

# Manual 13, Revision 80

## Emergency Operations

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Dispatch

Reliability Standards & Compliance Subcommittee

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- Section 2.3.2 Real Time Emergency Procedures (Warnings/Actions)
  - Added Note under PJM Member Actions for Step 10 (Real-Time): Manual Load Dump Action to articulate expectations of Member Load shed plans
  
- Section 5.5 Interconnection Reliability Operating Limits (IROL) Manual Load Dump Warning/Action
  - Added Note under PJM Member Actions to articulate expectations of Member Load shed plans

- **Note: Member Load shed plans must recognize priority and critical load including:**
  - Essential health and public safety facilities such as hospitals, police, fire facilities, 911 facilities, wastewater treatment facilities
  - Facilities providing electric service to facilities associated with the bulk electric system including off-site power to generating stations, substation light and power
  - Critical gas infrastructure used to supply gas pipeline pumping plants, processing and production facilities
  - Telecommunication facilities
- **Plans should be reviewed and updated at least annually including Attachment F and N of M-13**
- **Consider using automated programs in members EMS to facilitate shedding the specified amount of load with the required timeline**
- **Rotate load that is shed when feasible to reduce impact to end use customers**

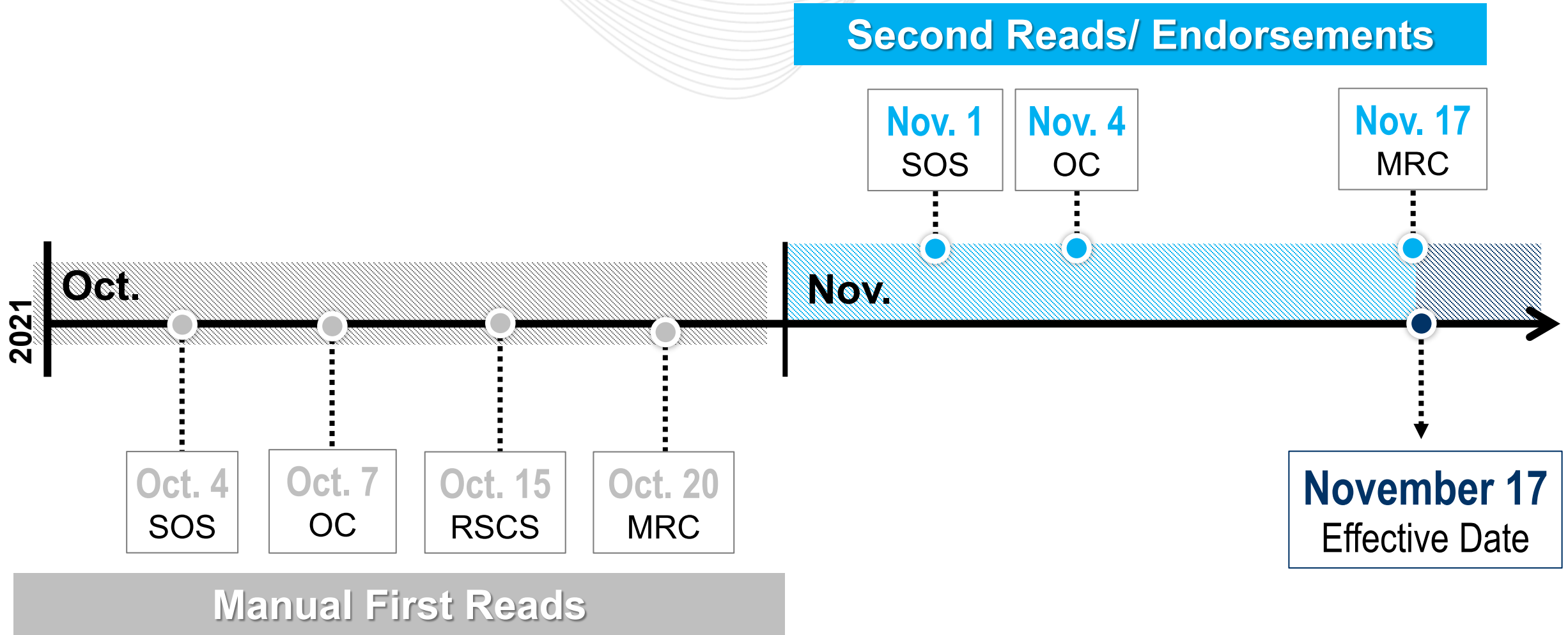
- Section 6.4 Resource Limitation Reporting
  - Updated the Operation of Resource Limited Units when PJM will request or require units to be bid in Maximum Emergency category
  - Updated Exhibit 5: Resource Limitations Reporting

CT	< 72 hours	Report as Resource Limited in Markets Gateway
	< 24 hours	Update Max Run fields in Markets Gateway
	< 16 hours	Verbally notify PJM Master Coordinator
	< 16 hours	Can be placed in Max Emergency during normal operating conditions
	< 16 hours	Place in Max Emergency (if PJM issues Cons. Ops/Hot/Cold Weather Alert)
Steam	< 72 hours	Report as Resource Limited in Markets Gateway
	< 32 hours	Verbally notify PJM Master Coordinator
	< 32 hours	Can be placed in Max Emergency during normal operating conditions
	< 32 hours	Place in Max Emergency (if PJM issues Cons. Ops/Hot/Cold Weather Alert)
	< 24 hours	Update Max Run fields in Markets Gateway

- Section 6.4 Resource Limitation Reporting
  - Added Note under Real-Time Reporting section

**NOTE:** During the interim period expiring no later than April 1, 2022. PJM may elect to move fuel or emissions limited steam units into Maximum Emergency category if the resource's remaining run hours fall below 240 hours (10 days). This would only be implemented to address concerns with local or regional reliability.

- Attachment E: Manual Load Dump Allocation Tables
  - Updated Exhibit 7: PJM Manual Load Dump Allocation Table with 2021 information
  - Corrected name of Exhibit 7
- Attachment F: PJM Manual Load Dump Capability
  - Updated Exhibit 8: PJM Manual Load Dump Capability with 2021 information
  - Corrected name of Exhibit 8
- Attachment N: IROL Load Dump Table
  - Updated Load Dump Table with 2021 information



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