

Table 1. Total Energy Supply and Disposition (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	11.94	12.03	11.99	12.10	12.20	12.06	12.31	12.52	12.57
Natural Gas Plant Liquids	2.46	2.33	2.36	2.41	2.44	2.44	2.43	2.41	2.43	2.41	2.45	2.45	2.45
Dry Natural Gas	19.32	18.77	19.13	19.70	19.99	19.99	19.93	19.80	20.03	19.88	20.25	20.19	20.19
Coal 1/	22.85	23.20	23.77	23.57	23.59	23.90	24.47	24.88	25.09	25.29	25.67	25.74	25.81
Nuclear Power	8.22	8.13	8.20	8.28	8.25	8.21	8.23	8.25	8.38	8.40	8.43	8.47	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	3.08
Biomass 2/	2.81	2.71	3.02	3.35	3.63	4.02	4.22	4.28	4.33	4.35	4.38	4.45	4.50
Other Renewable Energy 3/	0.74	0.76	0.94	1.14	1.16	1.17	1.18	1.18	1.19	1.22	1.24	1.26	1.27
Other 4/	0.29	0.22	0.04	0.55	0.75	0.81	0.67	0.88	0.86	0.94	0.81	0.98	0.98
Total	70.98	69.80	71.09	73.44	74.66	75.52	76.13	76.85	77.59	77.62	78.61	79.12	79.47
Imports													
Crude Oil 5/	22.02	22.09	22.01	21.74	21.31	21.48	21.88	22.15	22.50	22.89	22.75	22.96	23.22
Liquid Fuels and Other Petroleum 6/	6.11	7.16	7.35	6.06	6.11	5.95	6.02	6.07	6.06	6.32	6.58	6.56	6.72
Natural Gas	4.36	4.42	4.12	4.38	4.81	5.12	5.36	5.62	5.79	6.18	6.11	6.43	6.61
Other Imports 7/	0.82	0.85	0.90	0.93	0.93	0.90	0.92	0.92	0.93	0.95	0.99	1.02	1.20
Total	33.30	34.52	34.39	33.12	33.16	33.46	34.18	34.77	35.28	36.34	36.42	36.97	37.75
Exports													
Petroleum 8/	2.07	2.31	2.73	2.69	2.69	2.70	2.71	2.76	2.77	2.75	2.76	2.77	2.78
Natural Gas	0.87	0.75	0.74	0.86	0.83	0.77	0.69	0.66	0.66	0.66	0.66	0.66	0.67
Coal	1.25	1.27	1.14	1.19	1.15	1.11	1.12	1.12	1.11	1.10	1.04	0.96	0.91
Total	4.19	4.33	4.61	4.74	4.66	4.58	4.52	4.54	4.54	4.51	4.46	4.39	4.36
Discrepancy 9/													
	-0.58	-0.20	0.12	-0.53	-0.58	-0.67	-0.70	-0.65	-0.64	-0.61	-0.67	-0.58	-0.63
Consumption													
Liquid Fuels and Other Petroleum 10/	40.79	40.61	40.57	40.67	41.02	41.39	41.76	42.38	42.84	43.39	43.76	44.26	44.77
Natural Gas	23.05	22.63	22.37	23.35	24.10	24.47	24.73	24.90	25.30	25.54	25.84	26.07	26.28
Coal	22.60	22.87	23.14	23.25	23.33	23.66	24.24	24.56	24.78	25.00	25.46	25.64	25.93
Nuclear Power	8.22	8.13	8.20	8.28	8.25	8.21	8.23	8.25	8.38	8.40	8.43	8.47	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	3.08
Biomass 11/	2.53	2.38	2.60	2.78	2.93	3.19	3.30	3.34	3.36	3.38	3.41	3.48	3.51
Other Renewable Energy 3/	0.74	0.76	0.94	1.14	1.16	1.17	1.18	1.18	1.19	1.22	1.24	1.26	1.27
Other 12/	0.04	0.08	0.09	0.06	0.05	0.02	0.04	0.03	0.04	0.05	0.04	0.03	0.03
Total	100.67	100.19	100.75	102.35	103.73	105.07	106.50	107.72	108.97	110.05	111.24	112.28	113.50

Table 1. Total Energy Supply and Disposition (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	12.57	12.55	12.56	12.48	12.43	12.33	12.22	11.96	11.82	11.65	11.56	11.43	11.38	11.40	0.2%
Natural Gas Plant Liquids	2.47	2.42	2.38	2.38	2.36	2.37	2.36	2.35	2.32	2.30	2.30	2.31	2.32	2.31	0.0%
Dry Natural Gas	20.33	20.76	21.30	21.41	21.53	21.61	21.54	21.49	21.21	21.08	21.07	21.14	21.19	21.15	0.5%
Coal 1/	25.89	25.80	26.09	26.61	27.22	27.92	28.52	29.16	30.09	30.98	31.56	32.28	32.84	33.52	1.5%
Nuclear Power	8.82	9.03	9.18	9.23	9.23	9.23	9.23	9.23	9.23	9.23	9.29	9.37	9.44	9.33	0.6%
Hydropower	3.08	3.08	3.08	3.08	3.08	3.08	3.08	3.08	3.09	3.09	3.09	3.09	3.09	3.09	0.5%
Biomass 2/	4.59	4.63	4.67	4.69	4.73	4.81	4.88	4.98	5.04	5.10	5.15	5.20	5.21	5.26	2.7%
Other Renewable Energy 3/	1.29	1.30	1.32	1.33	1.33	1.35	1.35	1.36	1.37	1.39	1.40	1.42	1.43	1.44	2.6%
Other 4/	0.85	0.96	1.01	0.89	0.99	1.07	1.03	1.03	0.89	1.07	1.09	0.95	0.94	1.12	6.8%
Total	79.89	80.54	81.61	82.09	82.91	83.78	84.22	84.65	85.06	85.89	86.51	87.20	87.83	88.63	1.0%
Imports															
Crude Oil 5/	23.46	23.86	24.32	24.72	25.20	25.72	25.74	26.22	26.70	26.91	27.41	27.81	28.28	28.63	1.0%
Liquid Fuels and Other Petroleum 6/	6.87	6.92	6.92	7.05	7.04	6.97	7.57	7.76	7.81	8.22	8.41	8.66	8.81	9.02	0.9%
Natural Gas	6.55	6.26	5.92	6.17	6.07	5.96	6.03	6.11	6.53	6.52	6.59	6.61	6.56	6.47	1.5%
Other Imports 7/	1.37	1.68	1.72	1.73	1.69	1.74	1.76	1.90	1.89	1.89	1.96	2.03	2.17	2.26	4.0%
Total	38.25	38.72	38.88	39.66	40.00	40.39	41.10	41.99	42.93	43.55	44.37	45.12	45.81	46.37	1.2%
Exports															
Petroleum 8/	2.78	2.79	2.84	2.84	2.85	2.86	2.87	2.88	2.85	2.87	2.87	2.88	2.89	2.90	0.9%
Natural Gas	0.67	0.67	0.66	0.69	0.72	0.73	0.76	0.79	0.80	0.84	0.87	0.85	0.89	0.87	0.6%
Coal	0.84	0.81	0.77	0.80	0.80	0.77	0.72	0.66	0.67	0.68	0.68	0.69	0.69	0.69	-2.4%
Total	4.29	4.27	4.26	4.33	4.37	4.36	4.35	4.33	4.32	4.38	4.43	4.42	4.47	4.47	0.1%
Discrepancy 9/	-0.65	-0.62	-0.64	-0.74	-0.74	-0.73	-0.74	-0.72	-0.73	-0.68	-0.67	-0.70	-0.69	-0.63	N/A
Consumption															
Liquid Fuels and Other Petroleum 10/	45.10	45.58	46.09	46.52	47.07	47.61	48.09	48.61	49.05	49.76	50.37	50.86	51.44	52.17	1.0%
Natural Gas	26.36	26.49	26.70	27.04	27.02	26.98	26.94	26.94	27.08	26.92	26.93	27.05	27.00	26.89	0.7%
Coal	26.23	26.46	26.81	27.29	27.84	28.53	29.18	29.88	30.62	31.37	32.01	32.73	33.40	34.14	1.6%
Nuclear Power	8.82	9.03	9.18	9.23	9.23	9.23	9.23	9.23	9.23	9.23	9.29	9.37	9.44	9.33	0.6%
Hydropower	3.08	3.08	3.08	3.08	3.08	3.08	3.08	3.08	3.09	3.09	3.09	3.09	3.09	3.09	0.5%
Biomass 11/	3.58	3.61	3.63	3.64	3.66	3.72	3.78	3.86	3.91	3.95	3.99	4.03	4.03	4.06	2.2%
Other Renewable Energy 3/	1.29	1.30	1.32	1.33	1.33	1.35	1.35	1.36	1.37	1.39	1.40	1.42	1.43	1.44	2.6%
Other 12/	0.04	0.04	0.05	0.04	0.04	0.04	0.04	0.05	0.04	0.04	0.04	0.05	0.05	0.04	-2.6%
Total	114.50	115.60	116.87	118.16	119.28	120.54	121.71	123.03	124.39	125.74	127.13	128.59	129.87	131.16	1.1%

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Prices (2005 dollars per unit)													
Petroleum (dollars per barrel)													
Low Sulfur Light Price 13/	42.87	56.76	69.11	66.71	64.09	60.91	57.47	54.33	51.71	49.99	49.64	49.87	49.75
Imported Crude Oil Price 13/	37.09	49.19	61.75	59.49	57.23	54.21	51.20	48.48	46.22	45.01	44.41	44.61	44.81
Natural Gas (dollars per million Btu)													
Price at Henry Hub	6.08	8.60	7.07	7.23	7.17	6.60	6.28	5.83	5.66	5.49	5.52	5.46	5.56
Wellhead Price 14/	5.63	7.29	6.47	6.45	6.40	5.88	5.59	5.17	5.02	4.87	4.90	4.84	4.94
Natural Gas (dollars per thousand cubic feet)													
Wellhead Price 14/	5.80	7.51	6.67	6.65	6.59	6.05	5.76	5.33	5.17	5.01	5.04	4.99	5.09
Coal (dollars per ton)													
Minemouth Price 15/	20.68	23.34	24.02	24.11	23.93	23.73	24.20	23.54	23.12	22.92	22.63	22.41	22.11
Coal (dollars per million Btu)													
Minemouth Price 15/	1.01	1.15	1.17	1.18	1.17	1.16	1.18	1.16	1.14	1.13	1.12	1.11	1.10
Average Delivered Price 16/	1.45	1.61	1.75	1.77	1.78	1.77	1.77	1.73	1.69	1.67	1.66	1.65	1.64
Average Electricity (cents per kilowatthour)	7.9	8.1	8.3	8.3	8.3	8.2	8.1	7.9	7.8	7.7	7.7	7.7	7.7

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

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Prices (2005 dollars per unit)															
Petroleum (dollars per barrel)															
Low Sulfur Light Price 13/	50.80	51.28	51.95	52.04	52.73	53.43	54.90	55.64	56.37	57.11	57.63	58.12	58.61	59.12	0.2%
Imported Crude Oil Price 13/	45.22	45.64	46.05	46.47	47.08	47.71	48.33	48.94	49.57	49.97	50.40	50.80	51.21	51.63	0.2%
Natural Gas (dollars per million Btu)															
Price at Henry Hub	5.78	5.68	5.62	5.71	5.71	5.85	5.98	6.15	6.14	6.17	6.25	6.39	6.48	6.52	-1.1%
Wellhead Price 14/	5.13	5.05	4.99	5.07	5.07	5.20	5.32	5.47	5.46	5.48	5.56	5.69	5.77	5.80	-0.9%
Natural Gas (dollars per thousand cubic feet)															
Wellhead Price 14/	5.28	5.20	5.14	5.22	5.22	5.35	5.48	5.63	5.62	5.65	5.73	5.86	5.94	5.98	-0.9%
Coal (dollars per ton)															
Minemouth Price 15/	21.91	21.54	21.51	21.58	21.63	21.48	21.43	21.48	21.55	21.75	21.97	22.24	22.36	22.60	-0.1%
Coal (dollars per million Btu)															
Minemouth Price 15/	1.09	1.08	1.08	1.08	1.09	1.08	1.08	1.09	1.09	1.10	1.11	1.13	1.13	1.15	0.0%
Average Delivered Price 16/	1.64	1.62	1.62	1.62	1.63	1.64	1.64	1.65	1.66	1.67	1.68	1.69	1.70	1.71	0.2%
Average Electricity (cents per kilowatthour)	7.8	7.9	7.9	7.9	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.1	0.0%

Table 1. Total Energy Supply and Disposition (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 aeo2007.d112106a.