



# Manual 01: Control Center and Data Exchange Requirements, Revision 49

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Reliability Standards & Compliance  
Subcommittee

November 15, 2024

- Section 1.10 Planning Systems, Added reference to Manual 20A Resource Adequacy Analysis.
- Section 3.2.4.1
  - Updates to all rating and monitored equipment language for consistency with other PJM Manuals.

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- Quick Fix
- Section 3.2 Communication Method
  - Proposed revisions provide greater clarity regarding PJM's alternate communication method that can be used as a backup for a wide variety of large-scale SCADA failure modes
  - Proposed revisions include updated text (#2 section of for alternative non-EMS SCADA communications with latest description and guidance, including a diagram.4.1, Requirements for Electronic Alternate Data.

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- Section 4.5.3 Definitions
  - Update “rating” to “Transmission Facility Rating” for consistency with other PJM Manuals.
  - Replaced “When the final Step is cancelled” to “When all Capacity Emergency Procedure Steps (1-10) are cancelled” for clarity and precision.
  - Replaced “Load shed” with “Load Shed Directive” for appropriate term use.

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- Section 4.5.3, Update “facility rating” to “Transmission Facility Rating” for consistency with other PJM Manuals..
- Attachment A: Data Specification and Collection, Table B: EMS Services, changed definition of #8 for row B.6, which makes state of charge required for Open-Loop Hybrid Resources in addition to existing Energy Storage Resource Model Participant. These revisions conform to the FERC Order addressing the Hybrids Phase II solution.

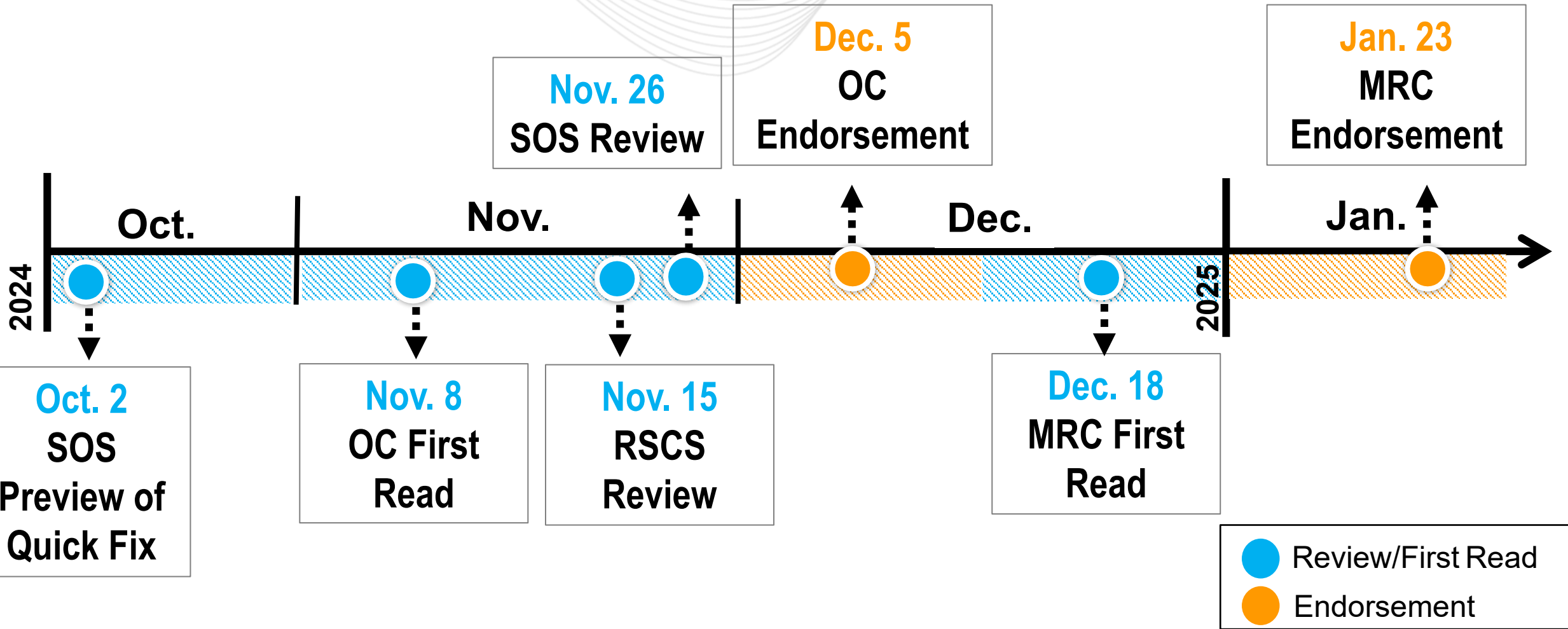
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- Quick Fix
- Attachment E: Reliability Guidelines to Mitigate the Unplanned Loss of EMS Real Time Assessment (RTA) Capabilities
  - Proposed revisions provide greater clarity regarding PJM’s “View-Only Mode” that allows PJM to negate incoming links during windows of planned maintenance, where risks of incorrect data are elevated.

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- Attachment F: Overview and Requirements for Remote Operations of Market Operations Centers due to Exceptional Circumstances, updated PJM personnel contacts.

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<ul style="list-style-type: none"><li>• M01 Periodic Review conducted annually</li><li>• Proposed revisions provide greater clarity to Manual 01 Section 3.2.4.1 &amp; Attachment E</li></ul>	<ul style="list-style-type: none"><li>• Administrative and conforming revisions captured in the Executive Summary</li></ul>	<ul style="list-style-type: none"><li>• Stakeholders should review revisions in preparation for the December 2024 OC &amp; January 2025 MRC votes</li></ul>

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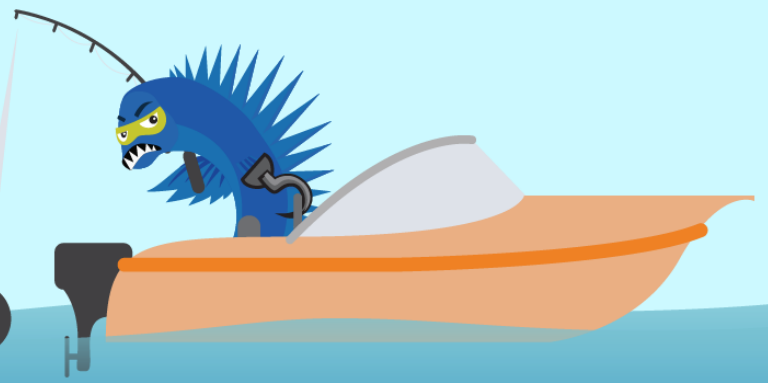
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