81	16.06	17.91
Electric Power													
(2005 dollars per short ton)	28.12	30.83	33.60	33.80	34.24	34.37	34.85	34.30	33.96	33.49	33.51	33.57	33.63
(2005 dollars per million Btu)	1.40	1.53	1.67	1.69	1.71	1.72	1.74	1.72	1.70	1.68	1.68	1.68	1.68
Average	29.58	32.82	35.55	35.72	36.13	36.16	36.51	35.72	35.25	34.66	34.52	34.44	34.40
Exports 10/	55.75	67.10	67.39	69.50	70.86	70.21	69.86	69.03	67.75	66.26	65.79	66.08	66.80

Table 15. Coal Supply, Disposition, and Prices
(million short tons, unless otherwise noted)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Production 1/															
Appalachia	378	369	375	383	393	392	393	393	393	389	390	399	401	410	0.1%
Interior	208	213	220	231	240	248	267	280	299	313	326	330	338	346	3.4%
West	779	808	836	867	905	948	976	1003	1030	1057	1108	1126	1174	1192	2.9%
East of the Mississippi	520	515	528	547	567	567	578	579	584	583	590	606	614	628	1.0%
West of the Mississippi	844	875	903	934	971	1020	1058	1098	1139	1177	1235	1249	1298	1319	3.0%
Total	1365	1390	1431	1481	1538	1588	1636	1676	1723	1759	1824	1855	1913	1948	2.2%
Waste Coal Supplied 2/															
	13	13	13	13	13	13	13	13	13	13	13	12	11	13	-0.1%
Net Imports															
Imports 3/	58	73	78	79	80	80	80	82	83	87	88	90	91	92	4.7%
Exports	34	34	34	32	35	35	35	34	33	29	27	27	27	27	-2.4%
Total	24	39	45	47	46	45	45	47	50	57	61	62	64	65	N/A
Total Supply 4/															
	1402	1442	1488	1541	1597	1645	1694	1736	1786	1830	1898	1929	1988	2026	2.4%
Consumption by Sector															
Residential and Commercial	5	5	5	5	5	5	5	5	5	5	5	5	5	5	-0.3%
Coke Plants	20	20	20	20	20	20	20	20	20	20	20	20	20	20	-0.6%
Other Industrial 5/	63	63	63	63	63	63	63	63	64	64	64	64	65	65	0.2%
Coal-to-Liquids Heat and Power	31	42	54	71	92	109	124	134	148	157	178	181	199	205	N/A
Coal to Liquids Production	30	41	53	69	90	105	120	130	144	152	173	175	193	199	N/A
Electric Power 6/	1253	1272	1293	1313	1327	1343	1362	1385	1405	1431	1458	1483	1505	1532	1.6%
Total	1401	1442	1488	1541	1596	1645	1694	1736	1786	1829	1898	1929	1988	2026	2.4%
Discrepancy and Stock Change 7/															
	0	0	0	0	0	1	0	0	0	0	0	0	0	0	N/A
Average Minemouth Price 8/															
(2005 dollars per short ton)	23.19	22.95	23.13	23.46	23.86	23.86	23.92	23.99	24.06	23.96	23.92	24.22	24.16	24.45	0.2%
(2005 dollars per million Btu)	1.15	1.15	1.16	1.17	1.19	1.20	1.20	1.21	1.22	1.22	1.22	1.23	1.23	1.25	0.3%
Delivered Prices															
(2005 dollars per short ton) 9/															
Coke Plants	75.54	75.75	75.66	75.56	76.31	76.73	77.13	77.19	76.87	76.15	75.49	75.54	75.82	76.23	-0.4%
Other Industrial 5/	48.92	48.80	48.89	49.37	49.89	50.17	50.30	50.53	50.65	50.72	50.70	50.96	51.08	51.32	0.3%
Coal to Liquids	20.01	20.95	22.62	25.11	27.56	27.23	27.48	27.57	28.42	28.36	29.11	29.48	30.09	30.42	N/A
Electric Power															
(2005 dollars per short ton)	33.71	33.72	33.96	34.34	34.79	35.11	35.13	35.30	35.40	35.49	35.65	35.97	36.03	36.25	0.7%
(2005 dollars per million Btu)	1.69	1.69	1.70	1.71	1.73	1.75	1.75	1.76	1.76	1.77	1.77	1.79	1.79	1.80	0.7%
Average	34.39	34.23	34.34	34.65	35.08	35.17	35.08	35.17	35.27	35.26	35.37	35.69	35.75	35.97	0.4%
Exports 10/	67.75	67.29	66.98	66.49	67.82	68.23	68.55	68.29	67.28	65.38	63.83	64.07	64.49	65.34	-0.1%

Table 15. Coal Supply, Disposition, and Prices
(million short tons, unless otherwise noted)

1/ Includes anthracite, bituminous coal, subbituminous coal, and lignite.

2/ Includes waste coal consumed by the electric power and industrial sectors. Waste coal supplied is counted as a supply-side item to balance the same amount of waste coal included in the consumption data.

3/ Excludes imports to Puerto Rico and the U.S. Virgin Islands.

4/ Production plus waste coal supplied plus net imports.

5/ Includes consumption for combined heat and power plants, except those plants whose primary business is to sell electricity, or electricity and heat, to the public. Excludes all coal in the coal-to-liquids process.

6/ Includes all electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public.

7/ Balancing item: the sum of production, net imports, and waste coal supplied minus total consumption.

8/ Includes reported prices for both open market and captive mines.

9/ Prices weighted by consumption; weighted average excludes residential and commercial prices, and export free-alongside-ship (f.a.s.) prices.

10/ 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. Data for 2004 and 2005 are model results and may differ slightly from official EIA data reports.

Sources: 2004 and 2005 data based on: Energy Information Administration (EIA), Annual Coal Report 2005, DOE/EIA-0584(2005) (Washington, DC, October 2006); EIA, Quarterly Coal Report, October-December 2005, DOE/EIA-0121(2005/4Q) (Washington, DC, March 2006); and EIA, AEO2007 National Energy Modeling System run aeo2007.d112106a.

Projections: EIA, AEO2007 National Energy Modeling System run hp2007.d112106a.

Table 16. Renewable Energy Generating Capacity and Generation
(gigawatts, unless otherwise noted)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Electric Power Sector 1/													
Net Summer Capacity													
Conventional Hydropower	79.96	79.97	79.97	79.98	79.99	79.99	79.99	79.99	79.99	79.99	79.99	79.99	79.99
Geothermal 2/	2.17	2.28	2.38	2.45	2.46	2.46	2.46	2.46	2.46	2.56	2.63	2.81	2.86
Municipal Waste 3/	3.19	3.23	3.41	3.43	3.43	3.77	3.78	3.78	3.78	3.78	3.81	3.81	3.81
Wood and Other Biomass 4/, 5/	2.04	2.06	2.15	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.35	2.67	2.73
Solar Thermal	0.40	0.40	0.40	0.53	0.54	0.54	0.54	0.55	0.55	0.55	0.56	0.56	0.56
Solar Photovoltaic 6/	0.03	0.03	0.03	0.04	0.05	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15
Wind	6.97	9.62	12.24	16.42	16.61	16.80	16.97	17.11	17.26	17.41	17.56	17.70	17.73
Total	94.75	97.59	100.59	105.07	105.30	105.85	106.03	106.19	106.35	106.61	107.01	107.67	107.83
Generation (billion kilowatthours)													
Conventional Hydropower	265.06	261.89	279.78	277.72	284.49	290.96	297.49	302.72	302.75	302.77	302.79	302.82	302.84
Geothermal 2/	14.81	15.12	16.25	16.80	17.26	17.31	17.34	17.34	17.34	17.80	18.30	19.40	20.03
Municipal Waste 3/	19.86	20.56	20.79	21.52	21.56	24.23	24.24	24.25	24.25	24.25	24.49	24.49	24.49
Wood and Other Biomass 5/	9.73	9.92	16.64	27.31	30.48	40.55	45.88	46.51	45.01	45.72	51.40	61.06	66.12
Dedicated Plants	8.54	5.38	10.96	11.72	12.12	12.48	11.80	11.50	11.41	11.47	12.74	14.81	15.71
Cofiring	1.19	4.53	5.68	15.59	18.36	28.07	34.08	35.02	33.60	34.26	38.66	46.24	50.40
Solar Thermal	0.57	0.54	0.70	0.92	1.14	1.15	1.16	1.17	1.18	1.19	1.20	1.22	1.23
Solar Photovoltaic 6/	0.01	0.01	0.07	0.10	0.12	0.15	0.18	0.21	0.23	0.27	0.30	0.34	0.38
Wind	14.14	14.60	28.92	46.21	47.06	47.65	48.26	48.79	49.31	49.83	50.34	50.85	50.95
Total	324.19	322.64	363.16	390.59	402.12	422.00	434.54	440.98	440.06	441.83	448.82	460.16	466.03
End-Use Generators 7/													
Net Summer Capacity													
Conventional Hydropower 8/	0.65	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
Geothermal	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
Municipal Waste 9/	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
Biomass	4.66	4.49	4.59	4.68	4.69	4.69	4.73	4.81	4.92	5.03	5.11	5.20	5.30
Solar Photovoltaic 6/	0.12	0.18	0.23	0.31	0.40	0.50	0.63	0.65	0.66	0.67	0.68	0.69	0.70
Total	5.76	5.63	5.79	5.96	6.06	6.16	6.33	6.43	6.55	6.66	6.76	6.86	6.97
Generation (billion kilowatthours)													
Conventional Hydropower 8/	4.99	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18
Geothermal	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
Municipal Waste 9/	2.64	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75
Biomass	28.90	27.91	28.52	29.05	29.11	29.14	29.37	29.84	30.48	31.08	31.58	32.08	32.69
Solar Photovoltaic 6/	0.23	0.33	0.45	0.61	0.77	0.95	1.21	1.24	1.26	1.28	1.31	1.33	1.35
Total	36.77	34.18	34.90	35.59	35.82	36.03	36.52	37.02	37.68	38.30	38.83	39.34	39.98

Table 16. Renewable Energy Generating Capacity and Generation
(gigawatts, unless otherwise noted)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Electric Power Sector 1/															
Net Summer Capacity															
Conventional Hydropower	80.14	80.14	80.20	80.20	80.20	80.20	80.20	80.20	80.20	80.20	80.28	80.28	80.28	80.28	0.0%
Geothermal 2/	2.96	2.99	2.99	3.06	3.06	3.11	3.16	3.21	3.26	3.31	3.36	3.36	3.36	3.36	1.6%
Municipal Waste 3/	3.81	3.81	3.81	3.81	3.81	3.81	3.81	3.81	3.81	3.81	3.86	3.86	3.86	3.87	0.7%
Wood and Other Biomass 4/, 5/	2.85	3.00	3.06	3.63	3.75	3.83	3.88	3.99	4.05	4.05	4.10	4.19	4.51	4.91	3.5%
Solar Thermal	0.57	0.57	0.58	0.58	0.59	0.59	0.59	0.60	0.60	0.61	0.61	0.62	0.62	0.63	1.8%
Solar Photovoltaic 6/	0.17	0.18	0.20	0.22	0.24	0.25	0.27	0.29	0.31	0.32	0.34	0.36	0.38	0.39	10.6%
Wind	17.79	17.96	17.96	18.17	18.30	18.30	18.30	18.38	18.46	18.50	18.50	18.53	18.53	18.53	2.7%
Total	108.29	108.65	108.80	109.67	109.94	110.09	110.22	110.48	110.69	110.80	111.05	111.19	111.54	111.97	0.6%
Generation (billion kilowatthours)															
Conventional Hydropower	303.92	303.95	304.34	304.37	304.39	304.42	304.45	304.48	304.51	304.55	304.98	305.01	305.04	305.07	0.6%
Geothermal 2/	20.86	21.24	21.45	21.83	21.95	22.30	22.62	23.02	23.42	23.82	24.21	24.38	24.46	24.46	1.9%
Municipal Waste 3/	24.49	24.49	24.49	24.51	24.51	24.51	24.51	24.51	24.51	24.51	24.88	24.89	24.93	24.99	0.8%
Wood and Other Biomass 5/	67.72	62.41	60.18	70.08	70.95	72.42	73.03	73.26	71.45	68.68	67.30	66.52	69.23	70.31	8.1%
Dedicated Plants	17.03	17.33	17.14	21.47	22.38	23.13	24.01	24.75	24.92	25.06	25.79	26.64	29.71	33.35	9.9%
Cofiring	50.70	45.08	43.05	48.61	48.57	49.29	49.02	48.50	46.53	43.62	41.51	39.88	39.52	36.97	7.0%
Solar Thermal	1.24	1.26	1.27	1.28	1.30	1.31	1.33	1.34	1.36	1.37	1.38	1.40	1.41	1.43	4.0%
Solar Photovoltaic 6/	0.41	0.45	0.50	0.54	0.58	0.63	0.67	0.72	0.76	0.81	0.85	0.89	0.94	0.98	22.6%
Wind	51.18	51.81	51.81	52.49	52.95	52.94	52.94	53.19	53.45	53.60	53.59	53.67	53.67	53.67	5.3%
Total	469.83	465.59	464.04	475.10	476.63	478.52	479.55	480.52	479.45	477.32	477.20	476.76	479.68	480.92	1.6%
End-Use Generators 7/															
Net Summer Capacity															
Conventional Hydropower 8/	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.0%
Geothermal	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
Municipal Waste 9/	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.0%
Biomass	5.39	5.47	5.58	5.72	5.83	5.96	6.09	6.22	6.36	6.50	6.64	6.78	6.92	7.06	1.8%
Solar Photovoltaic 6/	0.72	0.73	0.78	0.82	0.87	0.97	1.09	1.27	1.48	1.72	1.99	2.50	3.08	3.86	13.2%
Total	7.07	7.16	7.33	7.50	7.67	7.89	8.14	8.45	8.80	9.19	9.59	10.24	10.97	11.88	3.0%
Generation (billion kilowatthours)															
Conventional Hydropower 8/	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	0.0%
Geothermal	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
Municipal Waste 9/	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	0.0%
Biomass	33.18	33.65	34.34	35.10	35.80	36.52	37.27	38.03	38.87	39.67	40.48	41.29	42.13	42.93	1.7%
Solar Photovoltaic 6/	1.38	1.41	1.49	1.56	1.65	1.83	2.06	2.40	2.79	3.25	3.76	4.72	5.80	7.24	13.1%
Total	40.49	40.99	41.76	42.60	43.39	44.28	45.27	46.37	47.59	48.86	50.17	51.94	53.87	56.10	2.0%

Table 16. Renewable Energy Generating Capacity and Generation
(gigawatts, unless otherwise noted)

1/ Includes electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public.

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

3/ Includes municipal solid waste, landfill gas, and municipal sewage sludge. Incremental growth is assumed to be for landfill gas facilities. All municipal solid waste is included, although a portion of the municipal solid waste stream contains petroleum-derived plastics and other non-renewable sources.

4/ Facilities co-firing biomass and coal are classified as coal.

5/ Includes projections for energy crops after 2010.

6/ Does not include off-grid photovoltaics (PV). Based on annual PV shipments from 1989 through 2004, EIA estimates that as much as 167 megawatts of remote electricity generation PV applications (i.e., off-grid power systems) were in service in 2004, plus an additional 447 megawatts in communications, transportation, and assorted other non-grid-connected, specialized applications. See Energy Information Administration, Annual Energy Review 2005, DOE/EIA-0384(2005) (Washington, DC, July 2006), Table 10.6 (annual PV shipments, 1989-2004). The approach used to develop the estimate, based on shipment data, provides an upper estimate of the size of the PV stock, including both grid-based and off-grid PV. It will overestimate the size of the stock, because shipments include a substantial number of units that are exported, and each year some of the PV units installed earlier will be retired from service or abandoned.

7/ Includes combined heat and power plants and electricity-only plants in the commercial and industrial sectors; and small on-site generating systems in the residential, commercial, and industrial sectors used primarily for own-use generation, but which may also sell some power to the grid.

8/ Represents own-use industrial hydroelectric power.

9/ Includes municipal solid waste, landfill gas, and municipal sewage sludge. All municipal solid waste is included, although a portion of the municipal solid waste stream contains petroleum-derived plastics and other non-renewable sources.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2004 and 2005 are model results and may differ slightly from official EIA data reports.

Sources: 2004 and 2005 capacity: Energy Information Administration (EIA), Form EIA-860, "Annual Electric Generator Report" (preliminary). 2004 and 2005 generation: EIA, Annual Energy Review 2005, DOE/EIA-0384(2005) (Washington, DC, July 2006). Projections: EIA, AEO2007 National Energy Modeling System run hp2007.d112106a.

Table 17. Renewable Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Marketed Renewable Energy 2/													
Residential (wood)	0.40	0.41	0.40	0.43	0.44	0.43	0.43	0.43	0.43	0.42	0.42	0.42	0.43
Commercial (biomass)	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
Industrial 3/	1.91	1.69	1.89	1.94	2.03	2.21	2.29	2.32	2.35	2.38	2.40	2.41	2.45
Conventional Hydroelectric	0.05	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Municipal Waste 4/	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
Biomass	1.64	1.40	1.53	1.54	1.53	1.53	1.54	1.55	1.57	1.59	1.61	1.63	1.66
Biofuels Heat and Coproducts	0.21	0.24	0.32	0.35	0.45	0.64	0.71	0.73	0.74	0.74	0.74	0.74	0.75
Transportation	0.30	0.34	0.46	0.62	0.74	0.90	0.99	0.99	1.00	1.02	1.02	1.03	1.09
Ethanol used in E85 5/	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
Ethanol used in Gasoline Blending	0.29	0.33	0.45	0.51	0.63	0.87	0.94	0.95	0.96	0.98	0.98	0.98	1.00
Biodiesel used in Distillate Blending	0.00	0.00	0.00	0.11	0.11	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.09
Electric Power 6/	3.55	3.64	3.97	4.27	4.40	4.61	4.74	4.80	4.80	4.83	4.92	5.06	5.13
Conventional Hydroelectric	2.66	2.68	2.81	2.79	2.86	2.92	2.99	3.04	3.04	3.04	3.04	3.04	3.04
Geothermal	0.31	0.32	0.34	0.35	0.36	0.36	0.36	0.36	0.36	0.38	0.39	0.42	0.44
Municipal Waste 7/	0.27	0.28	0.28	0.29	0.29	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
Biomass	0.16	0.21	0.23	0.35	0.38	0.49	0.55	0.55	0.54	0.56	0.62	0.72	0.77
Dedicated Plants	0.14	0.09	0.14	0.14	0.14	0.13	0.12	0.12	0.12	0.12	0.13	0.16	0.16
Cofiring	0.02	0.11	0.09	0.21	0.25	0.36	0.42	0.43	0.42	0.44	0.48	0.56	0.61
Solar Thermal	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
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
Wind	0.14	0.15	0.30	0.48	0.49	0.49	0.50	0.50	0.51	0.51	0.52	0.52	0.53
Total Marketed Renewable Energy	6.27	6.19	6.84	7.37	7.72	8.28	8.57	8.66	8.70	8.77	8.88	9.05	9.22
Sources of Ethanol													
From Corn	0.28	0.33	0.42	0.47	0.59	0.82	0.91	0.91	0.92	0.93	0.93	0.93	0.94
From Cellulose	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02
Imports	0.01	0.01	0.03	0.04	0.04	0.04	0.03	0.02	0.02	0.03	0.03	0.04	0.04
Total	0.29	0.33	0.45	0.51	0.63	0.87	0.95	0.95	0.96	0.98	0.98	0.99	1.00
Nonmarketed Renewable Energy													
Selected Consumption 8/													
Residential	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05
Solar Hot Water Heating	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
Geothermal Heat Pumps	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
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
Commercial	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Solar Thermal	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
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

Table 17. Renewable Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Marketed Renewable Energy 2/															
Residential (wood)	0.42	0.42	0.42	0.43	0.42	0.42	0.42	0.42	0.42	0.41	0.41	0.41	0.41	0.41	0.0%
Commercial (biomass)	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	0.0%
Industrial 3/	2.47	2.50	2.52	2.56	2.59	2.62	2.66	2.69	2.74	2.78	2.83	2.88	2.93	2.98	2.3%
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	N/A
Municipal Waste 4/	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	N/A
Biomass	1.67	1.69	1.71	1.74	1.76	1.78	1.80	1.83	1.86	1.88	1.91	1.93	1.95	1.98	1.4%
Biofuels Heat and Coproducts	0.76	0.76	0.77	0.78	0.79	0.80	0.81	0.82	0.84	0.85	0.88	0.91	0.94	0.96	5.6%
Transportation	1.10	1.12	1.13	1.16	1.17	1.19	1.21	1.23	1.27	1.30	1.33	1.37	1.41	1.46	6.0%
Ethanol used in E85 5/	0.01	0.01	0.02	0.03	0.03	0.04	0.05	0.07	0.08	0.10	0.12	0.15	0.18	0.20	23.7%
Ethanol used in Gasoline Blending	1.00	1.01	1.02	1.02	1.03	1.03	1.05	1.05	1.06	1.07	1.08	1.09	1.10	1.10	4.9%
Biodiesel used in Distillate Blending	0.09	0.10	0.10	0.11	0.11	0.11	0.11	0.12	0.13	0.13	0.13	0.13	0.13	0.16	N/A
Electric Power 6/	5.19	5.14	5.13	5.24	5.26	5.28	5.30	5.32	5.30	5.29	5.30	5.30	5.32	5.33	1.5%
Conventional Hydroelectric	3.05	3.05	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	0.5%
Geothermal	0.47	0.48	0.49	0.50	0.50	0.51	0.53	0.54	0.55	0.56	0.58	0.58	0.58	0.58	2.5%
Municipal Waste 7/	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.34	0.34	0.34	0.8%
Biomass	0.79	0.72	0.70	0.79	0.80	0.81	0.82	0.82	0.79	0.76	0.75	0.74	0.76	0.77	4.9%
Dedicated Plants	0.18	0.18	0.18	0.23	0.24	0.24	0.25	0.26	0.26	0.26	0.27	0.28	0.31	0.35	9.0%
Cofiring	0.61	0.54	0.51	0.56	0.56	0.57	0.56	0.56	0.53	0.50	0.47	0.46	0.45	0.42	3.2%
Solar Thermal	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	6.2%
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	0.00	N/A
Wind	0.53	0.53	0.53	0.54	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	5.4%
Total Marketed Renewable Energy	9.31	9.31	9.32	9.50	9.56	9.63	9.70	9.78	9.85	9.91	9.99	10.08	10.20	10.30	2.0%
Sources of Ethanol															
From Corn	0.94	0.95	0.96	0.98	0.99	1.00	1.02	1.04	1.06	1.09	1.12	1.15	1.18	1.18	5.3%
From Cellulose	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.05	N/A
Imports	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	8.4%
Total	1.01	1.02	1.03	1.05	1.06	1.08	1.10	1.12	1.14	1.17	1.20	1.24	1.28	1.30	5.6%
Nonmarketed Renewable Energy															
 Selected Consumption 8/															
Residential	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	4.3%
Solar Hot Water Heating	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	3.6%
Geothermal Heat Pumps	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	7.9%
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	0.00	11.1%
Commercial	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	2.9%
Solar Thermal	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	0.7%
Solar Photovoltaic	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	13.3%

Table 17. Renewable Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)

- 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 2.
- 3/ Includes all electricity production by industrial and other combined heat and power for the grid and for own use.
- 4/ Includes municipal solid waste, landfill gas, and municipal sewage sludge. All municipal solid waste is included, although a portion of the municipal solid waste stream contains petroleum-derived plastics and other non-renewable sources.
- 5/ Excludes motor gasoline component of E85.
- 6/ Includes consumption of energy by electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public. Includes small power producers and exempt wholesale generators.
- 7/ Includes municipal solid waste, landfill gas, and municipal sewage sludge. Incremental growth is assumed to be for landfill gas facilities. All municipal solid waste is included, although a portion of the municipal solid waste stream contains petroleum-derived plastics and other non-renewable sources.
- 8/ 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.
- Note: Totals may not equal sum of components due to independent rounding. Data for 2004 and 2005 are model results and may differ slightly from official EIA data reports.
Sources: 2004 and 2005 ethanol: Energy Information Administration (EIA), Annual Energy Review 2005, DOE/EIA-0384(2005) (Washington, DC, July 2006). 2004 and 2005 electric power sector: EIA, Form EIA-860, "Annual Electric Generator Report" (preliminary). Other 2004 and 2005 values: EIA, Office of Integrated Analysis and Forecasting. Projections: EIA, AEO2007 National Energy Modeling System run hp2007.d112106a.

Table 18. Carbon Dioxide Emissions by Sector and Source
(million metric tons carbon dioxide equivalent, unless otherwise noted)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Residential													
Petroleum	106	105	106	106	105	104	104	104	104	103	102	101	101
Natural Gas	265	262	243	265	269	270	271	273	275	276	277	278	279
Coal	1	1	1	1	1	1	1	1	1	1	1	1	1
Electricity 1/	842	886	884	890	904	920	942	960	975	985	1001	1010	1022
Total	1214	1254	1235	1261	1278	1295	1319	1337	1355	1365	1381	1391	1403
Commercial													
Petroleum	54	55	54	53	53	53	53	53	54	54	53	53	53
Natural Gas	170	166	159	164	168	170	172	175	178	182	184	186	188
Coal	10	8	8	9	9	9	9	9	9	9	9	9	9
Electricity 1/	800	822	816	828	847	866	888	908	926	943	963	977	991
Total	1034	1051	1038	1054	1077	1098	1122	1146	1167	1187	1210	1226	1241
Industrial 2/													
Petroleum	437	431	435	419	416	409	408	407	402	405	405	405	405
Natural Gas 3/	435	400	420	433	438	445	447	450	455	451	452	454	457
Coal	201	189	194	186	187	185	184	190	192	195	199	206	215
Electricity 1/	663	663	651	662	660	661	670	675	679	683	687	690	693
Total	1736	1682	1701	1701	1701	1700	1709	1723	1728	1734	1744	1754	1769
Transportation													
Petroleum 4/	1902	1922	1930	1940	1945	1946	1963	1983	1998	2011	2026	2040	2057
Natural Gas 5/	32	32	32	36	37	37	37	37	38	38	39	39	40
Electricity 1/	5	5	5	5	5	5	5	5	6	6	6	6	6
Total	1939	1958	1967	1981	1987	1988	2005	2025	2041	2055	2070	2085	2103
Electric Power 6/													
Petroleum	98	100	59	65	67	67	68	68	71	67	65	62	62
Natural Gas	296	319	319	320	343	342	323	319	319	326	320	324	324
Coal	1904	1944	1967	1987	1994	2028	2100	2148	2182	2209	2258	2283	2313
Other 7/	11	12	12	12	12	14	14	14	14	14	14	14	14
Total	2309	2375	2357	2384	2416	2451	2505	2549	2586	2616	2657	2683	2712
Total by Fuel													
Petroleum 3/	2598	2614	2584	2584	2586	2580	2597	2614	2628	2640	2651	2661	2677
Natural Gas	1198	1178	1174	1218	1254	1264	1251	1255	1265	1274	1272	1282	1288
Coal	2115	2142	2171	2182	2191	2224	2295	2349	2385	2414	2467	2499	2538
Other 6/	11	12	12	12	12	14	14	14	14	14	14	14	14
Total	5923	5945	5940	5996	6043	6081	6156	6232	6291	6341	6405	6456	6517
Carbon Dioxide Emissions (tons per person)	20.1	20.0	19.8	19.8	19.8	19.8	19.8	19.9	19.9	19.9	20.0	19.9	20.0

Table 18. Carbon Dioxide Emissions by Sector and Source
(million metric tons carbon dioxide equivalent, unless otherwise noted)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Residential															
Petroleum	99	99	98	98	97	96	95	95	94	93	93	93	92	91	-0.6%
Natural Gas	279	280	282	284	283	283	283	284	284	283	283	284	283	283	0.3%
Coal	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-0.2%
Electricity 1/	1031	1044	1056	1069	1072	1082	1092	1105	1113	1125	1137	1153	1159	1175	1.1%
Total	1410	1424	1437	1451	1453	1462	1471	1485	1492	1503	1515	1530	1534	1550	0.9%
Commercial															
Petroleum	53	53	53	53	53	54	54	54	54	54	54	54	55	55	0.0%
Natural Gas	189	192	195	198	200	202	203	206	208	210	212	214	216	218	1.1%
Coal	9	9	9	9	9	9	9	9	9	9	9	9	9	9	0.6%
Electricity 1/	1006	1024	1041	1056	1070	1088	1106	1126	1145	1166	1190	1214	1234	1263	1.7%
Total	1258	1278	1299	1316	1333	1353	1373	1394	1416	1440	1465	1491	1514	1545	1.6%
Industrial 2/															
Petroleum	406	407	406	409	402	414	412	419	422	421	428	431	433	437	0.1%
Natural Gas 3/	457	459	469	475	487	477	486	484	488	495	493	496	499	500	0.9%
Coal	227	243	265	295	333	354	379	393	415	428	461	467	498	507	4.0%
Electricity 1/	693	696	701	706	706	711	714	719	727	734	742	751	757	769	0.6%
Total	1783	1804	1842	1884	1928	1956	1990	2015	2052	2078	2124	2144	2187	2213	1.1%
Transportation															
Petroleum 4/	2074	2090	2110	2128	2146	2164	2184	2205	2227	2250	2273	2296	2320	2340	0.8%
Natural Gas 5/	40	41	44	44	45	45	45	45	45	46	46	46	46	46	1.5%
Electricity 1/	6	6	6	6	6	6	6	6	7	7	7	7	7	7	1.5%
Total	2120	2138	2160	2179	2197	2215	2235	2256	2279	2302	2325	2348	2373	2393	0.8%
Electric Power 6/															
Petroleum	62	62	62	63	63	64	64	65	65	65	66	66	66	66	-1.6%
Natural Gas	311	306	298	288	278	272	268	265	261	253	246	239	232	236	-1.2%
Coal	2350	2388	2430	2472	2500	2538	2572	2613	2652	2699	2751	2805	2845	2897	1.6%
Other 7/	14	14	14	14	14	14	14	14	14	14	14	14	14	14	0.8%
Total	2737	2769	2805	2837	2854	2887	2918	2957	2992	3032	3076	3124	3157	3214	1.2%
Total by Fuel															
Petroleum 3/	2694	2711	2729	2750	2760	2792	2809	2837	2862	2884	2914	2939	2966	2989	0.5%
Natural Gas	1276	1279	1288	1289	1293	1279	1285	1284	1286	1287	1280	1279	1276	1284	0.3%
Coal	2587	2641	2706	2778	2844	2902	2961	3016	3077	3137	3222	3281	3353	3414	1.9%
Other 6/	14	14	14	14	14	14	14	14	14	14	14	14	14	14	0.8%
Total	6571	6644	6737	6830	6910	6987	7069	7151	7239	7322	7430	7514	7609	7701	1.0%
Carbon Dioxide Emissions (tons per person)	20.0	20.0	20.1	20.3	20.3	20.4	20.5	20.5	20.6	20.7	20.8	20.9	21.0	21.1	0.2%

Table 18. Carbon Dioxide Emissions by Sector and Source
(million metric tons carbon dioxide equivalent, unless otherwise noted)

1/ Emissions from the electric power sector are distributed to the end-use sectors.

2/ Fuel consumption includes energy for combined heat and power plants, except those plants whose primary business is to sell electricity, or electricity and heat, to the public.

3/ Includes lease and plant fuel.

4/ This includes carbon dioxide from international bunker fuels, both civilian and military, which are excluded from the accounting of carbon dioxide emissions under the United Nations convention. From 1990 through 2004, international bunker fuels accounted for 83 to 115 million metric tons annually.

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

6/ Includes electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public.

7/ Includes emissions from geothermal power and nonbiogenic emissions from municipal solid waste.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2004 and 2005 are model results and may differ slightly from official EIA data reports.

Sources: 2004 and 2005 emissions and emission factors: Energy Information Administration (EIA), Emissions of Greenhouse Gases in the United States 2005, DOE/EIA-0573(2005) (Washington, DC, November 2006). Projections: EIA, AEO2007 National Energy Modeling System run hp2007.d112106a.

Table 19. Macroeconomic Indicators
(billion 2000 chain-weighted dollars, unless otherwise noted)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Real Gross Domestic Product	10704	11049	11415	11699	12037	12366	12708	13067	13399	13750	14139	14545	15000
Components of Real Gross Domestic Product													
Real Consumption	7577	7841	8083	8295	8538	8781	9049	9307	9537	9771	10022	10288	10579
Real Investment	1771	1866	1966	1969	2004	2054	2115	2199	2247	2302	2383	2465	2561
Real Government Spending	1941	1958	1997	2031	2065	2094	2116	2137	2161	2186	2213	2240	2270
Real Exports	1120	1196	1299	1410	1524	1640	1749	1873	2009	2156	2311	2473	2662
Real Imports	1711	1815	1928	2001	2085	2189	2299	2418	2516	2614	2725	2840	2970
Energy Intensity (thousand Btu per 2000 dollar of GDP)													
Delivered Energy	6.91	6.60	6.42	6.36	6.25	6.13	6.02	5.90	5.80	5.69	5.57	5.45	5.34
Total Energy	9.41	9.07	8.83	8.74	8.59	8.44	8.30	8.15	8.02	7.87	7.71	7.55	7.39
Price Indices													
GDP Chain-type Price Index (2000=1.000)	1.094	1.127	1.162	1.188	1.212	1.235	1.258	1.281	1.304	1.326	1.346	1.367	1.388
Consumer Price Index (1982-84=1.00)													
All-urban	1.89	1.95	2.02	2.07	2.11	2.15	2.19	2.23	2.28	2.32	2.36	2.41	2.45
Energy Commodities and Services	1.51	1.77	2.03	2.03	2.08	2.10	2.12	2.15	2.19	2.24	2.29	2.37	2.43
Wholesale Price Index (1982=1.00)													
All Commodities	1.47	1.57	1.66	1.69	1.71	1.72	1.73	1.74	1.75	1.77	1.78	1.80	1.83
Fuel and Power	1.27	1.57	1.72	1.74	1.79	1.79	1.81	1.83	1.84	1.88	1.93	1.98	2.04
Interest Rates (percent, nominal)													
Federal Funds Rate	1.35	3.21	5.01	5.03	4.73	4.83	4.68	4.57	4.51	4.47	4.46	4.47	4.42
10-Year Treasury Note	4.27	4.29	4.98	5.07	5.38	5.63	5.62	5.61	5.59	5.56	5.54	5.55	5.51
AA Utility Bond Rate	6.04	5.44	6.14	6.51	7.02	7.45	7.48	7.53	7.63	7.60	7.59	7.59	7.47
Value of Shipments (billion 2000 dollars)													
Total Industrial	5651	5763	5899	5991	6055	6117	6213	6334	6459	6596	6727	6878	7053
Nonmanufacturing	1494	1538	1557	1547	1556	1558	1578	1596	1610	1634	1659	1690	1730
Manufacturing	4157	4225	4342	4443	4499	4559	4634	4738	4849	4961	5068	5188	5323
Energy Intensive	1161	1160	1186	1221	1231	1237	1246	1257	1271	1287	1299	1313	1329
Non-energy Intensive	2996	3065	3156	3223	3268	3322	3388	3481	3578	3675	3768	3875	3994
Population and Employment (millions)													
Population, with Armed Forces Overseas	294.2	296.9	299.6	302.3	304.9	307.6	310.3	312.9	315.6	318.3	321.0	323.7	326.4
Population, aged 16 and over	229.2	231.8	234.5	237.1	239.6	242.0	244.2	246.4	248.6	250.6	252.6	254.7	256.7
Population, over age 65	36.4	36.8	37.3	38.0	38.8	39.6	40.4	41.4	42.8	44.2	45.6	47.0	48.4
Employment, Nonfarm	131.4	133.4	135.4	136.8	138.6	140.1	141.3	142.5	143.4	144.1	145.0	146.0	147.3
Employment, Manufacturing	14.3	14.2	14.2	14.2	14.1	13.8	13.7	13.5	13.5	13.4	13.3	13.3	13.3
Key Labor Indicators													
Labor Force (millions)	147.4	149.3	151.3	153.1	154.5	155.9	157.3	158.7	159.7	160.5	161.2	161.8	162.5
Nonfarm Labor Productivity (1992=1.00)	1.32	1.36	1.39	1.41	1.44	1.47	1.50	1.53	1.57	1.61	1.65	1.69	1.73
Unemployment Rate (percent)	5.52	5.06	4.72	4.90	4.98	5.00	5.10	5.16	5.29	5.42	5.47	5.45	5.32
Key Indicators for Energy Demand													
Real Disposable Personal Income	8011	8105	8279	8577	8896	9193	9477	9733	9984	10231	10518	10832	11175
Housing Starts (millions)	2.08	2.22	2.03	1.91	1.91	1.88	1.90	1.90	1.86	1.84	1.85	1.88	1.91
Commercial Floorspace (billion square feet)	73.0	74.3	75.6	76.8	78.0	79.2	80.3	81.5	82.6	83.8	85.0	86.1	87.3
Unit Sales of Light-Duty Vehicles (millions)	16.87	16.95	16.60	16.46	16.47	16.39	16.68	17.11	17.24	17.42	17.55	17.60	17.72

Table 19. Macroeconomic Indicators
(billion 2000 chain-weighted dollars, unless otherwise noted)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Real Gross Domestic Product	15493	15973	16486	17027	17537	18042	18559	19098	19655	20210	20763	21313	21887	22472	2.9%
Components of Real Gross Domestic Product															
Real Consumption	10901	11226	11559	11902	12240	12571	12906	13250	13598	13948	14305	14666	15032	15401	2.7%
Real Investment	2667	2776	2898	3041	3163	3286	3422	3579	3757	3938	4114	4281	4472	4690	3.8%
Real Government Spending	2301	2332	2363	2400	2427	2456	2485	2516	2547	2580	2613	2646	2682	2718	1.3%
Real Exports	2871	3066	3277	3507	3748	3999	4265	4544	4839	5147	5467	5803	6155	6524	7.0%
Real Imports	3121	3278	3435	3614	3801	3996	4207	4439	4687	4957	5243	5543	5864	6214	5.0%
Energy Intensity (thousand Btu per 2000 dollar of GDP)															
Delivered Energy	5.20	5.09	5.00	4.92	4.84	4.75	4.67	4.58	4.50	4.43	4.36	4.29	4.23	4.16	-1.8%
Total Energy	7.21	7.06	6.92	6.80	6.67	6.54	6.42	6.30	6.19	6.07	5.98	5.88	5.79	5.68	-1.9%
Price Indices															
GDP Chain-type Price Index (2000=1.000)	1.410	1.431	1.453	1.475	1.500	1.527	1.554	1.583	1.612	1.643	1.674	1.706	1.738	1.771	1.8%
Consumer Price Index (1982-84=1.00)															
All-urban	2.49	2.54	2.58	2.63	2.68	2.73	2.79	2.84	2.90	2.96	3.03	3.09	3.15	3.22	2.0%
Energy Commodities and Services	2.50	2.56	2.60	2.66	2.73	2.80	2.87	2.93	3.03	3.11	3.19	3.28	3.35	3.44	2.7%
Wholesale Price Index (1982=1.00)															
All Commodities	1.85	1.87	1.88	1.90	1.92	1.94	1.97	1.99	2.02	2.05	2.08	2.11	2.14	2.17	1.3%
Fuel and Power	2.11	2.15	2.16	2.23	2.30	2.36	2.44	2.50	2.58	2.67	2.75	2.83	2.91	3.00	2.6%
Interest Rates (percent, nominal)															
Federal Funds Rate	4.55	4.57	4.53	4.55	4.59	4.60	4.61	4.64	4.72	4.75	4.76	4.77	4.76	4.79	N/A
10-Year Treasury Note	5.46	5.48	5.46	5.48	5.53	5.55	5.57	5.59	5.66	5.68	5.69	5.70	5.69	5.71	N/A
AA Utility Bond Rate	7.52	7.58	7.59	7.66	7.74	7.77	7.78	7.80	7.86	7.87	7.87	7.87	7.84	7.86	N/A
Value of Shipments (billion 2000 dollars)															
Total Industrial	7199	7345	7517	7696	7852	8018	8173	8346	8550	8745	8936	9115	9298	9498	2.0%
Nonmanufacturing	1765	1799	1834	1872	1893	1907	1923	1944	1974	2001	2019	2026	2041	2065	1.2%
Manufacturing	5434	5546	5682	5824	5959	6111	6250	6403	6576	6744	6916	7090	7257	7432	2.3%
Energy Intensive	1341	1355	1376	1397	1413	1433	1450	1471	1492	1512	1533	1556	1576	1596	1.3%
Non-energy Intensive	4093	4191	4307	4428	4546	4679	4800	4932	5083	5232	5383	5534	5681	5836	2.6%
Population and Employment (millions)															
Population, with Armed Forces Overseas	329.1	331.8	334.5	337.1	339.8	342.5	345.3	348.0	350.8	353.6	356.4	359.2	362.1	364.9	0.8%
Population, aged 16 and over	258.9	261.1	263.2	265.4	267.6	269.8	272.1	274.3	276.7	279.0	281.4	283.8	286.2	288.6	0.9%
Population, over age 65	49.9	51.5	53.2	54.9	56.6	58.4	60.2	61.9	63.8	65.5	67.1	68.7	70.2	71.6	2.7%
Employment, Nonfarm	149.0	150.7	152.7	154.8	156.6	158.3	159.9	161.5	163.0	164.5	166.0	167.4	168.8	170.1	1.0%
Employment, Manufacturing	13.3	13.2	13.2	13.1	13.1	13.0	13.0	12.9	12.9	12.8	12.7	12.6	12.6	12.5	-0.5%
Key Labor Indicators															
Labor Force (millions)	163.4	164.5	165.7	166.7	167.8	169.0	170.1	171.4	172.6	173.9	175.3	176.8	178.4	180.2	0.8%
Nonfarm Labor Productivity (1992=1.00)	1.77	1.81	1.85	1.90	1.94	1.98	2.03	2.08	2.14	2.19	2.24	2.29	2.35	2.41	2.3%
Unemployment Rate (percent)	5.10	4.94	4.77	4.60	4.51	4.49	4.51	4.53	4.56	4.61	4.64	4.68	4.71	4.74	N/A
Key Indicators for Energy Demand															
Real Disposable Personal Income	11538	11922	12320	12743	13163	13576	13993	14425	14866	15318	15774	16235	16703	17158	3.0%
Housing Starts (millions)	1.91	1.92	1.92	1.92	1.89	1.86	1.84	1.84	1.85	1.86	1.85	1.81	1.80	1.80	-0.8%
Commercial Floorspace (billion square feet)	88.5	89.7	91.0	92.3	93.7	95.1	96.6	98.0	99.5	101.1	102.6	104.2	105.7	107.3	1.5%
Unit Sales of Light-Duty Vehicles (millions)	17.98	18.17	18.62	19.01	19.17	19.32	19.49	19.72	19.93	20.16	20.35	20.53	20.76	20.99	0.9%

Table 19. Macroeconomic Indicators
(billion 2000 chain-weighted dollars, unless otherwise noted)

GDP = Gross domestic product.

Btu = British thermal unit.

N/A = Not applicable.

Sources: 2004 and 2005: Global Insight macroeconomic model CTL0806 and Global Insight industry model, July 2005.

Projections: Energy Information Administration, AEO2007 National Energy Modeling System run hp2007.d112106a.

Table 20. International Petroleum Supply and Disposition Summary
(million barrels per day, unless otherwise noted)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Crude Oil Prices (2005 dollars per barrel) 1/													
Imported Low Sulfur Light Crude Oil	42.87	56.76	69.11	66.71	66.91	67.70	69.21	71.08	72.65	74.68	77.19	79.57	81.91
Imported Crude Oil	37.09	49.19	61.75	59.49	59.73	60.71	62.53	64.36	66.19	68.62	71.67	73.85	76.00
Conventional Production 2/													
OPEC 3/													
Asia	1.18	1.17	1.14	1.11	1.00	0.98	0.96	0.93	0.90	0.86	0.83	0.79	0.79
Middle East	22.60	22.96	22.77	22.56	22.16	20.48	20.37	19.89	19.19	18.91	18.42	18.21	17.83
North Africa	3.55	3.78	3.85	3.87	3.47	3.51	3.55	3.51	3.46	3.41	3.27	3.14	3.09
West Africa	2.47	2.78	2.61	2.67	2.26	2.30	2.38	2.45	2.43	2.41	2.34	2.28	2.31
South America	2.75	2.71	2.72	2.73	2.65	2.61	2.57	2.53	2.49	2.43	2.40	2.37	2.34
Total OPEC	32.55	33.41	33.09	32.93	31.54	29.89	29.83	29.31	28.47	28.02	27.26	26.79	26.36
Non-OPEC													
OECD													
United States (50 states)	8.46	8.03	7.96	8.64	8.85	8.87	8.81	8.92	8.94	8.89	9.00	9.11	9.13
Canada	2.12	2.12	2.02	1.94	1.85	1.82	1.80	1.84	1.88	1.90	1.92	1.94	1.94
Mexico	3.85	3.78	3.79	3.58	3.26	3.20	3.08	2.98	2.89	2.91	2.92	2.95	2.98
OECD Europe 4/	6.39	5.96	5.83	5.89	5.86	5.79	5.64	5.54	5.40	5.23	5.04	4.86	4.71
Japan	0.12	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Australia and New Zealand	0.58	0.60	0.54	0.54	0.55	0.55	0.56	0.54	0.53	0.52	0.52	0.51	0.51
Total OECD	21.53	20.59	20.24	20.69	20.46	20.33	19.99	19.93	19.75	19.55	19.50	19.48	19.37
Non-OECD													
Russia	9.27	9.51	9.58	9.78	9.80	9.84	9.88	9.94	10.04	10.09	10.14	10.25	10.35
Other Eurasia 5/	2.21	2.48	2.81	3.17	3.55	3.75	3.88	4.15	4.32	4.52	4.73	4.86	4.95
China	3.64	3.74	3.83	3.73	3.66	3.54	3.42	3.30	3.30	3.25	3.21	3.17	3.19
Other Asia 6/	2.80	2.53	2.48	2.39	2.30	2.24	2.19	2.30	2.34	2.34	2.48	2.48	2.50
Middle East 7/	1.68	1.67	1.69	1.73	1.86	1.99	2.00	2.02	2.06	2.10	2.14	2.18	2.22
Africa	3.40	3.59	3.75	4.06	4.29	4.84	5.19	5.34	5.63	5.94	6.18	6.39	6.61
Brazil	1.58	1.76	1.83	2.10	2.20	2.30	2.39	2.47	2.57	2.68	2.80	2.88	2.93
Other South and Central America	2.35	2.31	2.31	2.30	2.22	2.20	2.20	2.30	2.40	2.45	2.48	2.52	2.54
Total Non-OECD	26.94	27.59	28.28	29.27	29.89	30.69	31.14	31.82	32.66	33.37	34.15	34.72	35.29
Total Conventional Production	81.01	81.59	81.61	82.89	81.89	80.90	80.97	81.06	80.88	80.94	80.91	80.99	81.02
Unconventional Production 8/													
United States (50 states)	0.22	0.25	0.33	0.42	0.52	0.67	0.74	0.79	0.81	0.84	0.87	0.90	0.98
Other North America	1.09	1.09	1.23	1.38	1.59	1.75	1.87	2.03	2.19	2.34	2.50	2.66	2.85
OECD Europe 4/	0.04	0.08	0.09	0.11	0.12	0.15	0.17	0.19	0.21	0.24	0.26	0.28	0.30
Middle East 7/	0.08	0.02	0.13	0.24	0.35	0.46	0.57	0.58	0.70	0.76	0.82	0.88	0.90
Africa	0.16	0.16	0.18	0.20	0.22	0.30	0.42	0.51	0.60	0.69	0.78	0.87	0.95
Central and South America	0.83	0.93	0.94	0.97	1.19	1.37	1.54	1.69	1.98	2.11	2.24	2.37	2.50
Other	0.02	0.28	0.35	0.42	0.47	0.53	0.60	0.69	0.78	0.87	0.96	1.04	1.14
Total Unconventional Production	2.44	2.80	3.25	3.74	4.46	5.22	5.91	6.48	7.28	7.85	8.43	9.01	9.61
Total Production	83.45	84.39	84.86	86.63	86.35	86.13	86.88	87.54	88.16	88.79	89.34	90.01	90.64
Consumption 9/													
OECD													
United States (50 states)	20.76	20.75	20.67	20.97	21.10	21.21	21.37	21.50	21.59	21.70	21.78	21.86	21.99
United States Territories	0.37	0.38	0.38	0.39	0.38	0.39	0.39	0.41	0.42	0.43	0.44	0.44	0.45
Canada	2.32	2.28	2.28	2.31	2.32	2.31	2.35	2.36	2.38	2.39	2.41	2.43	2.41
Mexico	2.00	2.09	2.09	2.12	2.08	2.06	2.06	2.09	2.12	2.14	2.17	2.20	2.22
OECD Europe 4/	15.86	15.73	15.54	15.60	15.54	15.35	15.42	15.40	15.37	15.37	15.36	15.32	15.27
Japan	5.43	5.58	5.47	5.46	5.40	5.29	5.28	5.28	5.28	5.28	5.29	5.28	5.26

Table 20. International Petroleum Supply and Disposition Summary
(million barrels per day, unless otherwise noted)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
South Korea	2.18	2.30	2.33	2.39	2.42	2.44	2.50	2.54	2.59	2.64	2.68	2.73	2.76
Australia and New Zealand	1.04	1.05	1.04	1.05	1.05	1.04	1.04	1.05	1.05	1.05	1.05	1.05	1.05
Total OECD	49.95	50.16	49.80	50.30	50.30	50.09	50.41	50.61	50.78	50.99	51.18	51.30	51.41
Non-OECD													
Russia	2.81	2.75	2.73	2.76	2.72	2.68	2.68	2.70	2.72	2.74	2.76	2.78	2.78
Other Non-OECD Eurasia 5/	2.03	2.33	2.36	2.43	2.44	2.44	2.48	2.53	2.57	2.61	2.65	2.69	2.72
China	6.49	6.86	7.35	7.86	7.77	7.83	7.97	8.11	8.26	8.40	8.53	8.69	8.93
India	2.48	2.52	2.57	2.66	2.65	2.65	2.69	2.73	2.78	2.81	2.85	2.89	2.93
Other Non-OECD Asia	6.03	6.02	6.11	6.30	6.25	6.25	6.31	6.39	6.47	6.54	6.61	6.70	6.80
Middle East 7/	5.74	5.56	5.58	5.70	5.64	5.60	5.63	5.68	5.73	5.78	5.82	5.87	5.92
Africa	2.83	3.01	3.11	3.25	3.27	3.31	3.39	3.42	3.44	3.47	3.49	3.52	3.54
Brazil	2.17	2.20	2.21	2.26	2.23	2.21	2.23	2.25	2.27	2.30	2.32	2.34	2.36
Other Central and South America	2.94	2.99	3.03	3.11	3.09	3.06	3.08	3.10	3.13	3.14	3.16	3.20	3.22
Total Non-OECD	33.50	34.23	35.06	36.33	36.06	36.04	36.46	36.92	37.38	37.78	38.18	38.68	39.22
Total Consumption	83.45	84.39	84.86	86.63	86.35	86.13	86.88	87.53	88.16	88.77	89.36	89.98	90.63
OPEC Production 10/	33.20	34.04	33.82	33.78	32.54	31.10	31.25	30.84	30.37	30.07	29.45	29.13	28.84
Non-OPEC Production 10/	50.25	50.35	51.04	52.85	53.81	55.03	55.63	56.69	57.79	58.73	59.89	60.87	61.80
Net Eurasia Exports	8.24	8.67	9.13	9.86	10.40	10.76	10.98	11.33	11.64	11.94	12.26	12.51	12.73
OPEC Market Share (percent)	39.8	40.3	39.9	39.0	37.7	36.1	36.0	35.2	34.4	33.9	33.0	32.4	31.8

Table 20. International Petroleum Supply and Disposition Summary
(million barrels per day, unless otherwise noted)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Crude Oil Prices (2005 dollars per barrel) 1/															
Imported Low Sulfur Light Crude Oil	83.71	85.45	87.32	89.12	90.26	90.98	92.12	93.25	94.40	95.55	96.69	97.84	98.98	100.14	2.3%
Imported Crude Oil	77.65	79.30	80.96	82.60	83.64	84.67	85.70	86.73	87.77	88.80	89.83	90.86	91.89	92.93	2.6%
Conventional Production 2/															
OPEC 3/															
Asia	0.78	0.77	0.77	0.76	0.75	0.75	0.74	0.73	0.73	0.72	0.71	0.70	0.70	0.70	-2.0%
Middle East	17.62	17.54	17.75	17.99	18.44	18.92	19.21	19.56	19.92	20.29	20.54	20.90	21.01	21.34	-0.3%
North Africa	3.03	2.97	2.92	2.87	2.82	2.76	2.71	2.67	2.62	2.59	2.56	2.53	2.50	2.48	-1.7%
West Africa	2.35	2.37	2.38	2.40	2.39	2.38	2.37	2.36	2.34	2.31	2.28	2.26	2.24	2.21	-0.9%
South America	2.29	2.27	2.25	2.23	2.21	2.18	2.17	2.16	2.15	2.15	2.15	2.14	2.15	2.15	-0.9%
Total OPEC	26.08	25.92	26.06	26.25	26.61	26.98	27.20	27.47	27.76	28.05	28.23	28.53	28.59	28.88	-0.6%
Non-OPEC															
OECD															
United States (50 states)	9.23	9.26	9.36	9.29	9.12	9.19	9.24	9.28	9.28	9.23	9.23	9.17	9.23	9.19	0.5%
Canada	1.85	1.76	1.68	1.61	1.56	1.51	1.47	1.42	1.38	1.35	1.33	1.30	1.28	1.25	-2.1%
Mexico	3.02	3.05	3.06	3.04	3.04	3.03	3.03	3.02	3.02	3.01	3.01	3.00	2.99	2.99	-0.9%
OECD Europe 4/	4.57	4.37	4.18	4.01	3.84	3.68	3.53	3.38	3.24	3.11	2.98	2.85	2.73	2.62	-3.2%
Japan	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	N/A
Australia and New Zealand	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.52	0.53	0.54	0.55	0.56	-0.3%
Total OECD	19.27	19.05	18.89	18.56	18.17	18.02	17.88	17.72	17.53	17.32	17.17	16.97	16.88	16.71	-0.8%
Non-OECD															
Russia	10.46	10.53	10.46	10.39	10.34	10.28	10.23	10.17	10.12	10.04	9.93	9.82	9.71	9.60	0.0%
Other Eurasia 5/	5.04	5.16	5.19	5.22	5.25	5.29	5.34	5.39	5.44	5.45	5.47	5.48	5.50	5.53	3.3%
China	3.21	3.24	3.22	3.20	3.14	3.08	3.02	2.96	2.90	2.84	2.78	2.72	2.66	2.60	-1.4%
Other Asia 6/	2.52	2.54	2.52	2.50	2.46	2.42	2.38	2.34	2.30	2.26	2.22	2.18	2.14	2.10	-0.7%
Middle East 7/	2.26	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	1.3%
Africa	6.70	6.80	6.87	6.95	7.04	7.14	7.24	7.36	7.48	7.58	7.69	7.81	7.93	8.10	3.3%
Brazil	2.99	3.02	3.03	3.10	3.12	3.14	3.16	3.18	3.20	3.20	3.20	3.20	3.20	3.20	2.4%
Other South and Central America	2.56	2.59	2.58	2.56	2.54	2.52	2.51	2.50	2.47	2.47	2.47	2.46	2.46	2.46	0.3%
Total Non-OECD	35.75	36.18	36.17	36.22	36.19	36.17	36.18	36.20	36.21	36.14	36.06	35.98	35.91	35.89	1.1%
Total Conventional Production	81.09	81.14	81.12	81.03	80.96	81.18	81.26	81.38	81.50	81.52	81.46	81.48	81.38	81.48	0.0%
Unconventional Production 8/															
United States (50 states)	1.05	1.15	1.31	1.62	1.83	1.94	2.08	2.22	2.39	2.47	2.71	2.81	3.05	3.20	10.6%
Other North America	3.03	3.21	3.39	3.57	3.69	3.82	3.94	4.06	4.18	4.33	4.47	4.62	4.77	4.91	6.2%
OECD Europe 4/	0.31	0.33	0.35	0.36	0.39	0.41	0.44	0.46	0.48	0.49	0.50	0.51	0.52	0.53	8.0%
Middle East 7/	0.92	0.94	0.96	0.97	1.00	1.02	1.04	1.07	1.09	1.13	1.17	1.20	1.24	1.28	17.4%
Africa	1.03	1.11	1.18	1.26	1.37	1.47	1.58	1.68	1.79	1.90	2.02	2.13	2.24	2.36	11.5%
Central and South America	2.62	2.74	2.87	2.99	3.10	3.21	3.32	3.43	3.54	3.66	3.78	3.91	4.03	4.15	6.2%
Other	1.25	1.35	1.45	1.55	1.72	1.89	2.06	2.23	2.41	2.67	2.92	3.18	3.44	3.69	10.9%
Total Unconventional Production	10.21	10.82	11.50	12.33	13.09	13.76	14.46	15.15	15.89	16.65	17.58	18.36	19.28	20.12	8.2%
Total Production	91.30	91.97	92.63	93.36	94.06	94.94	95.71	96.53	97.39	98.17	99.04	99.84	100.66	101.60	0.7%
Consumption 9/															
OECD															
United States (50 states)	22.12	22.24	22.40	22.57	22.65	22.89	23.03	23.24	23.44	23.61	23.85	24.05	24.25	24.44	0.7%
United States Territories	0.46	0.47	0.48	0.48	0.49	0.50	0.51	0.51	0.52	0.53	0.54	0.55	0.56	0.56	1.6%
Canada	2.40	2.38	2.37	2.35	2.35	2.35	2.36	2.36	2.37	2.36	2.35	2.35	2.34	2.34	0.1%
Mexico	2.25	2.28	2.31	2.34	2.37	2.41	2.44	2.47	2.51	2.54	2.57	2.61	2.64	2.67	1.0%
OECD Europe 4/	15.21	15.14	15.11	15.02	15.02	14.98	14.97	14.97	14.93	14.91	14.88	14.86	14.84	14.84	-0.2%
Japan	5.24	5.22	5.20	5.17	5.16	5.14	5.13	5.12	5.10	5.07	5.04	5.02	4.99	4.97	-0.5%

Table 20. International Petroleum Supply and Disposition Summary
(million barrels per day, unless otherwise noted)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
South Korea	2.79	2.81	2.84	2.87	2.90	2.92	2.94	2.97	2.99	3.02	3.04	3.07	3.09	3.12	1.2%
Australia and New Zealand	1.06	1.06	1.07	1.07	1.07	1.08	1.08	1.08	1.09	1.09	1.09	1.09	1.10	1.10	0.2%
Total OECD	51.52	51.61	51.77	51.86	52.01	52.26	52.45	52.74	52.94	53.13	53.37	53.58	53.82	54.04	0.3%
Non-OECD															
Russia	2.79	2.79	2.79	2.79	2.81	2.82	2.84	2.86	2.88	2.88	2.89	2.89	2.90	2.91	0.2%
Other Non-OECD Eurasia 5/	2.75	2.78	2.82	2.85	2.89	2.92	2.96	3.00	3.03	3.07	3.11	3.15	3.18	3.22	1.3%
China	9.18	9.43	9.66	9.92	10.13	10.37	10.59	10.80	11.04	11.29	11.54	11.79	12.02	12.25	2.3%
India	2.98	3.02	3.06	3.11	3.16	3.22	3.28	3.33	3.39	3.44	3.49	3.54	3.58	3.63	1.5%
Other Non-OECD Asia	6.91	7.02	7.11	7.24	7.34	7.47	7.58	7.68	7.81	7.92	8.04	8.16	8.27	8.37	1.3%
Middle East 7/	5.97	6.02	6.06	6.11	6.16	6.21	6.26	6.30	6.35	6.39	6.42	6.46	6.49	6.52	0.6%
Africa	3.57	3.60	3.62	3.66	3.68	3.71	3.73	3.75	3.79	3.83	3.88	3.93	3.97	4.02	1.2%
Brazil	2.39	2.41	2.43	2.46	2.49	2.53	2.57	2.60	2.64	2.66	2.69	2.71	2.73	2.75	0.9%
Other Central and South America	3.25	3.29	3.31	3.36	3.38	3.42	3.45	3.47	3.51	3.55	3.60	3.64	3.69	3.73	0.9%
Total Non-OECD	39.77	40.35	40.85	41.49	42.04	42.67	43.26	43.79	44.44	45.04	45.66	46.26	46.84	47.40	1.3%
Total Consumption	91.29	91.96	92.62	93.36	94.05	94.94	95.71	96.52	97.38	98.17	99.03	99.84	100.65	101.44	0.7%
OPEC Production 10/	28.69	28.66	28.94	29.26	29.75	30.25	30.60	30.99	31.41	31.85	32.19	32.64	32.85	33.29	-0.1%
Non-OPEC Production 10/	62.61	63.30	63.68	64.10	64.31	64.69	65.12	65.54	65.98	66.32	66.85	67.21	67.81	68.30	1.2%
Net Eurasia Exports	12.96	13.14	13.08	13.07	13.02	12.96	12.92	12.88	12.85	12.73	12.60	12.46	12.33	12.20	1.4%
OPEC Market Share (percent)	31.4	31.2	31.2	31.3	31.6	31.9	32.0	32.1	32.2	32.4	32.5	32.7	32.6	32.8	-0.8%

Table 20. International Petroleum Supply and Disposition Summary
(million barrels per day, unless otherwise noted)

- 1/ Weighted average price delivered to U.S. refiners.
- 2/ Includes production of crude oil (including lease condensates), natural gas plant liquids, other hydrogen and hydrocarbons for refinery feedstocks, alcohol and other sources, and refinery gains.
- 3/ OPEC = Organization of Petroleum Exporting Countries - Algeria, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates, and Venezuela. Does not include Angola, which was admitted as a full member to OPEC on December 14, 2006.
- 4/ OECD Europe = Organization for Economic Cooperation and Development - Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Poland, Portugal, Slovakia, Spain, Sweden, Switzerland, Turkey, and the United Kingdom.
- 5/ Eurasia consists of Armenia, Azerbaijan, Belarus, Estonia, Georgia, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Moldova, Russia, Tajikistan, Turkmenistan, Ukraine, and Uzbekistan.
- 6/ Other Asia = Afghanistan, Bangladesh, Bhutan, Brunei, Cambodia (Kampuchea), Fiji, French Polynesia, Guam, Hong Kong, Indonesia, Kiribati, Laos, Malaysia, Macau, Maldives, Mongolia, Myanmar (Burma), Nauru, Nepal, New Caledonia, Niue, North Korea, Pakistan, Papua New Guinea, Philippines, Samoa, Singapore, Solomon Islands, Sri Lanka, Taiwan, Thailand, Tonga, Vanuatu, and Vietnam.
- 7/ Non-OPEC Middle East includes Turkey.
- 8/ Includes liquids produced from energy crops, natural gas, coal, oil sands, and shale. Includes both OPEC and non-OPEC producers in the regional breakdown.
- 9/ Includes both OPEC and non-OPEC consumers in the regional breakdown.
- 10/ Includes both conventional and nonconventional liquids production.
- Note: Totals may not equal sum of components due to independent rounding. Data for 2004 and 2005 are model results and may differ slightly from official EIA data reports.
N/A = Not applicable.
- Sources: 2004 and 2005 low sulfur light crude oil price: Energy Information Administration (EIA), Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report." 2004 and 2005 imported crude oil price: EIA, Annual Energy Review 2005, DOE/EIA-0384(2005) (Washington, DC, July 2006). 2004 quantities derived from: EIA, International Energy Annual 2004, DOE/EIA-0219(2004) (Washington, DC, May-July 2006). 2005 and projections: EIA, AEO2007 National Energy Modeling System run hp2007.d112106a.