

Manual 14-D: Generation Operational Requirements Periodic Review

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System Operations Subcommittee

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- **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	Dec
Manual 14D Revision 70	SOS	● 10/1 ● 10/30		
	OC	● 10/10	★ 11/03	
	MRC		● 11/20	★ 12/17
	RSCS	○ 10/17		

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

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