

Crude Oil Equivalency Summary

Table D1. Total Energy Supply and Disposition Summary
(Million Barrels per Day Oil Equivalent, Unless Otherwise Noted)

Supply, Disposition, and Prices	Reference Case						Annual Growth 2002-2025 (percent)
	2001	2002	2010	2015	2020	2025	
Production							
Crude Oil and Lease Condensate	5.74	5.62	5.93	5.53	4.95	4.61	-0.9%
Natural Gas Plant Liquids	1.20	1.21	1.46	1.51	1.64	1.64	1.3%
Dry Natural Gas	9.56	9.24	9.94	10.49	11.51	11.64	1.0%
Coal	11.32	10.72	11.93	12.35	13.15	14.69	1.4%
Nuclear Power	3.79	3.85	3.92	4.01	4.02	4.03	0.2%
Renewable Energy ¹	2.48	2.76	3.39	3.70	3.98	4.25	1.9%
Other ²	0.25	0.54	0.41	0.37	0.38	0.39	-1.3%
Total	34.35	33.94	36.99	37.96	39.63	41.25	0.9%
Imports							
Crude Oil ³	9.33	9.14	11.29	13.53	14.53	15.76	2.4%
Petroleum Products ⁴	2.38	2.24	2.72	2.84	3.70	4.55	3.1%
Natural Gas	1.92	1.93	3.09	3.44	3.56	3.92	3.1%
Other Imports ⁵	0.28	0.25	0.45	0.50	0.53	0.56	3.6%
Total	13.91	13.57	17.55	20.31	22.32	24.78	2.7%
Exports							
Petroleum ⁶	0.95	0.96	1.01	1.03	1.00	1.01	0.2%
Natural Gas	0.18	0.25	0.43	0.43	0.44	0.41	2.3%
Coal	0.60	0.49	0.42	0.38	0.33	0.27	-2.6%
Total	1.72	1.69	1.86	1.83	1.77	1.69	0.0%
Discrepancy⁷	-0.76	0.33	0.12	0.13	0.07	0.13	N/A
Consumption							
Petroleum Products ⁸	18.18	18.00	20.85	22.80	24.19	25.98	1.6%
Natural Gas	10.89	11.04	12.67	13.58	14.70	15.22	1.4%
Coal	10.40	10.47	11.91	12.43	13.33	14.98	1.6%
Nuclear Power	3.79	3.85	3.92	4.01	4.02	4.03	0.2%
Renewable Energy ¹	2.48	2.76	3.39	3.70	3.98	4.25	1.9%
Other ⁹	0.04	0.04	0.05	0.05	0.03	0.01	-4.6%
Total	45.78	46.15	52.79	56.56	60.26	64.47	1.5%
Net Imports - Petroleum	11.00	10.66	13.29	15.68	17.55	19.69	2.7%
Prices (2002 dollars per unit)							
World Oil Price (dollars per barrel) ¹⁰	22.25	23.68	24.17	25.07	26.02	27.00	0.6%
Natural Gas Wellhead Price (dollars per thousand cubic feet) ¹¹	4.14	2.95	3.40	4.19	4.28	4.40	1.8%
Coal Minemouth Price (dollars per ton)	17.79	17.90	16.88	16.47	16.32	16.57	-0.3%
Average Electricity Price (cents per kilowatthour)	7.4	7.2	6.6	6.8	6.9	6.9	-0.2%

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

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

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

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

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

⁶Includes crude oil and petroleum products.

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

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

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

¹⁰Average refiner acquisition cost for imported crude oil.

¹¹Represents lower 48 onshore and offshore supplies.

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: EIA, *Natural Gas Monthly*, DOE/EIA-0130(2003/06) (Washington, DC, June 2003). 2001 coal minemouth prices: EIA, *Annual Coal Report 2002*, DOE/EIA-0584(2002) (Washington, DC, November 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 2001*, DOE/EIA-0384(2001) (Washington, DC, October 2002) and EIA, *Quarterly Coal Report, October-December 2002*, DOE/EIA-0121(2002/4Q) (Washington, DC, March 2003).

Projections: EIA, AEO2004 National Energy Modeling System run AEO2004.D101703E.

Crude Oil Equivalency Summary

Table D2. Total Energy Supply and Disposition Summary
(Million Tons of Oil Equivalent, Unless Otherwise Noted)

Supply, Disposition, and Prices	Reference Case						Annual Growth 2002-2025 (percent)
	2001	2002	2010	2015	2020	2025	
Production							
Crude Oil and Lease Condensate	306.38	300.06	316.51	295.00	264.29	246.16	-0.9%
Natural Gas Plant Liquids	64.17	64.55	78.01	80.71	87.35	87.45	1.3%
Dry Natural Gas	509.91	492.97	530.43	559.54	615.72	620.86	1.0%
Coal	604.04	572.04	636.20	658.80	703.48	783.64	1.4%
Nuclear Power	202.31	205.26	209.02	213.66	214.85	214.85	0.2%
Renewable Energy ¹	132.33	147.07	180.90	197.50	213.05	226.72	1.9%
Other ²	13.46	28.59	22.11	19.89	20.33	21.05	-1.3%
Total	1832.60	1810.54	1973.19	2025.11	2119.08	2200.73	0.9%
Imports							
Crude Oil ³	510.44	500.05	617.72	740.12	795.03	861.97	2.4%
Petroleum Products ⁴	127.02	119.73	145.14	151.30	197.31	242.60	3.1%
Natural Gas	102.42	103.21	164.87	183.71	190.52	208.93	3.1%
Other Imports ⁵	14.97	13.20	23.91	26.66	28.21	29.69	3.6%
Total	754.85	736.19	951.63	1101.79	1211.07	1343.19	2.6%
Exports							
Petroleum ⁶	50.55	51.16	54.06	54.85	53.58	54.08	0.2%
Natural Gas	9.46	13.09	22.91	22.76	23.44	22.11	2.3%
Coal	31.88	26.01	22.52	20.16	17.40	14.23	-2.6%
Total	91.89	90.25	99.49	97.77	94.42	90.42	0.0%
Discrepancy⁷	52.60	-5.99	8.65	11.51	12.16	14.11	N/A
Consumption							
Petroleum Products ⁸	970.06	960.37	1112.48	1216.12	1294.03	1385.85	1.6%
Natural Gas	580.98	588.84	675.90	724.23	786.55	811.77	1.4%
Coal	555.38	559.03	635.72	663.34	713.24	799.53	1.6%
Nuclear Power	202.31	205.26	209.02	213.66	214.85	214.85	0.2%
Renewable Energy ¹	132.34	147.08	180.92	197.52	213.08	226.75	1.9%
Other ⁹	1.89	1.89	2.65	2.75	1.83	0.65	-4.6%
Total	2442.96	2462.47	2816.69	3017.61	3223.57	3439.39	1.5%
Net Imports - Petroleum	586.91	568.62	708.80	836.56	938.76	1050.49	2.7%
Prices (2002 dollars per unit)							
World Oil Price (dollars per barrel) ¹⁰	22.25	23.68	24.17	25.07	26.02	27.00	0.6%
Natural Gas Wellhead Price (dollars per thousand cubic feet) ¹¹	4.14	2.95	3.40	4.19	4.28	4.40	1.8%
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