

Table 2. Comparison of Absolute Percent Difference Between AEO Reference Case Projections and Realized Outcomes

Variable	Average Absolute Percent Difference					
	AEO82 to AEO2001	AEO82 to AEO2002	AEO82 to AEO2003	AEO82 to AEO2004	AEO82 to AEO2005	AEO82 to AEO2006
Gross Domestic Product						
Gross Domestic Product	5.9	5.8	5.6	5.5	5.4	5.5
Petroleum						
World Oil Prices	65.5	62.4	59.3	56.4	54.1	52.9
Total Petroleum Consumption	3.1	3.0	3.0	2.9	2.9	2.9
Crude Oil Production	4.5	4.5	4.6	4.6	4.7	4.9
Petroleum Net Imports	7.7	7.3	7.1	6.8	6.6	6.4
Natural Gas						
Natural Gas Wellhead Prices	78.6	74.3	70.4	67.5	64.9	63.5
Total Natural Gas Consumption	7.1	6.7	6.4	6.4	6.4	6.7
Natural Gas Production	4.6	4.4	4.5	4.6	4.9	5.5
Natural Gas Net Imports	16.1	15.8	15.4	15.2	14.9	14.8
Coal						
Coal Prices to Electric Generating Plants*	49.8	49.1	48.4	47.7	47.0	46.7
Total Coal Consumption	3.5	3.6	3.7	3.9	3.9	4.0
Coal Production	3.6	3.6	3.7	3.9	4.0	4.2
Electricity						
Average Electricity Prices	20.1	19.8	19.6	19.6	19.5	19.8
Total Electricity Sales	2.3	2.3	2.3	2.4	2.4	2.5
Total Energy, Carbon and Intensity						
Total Energy Consumption	2.1	2.1	2.1	2.1	2.1	2.2
Total Carbon Dioxide Emissions	3.4	3.3	3.2	3.1	3.0	3.1
Energy Intensity	6.0	6.0	5.8	5.7	5.6	5.8
<i>AEO - Annual Energy Outlook</i>						
Source: Statistics in Table 2 are a summary of the calculations in Tables 3 through 19. The data in Tables 3 through 19 are based on the 1982 through 2005 <i>Annual Energy Outlook</i> projections. Historical data are taken from the <i>Annual Energy Review 2005</i> , DOE/EIA-0384(2005) (Washington, DC, July 2006) and the <i>Monthly Energy Review July 2006</i> , DOE/EIA-0035(2006/07) (Washington, DC, July 2006).						
Note: Projections of carbon dioxide emissions began in AEO93 and were first evaluated in 2000. Evaluation of energy intensity projections began in 2003. Revisions to historical data are reflected in this edition.						
*Coal prices to electric generating plants are from the <i>Monthly Energy Review</i> . 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.						