Reliability Compliance Update

System Operations Subcommittee
Preston Walker
January 4, 2019
### NERC Standards Under Development

<table>
<thead>
<tr>
<th>Standards</th>
<th>Project</th>
<th>Action</th>
<th>End Date</th>
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</thead>
<tbody>
<tr>
<td>BAL-003-1.1</td>
<td>Project 2017-01 – Modifications to BAL-003-1.1</td>
<td>• Ballot • Comment</td>
<td>01/17/2019</td>
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**Applicability:**
BA, FRSG

**Purpose:**
Phase 1 will address:
1) inconsistencies calculation of Interconnection Frequency Response Obligations (IFRO)s
2) Eastern Interconnection Resource Contingency Protection Criteria;
3) frequency of nadir point limitations (currently limited to t0 to t+12);
4) clarification of language in Attachment A, related to FRSGs
5) the BAL-003-1 FRS Forms need enhancements
Webinars
• Methods for Establishing IROLs Task Force (MEITF) Informational Webinar – 1:00–3:00 p.m. Eastern, January 25, 2019

Workshops
• Eighth Annual Human Performance Conference – March 26–28, 2019, Atlanta, GA
NERC Standards Subject to Future Enforcement

January 1, 2019
- BAL-005-1 – Balancing Authority Control
- TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (R5)
- VAR-001-5 – Voltage and Reactive Control (WECC Revisions)

April 1, 2019
- BAL-002-3 – Disturbance Control Standard – Contingency Reserve for Recovery from a Balancing Contingency Event
- EOP-004-4 – Event Reporting
- EOP-005-3 – System Restoration from Blackstart Resources
- EOP-006-3 – System Restoration Coordination
- EOP-008-2 – Loss of Control Center Functionality

January 1, 2020
- PRC-026-1 – Relay Performance During Stable Power Swings (R2 - R4)
NERC Standards Subject to Future Enforcement

- **July 1, 2020**
  - PRC-002-2 – Disturbance Monitoring and Reporting Requirements (50% compliance for R2–4, 6–11)
- **January 1, 2021**
  - TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (R6)
  - PRC-012-2 – Remedial Action Schemes
- **January 1, 2022**
  - TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (R3, R4, R7)
- **July 1, 2022**
  - PRC-002-2 – Disturbance Monitoring and Reporting Requirements (50% compliance for R2–4, 6–11)
Questions?

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