FERC EQR Capacity Reporting

Market Settlements Subcommittee
August 20, 2014
• Currently, one row per auction is displayed per reporting month
  – Maximum of 4 rows, one each for auction a company clears capacity in

• In the event a company clears resources across multiple LDAs that have different prices, an aggregated price will be computed
Example

• Suppose a company clears based on the following scenario:
  – Base Residual Auction:
    • 10 MW in EMAAC LDA at $100
    • 10 MW in PSEG LDA at $200
  – Third Incremental Auction
    • 5 MW in EMAAC LDA at $50
    • 10 MW in SWMAAC LDA at $75
• Current Report (abbreviated column listing):

<table>
<thead>
<tr>
<th>BEGIN DATE</th>
<th>END DATE</th>
<th>TERM NAME</th>
<th>INCREMENT</th>
<th>TRANSACTION QTY</th>
<th>PRICE</th>
<th>RATE UNITS</th>
<th>TOT TRANSACTION CH</th>
<th>TRADE DATE</th>
<th>STD QTY</th>
<th>STD PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>201406010400</td>
<td>201407010400</td>
<td>LT</td>
<td>Y</td>
<td>1</td>
<td>90000</td>
<td>FLAT_RATE</td>
<td>90000</td>
<td>20110513</td>
<td>20</td>
<td>4500</td>
</tr>
<tr>
<td>201406010400</td>
<td>201407010400</td>
<td>LT</td>
<td>Y</td>
<td>1</td>
<td>30000</td>
<td>FLAT_RATE</td>
<td>30000</td>
<td>20140307</td>
<td>15</td>
<td>2000</td>
</tr>
</tbody>
</table>

Standardized Quantity = Average Daily MWs

= Sum (daily MWs cleared for the given Auction for the given month)/ Number of Days in Month

Standardized Price = Weighted Price * Number of Days in Month

= [Sum (daily cleared MW * RCP for the given Auction for the given month)/ Sum (daily MWs)] * Number of Days in Month

Total Transaction Charge = Standardized Quantity * Standardized Price
• Display one row per distinct Resource Clearing Price
  – For each auction, there can be a unique clearing price for each modeled LDA
  – Each LDA can have further price separation based on product type
  – Would result in multiple rows per auction with different prices listed
Standardized Quantity = Average Daily MWs

= \text{Sum (daily MWs cleared for the given Auction/RCP for the given month)}/ \text{Number of Days in Month}

Standardized Price = Weighted Price * Number of Days in Month

= \left[ \text{Sum (daily cleared MW * RCP for the given Auction/RCP for the given month)}/ \text{Sum (daily MWs)} \right] * \text{Number of Days in Month}

Total Transaction Charge = Standardized Quantity * Standardized Price
• We have received proposals to update the following:
  – Update Transaction.Quantity column reported for Capacity to reflect same number as Standardized.Quantity
    • Currently reported as 1
  – Update the end date format to be inclusive of last minute of interval
    • I.e. currently report 201404010000, request to change to: 201403312359