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# Five Minute Dispatch and Pricing Tariff/OA Updates

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Action Required	Deadline	Who May Be Affected
<p>Communicate Tariff/OA updates to Market Participants</p> 	<p>6/23</p> 	<p>Market Buyers, Market Sellers, CSPs</p> 

- Purpose of Tariff/OA updates:
  - Add clarity regarding PJM Generation Dispatch practices and processes to improve transparency
  - Long-Term solution additions
- Focus on Sections 1.11, 2.2 – 2.6 and 3.2.3

- PJM has several running versions of the Tariff/OA reflecting approved and pending language
- Current draft reflects some approved and pending Fast-Start language
- Approved language that is in place but not effective due to future implementation dates is italicized/comments
  - This helps distinguish between effective Tariff/OA language and approved but not effective Tariff/OA language
- PJM revised Section numbering and sub-numbering

- Section 1.11 title updated to Real-Time Dispatch
- Moved language from Section 2.2 and 2.5 to Section 1.11:
  - Transparency updates to 1.11 (a)
  - Long-Term solution additions in 1.11 (b) and (c)
- Moved section 2.3 to 1.11A to detail the purpose of the State Estimator in the Dispatch solution
- Section 1.11.1 updated to include self-scheduled units
- Section 1.11.3, Pool-dispatched Resources:
  - Clarifies Long-Term envelope method
  - 1.11.3 (a), clarification for limited energy resources
  - 1.11.3 (b), clarification for following dispatch signals sent by PJM

## Section 2.2

- Added references for 2.5 and 2.6 sections

## Section 2.3

- Entire section moved to Section 1.11A

## Section 2.4, Determination of Energy Offers Used in Calculating Real-time Prices

- Section 2.4 (b) updated to note determination of the marginal energy offer based on latest approved RT SCED case

## Section 2.5, Calculation of Real-time Prices

- Section 2.5 (a) updated to note timing of RT SCED case approval and pricing
- Section 2.5 (b) deleted with some language moved to Section 1.11
- Transmission Constraint Penalty Factor added in Section 2.5 (d)
- Section 2.5.1 (a) clarified shortage pricing conditions



## Section 2.6, Calculation of Day-Ahead Prices

- Added language to further clarify types of offers that contribute to the Day-Ahead calculation of prices
- Updates made in Section 2.6 to better detail how Day-Ahead pricing is developed

## Section 3.2.3, Ramp-Limited Desired Calculation Updates

- Updates to Section 3.2.3 (o) (ii):
  - Ramp-Limited Desired calculation includes Achievable Target MW
  - UDS terms replaced:
    - UDS target changed to Dispatch target
    - UDS basepoint changed to Dispatch signal

- 1<sup>st</sup> Read March MRC
- 2<sup>nd</sup> Read April MRC
- Tentative Read and Vote at the April MC
- PJM will file Tariff/OA language updates with FERC after receiving Stakeholder approval

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