



# FERC, NERC, and Regional Activities

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August 19, 2021

Standards	Project	Action	End Date
<p>PRC-005</p>	<p><b><u><a href="#">Project 2019-04 Modifications to PRC-005-6</a></u></b></p> <p><b>Background:</b></p> <ul style="list-style-type: none"> <li>➤ Provide clear, unambiguous applicability of PRC-005 to protective functions and provide the specificity needed for the industry to consistently identify and implement the required maintenance activities.</li> <li>➤ Provide for the use of alternative Protection System station DC supply technologies, battery-based and non-battery-based, and ensure that they are subject to maintenance requirements.</li> <li>➤ This project would modify Reliability Standard PRC-005 to be consistent with the FERC-approved changes to registration as part of the RBR initiative and to add UFLS-only DPs in the Applicability Section.</li> <li>➤ <i>Link to Standard Authorization Request:</i>  <a href="https://www.nerc.com/pa/Stand/Project%20201904%20Modifications%20to%20PRC0056%20DL/Project%202019%2004%20SAR%20clean%2007272021.pdf">https://www.nerc.com/pa/Stand/Project%20201904%20Modifications%20to%20PRC0056%20DL/Project 2019 04 SAR clean 07272021.pdf</a></li> <li>➤ <i>Link to Unofficial Comment Form:</i>  <a href="https://www.nerc.com/pa/Stand/Project%20201904%20Modifications%20to%20PRC0056%20DL/2019-04%20Modifications%20to%20PRC-005%20SAR%20Unofficial%20Comment%20Form%2007272021.docx">https://www.nerc.com/pa/Stand/Project%20201904%20Modifications%20to%20PRC0056%20DL/2019-04 Modifications to PRC-005 SAR Unofficial Comment Form 07272021.docx</a></li> </ul>	<p><b>Formal Comment Period</b></p>	<p><b>08/25/2021</b></p>

Standards	Standards Announcement	Action	End Date
	<p data-bbox="293 285 1567 335"><b>Draft 2022-2024 Reliability Standards Development Plan</b></p> <p data-bbox="293 399 598 449"><b>Background:</b></p> <ul data-bbox="293 456 2000 1228" style="list-style-type: none"> <li data-bbox="293 456 2000 856">➤ NERC’s Reliability Standards Development Plan (RSDP) provides an update on the current status of projects and a high-level forecast of future work to be undertaken by the Electric Reliability Organization (ERO), based on the strategic direction provided by NERC’s Board of Trustees along with the Standards Committee’s and ERO’s goals. It is the primary tool used by Standards staff and the Standards Committee to guide and coordinate the development of Reliability Standards. It is also the communications vehicle between NERC and applicable governmental agencies in the United States and Canada. NERC revises the RSDP on an annual basis.</li> <li data-bbox="293 892 2000 1042">➤ <i>Draft 2022-2024 Reliability Standards Development Plan (RSDP) posted for comments:</i> <a href="https://www.nerc.com/pa/Stand/Standards%20Development%20Plan%20Library/2022-2024_RSDP_draft_082021.pdf">https://www.nerc.com/pa/Stand/Standards%20Development%20Plan%20Library/2022-2024_RSDP_draft_082021.pdf</a></li> <li data-bbox="293 1078 2000 1228">➤ <i>Unofficial Comment Form for 2022-2024 RSDP:</i> <a href="https://www.nerc.com/pa/Stand/Standards%20Development%20Plan%20Library/2022-2024%20RSDP_Unofficial_Comment_Form_072021.docx">https://www.nerc.com/pa/Stand/Standards%20Development%20Plan%20Library/2022-2024%20RSDP_Unofficial_Comment_Form_072021.docx</a></li> </ul>	<p data-bbox="2051 314 2254 456"><b>Informal Comment Period</b></p>	<p data-bbox="2305 371 2509 421"><b>08/30/2021</b></p>

Type	Reliability Guideline	Action	End Date
<b>Modeling and Verification</b>	<p><b>Draft Reliability Guideline: Recommended Approaches for UFLS Program Design with Increasing Penetrations of DERs</b></p> <p><b>Background:</b> To “provide guidance on impacts that higher penetration of DER may have on system restoration, UVLS, and UFLS, and potential solutions or recommended practices to overcome any identified issues.”</p> <ul style="list-style-type: none"> <li>➤ First section discusses the background and importance of UFLS to BPs reliability</li> <li>➤ Second section discusses impacts of DER to electrical island-level frequency</li> <li>➤ Third section discusses impacts of DER to UFLS program design</li> <li>➤ Fourth section concludes with recommendations</li> </ul> <ul style="list-style-type: none"> <li>➤ Link to Draft Guideline:  <a href="https://www.nerc.com/comm/RSTC_Reliability_Guidelines/2_4_S4A%20Reliability%20Guideline%20-%202021-04-07-clean.pdf">https://www.nerc.com/comm/RSTC_Reliability_Guidelines/2_4_S4A%20Reliability%20Guideline%20-%202021-04-07-clean.pdf</a> </li> <li>➤ Link to comment form (Excel format):  <a href="https://www.nerc.com/comm/RSTC_Reliability_Guidelines/Comment_Matrix_Reliability_Guideline_Recommended_Approaches_for_UFLS_Program_Design_with_Increasing_Penetrations_of_DERs.xlsx">https://www.nerc.com/comm/RSTC_Reliability_Guidelines/Comment_Matrix_Reliability_Guideline_Recommended_Approaches_for_UFLS_Program_Design_with_Increasing_Penetrations_of_DERs.xlsx</a> </li> </ul>	<p><b>Submit comments by email</b></p>	<p><b>08/26/2021</b></p>

Type	Reliability Guideline	Action	End Date
Balancing	<p><b>Draft Reliability Guideline: Inadvertent Interchange</b></p> <p><b>Background:</b> Intended to provide recommended practices for the management of Inadvertent Interchange accounting. With the goal of ensuring that, over the long term, Balancing Authority (BA) Areas do not excessively depend on another BA Area in the Interconnection for meeting demand or Interchange obligations.</p> <ul style="list-style-type: none"> <li>➤ Link to Draft Guideline:  <a href="https://www.nerc.com/comm/RSTC_Reliability_Guidelines/Reliability_Guideline_Inadvertent_Interchange_v1.1_20171213.pdf">https://www.nerc.com/comm/RSTC_Reliability_Guidelines/Reliability_Guideline_Inadvertent_Interchange_v1.1_20171213.pdf</a> </li> <li>➤ Link to comment form (Excel format):  <a href="https://www.nerc.com/comm/RSTC_Reliability_Guidelines/Comment_Matrix_Reliability_Guideline_%20Inadvertent_Interchange.xlsx">https://www.nerc.com/comm/RSTC_Reliability_Guidelines/Comment_Matrix_Reliability_Guideline_%20Inadvertent_Interchange.xlsx</a> </li> </ul>	Submit comments by email	08/26/2021

Type	Reliability Guideline	Action	End Date
<p>Forum</p>	<p><b>2021 Probabilistic Analysis Forum (PAF)</b></p> <p><i><b>Save the Date and Call for Abstracts</b></i></p> <p>➤ The NERC Probabilistic Assessment Working Group (PAWG) is planning to host its second, biennial forum on probabilistic assessments, approaches, and experiences, <b>October 5 -7, 2021</b>. The PAWG kindly encourages interested industry speakers and participants engaged in probabilistic analysis to submit requested topics and discussions for planning considerations by Friday, July 30<sup>th</sup></p> <p><u>Potential Topics:</u></p> <ul style="list-style-type: none"> <li>✓ Probabilistic analysis basics and formulation of metrics</li> <li>✓ Data collection for probabilistic analysis</li> <li>✓ Accreditation methods and other metrics used in probabilistic analysis</li> <li>✓ Reserve Margin, Flexibility, and Volatility</li> <li>✓ Transmission and Generation – Why look into Composite studies?</li> <li>✓ Capacity Adequate versus Energy Adequate – What does it mean?</li> </ul>	<p>Submit comments by email to <a href="#">JP Skeath</a> &amp; <a href="#">Levetra Pitts</a></p>	<p>07/30/2021</p>

- NERC
  - Winter Readiness Webinar
    - September 2, 2021 1:30 p.m. – 4:00 p.m. EST
  - 2021 Probabilistic Analysis Forum
    - October 5-7, 2021 Registration Details Coming Soon
  - Distributed Energy Resource Modeling Capabilities in Simulation Tools Webinar
    - October 28, 2021 3:00 p.m. – 4:00 p.m. EST

- **ReliabilityFirst**
  - **Internal Controls Webinar**
    - August 25, 2021 1:00 p.m. – 4:30 p.m.
  - **2021 Annual Reliability and Compliance Workshop**
    - September 22 & 23, 2021 both days: 1:00 p.m. – 5:00 p.m.
  - **Technical Talks with RF**
    - September 13, 2021 2:00 p.m. – 3:30 p.m. EST
- **SERC Reliability Corporation**
  - **Cold Weather Preparedness – presented by SERC & RF**
    - August 24, 2021 9:00 a.m. – 12:00 p.m.
      - More information on agenda via SERC August Newsletter, page 12:  
[https://www.serc1.org/docs/default-source/outreach/communications/serc-transmission-newsletter/2021-newsletters/202108-serc-newsletter.pdf?Status=Temp&sfvrsn=8cf3f5c8\\_6](https://www.serc1.org/docs/default-source/outreach/communications/serc-transmission-newsletter/2021-newsletters/202108-serc-newsletter.pdf?Status=Temp&sfvrsn=8cf3f5c8_6)

**Updates to future Webinars and Workshops following the August 19, 2021 RSCS Meeting**



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# Appendix



# U.S. Effective Dates of NERC Standards

Effective Date	Standards
July 1, 2021	<a href="#">TPL-007-4</a> Transmission System Planned Performance for Geomagnetic Disturbance Events (R12 & R13)
October 1, 2021	<a href="#">FAC-008-5</a> Facility Ratings <b>Newly Added</b>
January 1, 2022	<a href="#">PRC-012-2</a> Remedial Action Schemes (Requirement R9)
July 1, 2022	<a href="#">CIP-012-1</a> Cyber Security Communications between Control Centers <a href="#">PRC-002-2</a> Disturbance Monitoring and Reporting Requirements (100% compliance for Requirements R2-R4, R6-R11)



# U.S. Effective Dates of NERC Standards

Effective Date	Standards
October 1, 2022	<a href="#">CIP-005-7</a> Cyber Security Electronic Security Perimeter(s) <a href="#">CIP-010-4</a> Cyber Security Configuration Change Management and Vulnerability Assessments <a href="#">CIP-013-2</a> Cyber Security Supply Chain Risk Management <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 of NERC Standards

Effective Date	Standards
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)

NERC released second installment of its quarterly compliance podcast “Currently Compliant”

- Episode 2 covers PRC-027-1 R2 and the related evidence and timelines as well as Supply Chain Risk Management
- <https://vimeopro.com/nerclearning/currently-compliant-podcast/video/545682940>

## ERO Enterprise Issues Extension of Self-Logging Program Expansion and Deferment of On-Site Activities

*Due to the ongoing pandemic, the ERO Enterprise is further extending this expansion through December 31, 2021, to allow all registered entities to self-log instances of potential noncompliance with minimal or moderate risk related to their COVID-19 response. [ERO Enterprise Guidance: Potential Noncompliance Related to Coronavirus Impacts](#).*

# FERC, NERC, Regional Entity Staff Make Recommendations For Grid Operating Assessments

Real-time assessments evaluate system conditions using real-time data to measure existing and potential operating conditions to ensure continued reliable operation of the bulk electric system. The joint staff review focuses on strategies and techniques used by reliability coordinators and transmission operators to perform these assessments following a loss or degradation of data or tools used to maintain situational awareness. The review included on-site discussions with representatives of nine participating reliability coordinators and transmission operators.

## More Details:

- Link to announcement: [https://www.nerc.com/news/Headlines%20DL/FERC\\_NERC\\_RTAs%20News%20Release.pdf](https://www.nerc.com/news/Headlines%20DL/FERC_NERC_RTAs%20News%20Release.pdf)
- Link to report: <https://www.ferc.gov/media/ferc-and-ero-enterprise-joint-report-real-time-assessments>



## Recently Approved Reference Documents:

<https://www.nerc.com/comm/OC/Pages/Reference-Documents.aspx>

- Balancing and Frequency Control Reference Document
- Considerations for MOD-032 Data Requirements for Generating Resources Technical Reference Document

## Recently Approved Reliability Guidelines:

<https://www.nerc.com/comm/Pages/Reliability-and-Security-Guidelines.aspx>

- Area Control Error Diversity Interchange Process
- Operating Reserve Management
- Gas and Electrical Operational Coordination Considerations