

Table 1. AEO Reference Case Projection Results

Variable	Average Absolute Percent Differences	Percent of Projections Over- Estimated
Gross Domestic Product		
Real Gross Domestic Product (Average Cumulative Growth)* (Table 2)	0.9	40.4
Petroleum		
Imported Refiner Acquisition Cost of Crude Oil (Constant \$) (Table 3a)	33.3	20.5
Imported Refiner Acquisition Cost of Crude Oil (Nominal \$) (Table 3b)	32.8	21.6
Total Petroleum Consumption (Table 4)	5.2	63.7
Crude Oil Production (Table 5)	6.2	62.0
Petroleum Net Imports (Table 6)	9.9	63.7
Natural Gas		
Natural Gas Wellhead Prices (Constant \$) (Table 7a)	31.4	24.0
Natural Gas Wellhead Prices (Nominal \$) (Table 7b)	30.9	26.3
Total Natural Gas Consumption (Table 8)	7.5	69.6
Natural Gas Production (Table 9)	7.0	70.8
Natural Gas Net Imports (Table 10)	21.3	67.3
Coal		
Coal Prices to Electric Generating Plants (Constant \$)** (Table 11a)	17.6	43.3
Coal Prices to Electric Generating Plants (Nominal \$)** (Table 11b)	20.2	47.4
Total Coal Consumption (Table 12)	6.5	55.6
Coal Production (Table 13)	5.1	60.2
Electricity		
Average Electricity Prices (Constant \$) (Table 14a)	9.6	40.9
Average Electricity Prices (Nominal \$) (Table 14b)	12.4	45.6
Total Electricity Sales (Table 15)	4.0	42.1
Total Energy, Carbon and Intensity		
Total Energy Consumption (Table 16)	5.0	76.0
Delivered Residential Energy Consumption (Table 17)	4.0	66.1
Delivered Commercial Energy Consumption (Table 18)	5.9	37.4
Delivered Industrial Energy Consumption (Table 19)	10.6	88.3
Delivered Transportation Energy Consumption (Table 20)	5.4	76.0
Total Energy Related Carbon Dioxide Emissions (Table 21)	5.5	57.3
Energy Intensity (Energy Consumption / Real \$ GDP) (Table 22)	10.5	96.5

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Source: These statistics summarize the calculations in Tables 2 through 22. The data in Tables 2 through 22 are based on the 1994 through 2011 *Annual Energy Outlook* Reference case projections. Historical data are taken from the *Annual Energy Review 2010*, DOE/EIA-0384(2010) (Washington, DC, October 2011) and the *Monthly Energy Review October 2011*, DOE/EIA-0035(2011/10) (Washington, DC, October 27, 2011).

* The basis for GDP comparison is the projection differences in the cumulative average growth rate of real GDP from the first year shown for each AEO. The summary information for projection differences given for GDP growth rates is absolute percentage point differences; for all other AEO concepts, the comparison basis is absolute percent differences.

** Coal prices to electric generating plants are from the *Monthly Energy Review*. Beginning in AEO2003, EIA electric generating projections incorporated combined heat and power (CHP) electricity generation in electricity generating plants. Prior to AEO2003, coal price projections reflected data collected, estimated, and reported to electric utilities and excluded CHP power generation.