

# Manual 14-D: Generation Operational Requirements Periodic Review

Ray Lee

Sr Lead Engineer, Generation, PJM

Operating Committee

October 8, 2025

- **Section 4.1.1: EMS Communications for Real-Time Data Exchange**

- Added information detailing how Voting Members will receive one PJMnet connection and can request up to five PJMnet connections which was inadvertently deleted
- Adjusted Exhibit 2 to reflect the correct aggregate generator thresholds for metering installation criteria
- Adjusted Exhibit 3 to reflect the correct aggregate generator thresholds for equipment types for data exchange

- **Section 4.1.4: PJM EMS Communication Protocols**
  - Added section detailing EMS communication protocols adhering to the ICCP standard which was inadvertently deleted

- **Section 7.3.5 Fuel, Emissions and Operational Data Reporting**
  - Added start-up issues to the list of resource limitations Generation Owners must update during a Cold Weather Advisory to align with M13 Section 3.1.1 and NERC TOP-002-5

- **Section 7.3.6 Generation Owner Periodic Tasks and Data Submittals**
- Periodic Task and Data Submittal Guideline document updates:
  - Clarified the guideline does not modify any obligations to PJM's Governing Agreements and other applicable legal and regulatory requirements
  - Updated responsible PJM department for NERC MOD-026/027 Data Submittals and Gen Model data (MOD-032 for Generator Owners)
  - Updated the description of how the data for Gen Model (MOD-032 for Generator Owners) is to be used
  - Added new section for the Cold Weather Operating Limit (CWOL) Data Requests
  - Added new section for the Cold Weather Advisory Drill
  - Updated Attachment A and Attachment B of the Periodic Tasks Document to incorporate Cold Weather Operating Limit (CWOL) Data Requests and Cold Weather Advisory Drill

- **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. PJM's Market & Operations -> System Operations webpage
    - a. [Generation Section](#)
    - b. [Generation Onboarding Section](#)

- **Section 10.3.3: Reliability Backstop Process Step 3**
  - Clarified requirement for impacted Transmission Owners to submit proposal(s) in response to a Reliability Backstop RFP
  - Clarified Capacity, Energy, and Ancillary market participation for resources awarded Black Start Service through a Reliability Backstop RFP and supported by PJM's FERC Filing Docket #ER14-2883-000.

- **Section 13.1 Mixed Technology Facility Requirements**
  - Removed retired reference to Manual 21A
- **Appendix A: Behind the Meter Generation Business Rules**
  - Changed reference to Manual 21B from retired Manual 21



- **Attachment E: PJM Generator and Synchronous Condenser Reactive Capability Testing**
  - Removed references to retired Manual 21 and Compliance Bulletin CB023
  - Clarified expectation for variable resources to perform reactive tests during high output periods

	Committee	Oct	Nov
Manual 14D Rev 69	SOS	● 10/1      ● 10/30	
	OC	● 10/10	★ 11/06
	MRC	● 10/23	★ 11/20
	RSCS	○ 10/17	

- *First Read*
- ★ *Endorsement*
- *Info Only*

Chair:

Anita Patel

[Anita.Patel@pjm.com](mailto:Anita.Patel@pjm.com)

Secretary:

David Mroz

[David.Mroz@pjm.com](mailto:David.Mroz@pjm.com)

SME/Presenter:

Ray Lee,

[Ray.Lee@pjm.com](mailto:Ray.Lee@pjm.com)

**M14D Rev 69 Periodic Review**



Member Hotline

(610) 666 – 8980

(866) 400 – 8980

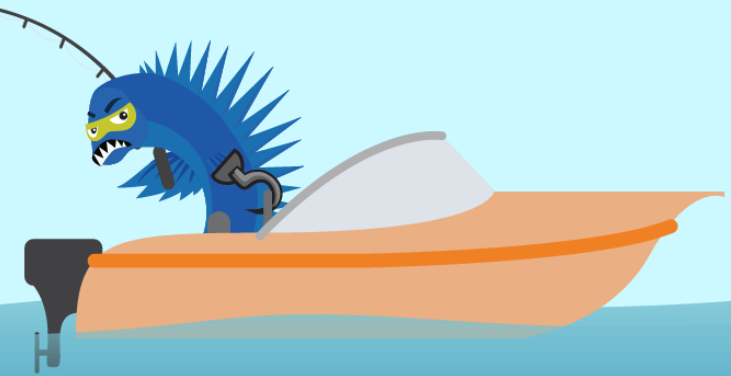
[custsvc@pjm.com](mailto:custsvc@pjm.com)

**PROTECT THE  
POWER GRID**

**THINK BEFORE  
YOU CLICK!**



**BE ALERT TO  
MALICIOUS PHISHING  
EMAILS**



**Report suspicious email activity to PJM.**  
Call (610) 666-2244 or email [it\\_ops\\_ctr\\_shift@pjm.com](mailto:it_ops_ctr_shift@pjm.com)