Manual M-13 Changes

March 2014
Overview

• Load Management Specific changes to sections 2.3 and 5.2
• Hot/Cold Weather lessons learned changes
• General changes
• Green indicates a revision since the first read
• Load Management rule changes:
  - New categories: Pre-Emergency and Emergency
  - New notification times: 30, 60 and 120 minutes notice
  - Sub-zonal Load Management is permissible
- Exhibit 1 Action steps modified to reflect Pre-Emergency and Emergency Load Management
- Added language to the Maximum Emergency Generation Alert to include notice that Load Management may be required.
- Updates to Steps 1 and 2 to reflect the new categories and times.
- Noted that the minimum duration is 1-hr
- Added clarification that the official notice for CSPs to dispatch DR resources is the eLRS System. Emergency Procedures (EPs) will continue to be posted.
  - The All-Call will continue to be issued but will be generic and indicate that DR has been called and that details are available on the EP website.
- Deleted Note 3 due to redundancy
- Eliminated Part C of the SSR for reporting of Load Response. These values will already be provided to PJM through the eLRS system by the CSPs.
• Sections 2.3 and 5.2
  – Alerts to be issued ‘in advance of the operating day’, not just day ahead.
  – Revised steps under the Primary Reserve Alert, Warning and Actions to clarify that PJM does not grant environmental waivers but will work with the GO if requested/notified.
  – Added a note to the Voltage Reduction alert to indicate staffing will be expected at stations that do not have SCADA control but are needed to implement a voltage reduction
  – Revised the Emergency Bid Form to indicate that email will be the primary means to submit the form, with fax serving as a back-up.
  – Clarified that Manual Load Shed is expected to be implemented in 5-minutes if Directed
Hot/Cold Weather lessons learned related changes

• Section 3.3: Cold Weather Alert
  – Alerts to be issued ‘in advance of the operating day’, not just day ahead.
  – Changed the FE control zone names to the new naming convention
  – Added a note that PJM Dispatch will reach out to gas-fired generation owners to validate fuel supplies.

• Section 3.4: Hot Weather Alert
  – Alerts to be issued ‘in advance of the operating day’, not just day ahead.
  – Changed the FE control zone names to the new naming convention
  – Revised temperature triggers for a HWA for EKPC and Dominion to 93-degrees

• Section 5.4 Post Contingency Local Load Relief Warning
  – Added a step to indicate a “Load Shed Directive” message will be posted to the EP site if load shed is Directed.
• Section 5.4.1: Post-Contingency Load Dump Limit Exceedance Analysis
  – Added clarifying language to indicate pre-contingency load shed will not be directed in the case of a radial load pocket
• **Section 2.2 Reserve Requirements**
  – Corrected the Primary and Synchronized Reserve requirements to cover the “largest single contingency”, not just the “largest unit”.
    • This is not an operational change but rather a clarification to ensure the manual more accurately aligns with Ops.

• **Section 2.4.8 High System Voltage**
  – Revised the Black Oak SVC voltage settings based on changes in the field.