Energy Efficiency Auction Setup in eRPM

Capacity Market Operations
January 2014
EE Setup tab added to Auctions section of eRPM with 3 sub-tabs:

1. **EE Existing Setup**
   - Participants allocate existing MW approved in Post-Installation M&V Reports to their modeled EE resources to offer in the auction

2. **EE Planned Setup**
   - Participants submit their Planned MW for each zone, LDA, and installation period. Upon approval from PJM, participants then allocate those MW to modeled EE resources

3. **EE Setup Summary**
   - Provides a summary view by Zone, LDA, and Installation Period for existing and planned MW to be offered in the auction
Participants are provided the following data for each Zone, LDA, and Installation Period. Installation Periods are filtered to only include those effective for the relevant auction Delivery Year.

- Post-Installation Existing MW = Sum of the MW submitted and approved in a Post-Installation M&V Report
- Committed MW = Sum of EE commitments for the relevant auction Delivery Year
- Existing Available MW = Post-Installation Existing MW – Committed MW
- A list of all EE resources modeled for the relevant auction Delivery Year

If “Existing Available MW” is greater than zero, participants may allocate those MW to modeled EE resources to offer in the auction

- Enter the allocated MW amount by clicking on the blue text under “Existing MW to Offer” column
- Sub-totals within each Zone, LDA, and Installation Period cannot exceed the Existing Available MW

Must be completed during the auction EE Setup Window
## EE Existing Setup

Allocate Existing Available MW to modeled EE resources for each Zone/LDA/Installation Period

<table>
<thead>
<tr>
<th>Zone</th>
<th>LDA</th>
<th>Installation Period</th>
<th>Post-Installation Existing MW</th>
<th>Committed MW</th>
<th>Existing Available MW</th>
<th>Resource Name</th>
<th>Existing MW to Offer</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSEG</td>
<td>PSEG</td>
<td>2011/2012</td>
<td>4</td>
<td>4</td>
<td>0</td>
<td>PJMTST PSEG EE J11M12</td>
<td>0.0</td>
</tr>
<tr>
<td>Sub-Total</td>
<td></td>
<td></td>
<td>4</td>
<td>4</td>
<td>0</td>
<td></td>
<td>0.0</td>
</tr>
<tr>
<td>PSEG</td>
<td>PSEG</td>
<td>2012/2013</td>
<td>8</td>
<td>3.4</td>
<td>4.6</td>
<td>PJMTST PSEG EE J12M13, PJMTST PSEG EE J12M13 MPCE</td>
<td>4.6</td>
</tr>
<tr>
<td>Sub-Total</td>
<td></td>
<td></td>
<td>8</td>
<td>3.4</td>
<td>4.6</td>
<td></td>
<td>4.6</td>
</tr>
<tr>
<td>PSEG</td>
<td>PSEG</td>
<td>2013/2014</td>
<td>3.5</td>
<td>0</td>
<td>3.5</td>
<td>PJMTST PSEG EE J13M14</td>
<td>3.5</td>
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</tbody>
</table>

Error: the Existing Mw to offer total [3.6] is greater than existing available mw [3.5]
EE Planned Setup: Two step process

1. Participants submit their Planned MW amount of EE for each Zone, LDA, and Installation Period.
   - Enter the Planned MW by clicking on blue text under the “Planned MW” column
   - The Planned MW specified in eRPM should reflect the planned MW amount submitted in the Initial or Updated M&V Plan

2. Upon approval from PJM, participants may allocate the approved Planned MW to their modeled EE resources to offer in the auction
   - Enter the allocated MW amount by clicking on the blue text under “Planned MW to Offer” column
   - Sub-totals within each Zone, LDA, and Installation Period cannot exceed the Approved MW
   - Enter a MPCE by clicking on the blue text under the “MPCE” column
   - The credit requirement is calculated using the Pre-Auction Credit Rate or MPCE if specified and must be posted prior to offering in the auction
   - The “Credit Standing” will remain in “Pending” status until PJM reviews the posted collateral and updates the standing to “Posted”

Must be completed during the auction EE Setup Window
EE Planned Setup: Step 1

Submit Planned MW for each Zone/LDA/Installation Period
Allocate Approved Planned MW to modeled EE resources

Specify MPCE if using credit limited offer

<table>
<thead>
<tr>
<th>Zone</th>
<th>LDA</th>
<th>Installation Period</th>
<th>Planned MW</th>
<th>Approved MW</th>
<th>Credit Requirement</th>
<th>Resource Name</th>
<th>Planned MW to Offer</th>
<th>MPCE</th>
<th>Credit Requirement</th>
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<td>-</td>
<td>null</td>
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<tr>
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<td>null</td>
<td>-</td>
<td>null</td>
<td>0.0</td>
<td>(null)</td>
<td>0.0</td>
</tr>
<tr>
<td>PSEG</td>
<td>PSEG</td>
<td>2011/2012</td>
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<td>null</td>
<td>-</td>
<td>PSEG EE J12M13</td>
<td>0.0</td>
<td>(null)</td>
<td>0.0</td>
</tr>
<tr>
<td>Sub-Total</td>
<td></td>
<td></td>
<td>0.0</td>
<td>null</td>
<td>-</td>
<td>PSEG EE J12M13</td>
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<td>(null)</td>
<td>0.0</td>
</tr>
<tr>
<td>PSEG</td>
<td>PSEG</td>
<td>2012/2013</td>
<td>6.0</td>
<td>7</td>
<td>Pending</td>
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<td></td>
<td></td>
<td>PJMTST PSEG EE J13M14</td>
<td>1.0</td>
<td>35000.00</td>
<td>35000.00</td>
</tr>
</tbody>
</table>
• Participants may refer to this screen during the EE auction setup process to confirm their Existing MW, Planned MW, and Total MW (ICAP) ready to be offered in the auction.
• Participants that have allocated Existing or Planned MW to their EE resources may submit sell offers for those resources during the auction offer window
  – The eRPM sell offer screen displays the Existing, Planned, and Total MW (ICAP) available to be offered in the auction for each DR resource
  – Planned MW will be zero until PJM reviews the posted collateral and updates the credit standing in EE Planned Setup to “Posted”
  – For credit limited offers, participants must specify a MPCE no greater than the amount entered in the EE Planned Setup tab

 eRPM will not allow changes to the EE Setup tabs during the auction offer window
EE resource’s Existing, Planned, and Total MW (ICAP) available to offer in the auction
All EE Setup must be completed prior to the opening of the auction offer window.