



From 2011 AEO Early Release reference case at <http://www.eia.gov/forecasts/archive/aeo11/er/>

Energy Prices by Sector and Source, United States, Early release reference (2009 dollars per million Btu, unless otherwise noted)

Table with 28 columns (years 2008-2035) and 1 column (Growth Rate 2009-2035). Rows are categorized by Sector and Source: Residential, Commercial, Industrial 1/, Transportation, Electric Power 9/, and Average Price to All Users 10/.

Non-Renewable Energy Expenditures by Sector (billion 2009 dollars)

Table with 28 columns and 7 rows showing expenditures for Residential, Commercial, Industrial, Transportation, Total Non-Renewable Expenditures, Transportation Renewable Expenditures, and Total Expenditures.

Prices in Nominal Dollars

Table with 28 columns and 4 rows showing prices for Residential: Liquefied Petroleum Gases, Distillate Fuel Oil, Natural Gas, and Electricity.

Commercial

Table with 28 columns and 4 rows showing prices for Commercial: Liquefied Petroleum Gases, Distillate Fuel Oil, Natural Gas, and Electricity.

Industrial 1/

Table with 28 columns and 8 rows showing prices for Industrial 1/: Liquefied Petroleum Gases, Distillate Fuel Oil, Residual Fuel Oil, Natural Gas 2/, Metallurgical Coal, Other Industrial Coal, Coal to Liquids, and Electricity.

Transportation

Table with 28 columns and 8 rows showing prices for Transportation: Liquefied Petroleum Gases 3/ E85 4/, Motor Gasoline 5/, Jet Fuel 6/, Diesel Fuel (distillate fuel oil) 7/, Residual Fuel Oil, Natural Gas 8/, and Electricity.

Electric Power 9/

Table with 28 columns and 4 rows showing prices for Electric Power 9/: Distillate Fuel Oil, Residual Fuel Oil, Natural Gas, and Steam Coal.

Average Price to All Users 10/

Table with 28 columns and 8 rows showing average prices for: Liquefied Petroleum Gases, E85 4/, Motor Gasoline 5/, Jet Fuel, Distillate Fuel Oil, Residual Fuel Oil, Natural Gas, and Metallurgical Coal.

Other Coal	2.1	2.25	2.32	2.32	2.28	2.28	2.3	2.38	2.43	2.5	2.55	2.6	2.67	2.72	2.79	2.87	2.94	3.02	3.1	3.18	3.25	3.34	3.41	3.5	3.59	3.68	3.78	3.88	2.10%
Coal to Liquids	0	0	0	0	0	0	0	1.97	2.03	2.1	2.17	2.24	2.31	2.32	2.39	2.42	2.51	2.4	2.42	2.62	2.73	2.85	2.89	2.95	3.06	3.16	3.26	3.37	--
Electricity	28.38	28.69	28.33	27.18	27.45	27.73	28.18	28.73	29.22	29.76	30.3	30.85	31.44	31.98	32.59	33.25	33.91	34.62	35.33	36.01	36.76	37.56	38.22	39.06	39.96	40.96	42.07	43.09	1.60%
Non-																													
Renewable Energy Expenditures by Sector																													
(billion nominal dollars)																													
Residential	253.79	238.63	250.16	229.56	233.01	236.22	240.13	245.36	251.63	258.01	265.15	272.29	280.23	287.25	295.28	303.72	312.93	321.56	330.81	340.3	350.66	359.88	369.04	379.73	391.62	402.66	415.56	428.36	2.30%
Commercial	190.06	174.64	171.99	173.41	173.99	177	181.03	187.38	193.62	200.35	207.42	214.53	222.07	229.36	237.07	245.5	254.03	263.03	271.9	280.74	290.12	300.19	309.47	320.24	331.78	343.94	357.23	370.32	2.90%
Industrial	247.18	179.25	196.05	219.2	209.57	224.61	234.51	246.32	256.26	266	275.88	285.63	296.51	305.87	315.19	324.75	333.97	342.77	350.19	357.59	364.34	372.63	379.22	387.62	395.14	403.17	411.28	419.57	3.30%
Transportation	710.71	474.91	559.8	601.27	614.99	660.76	693.47	726.25	760.58	795.64	826.35	859.78	891.01	916.31	941.39	967.21	995.91	1028.77	1060.66	1096.3	1124.79	1162.73	1185.76	1220.24	1258.33	1295.54	1337.9	1384.07	4.20%
Total Non-Renewable Expenditures	1401.74	1067.44	1178	1223.45	1231.55	1298.6	1349.14	1405.3	1462.09	1520	1574.8	1632.24	1689.82	1738.78	1788.94	1841.18	1896.84	1956.13	2013.56	2074.94	2129.91	2195.42	2243.5	2307.84	2376.87	2445.3	2521.98	2602.32	3.50%
Transportation Renewable Expenditures	0.04	0.06	0.07	0.08	0.14	0.17	0.21	0.25	0.84	3.09	5.89	8.15	11.05	7.89	15.68	22.85	29.87	34.44	36.32	40.63	42.8	52.44	53.09	56.02	54.95	57.38	57.81	59.3	30.50%
Total Expenditures	1401.78	1067.5	1178.07	1223.53	1231.69	1298.77	1349.35	1405.55	1462.93	1523.09	1580.69	1640.39	1700.87	1746.68	1804.62	1864.03	1926.71	1990.56	2049.88	2115.56	2172.71	2247.86	2296.59	2363.86	2431.82	2502.68	2579.79	2661.62	3.60%

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 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.

-- = Not applicable.

Note: Data for 2008 and 2009 are model results and may differ slightly from official EIA data reports.

Sources: 2008 and 2009 prices for motor gasoline, distillate fuel oil, and jet fuel are based on prices

in the U.S. Energy Information Administration (EIA), Petroleum Marketing Annual

2009, DOE/EIA-0487(2009) (Washington, DC, August 2010).

2008 residential and commercial natural gas delivered prices: EIA,

Natural Gas Annual 2008, DOE/EIA-0131(2008) (Washington, DC, March 2010). 2009 residential and commercial natural gas

delivered prices: EIA, Natural Gas Monthly, DOE/EIA-0130(2010/07) (Washington, DC, July 2010).

2008 and 2009

industrial natural gas delivered prices are estimated based on: EIA, Manufacturing Energy Consumption Survey and

industrial and wellhead prices from the Natural Gas Annual 2008, DOE/EIA-0131(2008) (Washington, DC, March 2010)

and the Natural Gas Monthly, DOE/EIA-0130(2010/07) (Washington, DC, July 2010).

2008 transportation sector natural gas delivered prices are based on: EIA, Natural Gas Annual

2008, DOE/EIA-0131(2008) (Washington, DC, March 2010) and estimated State taxes, Federal taxes, and dispensing costs or charges.

2009 transportation sector natural gas delivered prices are model results.

2008 and 2009 electric power prices based on: EIA, Monthly Energy Review, DOE/EIA-0035(2010/09)

(Washington, DC, September 2010). 2008 and 2009 E85 prices

2008 and 2009 electric power sector natural gas prices: EIA, Electric Power Monthly,

April 2009 and April 2010, Table 4.2.

2008 and 2009 coal prices based on: EIA, Quarterly Coal Report.

October-December 2009, DOE/EIA-0121(2009/4Q) (Washington, DC, April 2010) and EIA, AEO2011 National Energy Modeling System.

2008 and 2009 electricity prices: EIA, Annual Energy Review

2009, DOE/EIA-0384(2009) (Washington, DC, August 2010).

2008 and 2009 E85 prices derived from monthly prices in the Clean Cities

Alternative Fuel Price Report. Projections: EIA, AEO2011 National Energy Modeling System.