



# Manual M14D Revision 39

## Generator Operational Requirements

RSCS Meeting  
July 15, 2016



## M14D Revision 39 – Summary of Changes (General)

- Periodic (Annual) review
- Administrative Change – Section 4.2.1, updated reference to M-01 for outage communication.
- Section 4.3.4 Data Exchange and Management Requirements – added details and clarifications of PMU and PDC requirements for new generation facilities.
- Section 7.1.2 Voltage and Reactive Control – replaced PJM System Operations Subcommittee Chair with the email address “VoltageScheduleExemption@pjm.com” for the location where requests for voltage schedule exemptions should be directed to.
- Administrative Change – Section 8 Wind Farm Requirements, updated Attachment L references to include new name



## M14D Revision 39 – Summary of Changes (General – cont'd)

- Attachment E: PJM Generator and Synchronous Condenser Reactive Capability Testing, added reference to Compliance Bulletin CB023 in Section E.2.
- Attachment G: PJM Generator Markets and Operations Process Flow Diagram – Deleted Attachment – information now included in the interconnection process via PJM's Client Manager
- Attachment H: corrected name to PJM Generation and Transmission Interconnection Planning Team Role Clarity Diagram
- Appendix A – Added reference to Manual 3a for directions to fulfill telemetry requirement.



## M14D Revision 39 – Summary of Changes (Cold Weather Resource Preparation)

- Section 7.5.1 Generation Resource Operational Exercise – revised to eliminate Capacity Performance resources from being eligible to participate (see slide 5). Also added link to form used for tracking unit testing results.
- Section 7.5.2 Generation Resource Cold Weather Checklist – added date to start the Cold Weather Checklist acknowledgement process.
- Attachment N: Cold Weather Preparation Guideline and Checklist – reviewed and updated and added references f. and g. to ReliabilityFirst’s presentation and report on winter preparedness.



## M14D Revision 39 Cold Weather Testing Program Revisions

Continue Cold Weather Testing program for all units for winter 2016-2017 with no changes to criteria (M14D, Section 7.5.1), except -

- Starting with winter 2016/17, revise eligibility requirements for program participation:
  - Generation resources having any MWs that cleared as Capacity Performance in the current Delivery Year are not eligible for participation in the cold weather testing and thus won't be scheduled by PJM for this exercise, but may elect to self-schedule to verify cold weather operation (*CP resources*).
  - Eligible resources that elect to participate and are scheduled by PJM, will operate and be compensated as a pool-scheduled resource on their cost based schedule for the duration of the exercise per the Tariff (*Non-CP resources*).

- Self scheduled resources (*CP or non-CP resources*):
  - All generation resources, including Capacity Performance Resources not scheduled by PJM, may elect to self-schedule to verify cold weather operation and will be compensated as a self-scheduled resource as allowed by the Tariff.
  - PJM prefers that any unit electing to self-schedule to perform a cold weather operational exercise also submit an informational eDART ticket documenting the exercise.
- Testing results (*CP or non-CP resources*):
  - PJM requesting testing results information from both PJM-scheduled or self scheduled units within 5 days after test via form provided by PJM

- First Reads, Second Reads, Endorsements:
  - SOS: July 27, 2016, August 31, 2016
  - OC: July 12, 2016, August 9, 2016 (**Endorsement**)
  - RSCS: July 15, 2016
  - MRC: July 28, 2016, August 25, 2016 (**Endorsement**)