



# Summary of M-13 Rev. 67 Changes

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Engineer, Transmission Operations  
Markets and Reliability Committee  
October 25<sup>th</sup>, 2018

- Now Revision 67
- Excluded proposed change to Section 3.1
- Section 4.5.2 - Transmission Owners requested language revision

Vetted and Approved by other committees

## Overview of Changes:

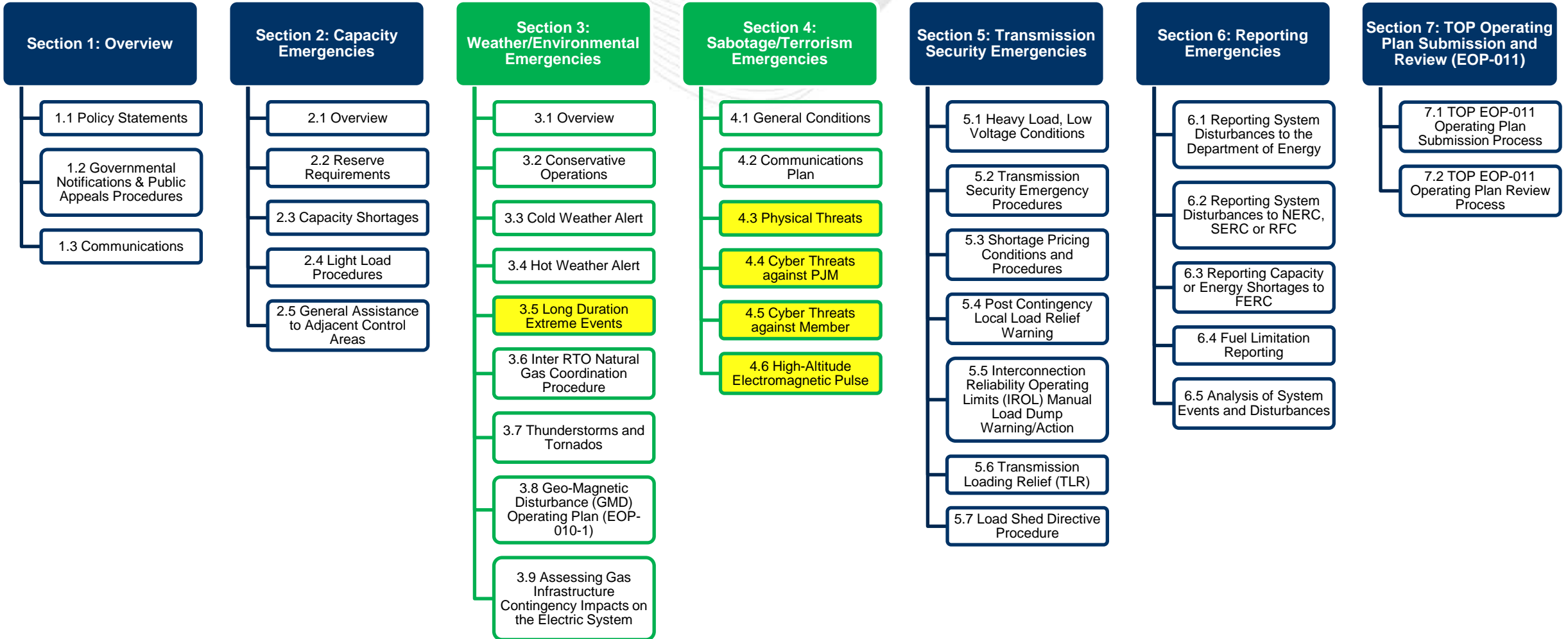
- Cover to Cover Periodic Review
- ~~Section 3.1 added language to increase burn hour requirements when long duration extreme events are forecasted~~
- Section 3.2 added “Production System Freeze Change” to Conservative Ops
- Section 3.3
  - Corrected formatting for Day-Ahead commitment instructions
  - Added reference to M-11 regarding PLS schedules
- Section 3.4 Added reference to M-11 regarding PLS schedules
- New Section 3.5 added for “Long Duration Extreme Events”
  - Old Sections 3.5, 3.6, 3.7, and 3.8 renumbered accordingly
- Section 3.6 added language for disabling auto-reclose
- Section 4.1 deleted Exhibit 4 table
  - Former Exhibit 4 content reformatted and inserted into existing section 4.1 and new sections 4.3 and 4.4

- Section 4.2: Added language to outline communication between PJM, its members and the E-ISAC with regards to potential cyber or physical attacks
- New section 4.3 for PJM operational procedure for physical threats
- New section 4.4 for PJM operational procedure for cyber threats against PJM
  - New section 4.4.1 for loss of ICCP or EMS capabilities operational procedure
  - New section 4.4.2 for loss of internet operational procedure
  - New section 4.4.3 for loss of all telecommunications operational procedure
- New section 4.5 for PJM operational procedure for cyber threats against member company
- New section 4.6 for PJM operational procedure for High-Altitude Electromagnetic Pulse
- Section 5.4 General language clarifications and modifications for consistent use and spelling of terms
- Section 5.4.1 language clarifications based on internal Root Cause Analysis recommendations
- Section 6.4 added language to adjust “Resource Limited Unit” reporting time-frame and minimum run time requirements to place additional Fuel Limited Resources into the Maximum Emergency Category during long duration extreme weather events.
- Annual updates to Attachments E, F, and N



# PJM Manual 13: Emergency Operations

## New Proposed Sections



- Requesting Endorsement from Markets and Reliability Committee
- Contact Dean Manno ([dean.manno@pjm.com](mailto:dean.manno@pjm.com)) with questions
- Schedule:
  - October 9<sup>th</sup>: OC Meeting, received endorsement
  - October 25<sup>th</sup>: MRC Meeting, request for endorsement
  - November 1<sup>st</sup>: M-13 Rev. 67 target effective date