

## Calculation Spreadsheet\* (beta v1.2)

| Line Item # | Line Item  | Scenario A (aMW) | Scenario B (aMW) | Scenario C (aMW) | Calculation From Line Item #s | Notes  | TRM Section   |
|-------------|--|------------------|------------------|------------------|-------------------------------|--|---------------|
| 1           | Utility's Measured FY2010 Load                                   | 100.000          | 98.000           | 97.000           |                               | Enter assumed value.   | 4.1 - 4.1.1.3 |
| 2           | Utility's Existing Resources for CHWM                            | 0.000            | 0.000            | 0.000            |                               | Enter amount established in BPA's Tiered rate Methodology (Sept. 2009).                          | Attachment C  |
| 3           | Utility's Eligible Load  | 100.000          | 98.000           | 97.000           | 1 - 2                         | <b>Include any estimate of Provisional Load adjustment.</b>                                      | 4.1.3.2       |
| 4           | Sum of all utilities' Eligible Load                              | 7,100.000        | 7,100.000        | 7,100.000        |                               | Value is assumed to be < or = T1SFCO, including any allowed augmentation.                        | 4.1.3.3       |
| 5           | Utility's % of sum of Eligible Load                              | 1.409%           | 1.380%           | 1.366%           | 3 / 4                         |  | 4.1.3.4       |
| 6           | Tier 1 System Firm Critical Output (T1SFCO)                      | 7100.000         | 7100.000         | 7100.000         |                               | Includes allowed augmentation to meet the sum of utilities' Eligible Load.                       | 3.1.2         |
| 7           | Scaled Eligible Load   | 100.000          | 98.000           | 97.000           | (3 / 4)*6                     |  | 4.1.3.4       |
| 8           | Utility's self-funded Conservation                               | 0.000            | 1.000            | 3.000            |                               | Enter assumed value.   | 4.1.4         |
| 9           | Utility's BPA-funded Conservation                                | 0.000            | 1.000            | 0.000            |                               | Enter assumed value.   | 4.1.4         |
| 10          | Utility's credited conservation                                  | 0.000            | 1.750            | 3.000            | 8+(9 * 0.75)                  | BPA-funded conservation @ 75%, utility self-funded @ 100% of reduction to FY 2010 load.          | 4.1.4<br>↓    |
| 11          | Utility's conservation-adjusted Scaled Eligible Load             | 100.000          | 99.750           | 100.000          | 3 + 10                        |  |               |
| 12          | Sum of all utilities' credited conservation                      | 170.000          | 170.000          | 170.000          |                               | Enter assumed value.   |               |
| 13          | Sum of all utilities' conservation-adjusted Scaled Eligible Load | 7270.000         | 7270.000         | 7270.000         | 4 + 12                        |  |               |
| 14          | Utility's % of sum of conservation-adjusted Scaled Eligible Load | 1.376%           | 1.372%           | 1.376%           | 11 / 13                       | This rebalancing factor redistributes HWM (aMW) to account for utilities' credited conservation. |               |
| 15          | Utility's Contract HWM   | 97.660           | 97.420           | 97.660           | 14 * 6                        |  | 4.1.5         |
| 16          | Net change from conservation adjustment                          | -2.340           | -0.580           | 0.660            |                               |  |               |

\*This is a tool intended to demonstrate the Contract HWM determination process and is not intended to provide an actual HWM determination and should not be relied upon for planning purposes by any utility. Public feedback is invited regarding this initial (beta) design and the functionality of this spreadsheet. Please direct comments to your BPA Account Executive or to Larry Stene, BPA Policy Development at 503/230-4704.

v1.2 uses the defined terms and references established in BPA's Tiered Rate Methodology (Sept. 2009).

The red numbers represent inputs that may be changed for different assumptions.