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Manual 14-D, Revision 53

Generator Operational Requirements

Periodic Review

Darrell Frogg
Sr. Engineer, Generation – PJM
Operating Committee
September 3, 2020

- Section 7.5.1 Generation Resource Operational Exercise
 - No longer PJM administered
 - Provides guidance on timing and scheduling
 - Recommends GO self-scheduled testing
 - Scheduling day-ahead preferred
 - eDART ticket still required

- Section 7.1.2 Voltage and Reactive Control
 - Clarified PSS requirement following an AVR replacement
 - Removed reference to email as alternative for voltage schedule communications
- Section 7.3 Critical Information and Reporting Requirements
 - Clarified that change of state includes changing output of self-scheduled units
- Section 7.5.2 Generation Resource Cold Weather Checklist
 - Added clarification on timing based on latest NERC guidance

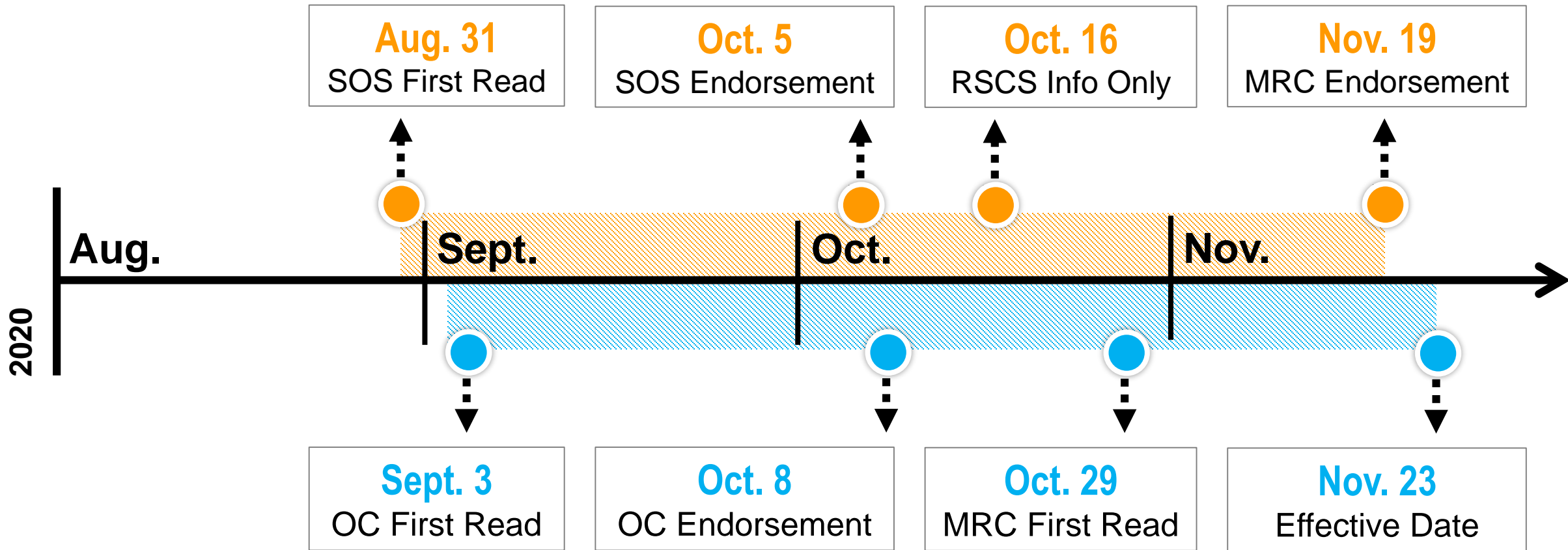
- Section 10.1.H Implementation of Black Start Solutions
 - Clarified language regarding Black start terminations

- Attachment E: PJM Generator and Synchronous Condenser Reactive Capability Testing
 - Section E.1 Objective
 - Added additional clarification regarding the intent of the testing
 - Section E.2 General Requirements
 - Reworded to improve readability
 - Section E.3 Testing Requirements
 - Clarified testing requirements that apply to units not required to perform a PJM reactive capability test
 - Section E.8 Post-Test Evaluation
 - Clarified the fact that PJM may update D-curve for reliability reasons

- Attachment N: Cold Weather Preparation Guideline and Checklist
 - Updated to reflect changes suggested in latest NERC Guideline
 - Added link NERC Lessons Learned
 - Added reference to joint NERC/FERC Report on south central US cold weather event – January 2018

- Section 7.1.2 Voltage and Reactive Control
 - Aligned language with language in Manual 3
- Corrected typographical errors in multiple sections
 - Section 3.2.4 Control Center Staffing Requirements
 - Section 8.2.3 Real Time Meteorological Tower
 - Section 12.2.3 Real Time Meteorological Station
- Appendix 'A' Behind the Meter Generation Business Rules
 - Changes to align with current business practices

Manual 14-D, Rev 53 Review / Approval Timeline



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Manual 14-D, Rev 53 – Periodic Review



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