**Table A1.** Total energy supply, disposition, and price summary (quadrillion Btu per year, unless otherwise noted)

Supply, Disposition, and Prices	Reference Case							
	2008	2009	2015	2020	2025	2030	2035	Growth 2009-2035 (percent)
Production								
Crude Oil and Lease Condensate	10.51	11.34	12.51	13.07	12.64	12.49	12.80	0.5%
Natural Gas Plant Liquids	2.41	2.57	2.86	3.06	3.55	3.71	3.92	1.6%
Dry Natural Gas	20.83	21.50	23.01	24.04	24.60	25.75	27.00	0.9%
Coal <sup>1</sup>	23.85	21.58	20.94	22.05	23.64	24.77	26.01	0.7%
Nuclear Power	8.43	8.35	8.77	9.17	9.17	9.17	9.14	0.3%
Hydropower	2.53	2.69	2.92	3.00	3.04	3.07	3.09	0.5%
Biomass <sup>2</sup>	3.94	3.52	4.70	5.77	7.20	8.15	8.63	3.5%
Other Renewable Energy <sup>3</sup>	1.12	1.29	2.14	2.30	2.58	2.97	3.22	3.6%
Other <sup>4</sup>	0.19	0.34	0.78	0.96	0.88	0.81	0.78	3.2%
Total	73.80	73.18	78.63	83.42	87.29	90.88	94.59	1.0%
Imports								
Crude Oil	21.39	19.70	19.25	18.46	18.35	18.30	18.44	-0.3%
Liquid Fuels and Other Petroleum <sup>5</sup>	6.32	5.40	5.33	5.34	5.18	5.26	5.33	-0.1%
Natural Gas	4.08	3.82	4.01	3.80	3.20	3.07	2.87	-1.1%
Other Imports <sup>6</sup>	0.96	0.61	0.82	0.98	1.39	1.30	1.27	2.9%
Total	32.76	29.53	29.41	28.57	28.13	27.93	27.92	-0.2%
Exports								
Petroleum <sup>7</sup>	3.78	4.17	3.27	3.54	3.62	3.75	3.92	-0.2%
Natural Gas	1.01	1.09	1.24	1.82	2.07	2.24	2.64	3.5%
Coal	2.07	1.51	1.76	1.92	1.89	1.86	1.78	0.6%
Total	6.86	6.77	6.27	7.28	7.58	7.85	8.34	0.8%
Discrepancy <sup>8</sup>	-0.44	1.16	-0.24	-0.21	-0.12	-0.07	-0.02	
Consumption								
Liquid Fuels and Other Petroleum9	38.46	36.62	39.10	39.38	39.84	40.55	41.70	0.5%
Natural Gas	23.85	23.31	25.77	26.00	25.73	26.58	27.24	0.6%
Coal <sup>10</sup>	22.38	19.69	19.73	20.85	22.61	23.39	24.30	0.8%
Nuclear Power	8.43	8.35	8.77	9.17	9.17	9.17	9.14	0.3%
Hydropower	2.53	2.69	2.92	3.00	3.04	3.07	3.09	0.5%
Biomass <sup>11</sup>	3.07	2.52	3.27	3.93	4.71	5.05	5.25	2.9%
Other Renewable Energy <sup>3</sup>	1.12	1.29	2.14	2.30	2.58	2.97	3.22	3.6%
Other <sup>12</sup>	0.31	0.32	0.31	0.29	0.27	0.24	0.25	-0.9%
Total	100.14	94.79	102.02	104.92	107.95	111.03	114.19	0.7%
Prices (2009 dollars per unit)								
Petroleum (dollars per barrel)								
Imported Low Sulfur Light Crude Oil Price <sup>13</sup>	100.51	61.66	94.58	108.10	117.54	123.09	124.94	2.8%
Imported Crude Oil Price <sup>13</sup>	93.44	59.04	86.83	98.65	107.40	112.38	113.70	2.6%
Natural Gas (dollars per million Btu)								
Price at Henry Hub	8.94	3.95	4.66	5.05	5.97	6.40	7.07	2.3%
Wellhead Price <sup>14</sup>	7.96	3.62	4.13	4.47	5.29	5.66	6.26	2.1%
Natural Gas (dollars per thousand cubic feet)								
Wellhead Price <sup>14</sup>	8.18	3.71	4.24	4.59	5.43	5.81	6.42	2.1%
Coal (dollars per ton)	04.5	00.00	00.00	00.05	00.00	00.05	00.00	6 404
Minemouth Price <sup>15</sup>	31.54	33.26	32.36	32.85	33.22	33.25	33.92	0.1%
Coal (dollars per million Btu)			4.0-	4.0-	4.0-	4.0-		0.051
Minemouth Price <sup>15</sup>	1.56	1.67	1.62	1.65	1.68	1.69	1.73	0.2%
Average Delivered Price <sup>16</sup>	2.18	2.31	2.26	2.30	2.36	2.42	2.47	0.3%
Average Electricity Price (cents per kilowatthour)	9.8	9.8	8.9	8.8	8.9	9.0	9.2	-0.2%

Total energy supply, disposition, and price summary (continued) Table A1. (quadrillion Btu per year, unless otherwise noted)

Supply, Disposition, and Prices	Reference Case							Annual Growth
	2008	2009	2015	2020	2025	2030	2035	2009-2035 (percent)
Prices (nominal dollars per unit) Petroleum (dollars per barrel)								
Imported Low Sulfur Light Crude Oil Price <sup>13</sup>	99.57	61.66	103.24	130.60	155.46	178.45	199.37	4.6%
Imported Crude Oil Price <sup>13</sup>	92.57	59.04	94.78	119.18	142.05	162.92	181.43	4.4%
Natural Gas (dollars per million Btu)								
Price at Henry Hub	8.86	3.95	5.09	6.10	7.90	9.28	11.28	4.1%
Wellhead Price <sup>14</sup>	7.89	3.62	4.51	5.40	6.99	8.21	9.99	4.0%
Natural Gas (dollars per thousand cubic feet)								
Wellhead Price <sup>14</sup>	8.10	3.71	4.63	5.55	7.18	8.43	10.24	4.0%
Coal (dollars per ton)								
Minemouth Price <sup>15</sup>	31.25	33.26	35.32	39.69	43.93	48.21	54.13	1.9%
Coal (dollars per million Btu)								
Minemouth Price <sup>15</sup>	1.55	1.67	1.77	1.99	2.22	2.45	2.76	2.0%
Average Delivered Price <sup>16</sup>	2.16	2.31	2.47	2.78	3.12	3.50	3.95	2.1%
Average Electricity Price (cents per kilowatthour)	9.7	9.8	9.7	10.7	11.8	13.0	14.7	1.6%

<sup>&</sup>lt;sup>1</sup>Includes waste coal.

Btu = British thermal unit.

Note: Totals may not equal sum of components due to independent rounding. Data for 2008 and 2009 are model results and may differ slightly from official EIA data reports.

Sources: 2008 natural gas supply values: U.S. Energy Information Administration (EIA), Natural Gas Annual 2008, DOE/EIA-0131(2008) (Washington, DC, March 2010). 2009 natural gas supply values and natural gas wellhead price: EIA, Natural Gas Monthly, DOE/EIA-0130(2010/07) (Washington, DC, July 2010). 2008 natural gas wellhead price: Bureau of Energy Management, Regulation and Enforcement; and EIA, Natural Gas Annual 2008, DOE/EIA-0131(2008) (Washington, DC, March 2010). 2008 and 2009 coal minemouth and delivered coal prices: EIA, Annual Coal Report 2009, DOE/EIA-0584(2009) (Washington, DC, October 2010). 2009 petroleum supply values and 2008 crude oil and lease condensate production: EIA, Petroleum Supply Annual 2009, DOE/EIA-0340(2009)/1 (Washington, DC, July 2010). Other 2008 petroleum supply values: EIA, Petroleum Supply Annual 2008, DOE/EIA-0340(2008)/1 (Washington, DC, June 2009). 2008 and 2009 low sulfur light crude oil price: EIA, Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report." Other 2008 and 2009 coal values: Quarterly Coal Report, October-December 2009, DOE/EIA-0121(2009/4Q) (Washington, DC, April 2010). Other 2008 and 2009 values: EIA, Annual Energy Review 2009, DOE/EIA-0384(2009) (Washington, DC, August 2010). Projections: EIA, AEO2011 National Energy Modeling System run REF2011.D020911A.

<sup>&</sup>lt;sup>2</sup>Includes grid-connected electricity from wood and wood waste; biomass, such as corn, used for liquid fuels production; and non-electric energy demand from wood. Refer to Table A17 for details.

<sup>&</sup>lt;sup>3</sup>Includes grid-connected electricity from landfill gas; biogenic municipal 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 A17 for selected nonmarketed residential and commercial renewable energy

<sup>&</sup>lt;sup>4</sup>Includes non-biogenic municipal waste, liquid hydrogen, methanol, and some domestic inputs to refineries.
<sup>5</sup>Includes imports of finished petroleum products, unfinished oils, alcohols, ethers, blending components, and renewable fuels such as ethanol.

<sup>&</sup>lt;sup>6</sup>Includes coal, coal coke (net), and electricity (net).

<sup>&</sup>lt;sup>7</sup>Includes crude oil and petroleum products.

<sup>&</sup>lt;sup>8</sup>Balancing item. Includes unaccounted for supply, losses, gains, and net storage withdrawals.

<sup>&</sup>lt;sup>9</sup>Includes petroleum-derived fuels and non-petroleum derived fuels, such as ethanol and biodiesel, and coal-based synthetic liquids. Petroleum coke, which is a solid, is included. Also included are natural gas plant liquids and crude oil consumed as a fuel. Refer to Table A17 for detailed renewable liquid fuels consumption.

<sup>10</sup>Excludes coal converted to coal-based synthetic liquids and natural gas.

<sup>11</sup>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 non-biogenic municipal waste and net electricity imports.

<sup>&</sup>lt;sup>13</sup>Weighted average price delivered to U.S. refiners.

<sup>&</sup>lt;sup>14</sup>Represents lower 48 onshore and offshore supplies

<sup>&</sup>lt;sup>15</sup>Includes reported prices for both open market and captive mines.

<sup>16</sup>Prices weighted by consumption; weighted average excludes residential and commercial prices, and export free-alongside-ship (f.a.s.) prices.

 <sup>- =</sup> Not applicable.