



M-13 Revision 91

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- Summary of changes
 - Section 2.3.2 & 5.2 updated to align M-13 with recent PAI changes
 - **Quick Fix PS/IC**
 - Section 2.3.2 & 5.2; Section 4.3, 4.4, 4.4.3 all updated to include PJM's DOE-417 event reporting
 - Attachment A: Public Notification Statements updated

- Section 2.3.2 Notes that are deleted regarding PAI
 - First note that referred to all Steps 1-10

2.3.2 Real-Time Emergency Procedures (Warnings and Actions)

All warning and actions are issued in real-time. Warnings are issued during present operations to inform members of actual capacity shortages or contingencies that may jeopardize the reliable operation of the PJM RTO. Disturbance control actions per NERC standard BAL-002 are described in PJM Manual 12, "Balancing Operations" (M-12), Section 4, "Providing Ancillary Services". Generally, a warning precedes an associated action. The intent of warnings is to keep all affected system personnel aware of the forecast and/or actual status of the PJM RTO.

Note:

All Warnings and Actions listed in Steps 1 to 10 below will trigger a capacity **Performance Assessment Internal (PAI)** as detailed in *PJM Manual 18, PJM Capacity Market*.

- Step 1: Pre-Emergency Load Management Reduction Action
- Step 2: Emergency Load Management Reduction Action
- Step 3: Primary Reserve Warning
- Step 4B: Emergency Voluntary Energy Only Demand Response Reduction Action
- Step 6: Curtailment of Non-Essential Building Load

- Modified note regarding PAI:
 - PAI note: Issuance of this procedure **combined with a Primary Reserve shortage** will trigger a capacity Performance Assessment Interval (PAI) as detailed in PJM Manual 18, PJM Capacity Market
- Steps that this applies to:
 - Step 4A: Maximum Generation Emergency Action
 - Step 5: Voltage Reduction Warning & Reduction of Non-Critical plant load
 - Step 8: Manual Load Dump Warning

- Notes that were **not** changed/ deleted regarding PAI:
 - Step 7: Deploy All Resources Action
 - Step 9: Voltage Reduction Action
 - Step 10: Manual Load Dump Action

- Section 5.2 Transmission Security Emergencies Procedures
 - Same changes made for steps that are in section 2.3.2 regarding PAI's
 - Updated notes in section 5.2 to match formatting in section 2.3.2

Section 5.2

Step 10 (Real-time): Manual Load Dump Action

Issuance of this procedure will trigger a capacity **Performance Assessment Interval (PAI)** as detailed in *PJM Manual 18, PJM Capacity Market*.

Section 2.3.2

Step 10 (Real-time):

Manual Load Dump Action

Note:

Issuance of this procedure will trigger a capacity **Performance Assessment Interval (PAI)** as detailed in *PJM Manual 18, PJM Capacity Market*.

- ***Problem Statement***

- After a public notification statement was declared in December of 2022, the procedure was reviewed after the fact for accuracy
 - It was determined there was a need to better highlight the urgency of a conservation request, clarify that request is being made of all electricity users, not just residential customers, and provide more specific energy conservation tips
- PJM has a DOE-417 requirement for reporting when declaring such an event
 - M-13 was reviewed to better integrate this step with other emergency procedures for better clarity.

- ***Issue Content***

- The goal is to provide additional clarity to the existing public notification and associated DOE-417 procedure

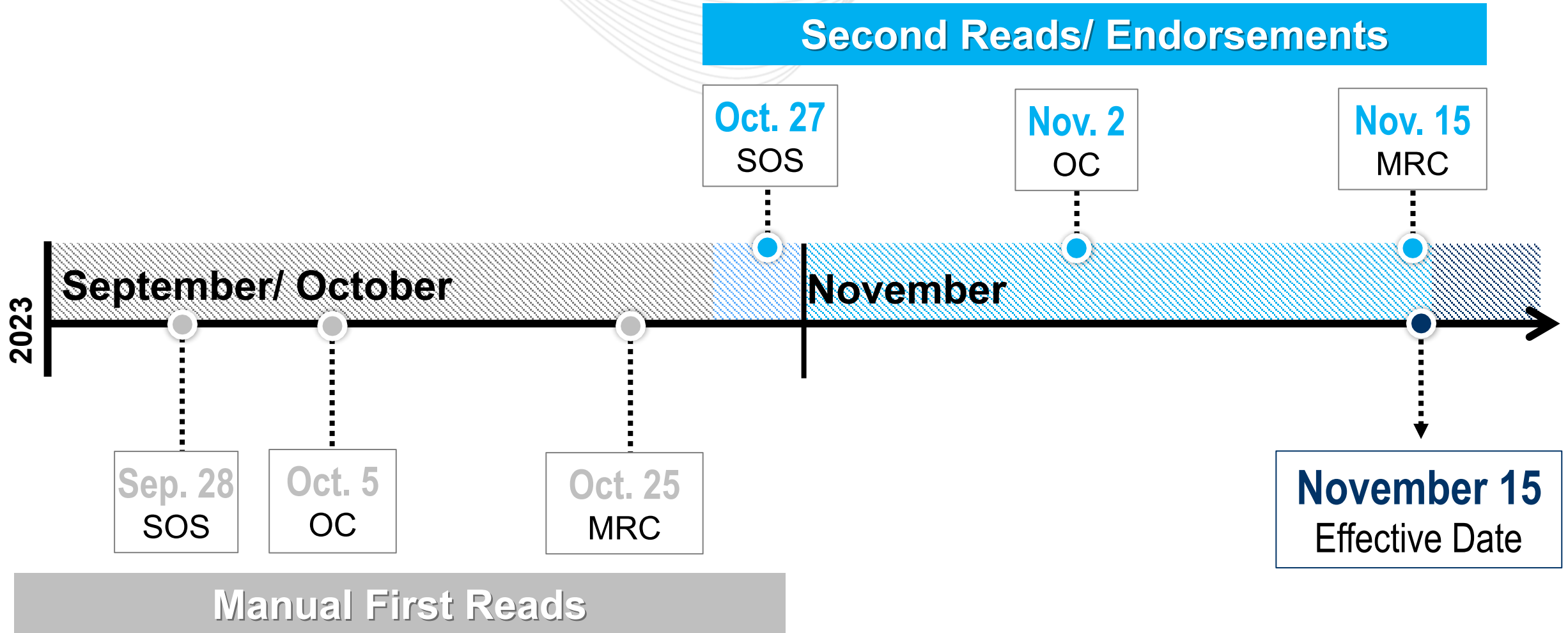
- ***Expected Deliverables***

- M-13 edits to Section 2.3.2 & 5.2; Section 4.3, 4.4, 4.4.3 to include PJM's DOE-417 event reporting and Attachment A: Public Notification Statements

DOE-417 reporting

- Section 2.3.2 Note added
 - If public appeals to conserve electricity is issued, during any of the below steps PJM Dispatch notifies impacted members via All-Call, post to Emergency Procedures page, and submit DOE-417 report to DOE, NERC and RF and/or SERC.
- Section 2.3.2; Section 5.2 Steps 9, 10 notes added there to submit DOE-417
- Section 4.3, 4.4, 4.4.3
 - Notes added under PJM actions to submit DOE-417 reports

- Attachment A: Public Notification Statements
 - Account for updates to PJM’s writing and grammar style
 - Better highlight the urgency of a conservation request
 - Clarify that request is being made of all electricity users, not just residential customers
 - Provide more specific energy conservation tips



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