FERC, NERC, and Regional Activities

Becky Davis
NERC Compliance
Reliability Standards & Compliance Subcommittee
February 18, 2021
<table>
<thead>
<tr>
<th>Standards</th>
<th>Project</th>
<th>Action</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRC-005-6</td>
<td><strong>Project 2019-04</strong> Modifications to PRC-005-6 Standards Authorization Request (SAR)</td>
<td>Formal Comment Period</td>
<td>02/26/2021</td>
</tr>
</tbody>
</table>

**Background:**
- The North American Generator Forum (NAGF) submitted a SAR to NERC seeking to revise PRC-005-6 Protection System, Automatic Reclosing, and Sudden Pressure Relaying Maintenance to clarify the applicability of the protective functions within an Automatic Voltage Regulator (AVR) and provide the prescribed maintenance activities in the reliable planning and operation of the Bulk Electric System (BES).

- On February 04, 2021, Industry Webinar. The drafting team will explain the challenges and changes made to the SAR.
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</thead>
<tbody>
<tr>
<td>EOP-011-2</td>
<td><strong>Project 2019-06</strong> Cold Weather</td>
<td>Formal Comment Period &amp; Balloting</td>
<td>03/12/2021</td>
</tr>
<tr>
<td>IRO-010-4</td>
<td></td>
<td>Join Ballot Pools</td>
<td>02/25/2021</td>
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<tr>
<td>TOP-003-5</td>
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**Background:**
- The FERC and NERC staff report titled *The South Central United States Cold Weather BES Event of January 17, 2018* was released in July 2019. Following the report, SPP submitted a SAR proposing a new standard development project to review and address the recommendations in the Report.

**Revisions to:**
- EOP-011-2 Emergency Preparedness
- IRO-010-4 Reliability Coordinator Data Specification and Collection
- TOP-003-5 Operational Reliability Data

**Implementation Plan:**

Background:
- This reliability guideline is intended to provide recommended practices for the management of an appropriate mix of Operating Reserve as well as readiness to respond to loss of load events. It also provides guidance with respect to the management of Operating Reserve required to meet the NERC Reliability Standards. The guideline applies primarily to Balancing Authorities (BAs) or, as appropriate, contingency reserve sharing groups (RSGs), regulation RSGs, or frequency response sharing groups.

- Comment Matrix (matrix is in Excel format): Draft Reliability Guideline - Operating Reserve Management: Version 3 Comment Matrix
## Background:
- The NERC Resources Subcommittee (RS) drafted this reference document to cover balancing and frequency control concepts, issues, and recommendations. This document is intended to explain the concepts and issues of balancing and frequency control. The goal is to provide an understanding of the fundamentals. Nothing in this document is intended to be used for compliance purposes or to establish obligations.

- Comment Matrix (matrix is in Excel format): [Draft Balancing and Frequency Control Reference Document - Comment Matrix](#)

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<tr>
<td>Draft Reference Document</td>
<td><strong>Draft Reliability Guideline</strong> – Frequency Control Reference Document</td>
<td>Comments via email</td>
<td>03/21/2021</td>
</tr>
</tbody>
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NERC

- Request for Volunteers: NERC Electromagnetic Pulse Working Group

If you are interested in participating in EMPWG, please email Tom Hofstetter and indicate in your response which team(s) you would like to support and why, as well as a brief biography.

Additional information: https://www.nerc.com/news/newsletters/Newsletters/NERCNews-2021-1.pdf (page 5)
• Updated: Registered Entity Self-Report and Mitigation User Guide

• Informational Webinar – Update on IEEE P2800 Activities
  – Standard for Interconnection and Interoperability of Inverter-Based Resources (IBR) Interconnecting with Associated Transmission Electric Power Systems
  – February 18, 2021 I 1300-1400 Eastern
  – IEEE Project 2800 Website
    • https://standards.ieee.org/project/2800.html
NERC launched a new quarterly ERO Enterprise compliance podcast called “Currently Compliant”

- Hosted by ERO Enterprise Subject Matter Experts
- To be viewed like a Q&A session

Episode 1
Focuses on PRC-019-2 R1
The first video of the first episode may be accessed via the following link:
https://vimeopro.com/nerclearning/currently-compliant-podcast/video/508484613
• ReliabilityFirst
  – Technical Talks with RF
    • February 22, 2021
    • March 15, 2021
    • April 19, 2021

  Scheduled one week later than normal to accommodate President’s Day

• SERC Reliability Corporation
  – Outreach Event FAC-008 Webinar
    • February 23, 2021
Facilitator:
Monica Burkett
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Secretary:
Ashwini Bhat
Ashwini.Bhat@pjm.com

SME/Presenter:
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Appendix
## U.S. Effective Dates of NERC Standards

<table>
<thead>
<tr>
<th>Effective Date</th>
<th>Standards</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 1, 2021</td>
<td>FAC-002-3 Facility Interconnection Studies</td>
</tr>
<tr>
<td></td>
<td>INT-006-5 Evaluation of Interchange Transactions</td>
</tr>
<tr>
<td></td>
<td>INT-009-3 Implementation of Interchange</td>
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<tr>
<td></td>
<td>IRO-002-7 Reliability Coordination – Monitoring &amp; Analysis</td>
</tr>
<tr>
<td></td>
<td>IRO-010-3 Reliability Coordinator Data Specification &amp; Collection</td>
</tr>
<tr>
<td></td>
<td>MOD-031-3 Demand and Energy Data</td>
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<tr>
<td></td>
<td>MOD-033-2 Steady-State &amp; Dynamic System Model Validation</td>
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<tr>
<td></td>
<td>NUC-001-4 Nuclear Plant Interface Coordination</td>
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<tr>
<td></td>
<td>PER-006-1 Specific Training for Personnel</td>
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<tbody>
<tr>
<td>April 1, 2021</td>
<td>PRC-004-6 Protection System Misoperation Identification and Correction</td>
</tr>
<tr>
<td></td>
<td>PRC-006-4 Automatic Underfrequency Load Shedding</td>
</tr>
<tr>
<td></td>
<td>PRC-027-1 Coordination of Protection System for Performance During Faults</td>
</tr>
<tr>
<td></td>
<td>PRC-001-1 System Protection Coordination (retirement)</td>
</tr>
<tr>
<td></td>
<td>TOP-001-5 Transmission Operations</td>
</tr>
<tr>
<td></td>
<td>TOP-003-4 Operational Reliability Data</td>
</tr>
<tr>
<td>July 1, 2021</td>
<td>TPL-007-4 Transmission System Planned Performance for Geomagnetic Disturbance Events (R12 &amp; R13)</td>
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Links to recent updates

• NERC has posted the streaming webinar and slide presentation from the February 4, 2021 Project 2019-04 – Modifications to PRC-005-6 webinar.
  – Steaming Webinar: https://nerc.webex.com/webappng/sites/nerc/recording/playback/b33f0d4dd5fa4985a0ddd688039330d9

• Industry Webinar: Project 2019-06 Cold Weather
  – Click here for: Webex Registration
  – Dial-in: 1-415-655-0002 (US Toll); 1-416-915-8942 (Canada Toll)
    Meeting Number/Access Code: 180 000 0714
• FERC, NERC to Open Joint Inquiry into 2021 Cold Weather Grid Operations