

Table 11a. Coal Prices to Electric Generating Plants, Projected vs. Actual

Projected Price in Constant Dollars

(constant dollars per million Btu in "dollar year" specific to each AEO)

| AEO \$ Year | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| AEO 1994 | 1992 | 1.47 | 1.48 | 1.53 | 1.57 | 1.58 | 1.57 | 1.61 | 1.63 | 1.68 | 1.69 | 1.70 | 1.72 | 1.70 | 1.76 | 1.79 | 1.81 | 1.88 | 1.92 | | | | |
| AEO 1995 | 1993 | | 1.39 | 1.39 | 1.38 | 1.40 | 1.40 | 1.39 | 1.39 | 1.42 | 1.41 | 1.43 | 1.44 | 1.45 | 1.46 | 1.46 | 1.46 | 1.47 | 1.50 | | | | |
| AEO 1996 | 1994 | | | 1.32 | 1.29 | 1.28 | 1.27 | 1.26 | 1.26 | 1.25 | 1.27 | 1.27 | 1.27 | 1.28 | 1.27 | 1.28 | 1.27 | 1.28 | 1.26 | 1.28 | 1.29 | 1.30 | |
| AEO 1997 | 1995 | | | | 1.33 | 1.32 | 1.31 | 1.31 | 1.29 | 1.30 | 1.29 | 1.26 | 1.24 | 1.24 | 1.25 | 1.24 | 1.22 | 1.21 | 1.20 | 1.17 | 1.16 | 1.14 | |
| AEO 1998 | 1996 | | | | | 1.25 | 1.23 | 1.22 | 1.20 | 1.19 | 1.17 | 1.16 | 1.15 | 1.14 | 1.12 | 1.11 | 1.10 | 1.09 | 1.07 | 1.06 | 1.05 | 1.05 | |
| AEO 1999 | 1997 | | | | | | 1.23 | 1.21 | 1.19 | 1.18 | 1.17 | 1.16 | 1.15 | 1.14 | 1.12 | 1.11 | 1.09 | 1.07 | 1.06 | 1.04 | 1.03 | 1.01 | |
| AEO 2000 | 1998 | | | | | | | 1.26 | 1.24 | 1.19 | 1.16 | 1.14 | 1.12 | 1.11 | 1.10 | 1.10 | 1.09 | 1.06 | 1.07 | 1.06 | 1.05 | 1.04 | |
| AEO 2001 | 1999 | | | | | | | | 1.20 | 1.19 | 1.18 | 1.16 | 1.15 | 1.13 | 1.12 | 1.10 | 1.08 | 1.06 | 1.05 | 1.04 | 1.04 | 1.03 | |
| AEO 2002 | 2000 | | | | | | | | | 1.20 | 1.16 | 1.15 | 1.15 | 1.13 | 1.10 | 1.09 | 1.07 | 1.06 | 1.05 | 1.05 | 1.04 | 1.03 | |
| AEO 2003 | 2001 | | | | | | | | | | 1.22 | 1.22 | 1.22 | 1.22 | 1.21 | 1.20 | 1.19 | 1.18 | 1.17 | 1.17 | 1.16 | 1.16 | |
| AEO 2004 | 2002 | | | | | | | | | | | 1.24 | 1.23 | 1.23 | 1.23 | 1.22 | 1.23 | 1.23 | 1.22 | 1.22 | 1.22 | 1.22 | |
| AEO 2005 | 2003 | | | | | | | | | | | | 1.28 | 1.29 | 1.29 | 1.28 | 1.28 | 1.27 | 1.25 | 1.24 | 1.24 | 1.24 | |
| AEO 2006 | 2004 | | | | | | | | | | | | | 1.50 | 1.53 | 1.51 | 1.50 | 1.47 | 1.48 | 1.45 | 1.44 | 1.43 | |
| AEO 2007 | 2005 | | | | | | | | | | | | | | 1.67 | 1.69 | 1.70 | 1.70 | 1.71 | 1.67 | 1.64 | 1.62 | |
| AEO 2008 | 2006 | | | | | | | | | | | | | | | 1.73 | 1.77 | 1.82 | 1.84 | 1.81 | 1.78 | 1.76 | |
| AEO 2009 | 2007 | | | | | | | | | | | | | | | | 1.93 | 1.98 | 1.86 | 1.87 | 1.86 | 1.88 | |
| AEO 2010 | 2008 | | | | | | | | | | | | | | | | | 2.15 | 1.99 | 1.98 | 1.99 | 1.99 | |
| AEO 2011 | 2009 | | | | | | | | | | | | | | | | | | 2.26 | 2.22 | 2.16 | 2.12 | |
| AEO 2012 | 2010 | | | | | | | | | | | | | | | | | | | 2.34 | 2.38 | 2.37 | |
| AEO 2013 | 2011 | | | | | | | | | | | | | | | | | | | | 2.41 | 2.34 | |
| AEO 2014 | 2012 | | | | | | | | | | | | | | | | | | | | | 2.37 | |
| Actual in Nominal\$ | | 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 | 1.77 | 2.07 | 2.21 | 2.27 | 2.39 | 2.38 | 2.35 | |
| Average Absolute Difference | | 0.12 | 0.12 | 0.15 | 0.17 | 0.16 | 0.16 | 0.18 | 0.19 | 0.17 | 0.15 | 0.14 | 0.14 | 0.18 | 0.23 | 0.24 | 0.40 | 0.47 | 0.48 | 0.55 | 0.63 | 0.56 | |
| Projected vs. Actual (percent difference) | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | |
| AEO 1994 | | | 8.7 | 14.2 | 23.9 | 32.4 | 37.2 | 40.1 | 50.2 | 57.6 | 61.8 | 62.9 | 63.2 | 59.7 | 43.9 | 39.9 | 39.5 | 23.0 | 20.5 | 21.3 | | | |
| AEO 1995 | | | | 4.8 | 9.9 | 13.6 | 18.7 | 22.0 | 26.7 | 31.3 | 33.6 | 32.8 | 34.1 | 30.6 | 19.9 | 13.4 | 11.1 | -3.1 | -7.9 | -7.4 | | | |
| AEO 1996 | | | | | 2.2 | 4.2 | 6.3 | 8.3 | 12.5 | 16.3 | 15.3 | 16.7 | 16.8 | 12.8 | 3.6 | -3.3 | -4.8 | -17.5 | -21.5 | -23.7 | -24.8 | -22.5 | -20.2 |
| AEO 1997 | | | | | | 4.8 | 7.1 | 9.3 | 14.5 | 17.2 | 17.3 | 16.1 | 13.1 | 8.2 | -2.0 | -6.6 | -9.4 | -22.3 | -27.3 | -29.2 | -33.0 | -31.9 | -31.1 |
| AEO 1998 | | | | | | | -0.1 | 1.0 | 4.7 | 6.7 | 5.3 | 4.1 | 2.4 | -2.1 | -11.5 | -17.9 | -20.3 | -31.1 | -35.2 | -36.9 | -39.5 | -39.0 | -38.1 |
| AEO 1999 | | | | | | | | -0.7 | 2.3 | 4.5 | 3.3 | 2.2 | 0.9 | -3.6 | -12.9 | -19.4 | -21.8 | -33.1 | -37.7 | -39.3 | -42.2 | -41.7 | -40.9 |
| AEO 2000 | | | | | | | | | 5.2 | 7.2 | 2.2 | 0.2 | -2.4 | -6.7 | -15.9 | -21.5 | -23.5 | -33.7 | -38.9 | -39.4 | -41.7 | -41.0 | -39.8 |
| AEO 2001 | | | | | | | | | | 2.0 | 0.6 | 0.2 | -1.6 | -6.0 | -15.3 | -21.6 | -24.6 | -35.4 | -40.0 | -41.3 | -43.7 | -42.8 | -41.6 |
| AEO 2002 | | | | | | | | | | | -0.7 | -3.8 | -4.8 | -8.0 | -17.8 | -24.6 | -26.9 | -37.1 | -41.3 | -42.7 | -44.5 | -43.9 | -42.9 |
| AEO 2003 | | | | | | | | | | | | -1.2 | -1.2 | -4.9 | -12.6 | -18.8 | -21.3 | -32.0 | -36.4 | -37.7 | -39.8 | -38.8 | -37.2 |
| AEO 2004 | | | | | | | | | | | | | -1.2 | -4.9 | -13.4 | -19.0 | -21.0 | -30.8 | -34.7 | -35.8 | -37.8 | -36.5 | -34.6 |
| AEO 2005 | | | | | | | | | | | | | | -3.0 | -11.2 | -16.4 | -18.8 | -29.4 | -33.9 | -35.7 | -38.0 | -36.9 | -35.3 |
| AEO 2006 | | | | | | | | | | | | | | | 0.2 | -3.8 | -6.6 | -19.4 | -25.3 | -25.9 | -29.6 | -28.6 | -27.2 |
| AEO 2007 | | | | | | | | | | | | | | | | 1.9 | 1.1 | -11.2 | -16.4 | -17.3 | -21.7 | -21.4 | -20.0 |
| AEO 2008 | | | | | | | | | | | | | | | | | 0.5 | -10.6 | -13.3 | -13.6 | -17.3 | -17.1 | -15.7 |
| AEO 2009 | | | | | | | | | | | | | | | | | | -4.9 | -7.8 | -14.7 | -16.8 | -15.7 | -12.2 |
| AEO 2010 | | | | | | | | | | | | | | | | | | | -1.9 | -10.5 | -13.7 | -11.5 | -8.7 |
| AEO 2011 | | | | | | | | | | | | | | | | | | | | 0.9 | -3.8 | -4.5 | -3.5 |
| AEO 2012 | | | | | | | | | | | | | | | | | | | | | 0.1 | 4.0 | 6.3 |
| AEO 2013 | | | | | | | | | | | | | | | | | | | | | | 2.9 | 2.7 |
| AEO 2014 | | | | | | | | | | | | | | | | | | | | | | | 2.5 |
| Average Absolute Percent Difference | | | 8.7 | 9.5 | 12.0 | 13.8 | 13.9 | 13.6 | 16.6 | 17.9 | 15.6 | 14.0 | 12.9 | 12.6 | 13.9 | 16.3 | 16.8 | 23.4 | 25.9 | 26.3 | 28.7 | 28.1 | 25.5 |

Sources: Projections: *Annual Energy Outlook*, Reference Case Projections, Various Editions.

Historical Data: U.S. Energy Information Administration, September 2014 Monthly Energy Review, DOE/EIA-0035(2013/08) (Washington, DC, September 25, 2014), Table 9.9. Bureau of Economic Analysis, US Dept. of Commerce, September 2014.