FERC, NERC, and Regional Activities

Becky Davis
NERC Compliance
Reliability Standards & Compliance Subcommittee
March 19, 2021
Project 2015-09 Establish and Communicate System Operating Limits

Background:

- This project (purpose/industry need) is to revise the requirements for determining and communicating SOLs and IROLs. The project page includes Technical Rationale for Reliability Standard FAC-014-3, and includes all the requirements of the proposed version of FAC-014-3 Establish and Communicate System Operating Limits.

- FAC-014-3 posted redline
- FAC-014-3 posted redline of mapping document
- FAC-014-3 VRF/VSO justification redline to last posted
- FAC-014-3 Requirement Rationale

All documents may be found via the Project Page

<table>
<thead>
<tr>
<th>Standards</th>
<th>Project</th>
<th>Action</th>
<th>End Date</th>
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</thead>
<tbody>
<tr>
<td>FAC-014-3</td>
<td>Project 2015-09 Establish and Communicate System Operating Limits</td>
<td>Formal Comment Period &amp; Ballots</td>
<td>04/05/2021</td>
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<td>Standards</td>
<td>Project</td>
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<tr>
<td>MOD-025-2</td>
<td><strong>Project 2021-01</strong> Modifications to MOD-025 and PRC-019 Standard Authorization Request (SAR)</td>
<td>Informal Comment Period</td>
<td>4/2/2021</td>
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<tr>
<td>PRC-019-2</td>
<td></td>
<td>SAR drafting team nominations</td>
<td>4/2/2021</td>
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</tbody>
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**Background:**

- The SAR is to revise MOD-025-2 to address issues regarding verification and data reporting of generator active and reactive power capability; and aims to address and revise PRC-019-2 to be inclusive of all types of generation resources.

**Revisions to:**

- MOD-025-2 Verification and Data Reporting of Generator Real and Reactive
- PRC-019-2 Coordination of Generating Unit or Plant Capabilities, Voltage

**Additional Requests:**

- Nominations are being sought for SAR drafting team members
### NERC Draft Reference Document

<table>
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<tr>
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**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](#)
• Reliability Guidelines Posted
  – *Reliability Guideline*: Model Verification of Aggregate DER Models used in Planning Studies
  – *Reliability Guideline*: Performance, Modeling, and Simulations of BPS-Connected Battery Energy Storage Systems and Hybrid Power Plants
• ReliabilityFirst
  – Technical Talks with RF
    • April 19, 2021: 2:00 p.m. – 3:30 p.m. EST
  – Registered Entity Training for Align:
    • April 20, 2021: 9:00 a.m. – 12:00 a.m. EST

• SERC Reliability Corporation
  – Registered Entity Training for Align:
    • March 25, 2021: 9:00 a.m. – 11:00 a.m. EST
    • June 10, 2021: 9:00 a.m. – 11:00 a.m. EST
Facilitator: Monica Burkett  
Monica.Burkett@pjm.com

Secretary: Ashwini Bhat  
Ashwini.Bhat@pjm.com

SME/Presenter: Elizabeth (Becky) Davis  
Elizabeth.Davis@pjm.com  
Regional_compliance@pjm.com

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(866) 400 – 8980
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Appendix
## U.S. Effective Dates of NERC Standards

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

• Industry Webinar: Project 2019-06 Cold Weather
  – Slide Presentation
  – Recording
FERC, NERC to Open Joint Inquiry into 2021 Cold Weather Grid Operations