

# Manual 14-D

## Generator Operational Requirements

### Revision 62 – Periodic Review

Darrell Frogg  
Lead Engineer, Generation  
Markets and Reliability Committee  
December 21, 2022

- Section 2.1 Generation Owner Responsibilities
  - Added clarification for the requirement to complete eDART GO Contact Survey
- Section 3 Control Center Requirements
  - Aligned language with Manual 1: Control Center Requirements for consistency
  - Removed language that is duplicative with Manual 1 and referenced M-1 where appropriate

- Section 3.2.4 Control Center Staffing Requirements
  - Added reference to M-1, Attachment F: Overview and Requirements for Remote Operations of Market Operations Centers due to Exceptional Circumstances
- Section 4 Data Exchange and Metering Requirements
  - Section 4.1 – Renamed from Computer System Data Exchange to EMS Data Exchange
  - Aligned language with Manual 1: Control Center Requirements for consistency
  - Removed language that is duplicative with Manual 1 and referenced M-1 where appropriate

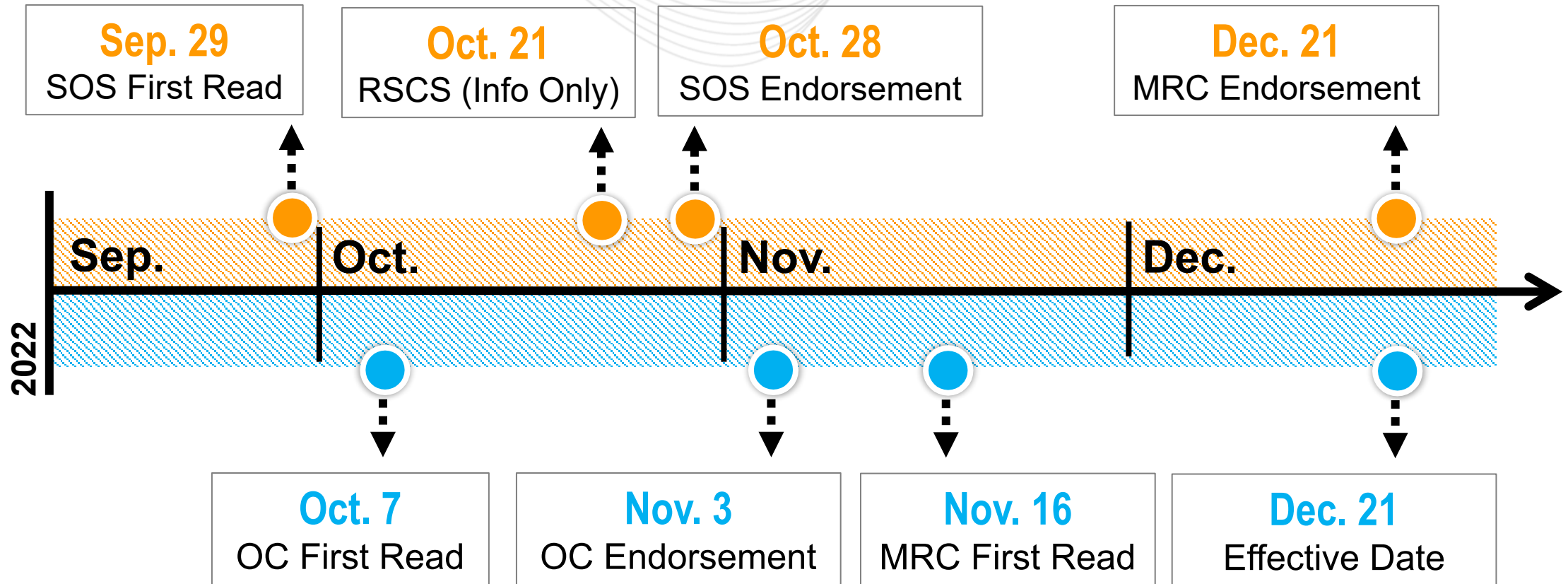
- 5.1.3 PJM Reserve Markets
  - Updated language to reflect changes related to Energy Price Formation filing that were effective on 10/1/22
- 5.4.2 The Day-Ahead Market
  - Updated language to reflect changes related to Energy Price Formation filing that were effective on 10/1/22
- Section 5.4.4 Grid Accounting
  - Removed duplicative language and replaced with references to appropriate settlements and accounting manuals

- Section 7.1.1 Generator Real-Power Control
  - Clarified the expectation that Generating Facilities are expected to follow economic basepoint unless operating as non-dispatchable
- Section 7.3.1 Planned Outage
  - Clarified requirement for TO approval of outages for Black Start Units
- Section 7.3.2 Maintenance Outage
  - Clarified requirement for TO approval of outages for Black Start Units
- Section 7.3.3 Unplanned Outage
  - Clarified expected time for submitting an Unplanned Outage ticket

- Section 8.1 - Renamed from Computer System Data Exchange to EMS Data Exchange
- Section 10.1.1 Black Start Selection - Frequency
  - Added reference to PJM’s obligation to perform black start studies every 5 years and clarified expectations for resources currently providing Black Start Service
- Section 12.1 - Renamed from Computer System Data Exchange to EMS Data Exchange

- Various spelling and grammatical changes throughout
  - Capitalized Black Start Units and Black Start Service for consistency with PJM governing documents
  - Replaced references to voice communications with interpersonal communications to align with NERC Standard COM-001
- Attachment “N”: Cold Weather Preparation Guideline and Checklist
  - Removed outdated link to RF Winterization Guideline

# Manual 14-D, Rev 62 Review / Approval Timeline





Facilitator:  
Stu Bresler,  
[Stu.Bresler@pjm.com](mailto:Stu.Bresler@pjm.com)

Secretary:  
Dave Anders, [David.Anders@pjm.com](mailto:David.Anders@pjm.com)

SME/Presenter:  
Darrell Frogg, [Darrell.Frogg@pjm.com](mailto:Darrell.Frogg@pjm.com)

## **Manual 14D – Generator Operational Requirements Revision 62, 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.**  
(610) 666-2244 / [it\\_ops\\_ctr\\_shift@pjm.com](mailto:it_ops_ctr_shift@pjm.com)

