

**Table 14a. Average Electricity Prices, Projected vs. Actual****Projected Price in Constant Dollars**

(constant dollars, cents per kilowatt-hour 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 | 6.80 | 6.80 | 6.90 | 6.90 | 6.90 | 6.90 | 7.00 | 7.00 | 7.10 | 7.10 | 7.20 | 7.20 | 7.30  | 7.30  | 7.40  | 7.50  | 7.60  |       |       |       |       |  |
| AEO 1995                            | 1993 |      | 6.80 | 6.80 | 6.70 | 6.70 | 6.70 | 6.70 | 6.80 | 6.80 | 6.90 | 6.90 | 6.90 | 7.00  | 7.00  | 7.10  | 7.10  | 7.20  |       |       |       |       |  |
| AEO 1996                            | 1994 |      |      | 7.09 | 6.99 | 6.94 | 6.93 | 6.96 | 6.96 | 6.96 | 6.97 | 6.98 | 6.97 | 6.98  | 6.95  | 6.95  | 6.94  | 6.96  | 6.95  | 6.91  | 6.87  | 6.84  |  |
| AEO 1997                            | 1995 |      |      |      | 6.94 | 6.89 | 6.90 | 6.91 | 6.86 | 6.84 | 6.78 | 6.73 | 6.66 | 6.60  | 6.58  | 6.54  | 6.49  | 6.48  | 6.45  | 6.36  | 6.27  | 6.19  |  |
| AEO 1998                            | 1996 |      |      |      |      | 6.80 | 6.60 | 6.57 | 6.46 | 6.36 | 6.29 | 6.26 | 6.18 | 6.12  | 6.05  | 6.01  | 5.97  | 5.94  | 5.91  | 5.81  | 5.71  | 5.69  |  |
| AEO 1999                            | 1997 |      |      |      |      |      | 6.70 | 6.67 | 6.58 | 6.48 | 6.38 | 6.41 | 6.41 | 6.35  | 6.32  | 6.26  | 6.20  | 6.17  | 6.14  | 6.05  | 5.96  | 5.91  |  |
| AEO 2000                            | 1998 |      |      |      |      |      |      | 6.60 | 6.57 | 6.45 | 6.31 | 6.25 | 6.19 | 6.09  | 6.09  | 6.07  | 6.03  | 5.95  | 5.97  | 5.90  | 5.86  | 5.85  |  |
| AEO 2001                            | 1999 |      |      |      |      |      |      |      | 6.80 | 6.75 | 6.53 | 6.44 | 6.38 | 6.19  | 6.12  | 5.99  | 5.91  | 5.87  | 5.87  | 5.84  | 5.82  | 5.83  |  |
| AEO 2002                            | 2000 |      |      |      |      |      |      |      |      | 7.06 | 6.71 | 6.52 | 6.50 | 6.43  | 6.35  | 6.32  | 6.32  | 6.34  | 6.37  | 6.33  |       |       |  |
| AEO 2003                            | 2001 |      |      |      |      |      |      |      |      |      | 6.90 | 6.62 | 6.56 | 6.50  | 6.37  | 6.33  | 6.32  | 6.38  | 6.36  | 6.39  | 6.38  | 6.42  |  |
| AEO 2004                            | 2002 |      |      |      |      |      |      |      |      |      |      | 7.13 | 6.96 | 6.84  | 6.73  | 6.63  | 6.63  | 6.67  | 6.64  | 6.64  | 6.71  |       |  |
| AEO 2005                            | 2003 |      |      |      |      |      |      |      |      |      |      |      | 7.41 | 7.39  | 7.12  | 6.81  | 6.65  | 6.64  | 6.61  | 6.60  | 6.68  | 6.77  |  |
| AEO 2006                            | 2004 |      |      |      |      |      |      |      |      |      |      |      | 8.34 | 8.21  | 7.82  | 7.56  | 7.42  | 7.31  | 7.19  | 7.14  | 7.21  |       |  |
| AEO 2007                            | 2005 |      |      |      |      |      |      |      |      |      |      |      |      | 8.32  | 8.30  | 8.29  | 8.20  | 8.07  | 7.88  | 7.78  | 7.73  |       |  |
| AEO 2008                            | 2006 |      |      |      |      |      |      |      |      |      |      |      |      |       | 8.90  | 9.06  | 9.35  | 9.18  | 8.93  | 8.82  | 8.67  |       |  |
| AEO 2009                            | 2007 |      |      |      |      |      |      |      |      |      |      |      |      |       |       | 9.49  | 9.11  | 8.28  | 8.56  | 8.55  | 8.56  |       |  |
| AEO 2010                            | 2008 |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       | 9.58  | 9.14  | 8.60  | 8.90  | 8.93  |       |  |
| AEO 2011                            | 2009 |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       | 9.57  | 9.03  | 9.01  | 8.94  |       |  |
| AEO 2012                            | 2010 |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       | 9.73  | 9.59  |       |       |  |
| AEO 2013                            | 2011 |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       | 9.41  | 9.19  |       |  |
| AEO 2014                            | 2012 |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       | 9.79  |       |  |
| <b>Actual in Nominal\$</b>          | 6.93 | 6.91 | 6.89 | 6.86 | 6.85 | 6.74 | 6.64 | 6.81 | 7.29 | 7.20 | 7.44 | 7.61 | 8.14 | 8.90  | 9.13  | 9.74  | 9.82  | 9.83  | 9.90  | 9.84  | 10.08 |       |  |
| Average Absolute Difference         | 0.03 | 0.11 | 0.32 | 0.35 | 0.37 | 0.43 | 0.55 | 0.44 | 0.40 | 0.44 | 0.50 | 0.48 | 0.63 | 0.85  | 0.87  | 1.11  | 1.09  | 1.08  | 1.09  | 1.40  | 1.46  |       |  |
| <b>Projected vs. Actual</b>         |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |  |
| (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                            |      | 0.4  | 2.9  | 6.9  | 9.3  | 11.4 | 14.4 | 19.6 | 19.3 | 15.6 | 18.8 | 18.9 | 19.5 | 15.3  | 10.2  | 10.3  | 6.9   | 8.2   | 10.9  |       |       |       |  |
| AEO 1995                            |      |      | 0.5  | 2.9  | 3.7  | 5.6  | 8.5  | 11.8 | 11.5 | 8.1  | 11.2 | 11.3 | 11.8 | 7.9   | 3.2   | 3.3   | 0.1   | 0.1   | 2.6   |       |       |       |  |
| AEO 1996                            |      |      |      | 5.0  | 5.9  | 7.1  | 9.9  | 13.7 | 13.4 | 8.4  | 11.6 | 10.3 | 10.7 | 6.9   | 0.3   | 0.4   | -4.1  | -3.9  | -3.0  | -2.2  | -0.6  | -1.9  |  |
| AEO 1997                            |      |      |      |      | 3.0  | 4.2  | 7.2  | 10.7 | 9.5  | 4.3  | 6.3  | 4.2  | 3.5  | -1.0  | -6.9  | -7.5  | -12.2 | -12.3 | -11.9 | -11.9 | -11.1 | -13.0 |  |
| AEO 1998                            |      |      |      |      |      | 1.0  | 0.7  | 3.3  | 1.3  | -4.7 | -3.1 | -4.8 | -5.6 | -9.8  | -16.0 | -16.4 | -20.7 | -21.2 | -20.7 | -21.0 | -20.4 | -21.5 |  |
| AEO 1999                            |      |      |      |      |      |      | 0.5  | 3.1  | 1.4  | -4.5 | -3.5 | -4.3 | -3.8 | -8.0  | -13.7 | -14.4 | -19.0 | -19.4 | -18.9 | -19.1 | -18.3 | -19.8 |  |
| AEO 2000                            |      |      |      |      |      |      |      | 0.9  | 0.1  | -6.0 | -5.5 | -7.6 | -8.0 | -12.7 | -17.7 | -17.9 | -22.1 | -23.2 | -22.0 | -21.9 | -20.5 | -21.4 |  |
| AEO 2001                            |      |      |      |      |      |      |      |      | 2.1  | -3.2 | -3.7 | -6.3 | -6.6 | -12.6 | -18.5 | -20.3 | -24.8 | -25.3 | -24.5 | -23.8 | -22.3 | -22.9 |  |
| AEO 2002                            |      |      |      |      |      |      |      |      |      | -1.0 | -3.2 | -7.2 | -7.0 | -11.3 | -17.4 | -17.7 | -21.3 | -21.4 | -20.3 | -18.9 | -17.4 | -18.0 |  |
| AEO 2003                            |      |      |      |      |      |      |      |      |      |      | -2.8 | -7.8 | -8.3 | -12.3 | -18.9 | -19.4 | -23.1 | -22.4 | -21.8 | -20.4 | -18.5 | -18.8 |  |
| AEO 2004                            |      |      |      |      |      |      |      |      |      |      | -2.2 | -4.2 | -9.1 | -15.7 | -16.9 | -20.6 | -20.1 | -19.6 | -18.6 | -15.6 | -16.5 |       |  |
| AEO 2005                            |      |      |      |      |      |      |      |      |      |      |      | 0.1  | -3.7 | -12.6 | -16.3 | -21.8 | -22.0 | -21.6 | -20.6 | -17.7 | -17.4 |       |  |
| AEO 2006                            |      |      |      |      |      |      |      |      |      |      |      |      | 5.8  | -1.8  | -6.5  | -13.6 | -15.2 | -15.5 | -15.9 | -14.4 | -14.3 |       |  |
| AEO 2007                            |      |      |      |      |      |      |      |      |      |      |      |      |      | -3.6  | -3.8  | -8.2  | -9.3  | -9.6  | -10.6 | -9.6  | -11.0 |       |  |
| AEO 2008                            |      |      |      |      |      |      |      |      |      |      |      |      |      |       | 0.1   | -2.6  | 0.4   | -0.3  | -1.7  | -0.6  | -3.2  |       |  |
| AEO 2009                            |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       | -0.7  | -4.7  | -12.4 | -8.2  | -6.2  | -6.9  |       |  |
| AEO 2010                            |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       | -1.7  | -5.2  | -9.6  | -4.1  | -4.7  |       |  |
| AEO 2011                            |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       | -1.5  | -5.8  | -3.7  | -5.3  |       |  |
| AEO 2012                            |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       | 0.3   | 1.2   | 0.7   |       |  |
| AEO 2013                            |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       | -2.7  | -5.8  |       |  |
| AEO 2014                            |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       | -1.4  |       |  |
| Average Absolute Percent Difference | 0.4  | 1.7  | 4.9  | 5.5  | 5.9  | 6.9  | 9.0  | 7.3  | 6.2  | 7.0  | 7.7  | 7.4  | 9.0  | 11.2  | 11.4  | 13.9  | 13.6  | 13.5  | 13.6  | 11.4  | 12.4  |       |  |

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 9.8. Bureau of Economic Analysis, US Dept. of Commerce, September 2014.