



# Manual 14D: Generator Operational Requirements Periodic Review

Mike Kelly, Principal Engineer

System Operations Subcommittee

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*Disclaimer: While materials are current at the time of publishing, applicable requirements may change. PJM Governing Documents control.*

- **Introduction: About this Manual**

- Updated references to number of sections and appendices within this manual

- **Section 2.1: Generator Owners' Responsibilities**

- Updated reference to [edartgosurvey@pjm.com](mailto:edartgosurvey@pjm.com) for questions related to Generation Owner data requests in eDART

- **Section 4.1: EMS Data Exchange Requirements**

- Updated reference to Exhibit 2: Guidelines for Metering Installation

- **Section 5.3.5: Markets and Operations Tools – eGADS**
  - Clarified unit availability is an input to PJM's accreditation process for capacity resources

### 5.3.5 eGADS

The Generator Availability Data System (GADS) enables the operators of generation units to submit performance data into PJM records for determination of unit availability. ~~Units are tracked on a rolling twelve-month basis for demand equivalent forced outages (EFORD) to determine their unforced capacity. Unit availability data serves as an input to PJM's accreditation process for capacity resources.~~ Operators are required to submit data monthly using the eGADS interface. New plant operators should contact PJM for user set-up.

- **Section 5.7.2.10: Generation Transfer Process – PJM Tools**
  - Updated reference to [edartgosurvey@pjm.com](mailto:edartgosurvey@pjm.com) for questions related to updating Generation Owner contact information in eDART

- **Section 7.3.6: Generation Owner Periodic Tasks and Data Submittals**

- Updated the guideline: Generation Owner Periodic Tasks and Data Submittals

Edits Include:

- Updated the Seasonal Fuel and Emissions Data Request section to reflect the new seasonal frequency of the data request

- **Section 7.3.6: Generation Owner Periodic Tasks and Data Submittals**
- Updated NERC MOD-026-1 & MOD-027-1 Data Submittals section title to remove MOD-027-1 and update to MOD-026-1 to MOD-026-2
- Updated the requirements section of NERC MOD-026-2 Data Submittals
- Added a bulleted item to the periodicity section of NERC MOD-026-2 Data Submittals to account for a configuration change at a facility
- Removed old department name under NERC MOD-026-2

- **Section 7.3.6: Generation Owner Periodic Tasks and Data Submittals**
- Added new section entitled Required Training for Operating Personnel to Required Tasks
- Added an additional way to submit data under the Systems Used to Collect Data section of the Restoration Drills task
- Updated Attachment A to reflect the new dates for - Annual Training for Operating Personnel (Jan 1 - Dec 31) and Initial Training for Operating Personnel (Within 6 months of an individual's qualification)

- **Section 7.3.6 Generation Owner Periodic Tasks and Data Submittals**
- Can be accessed three ways:
  1. Section 7.3.6 in M-14D
  2. [Generation Onboarding Section](#) of PJM website
  3. [Generation Section](#) of PJM website

- **Attachment D: PJM Generating Unit Reactive Capability Curve Specification and Reporting Procedures**
  - Updated references to Generation Owner to align with changes in Revision 46
- **Appendix A: Behind the Meter Generation Business Rules**
  - Updated contact information for submitting EMS quarterly model updates to PJM's Power Systems Modeling Group by the deadlines posted in the Modeling User's Forum

## Revisions related to Wind and Solar Resource Dispatch in Real-time Market Clearing Engines

- **Section 8: Wind Farm Requirements**
  - Restored reference to available "Curtaiment Indicator"
- **Section 12: Solar Farm Requirements**
  - Added reference to available "Curtaiment Indicator"
- **Attachment L: Jointly Owned Resource Communication**
  - Restored reference to "Curtaiment Indicator"

- Revisions related to Wind and Solar Resource Dispatch in Real-time Market Clearing Engines
- **Attachment M: Wind and Solar Unit Dispatchability Check List**
  - Revised language and guidance that includes available curtailment flag for wind and solar resources
  - Added reference to guidance following dispatch in PJM Manual 11: Energy & Ancillary Services Market Operations
- 2. The unit must electronically receive control signals, including Economic Basepoint and the Generator On Reason (GENRUNR). The unit must also receive Curtailment Flag if required to maintain Economic Basepoint.

- **Introduction: References**

- Updated reference to PJM Manual 21-B: Rules and Procedures for Determination of Generating Capability

- **Section 5.7.2.3: Fuel Cost Policy**

- Updated reference to PJM Manual 15: Cost Development Guidelines, Section 2.2: Fuel Cost Policies and Deadlines

- **Section 6.3.4: Coordination with Dispatch – Other Requirements**
  - Updated reference to PJM Manual M03, Transmission Operations, Section 3.11: Generator Voltage Schedules
- **Section 7.3.5: Fuel, Emissions and Operational Data Reporting Background and Intent**
  - Updated reference to PJM Manual 13: Emergency Operations, Section 3.3: Cold Weather Alert

- **Section 11.1.3: Dispute Resolution**

- Updated Reference to PJM Manual 33: Administrative Services for the PJM Interconnection Operating Agreement, Section 7: Dispute Resolution

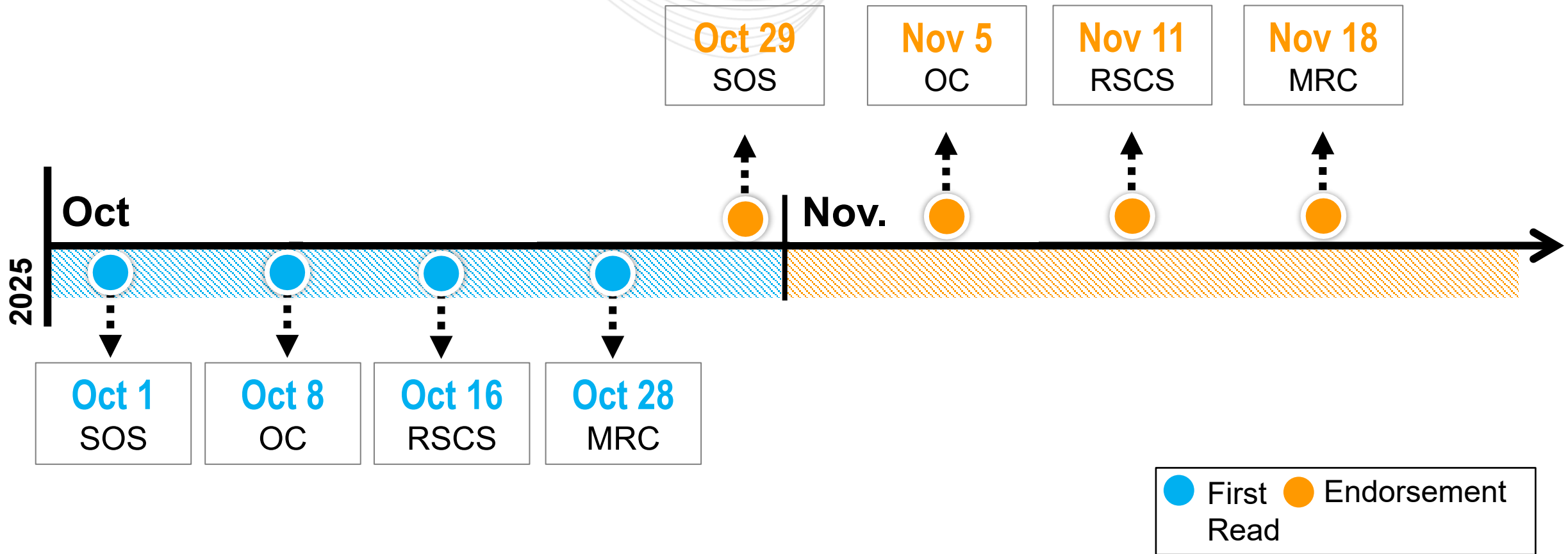
- **Attachment M: Wind and Solar Dispatchability Check List**

- Updated reference link to Markets Gateway User Guide

- **Attachment N: Cold Weather Preparation Guideline and Checklist**

- Omitted out of date references

- **Updated NERC Standards to exclude revision numbers throughout**
- **Corrected typos, punctuation errors, and hyperlinks throughout**



Presenter:  
Mike Kelly, [Michael.Kelly@pjm.com](mailto:Michael.Kelly@pjm.com)

## M14D Revision 72 Periodic Review



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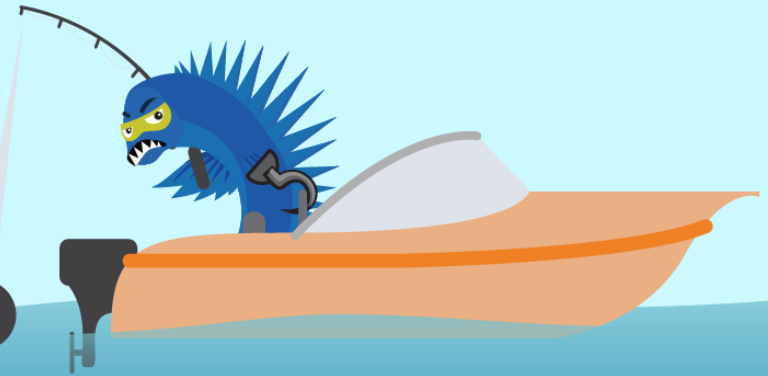
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[custsvc@pjm.com](mailto:custsvc@pjm.com)

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