

## Annual Energy Outlook Retrospective Review: Evaluation of Projections in Past Editions (1982-2008)

**Table 1. Summary of Differences between AEO Reference Cases and Realized Outcomes**

	All AEOs		NEMS AEOs	
	Percent Over- Estimated	Absolute Percent Difference	Percent Over- Estimated	Absolute Percent Difference
Table 3. Gross Domestic Product, Actual vs. Projected	30%	1.0%	36%	0.9%
Table 4. World Oil Prices, Actual vs. Projected	59%	50.9%	28%	27.1%
Table 5. Total Petroleum Consumption, Actual vs. Projected	36%	2.9%	51%	2.1%
Table 6. Domestic Crude Oil Production, Actual vs. Projected	56%	5.4%	60%	5.9%
Table 7. Petroleum Net Imports, Actual vs. Projected	49%	6.0%	52%	3.6%
Table 8. Natural Gas Wellhead Prices, Actual vs. Projected	56%	59.1%	21%	31.2%
Table 9. Total Natural Gas Consumption, Actual vs. Projected	44%	7.0%	67%	6.8%
Table 10. Natural Gas Production, Actual vs. Projected	57%	6.2%	75%	7.0%
Table 11. Natural Gas Net Imports, Actual vs. Projected	36%	14.3%	54%	9.8%
Table 12. Coal Prices to Electric Generating Plants, Actual vs. Projected	81%	44.5%	62%	18.0%
Table 13. Total Coal Consumption, Actual vs. Projected	42%	4.1%	43%	4.8%
Table 14. Coal Production, Actual vs. Projected	64%	4.1%	51%	3.8%
Table 15. Average Electricity Prices, Actual vs. Projected	77%	19.6%	54%	11.0%
Table 16. Total Electricity Sales, Actual vs. Projected	36%	2.6%	32%	3.3%
Table 17. Total Energy Consumption, Actual vs. Projected	50%	2.5%	60%	2.7%
Table 18. Residential Consumption, Actual vs. Projected	56%	3.2%	55%	3.5%
Table 19. Commercial Consumption, Actual vs. Projected	34%	4.3%	31%	5.7%
Table 20. Industrial Consumption, Actual vs. Projected	70%	5.1%	85%	6.1%
Table 21. Transportation Consumption, Actual vs. Projected	33%	4.4%	59%	3.0%
Table 22. Total Carbon Dioxide Emissions, Actual vs. Projected	32%	3.4%	36%	3.3%
Table 23. Energy Intensity, Actual vs. Projected	70%	5.9%	93%	5.5%

Note: The basis for the GDP comparisons has been changed from nominal GDP levels to growth rates in real GDP. Thus the Table 3 summary statistics are on a different basis than published in previous year's evaluations. The differences for Table 3 are now percentage point differences, not percentage differences. For example if projected real GDP growth was 4 percent, but actual real GDP growth was 3 percent, this difference is presented as a 1 percentage point difference, not a 33 percent difference, which would happen if comparisons between historical and projected growth rates were based in percentage differences.