

Five Minute Dispatch Manual 11 updates

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Updated: Long-Term Evaluation and Tentative Implementation Timeline

Software Development

Testing

Parallel
Operations and
Evaluation

Implementation

Feb-April 2021

May-June 2021

July-Oct 2021

Nov 1 2021

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Committee Recap and Updates July 2021

- March/April MRC and MC Vote for Proposed Tariff Language
- ➤ July/August Review M11 Updates for 5 Minute Dispatch and Transparency effective 11/1/2021
 - ➤ MIC July 14th, First read
 - ➤ MIC August 11th, Endorse changes
 - > MRC July 28th, First read
 - ➤ MRC August 25th, Endorse changes



Multiple Sections Updated and Added

Updates:

- Section 2.3.3.1
- Section 2.5
- Section 2.6
- Section 2.7
- Section 3.2.2
- Section 3.2.7.4
- Section 3.2.7.5
- Section 3.2.7.6
- Section 3.2.7.7
- Section 3.2.8
- Section 4.2.4
- Section 4b.2.3

Additions:

- Section 2.5.1
- Section 2.5.2
- Section 2.5.3
- Section 2.5.3.1
- Section 2.5.3.2
- Section 2.5.3.3
- Section 2.5.3.4
- Section 2.5.3.5
- Section 3.2.8.1



Transparency and 5 Minute Dispatch and Pricing (conforming to Tariff changes)

- 2.3.3.1 (Capacity resource offer rules) Hydropower resource rule added
- 2.5 (Real-time Market Clearing Engine) significant updates
- 2.6 and 2.7 minor updates
- 3.2.8 Hydro Language Update
- Various reference and other minor updates throughout M11



Capacity Resource Rules

- Hydropower capacity resources shall bid must run
- Pump Storage Hydropower capacity resources bid must run or utilize pump storage optimization model



Real-time Market Clearing Engines

- Diagrams updated
- 2.5.1 (ASO) language updated to reflect timeline of ASO case
- 2.5.2 Includes forecasted energy transactions as inputs into IT SCED as well as target time language
- 2.5.3 and 2.5.3.1 Includes 5 minute dispatch changes as well as a detailed description of the RT SCED optimization process
- 2.5.3.2 Includes additional information for the RT SCED optimization with respect to the marginal resource identification process



- 2.5.3.3 Includes new Five Minute Dispatch and Pricing language and calculation description and diagrams
- 2.5.3.4 Includes new timeline information and language for exceptions to the new five minute structured case approval process being implemented for Five Minute Dispatch and Pricing
- 2.5.3.5 Includes additional inputs for RT SCED and information for transparency
- 2.6 Minor update to describe the relationship between SE and RT SCED
- 2.7 Clarification on LPC reference inputs utilized for the respective target time



- Minor naming convention updated Hydro to Hydropower
- 3.2.8.1 Hydropower operation section added to describe overall operation
 - Refers to Hydro Calculator
 - Hydropower Schedules



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