SEVENTY-FIVE YEARS OF RELIABILITY THROUGH RELATIONSHIPS
Project 2015-08
Emergency Operations

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Background

• Emergency Operations Periodic Review Team
  • EOP-004-2 – (1) Revise the standard and attachment and (2) retire Requirement R3;
  • EOP-005-2 – Revise the standard;
  • EOP-006-2 – (1) Revise the standard and (2) retire Requirements Parts R1.2, R1.3, and R1.4; and
  • EOP-008-1 – Revise the standard.

• Split standards for posting
  • EOP-004-4 – passed initial ballot
  • EOP-005-3, EOP-006-3, EOP-008-2 – failed initial ballot

• SDT meeting October 3rd – 7th
  • Review and respond to comments
  • Make any needed revisions to the standard

• My Background
  • Work specifically with EOP-005-2 & EOP-006-2
EOP-004-4
Event Reporting
Common Comments/Concerns
EOP-004-4

• Collaboration with the United States Department of Energy and the Event Analysis Subcommittee in aligning reporting requirements.

• R2 - When reporting an event...
  • Holidays should be included in the same manner as weekends
  • Clarify the term “recognition”

• Attachment 1...
  • Better alignment with the Event Analysis process
    • Removal of “Transmission Loss” Event Type
    • Increase ERCOT’s generation loss criteria to 1,400 MW
    • “Complete loss of off-site power to a nuclear generating plant (grid supply)”
      • Loop event
EOP-004-4

- Attachment 1… (cont.)
  - Add “Alternate Interpersonal Communication” to Event Type “Complete loss of Interpersonal Communication capability at a BES control center”
  - Public appeal for load reduction
    - “…maintain continuity of the BES” clarification?
  - Capitalize “control center” – NERC defined term

- Attachment 2…
  - Further align based on changes to Attachment 1
  - Duplicate “Unplanned BES control center evacuation” check box
EOP-005-3
System Restoration from Blackstart Resources

Common Comments/Concerns
EOP-005-3

- **R1 – Develop & implement**
  - Unity across EOP-005-3 and EOP-006-3
  - Retain R7, R8
  - “…to a state whereby the choice of the next Load…” removal expands the scope, removes defined end point

- **R4 – TOP shall update and submit to its RC for approval…**
  - History Lesson!
  - Proposed 30 day window would be a difficult time frame to meet without “planned” being used
  - Possible addendum used during temporary changes that doesn’t need official approval?

- **The “15 Calendar Months” War**
  - Attempt to align with other standards
  - Go back to annual!

- **“Implementation” vs “Effective”**
  - Which date-type is better
EOP-006-3
System Restoration Coordination
Common Comments/Concerns
EOP-006-3

- **R1** – **Develop, maintain, and implement**
  - Unity across EOP-005-3 and EOP-006-3
  - R3 covers “maintain”
  - Remove maintain? Split R1? Clarify language

- **“Neighboring” vs “Adjacent”**
  - Consistency across the board

- **GO BACK TO ANNUAL!?!**

- **R8** – RC shall conduct two System restoration drills…
  - More clarity as to who should be invited to these drills
    - “Transmission Operator *which has a role*...”
EOP-008-2
Loss of Control Center Functionality
Common Comments/Concerns
• R1 1.2.3
  • “Voice communications” vs “Interpersonal Communication”

• R5
  • “…any changes to any part of the Operating Plan…”
    • Clarify in order to require that only changes that change the ability to implement the operating plan require an update and approval

• 15 calendar months OK!?!
Questions/Comments?
Resources

• **Periodic Review – Project 2015-02**

• **Standard Drafting Team**
  • [http://www.nerc.com/pa/Stand/Pages/Project-2015-08-Emergency-Operations-Related-Files.aspx](http://www.nerc.com/pa/Stand/Pages/Project-2015-08-Emergency-Operations-Related-Files.aspx)