

Table 12. Coal Prices to Electric Generating Plants, Projected vs. Actual

(current dollars per million Btu)

| | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| AEO 1982 | 2.03 | 2.17 | 2.33 | 2.52 | 2.73 | 2.99 | | | | | | | | | | | | | | | | | | |
| AEO 1983 | 1.99 | 2.10 | 2.24 | 2.39 | 2.57 | 2.76 | | | | | 4.29 | | | | | | | | | | | | | |
| AEO 1984 | 1.90 | 2.01 | 2.13 | 2.28 | 2.44 | 2.61 | | | | | 3.79 | | | | | | | | | | | | | |
| AEO 1985 | 1.68 | 1.76 | 1.86 | 1.95 | 2.05 | 2.19 | 2.32 | 2.49 | 2.66 | 2.83 | 3.03 | | | | | | | | | | | | | |
| AEO 1986 | | 1.61 | | 1.75 | 1.83 | 1.93 | 2.05 | 2.19 | 2.35 | 2.54 | 2.73 | 2.92 | 3.10 | 3.31 | 3.49 | 3.68 | | | | | | | | |
| AEO 1987 | | | 1.52 | 1.55 | 1.65 | 1.75 | 1.84 | 1.96 | 2.11 | 2.27 | 2.44 | | | | | 3.55 | | | | | | | | |
| AEO 1989* | | | | 1.50 | 1.51 | 1.68 | 1.77 | 1.88 | 2.00 | 2.13 | 2.26 | 2.40 | 2.55 | 2.70 | 2.86 | 3.00 | | | | | | | | |
| AEO 1990 | | | | | 1.46 | 1.53 | | | | | 2.07 | | | | | 2.76 | | | | | | | | |
| AEO 1991 | | | | | | 1.51 | 1.58 | 1.66 | 1.77 | 1.88 | 1.96 | 2.06 | 2.16 | 2.28 | 2.41 | 2.57 | 2.70 | 2.85 | 3.04 | 3.26 | 3.46 | 3.65 | 3.87 | |
| AEO 1992 | | | | | | | 1.54 | 1.61 | 1.66 | 1.75 | 1.85 | 1.97 | 2.03 | 2.14 | 2.26 | 2.44 | 2.55 | 2.69 | 2.83 | 3.00 | 3.20 | 3.40 | 3.58 | |
| AEO 1993 | | | | | | | | 1.92 | 1.54 | 1.61 | 1.70 | 1.77 | 1.87 | 1.96 | 2.07 | 2.22 | 2.35 | 2.46 | 2.60 | 2.74 | 2.89 | 3.09 | 3.26 | |
| AEO 1994 | | | | | | | | | 1.50 | 1.55 | 1.64 | 1.73 | 1.78 | 1.82 | 1.92 | 2.01 | 2.13 | 2.22 | 2.30 | 2.41 | 2.46 | 2.64 | 2.78 | |
| AEO 1995 | | | | | | | | | | 1.42 | 1.46 | 1.49 | 1.55 | 1.59 | 1.62 | 1.67 | 1.76 | 1.80 | 1.89 | 1.97 | 2.05 | 2.13 | 2.21 | |
| AEO 1996 | | | | | | | | | | | 1.35 | 1.37 | 1.39 | 1.42 | 1.46 | 1.50 | 1.56 | 1.62 | 1.67 | 1.75 | 1.80 | 1.87 | 1.87 | |
| AEO 1997 | | | | | | | | | | | | 1.36 | 1.38 | 1.40 | 1.44 | 1.46 | 1.51 | 1.54 | 1.55 | 1.58 | 1.62 | 1.70 | 1.74 | |
| AEO 1998 | | | | | | | | | | | | | 1.28 | 1.28 | 1.30 | 1.32 | 1.34 | 1.36 | 1.37 | 1.39 | 1.42 | 1.45 | 1.47 | |
| AEO 1999 | | | | | | | | | | | | | | 1.24 | 1.25 | 1.27 | 1.29 | 1.31 | 1.32 | 1.33 | 1.33 | 1.35 | 1.36 | |
| AEO 2000 | | | | | | | | | | | | | | | 1.28 | 1.27 | 1.24 | 1.24 | 1.24 | 1.25 | 1.26 | 1.28 | 1.30 | 1.30 |
| AEO 2001 | | | | | | | | | | | | | | | | 1.22 | 1.24 | 1.25 | 1.26 | 1.28 | 1.29 | 1.30 | 1.30 | 1.30 |
| AEO 2002 | | | | | | | | | | | | | | | | | 1.22 | 1.21 | 1.23 | 1.27 | 1.27 | 1.28 | 1.29 | 1.29 |
| AEO 2003 | | | | | | | | | | | | | | | | | | 1.23 | 1.27 | 1.30 | 1.34 | 1.35 | 1.36 | 1.36 |
| AEO 2004 | | | | | | | | | | | | | | | | | | | 1.26 | 1.27 | 1.29 | 1.31 | 1.34 | 1.34 |
| AEO 2005 | | | | | | | | | | | | | | | | | | | | 1.31 | 1.34 | 1.37 | 1.38 | 1.38 |
| AEO 2006 | | | | | | | | | | | | | | | | | | | | | 1.53 | 1.60 | 1.61 | 1.61 |
| AEO 2007 | | | | | | | | | | | | | | | | | | | | | | 1.72 | 1.78 | 1.78 |
| AEO 2008 | | | | | | | | | | | | | | | | | | | | | | | | 1.78 |
| Actual | 1.65 | 1.58 | 1.51 | 1.47 | 1.45 | 1.46 | 1.45 | 1.41 | 1.39 | 1.36 | 1.32 | 1.29 | 1.27 | 1.25 | 1.22 | 1.20 | 1.23 | 1.25 | 1.28 | 1.36 | 1.54 | 1.69 | 1.78 | 1.78 |
| Average Absolute Difference (All AEOs) | 0.3 | 0.4 | 0.5 | 0.5 | 0.6 | 0.7 | 0.4 | 0.5 | 0.6 | 0.6 | 1.0 | 0.6 | 0.6 | 0.7 | 0.7 | 0.9 | 0.5 | 0.5 | 0.5 | 0.5 | 0.6 | 0.6 | 0.6 | 0.6 |

Table 12. Coal Prices to Electric Generating Plants, Projected vs. Actual

(percent difference)

| | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | |
|--|------|------|------|------|------|-------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| AEO 1982 | 22.9 | 37.4 | 54.4 | 72.0 | 88.7 | 105.7 | | | | | | | | | | | | | | | | | | |
| AEO 1983 | 20.7 | 33.3 | 48.8 | 62.9 | 77.6 | 89.6 | | | | | 225.2 | | | | | | | | | | | | | |
| AEO 1984 | 15.3 | 27.6 | 41.6 | 55.5 | 68.8 | 79.5 | | | | | 187.2 | | | | | | | | | | | | | |
| AEO 1985 | 1.9 | 11.4 | 23.3 | 32.9 | 42.2 | 50.4 | 60.6 | 76.2 | 92.2 | 108.9 | 129.8 | | | | | | | | | | | | | |
| AEO 1986 | | 2.0 | 11.4 | 19.6 | 26.8 | 32.8 | 41.3 | 55.0 | 69.4 | 87.2 | 107.1 | 126.5 | 143.8 | 164.5 | 186.7 | 207.0 | | | | | | | | |
| AEO 1987 | | | 0.9 | 6.1 | 14.5 | 20.0 | 27.4 | 38.7 | 52.3 | 67.3 | 85.5 | | | | | | | | | | | | | |
| AEO 1989* | | | | 2.3 | 4.8 | 15.3 | 22.6 | 33.1 | 44.6 | 57.5 | 71.5 | 85.9 | 100.4 | 115.3 | 135.0 | 149.9 | | | | | | | | |
| AEO 1990 | | | | | 1.0 | 5.2 | | | | | 57.2 | | | | | | | | | | | | | |
| AEO 1991 | | | | | | 3.8 | 9.1 | 17.8 | 28.1 | 38.7 | 48.8 | 59.9 | 69.9 | 81.8 | 98.1 | 114.1 | 118.8 | 127.8 | 137.5 | 139.5 | 140.0 | 124.4 | 115.8 | 117.3 |
| AEO 1992 | | | | | | | 6.5 | 14.3 | 19.9 | 29.5 | 40.4 | 52.6 | 59.3 | 71.2 | 86.2 | 103.0 | 106.9 | 114.9 | 121.3 | 120.8 | 108.0 | 101.0 | 101.3 | |
| AEO 1993 | | | | | | | | 35.9 | 11.3 | 18.8 | 29.3 | 37.6 | 47.2 | 56.2 | 70.2 | 85.1 | 90.4 | 97.0 | 103.0 | 101.6 | 87.8 | 82.7 | 83.1 | |
| AEO 1994 | | | | | | | | | 8.5 | 14.4 | 24.6 | 34.0 | 40.1 | 45.5 | 58.2 | 67.3 | 73.3 | 77.4 | 80.0 | 77.0 | 59.8 | 56.0 | 55.9 | |
| AEO 1995 | | | | | | | | | | 4.9 | 11.0 | 15.5 | 21.4 | 26.7 | 33.2 | 39.1 | 42.7 | 44.3 | 47.7 | 44.8 | 33.0 | 26.3 | 23.9 | |
| AEO 1996 | | | | | | | | | | | 2.1 | 4.8 | 7.5 | 11.2 | 16.9 | 21.6 | 21.5 | 24.9 | 26.6 | 23.1 | 13.6 | 6.6 | 5.1 | |
| AEO 1997 | | | | | | | | | | | | 5.4 | 8.4 | 12.1 | 18.6 | 21.9 | 22.7 | 22.9 | 21.0 | 16.2 | 5.2 | 0.6 | -2.4 | |
| AEO 1998 | | | | | | | | | | | | | 0.2 | 2.6 | 7.2 | 9.6 | 8.5 | 8.5 | 7.4 | 2.6 | -7.6 | -14.5 | -17.2 | |
| AEO 1999 | | | | | | | | | | | | | | -0.7 | 2.6 | 4.6 | 3.4 | 3.2 | 2.1 | -3.1 | -13.3 | -20.3 | -23.3 | |
| AEO 2000 | | | | | | | | | | | | | | | 5.0 | 6.2 | 0.7 | -0.9 | -3.5 | -8.4 | -18.2 | -24.4 | -27.1 | |
| AEO 2001 | | | | | | | | | | | | | | | | 2.0 | 0.4 | 0.4 | -1.2 | -6.2 | -16.3 | -23.3 | -27.2 | |
| AEO 2002 | | | | | | | | | | | | | | | | | -0.8 | -3.5 | -3.7 | -6.9 | -17.3 | -24.4 | -27.2 | |
| AEO 2003 | | | | | | | | | | | | | | | | | | -1.3 | -0.6 | -4.5 | -13.2 | -20.2 | -23.6 | |
| AEO 2004 | | | | | | | | | | | | | | | | | | | -1.7 | -6.6 | -16.0 | -22.2 | -24.9 | |
| AEO 2005 | | | | | | | | | | | | | | | | | | | | -3.6 | -12.8 | -19.0 | -22.4 | |
| AEO 2006 | | | | | | | | | | | | | | | | | | | | | -0.4 | -5.4 | -9.5 | |
| AEO 2007 | | | | | | | | | | | | | | | | | | | | | | 1.9 | 0.1 | |
| AEO 2008 | | | | | | | | | | | | | | | | | | | | | | | | -0.1 |
| Average Absolute Percent Difference (All AEOs) | 15.2 | 22.3 | 30.1 | 35.9 | 40.5 | 44.7 | 27.9 | 38.7 | 40.8 | 47.5 | 78.4 | 46.9 | 49.8 | 53.4 | 59.8 | 77.1 | 40.8 | 40.5 | 39.8 | 37.7 | 40.4 | 33.2 | 32.9 | |

* There is no report titled *Annual Energy Outlook 1988* due to a change in the naming convention of the AEOs.
 Sources: Forecasts: *Annual Energy Outlook*, Mid-Price or Reference Case Projections, Various Editions.
 Historical Data: Energy Information Administration, June 23, 2008 Monthly Energy Review, DOE/EIA-0035(2008/06) (Washington, DC, June 2008), Table 9.10.