



75

SEVENTY-FIVE YEARS OF
RELIABILITY THROUGH RELATIONSHIPS



Project 2015-08

Emergency Operations

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Operations Analysis and Support

SDT Member

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

EOP-008-2

- 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
 - <http://www.nerc.com/pa/Stand/Pages/Project-2015-02-Emergency-Operations-Periodic-Review.aspx>
- Standard Drafting Team
 - <http://www.nerc.com/pa/Stand/Pages/Project-2015-08-Emergency-Operations.aspx>
 - <http://www.nerc.com/pa/Stand/Pages/Project-2015-08-Emergency-Operations-Related-Files.aspx>