

# Capital Investment Review

Follow-Up Responses from March 2014  
Workshops



## Energy Efficiency

### A Calculation of the Budget Impact of BPA's Energy Efficiency Investment:

- Yearly totals for FY2005-2013 of MWh saved through the energy efficiency programs (both capital and expense programs).
- Yearly (FY2005-2013) cumulative MWh savings, incorporating savings over the measure lifetime, for BPA energy efficiency savings.
- Yearly (FY2005-2013) average levelized cost per MWh for BPA energy efficiency savings.

See detail in the supplemental spreadsheet

| FY   | BPA funded MWH<br>(Cap. & Exp.) | Cumul aMWh | BPA-funded Savings<br>Levelized Costs<br>(\$/MWH) |
|------|---------------------------------|------------|---|
| 2005 | 356,817                         | 41         | \$ 13.2   |
| 2006 | 439,792                         | 91         | \$ 10.2   |
| 2007 | 418,851                         | 145        | \$ 11.7   |
| 2008 | 422,780                         | 211        | \$ 9.7  |
| 2009 | 378,371                         | 272        | \$ 12.9   |
| 2010 | 532,866                         | 363        | \$ 17.5   |
| 2011 | 1,042,459                       | 486        | \$ 18.2   |
| 2012 | 487,726                         | 554        | \$ 17.4   |
| 2013 | 465,559                         | 633        | \$ 17.3   |

#### Notes:

This table includes savings and costs associated with Low Income Grants, NEEA, and Programmatic Savings. 2012-13 data is from IS 2.0 based on measure completion date. 2005-11 savings and costs are based on the Red Book with some adjustments for savings reported in IS2.0 that had completion dates in 2009-11.

## Energy Efficiency

A yearly (FY2005--2012) accounting of average wholesale power rates and calculation of the wholesale value of cumulative energy saved based on these wholesale power rates and the yearly MWh savings values. This would be Tier 1 rates going forward, but not historically.

- *BPA can provide FY2005-2012 average wholesale power rates and the cumulative energy savings per year, but BPA does not calculate "the wholesale value" of those savings using the wholesale power rates.*

| Fiscal Year | Nominal based on<br>Statement A<br>(Tier 1 Non-Slice) | Cumulative Energy<br>Savings (aMW) |
|-------------|---|------------------------------------|
| 2005        | 28.73   | 41                                 |
| 2006        | 28.34   | 91                                 |
| 2007        | 27  | 145                                |
| 2008        | 27.08   | 211                                |
| 2009        | 26.59   | 272                                |
| 2010        | 28.5  | 363                                |
| 2011        | 28.6  | 486                                |
| 2012        | 29.41   | 554                                |
| 2013        | 29.48   | 633                                |

## Financial Disclosure

This information has been made publicly available by BPA on April 3, 2014 and contains information not reported in BPA financial statements.