



# Reliability Compliance Update

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NERC Compliance  
Planning Committee  
October 4, 2022

| Standards      | Project   | Action   | End Date               |
|----------------|---|--|------------------------|
| <p>PRC-002</p> | <p><b><u><a href="#">Project 2017-01 Modifications to PRC-002</a></u></b></p> <p><b>Background:</b><br/>           The goal of the proposed project is to clarify the necessary notifications in Requirement R1, Part 1.2 relative to fault recording (FR) data, and clearly identify the BES Element owners that need to have FR data for transformers and transmission lines with the associated identified bus.</p> <p>This posting is specific to Glencoe Light <a href="#">Standards Authorization Request</a></p> <p><a href="#">Technical Rationale</a> for Reliability Standard PRC-002-4</p> <p><a href="#">Comment Form</a></p> | <p><b>Comment Period &amp; Ballot Period</b></p> | <p><b>11/09/22</b></p> |

- NERC issued a Level II NERC Alert: Cold Weather Preparations for Extreme Weather Events
  - This second Cold Weather Preparations for Extreme Weather Events Alert is being issued to further understand how Reliability Coordinators (RCs), Balancing Authorities (BAs), Transmission Operators (TOPs), and Generator Owners (GOs) plan for and progress toward mitigating risk for upcoming winter and beyond.
  - Acknowledgement due September 19, 2022
  - Reporting required due October 6, 2022

*Link to NERC Alert: <https://www.nerc.com/pa/rrm/bpsa/Alerts%20DL/NERC%20Alert%20R-2022-09-12-01%20Cold%20Weather%20Events%20II.pdf>*

- Save the Date for 2022 NERC-NATF-EPRI Annual Transmission Planning and Modeling Workshop
  - NERC, the North American Transmission Forum (NATF), and the Electric Power Research Institute (EPRI) will be holding their annual transmission planning and modeling workshop on November 2–3, 2022. This year’s theme will be “Grid Transformation: The Change is Here,” focusing on the future of power system studies, industry planning practices in the face of extreme weather events, and leveraging emerging technologies such as cloud computing and machine learning for reliability studies.

*Registration details located in the Appendix*

## NERC Launches First Reliability Vignette

- A new NERC product intended to capture current operating incidents of interest and project the circumstances of the incidents into the future as think pieces for system planning and operating considerations.
- [First Reliability Vignette](#) – *Future Wind Planning Informed by Current Operating Experience*
  - uses the real-world operating experiences of two Balancing Authorities in a high-wind event as the basis for consideration of a future system that is wind- and solar-generation dominant.

- Reliability*First* (RF)

- Technical Talks with RF

- October 24, 2022      2:00 p.m. – 3:30 p.m.

- November 24, 2022      2:00 p.m. – 3:30 p.m.

- SERC

- 2022 Extreme Weather Webinar

- October 20, 2022      9:00 a.m. – 12:30 p.m.

- Audit scheduled for last week of October; scope includes:

| Standard # | Requirement(s) | Standard #      | Requirement(s)         |
|------------|----------------|-----------------|------------------------|
| BAL-005-1  | R6 & R7        | MOD-027-1       | R5                     |
| COM-001-3  | R5             | MOD-031-3       | R1                     |
| EOP-005-3  | R3             | PER-005-2       | R4                     |
| EOP-006-3  | R5             | PRC-006-5       | R3 & R6                |
| FAC-002-3  | R1             | PRC-006-SERC-02 | R2 & R3                |
| FAC-014-2  | All            | PRC-010-2       | R3 & R5                |
| IRO-002-7  | R5 & R6        | PRC-026-1       | R1                     |
| IRO-008-2  | R1 & R2        | TOP-001-5       | R10 & R12              |
| IRO-009-2  | R1             | TOP-002-4       | R1 & R2                |
| IRO-017-1  | R1 & R4        | TOP-010-1(i)    | R1 & R3                |
| MOD-026-1  | R5             | TPL-001-4       | R1, R2, R3, R4, R5, R6 |

SME/Presenter:  
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# Appendix

- EPRI–NATF–NERC 2022 Annual Transmission Planning and Modeling Workshop – November 2–3, 2022 | [Day 1 Registration](#) | [Day 2 Registration](#)



# U.S. Effective Dates (future) of NERC Standards

| Effective Date  | Standards  |
|-----------------|--|
| October 1, 2022 | <a href="#">CIP-005-7</a> Cyber Security Electronic Security Perimeter(s)<br><a href="#">CIP-010-4</a> Cyber Security Configuration Change Management and Vulnerability Assessments<br><a href="#">CIP-013-2</a> Cyber Security Supply Chain Risk Management<br><a href="#">PRC-024-3</a> Frequency and Voltage Protection Settings for Generating Resources |
| January 1, 2023 | <a href="#">TPL-007-4</a> Transmission System Planned Performance for Geomagnetic Disturbance Events (Requirements R3, R4, 4.1, 4.1.1, 4.1.2, 4.2, 4.3, 4.3.1, R8, 8.1, 8.1.1, 8.1.2, 8.2, 8.3, 8.3.1)   |



# U.S. Effective Dates (future) of NERC Standards

| Effective Date  | Standards   |
|-----------------|---|
| April 1, 2023   | <a href="#">EOP-011-2</a> Emergency Preparedness and Operations<br><a href="#">IRO-010-4</a> Reliability Coordinator Data Specification & Collection<br><a href="#">TOP-003-5</a> Operational Reliability Data                        |
| July 1, 2023    | <a href="#">TPL-001-5.1</a> Transmission System Planning Performance Requirements I Implementation Plan   |
| January 1, 2024 | <a href="#">TPL-007-4</a> Transmission System Planned Performance for Geomagnetic Disturbance Events (Requirements R7, 7.1-7.3, 7.3.1-7.3.2, 7.4, 7.4.1-7.4.3, 7.5, 7.5.1, R11, 11.3.1-11.3.2, 11.4, 11.4.3-11.4.3, 11.5, and 11.5.1) |



# U.S. Effective Dates (future) of NERC Standards

| Effective Date | Standards   |
|----------------|---|
| April 1, 2024  | <a href="#">FAC-003-5</a> Transmission Vegetation Management<br><a href="#">FAC-011-4</a> System Operating Limits Methodology for the Operations Horizon<br><a href="#">FAC-014-3</a> Establish and Communicate System Operating Limits<br><a href="#">IRO-008-3</a> Reliability Coordinator Operational Analyses and Real-time Assessments<br><a href="#">PRC-023-5</a> Transmission Relay Loadability Implementation Plan<br><a href="#">PRC-002-3</a> Disturbance Monitoring and Reporting Requirements Implementation Plan<br><a href="#">PRC-026-2</a> Relay Performance During Stable Power Swings Implementation Plan<br><a href="#">TOP-001-6</a> Transmission Operations |

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