

Table 1. Total Energy Supply and Disposition Summary (Quadrillion Btu per Year, Unless Otherwise Noted)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Production											
Crude Oil & Lease Condensate	12.16	11.91	12.04	12.27	12.41	12.56	12.89	12.94	12.82	12.56	12.32
Natural Gas Plant Liquids	2.55	2.56	2.35	2.70	2.98	3.00	3.04	3.07	3.07	3.10	3.13
Dry Natural Gas	20.23	19.56	20.09	20.04	20.11	20.19	20.49	20.76	20.80	21.05	21.36
Coal	23.97	22.70	22.66	23.12	23.51	24.03	24.50	24.66	25.03	25.25	25.41
Nuclear Power	8.03	8.15	7.96	8.13	8.26	8.29	8.30	8.32	8.25	8.29	8.35
Renewable Energy 1/	5.25	5.84	5.98	6.41	6.54	6.67	6.79	6.91	7.04	7.18	7.32
Other 2/	0.53	1.13	0.94	0.98	0.76	0.82	0.88	0.91	0.94	0.88	0.81
Total	72.72	71.85	72.03	73.65	74.57	75.57	76.89	77.57	77.94	78.30	78.69
Imports											
Crude Oil 3/	20.26	19.84	20.68	21.15	21.35	22.05	22.48	23.03	23.69	24.51	25.61
Petroleum Products 4/	5.04	4.75	4.87	5.26	5.39	5.41	5.37	5.55	5.61	5.76	5.71
Natural Gas	4.06	4.10	4.29	4.50	4.78	5.22	5.40	5.78	6.07	6.54	6.81
Other Imports 5/	0.59	0.52	0.69	0.70	0.77	0.80	0.84	0.88	0.92	0.95	0.98
Total	29.95	29.21	30.53	31.62	32.29	33.47	34.09	35.24	36.28	37.76	39.11
Exports											
Petroleum 6/	2.01	2.03	2.03	2.08	2.07	2.08	2.09	2.12	2.14	2.15	2.11
Natural Gas	0.38	0.52	0.70	0.81	0.82	0.84	0.86	0.88	0.90	0.91	0.91
Coal	1.26	1.03	1.07	1.04	1.02	1.00	0.98	0.95	0.93	0.89	0.87
Total	3.65	3.58	3.79	3.93	3.90	3.91	3.93	3.95	3.98	3.95	3.89
Discrepancy 7/	2.09	-0.24	0.69	1.14	0.21	0.27	0.28	0.30	0.33	0.34	0.39
Consumption											
Petroleum Products 8/	38.49	38.11	38.75	39.18	40.52	41.40	42.16	42.94	43.50	44.15	44.90
Natural Gas	23.05	23.37	22.66	23.77	24.14	24.66	25.13	25.77	26.09	26.82	27.40
Coal	22.04	22.18	22.59	22.60	23.18	23.75	24.30	24.53	24.95	25.23	25.44
Nuclear Power	8.03	8.15	7.96	8.13	8.26	8.29	8.30	8.32	8.25	8.29	8.35
Renewable Energy 1/	5.25	5.84	5.98	6.41	6.54	6.67	6.79	6.92	7.04	7.18	7.32
Other 9/	0.08	0.07	0.14	0.10	0.11	0.10	0.09	0.09	0.10	0.11	0.11
Total	96.94	97.72	98.08	100.20	102.75	104.87	106.77	108.56	109.92	111.77	113.52
Net Imports - Petroleum	23.29	22.56	23.52	24.33	24.68	25.38	25.75	26.45	27.16	28.13	29.21
Prices (2002 dollars per unit)											
World Oil Price (dollars per barrel) 10/	22.25	23.68	27.25	23.84	23.30	23.47	23.65	23.83	24.00	24.17	24.37
Natural Gas Wellhead Price (dollars per Mcf) 11/	4.14	2.95	4.90	3.88	3.54	3.48	3.53	3.64	3.47	3.40	3.56
Coal Minemouth Price (dollars per ton)	17.79	17.90	17.79	17.64	17.24	16.99	16.98	17.17	16.93	16.88	16.84
Average Electricity (cents per kilowatthour)	7.4	7.2	7.1	7.0	6.8	6.7	6.6	6.6	6.7	6.6	6.6

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	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Production											
Crude Oil & Lease Condensate	12.10	11.97	11.78	11.71	11.47	11.16	11.14	10.88	10.49	10.25	10.00
Natural Gas Plant Liquids	3.16	3.18	3.18	3.20	3.19	3.24	3.35	3.44	3.47	3.43	3.40
Dry Natural Gas	21.68	21.88	22.01	22.20	22.16	22.58	23.44	24.18	24.43	24.18	24.01
Coal	25.53	25.69	25.87	26.14	26.44	26.77	27.05	27.47	27.92	28.45	29.19
Nuclear Power	8.38	8.41	8.45	8.48	8.50	8.52	8.52	8.53	8.53	8.53	8.53
Renewable Energy 1/	7.45	7.59	7.71	7.84	7.94	8.05	8.15	8.28	8.45	8.58	8.66
Other 2/	0.79	0.77	0.79	0.79	0.79	0.79	0.79	0.77	0.81	0.81	0.82
Total	79.09	79.49	79.78	80.36	80.48	81.12	82.43	83.55	84.09	84.22	84.60
Imports											
Crude Oil 3/	26.72	27.81	28.82	29.37	29.84	30.37	30.54	30.98	31.55	32.32	33.08
Petroleum Products 4/	5.75	5.73	5.74	6.00	6.41	6.76	7.12	7.45	7.83	8.11	8.31
Natural Gas	6.95	7.10	7.25	7.29	7.84	7.87	7.72	7.51	7.56	7.77	8.08
Other Imports 5/	1.00	1.02	1.04	1.06	1.06	1.08	1.09	1.08	1.12	1.13	1.14
Total	40.41	41.65	42.85	43.72	45.14	46.08	46.48	47.01	48.06	49.34	50.61
Exports											
Petroleum 6/	2.14	2.15	2.16	2.18	2.17	2.16	2.16	2.14	2.13	2.14	2.13
Natural Gas	0.91	0.91	0.89	0.90	0.91	0.92	0.92	0.93	0.93	0.92	0.92
Coal	0.80	0.78	0.79	0.80	0.81	0.81	0.82	0.77	0.69	0.68	0.68
Total	3.85	3.84	3.85	3.88	3.88	3.89	3.90	3.84	3.75	3.74	3.73
Discrepancy 7/	0.38	0.40	0.42	0.46	0.46	0.45	0.46	0.47	0.48	0.53	0.54
Consumption											
Petroleum Products 8/	45.82	46.74	47.55	48.26	48.88	49.53	50.13	50.72	51.35	52.06	52.74
Natural Gas	27.87	28.22	28.51	28.74	29.24	29.69	30.39	30.91	31.21	31.18	31.32
Coal	25.65	25.85	26.05	26.32	26.62	26.97	27.27	27.74	28.30	28.88	29.64
Nuclear Power	8.38	8.41	8.45	8.48	8.50	8.52	8.52	8.53	8.53	8.53	8.53
Renewable Energy 1/	7.45	7.59	7.71	7.84	7.94	8.05	8.15	8.28	8.46	8.58	8.66
Other 9/	0.11	0.11	0.10	0.11	0.10	0.09	0.08	0.07	0.07	0.06	0.05
Total	115.28	116.92	118.36	119.75	121.28	122.86	124.55	126.25	127.92	129.29	130.93
Net Imports - Petroleum	30.32	31.39	32.40	33.20	34.07	34.97	35.50	36.28	37.25	38.30	39.25
Prices (2002 dollars per unit)											
World Oil Price (dollars per barrel) 10/	24.53	24.72	24.90	25.07	25.26	25.45	25.64	25.84	26.02	26.21	26.40
Natural Gas Wellhead Price (dollars per Mcf) 11/	3.75	3.93	4.01	4.19	4.22	4.23	4.17	4.13	4.28	4.45	4.42
Coal Minemouth Price (dollars per ton)	16.69	16.59	16.45	16.47	16.19	16.29	16.31	16.16	16.32	16.45	16.56
Average Electricity (cents per kilowatthour)	6.7	6.7	6.8	6.8	6.9	6.8	6.9	6.8	6.9	6.9	6.9

Table 1. Total Energy Supply and Disposition Summary (Quadrillion Btu per Year, Unless Otherwise Noted)

	2023	2024	2025	2002- 2025
Production				
Crude Oil & Lease Condensate	10.08	10.05	9.77	-0.9%
Natural Gas Plant Liquids	3.41	3.46	3.47	1.3%
Dry Natural Gas	24.15	24.53	24.64	1.0%
Coal	30.05	30.53	31.10	1.4%
Nuclear Power	8.53	8.53	8.53	0.2%
Renewable Energy 1/	8.73	8.85	9.00	1.9%
Other 2/	0.83	0.83	0.84	-1.3%
Total	85.77	86.78	87.33	0.9%
Imports				
Crude Oil 3/	33.49	33.71	34.21	2.4%
Petroleum Products 4/	8.49	9.03	9.63	3.1%
Natural Gas	8.10	8.19	8.29	3.1%
Other Imports 5/	1.16	1.17	1.18	3.6%
Total	51.24	52.10	53.30	2.6%
Exports				
Petroleum 6/	2.14	2.15	2.15	0.2%
Natural Gas	0.91	0.89	0.88	2.3%
Coal	0.69	0.68	0.56	-2.6%
Total	3.74	3.73	3.59	0.0%
Discrepancy 7/	0.55	0.55	0.56	N/A
Consumption				
Petroleum Products 8/	53.42	54.19	54.99	1.6%
Natural Gas	31.49	31.98	32.21	1.4%
Coal	30.52	31.03	31.73	1.6%
Nuclear Power	8.53	8.53	8.53	0.2%
Renewable Energy 1/	8.73	8.85	9.00	1.9%
Other 9/	0.04	0.03	0.03	-4.6%
Total	132.73	134.61	136.48	1.5%
Net Imports - Petroleum	39.84	40.59	41.69	2.7%
Prices (2002 dollars per unit)				
World Oil Price (dollars per barrel) 10/	26.60	26.79	27.00	0.6%
Natural Gas Wellhead Price (dollars per Mcf) 11/	4.42	4.42	4.40	1.8%
Coal Minemouth Price (dollars per ton)	16.58	16.65	16.57	-0.3%
Average Electricity (cents per kilowatthour)	6.8	6.9	6.9	-0.2%

Table 1. Total Energy Supply and Disposition Summary (Quadrillion Btu per Year, Unless Otherwise Noted)

1/ Includes grid-connected electricity from conventional hydroelectric; wood and wood waste; landfill gas; municipal solid waste; other biomass; wind; photovoltaic and solar thermal sources; non-electric energy from renewable sources, such as active and passive solar systems, and wood; and both the ethanol and gasoline components of E85, but not the ethanol components of blends less than 85 percent. Excludes electricity imports using renewable sources and nonmarketed renewable energy. See Table A18 for selected nonmarketed residential and commercial renewable energy.

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

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

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

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

6/ Includes crude oil and petroleum products.

7/ Balancing item. Includes unaccounted for supply, losses, gains, net storage withdrawals, heat loss when natural gas is converted to liquid fuel, and heat loss when coal is converted to liquid fuel.

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

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

10/ Average refiner acquisition cost for imported crude oil.

11/ Represents lower 48 onshore and offshore supplies.

Btu = British thermal unit.

Mcf = Thousand cubic feet.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2001 and 2002 are model results and may differ slightly from official EIA data reports.

Sources: 2001 natural gas supply values: Energy Information Administration (EIA), Natural Gas Annual 2001, DOE/EIA-0131(2001) (Washington, DC, February 2003). 2002 natural gas supply values: Natural Gas Monthly, DOE/EIA-0130(2003/06) (Washington, DC, June 2003). 2001 coal minemouth prices: EIA, Annual Coal Report 2001, DOE/EIA-0584(2001) (Washington, DC, March 2003). 2002 coal minemouth prices: EIA, Preliminary Annual Coal Report 2002 Tables, http://www.eia.doe.gov/cneaf/coal/page/acr/tables/acr_html_tabs02.html (September 2003). 2001 petroleum supply values: EIA, Petroleum Supply Annual 2001, DOE/EIA-0340(2001)/1 (Washington, DC, June 2002). 2002 petroleum supply values: EIA, Petroleum Supply Annual 2002, DOE/EIA-0340(2002)/1 (Washington, DC, June 2003). Other 2001 and 2002 values: EIA, Annual Energy Review 2002, DOE/EIA-0384(2002) (Washington, DC, October 2003), and EIA, Quarterly Coal Report, October-December 2002, DOE/EIA-0340(2002/4Q) (Washington, DC, March 2003). Projections: EIA, AEO2004 National Energy Modeling System run AEO2004.D101703E.