






Manual 28

Renewable Dispatch (Solar) and Hybrids Phase II Conforming Changes

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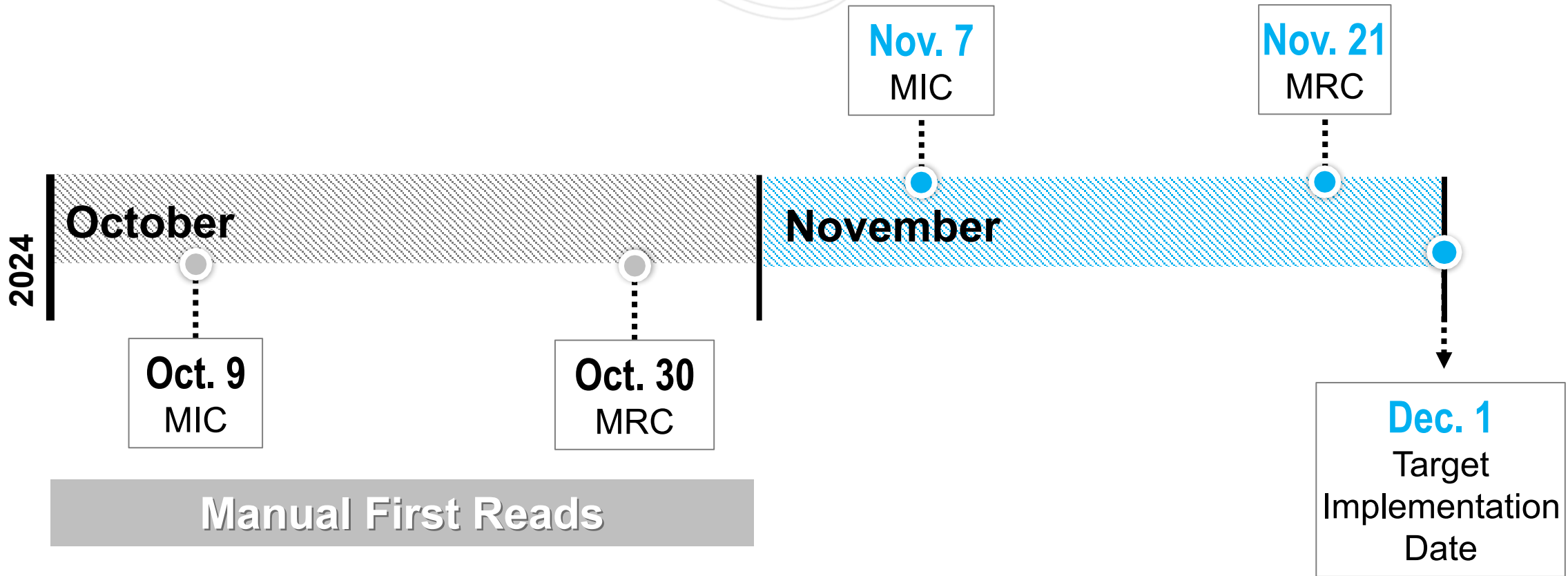
October 30, 2024

| Action Required | Deadline | Who May Be Affected |
|---|---|---|
| <p>Communicate Manual 28 updates to impacted staff</p>  | <p>11/21</p>  | <p>PJM Members and Market Participants</p>  |

- FERC Docket [ER23-2484](#)
 - Filing included Lost Opportunity Cost (“LOC”) revisions for Hybrids, ESR Model Participants, and Solar Resources
 - Hybrid LOC changes included in Hybrids Phase II initiative and approved by MC in February 2023
 - Solar resource LOC changes included in Renewable Dispatch initiative and approved by MC in May 2023
 - Target Implementation Date: **December 1, 2024**

- Section 5.2.6.4
 - Updated to include solar, hybrid, and Energy Storage Resource Participant Model resources
- $$\text{LOC Credit} = \frac{(\text{LOC Deviation} * \text{Real-time LMP}) - \text{Total Lost Opportunity Cost Offer}}{12}$$
 - LOC Deviation calculation is limited by actual forecasted output
 - Forecasted output is inclusive of state of charge, where applicable
 - Source for state of charge is real-time telemetry measurement data
 - Reference to Manual 14D added for PJM forecasting tool data requirements.

Second Reads/ Endorsements



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Member Hotline

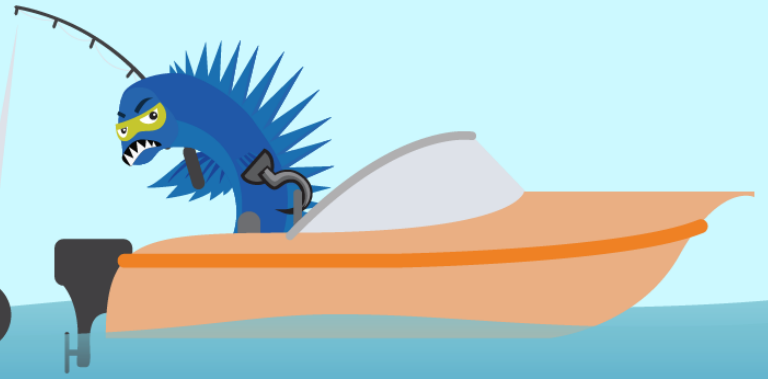
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