



# FERC, NERC, and Regional Activities

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Subcommittee  
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# 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>

Standards	Project	Action	End Date
<p>PRC-023</p>	<p><b><u><a href="#">Project 2021-05</a></u> Modifications to PRC-023 Standard Authorization Request</b></p> <p><b>Background:</b></p> <ul style="list-style-type: none"> <li>➤ PRC-023-4, Requirement R2, requires applicable functional entities to set their Out of Step Blocking (OOSB) elements (the term power swing blocking, PSB, is also used by industry to describe these elements) to allow tripping for faults during the loading conditions prescribed by Requirement 1.</li> <li>➤ A requirement to allow tripping in a Standard whose intent is to block tripping, has led to some entities disabling OOSB relays. Disabling of these relays could lead to tripping during stable power swings causing an increased reliability risk.</li> <li>➤ OOSB relays provide increased security by preventing relays from tripping for stable power swings.</li> <li>➤ Purpose of the proposed project provides a reliability-related benefit by eliminating PRC-023-4 R2. This will eliminate entities disabling their OOSB elements unnecessarily.</li> </ul>	<p><b>Informal Comment Period &amp; SAR Drafting Team Nominations</b></p>	<p><b>07/28/2021</b></p>

**Additional resource links in appendix**

Standards	Project	Action	End Date
IRO-010 TOP-003	<p><b><u><a href="#">Project 2021-06</a></u> Modifications to IRO-010 and TOP-003 Standard Authorization Request</b></p> <p><b>Background:</b></p> <ul style="list-style-type: none"> <li>➤ The primary purpose is to simplify administrative burdens and limit unnecessary data requirements that do not contribute to BES reliability and resiliency.</li> <li>➤ The secondary purpose is to evaluate removing other data exchange requirements dispersed in other standards. The drafting team would need to evaluate those requirements after proposed changes to IRO-010 and TOP-003 are developed to determine if they are within the four tasks and consequently within the scope of IRO-010 and TOP-003. <i>(More information may be found in the unofficial comment form.)</i></li> </ul>	<p><b>Informal Comment Period &amp; SAR Drafting Team Nominations</b></p>	<p><b>08/06/2021</b></p>

**Additional resource links in appendix**

Data System	Data Request	Action	End Date
<b>GADS</b>	<p><b>Modifications to Section 1600 Data Request for Generating Availability Data System (GADS)</b></p> <p><b>Background: NERC is seeking to update the GADS Section 1600 data request to add value by expanding GADS reporting to include:</b></p> <ul style="list-style-type: none"> <li>➤ Solar (new):               <ul style="list-style-type: none"> <li>➤ Inventory/configuration, event reporting, and performance data</li> <li>➤ Inventory/configuration of connected energy storage and performance data</li> </ul> </li> <li>➤ GADS Wind extensions:               <ul style="list-style-type: none"> <li>➤ Event reporting and connected energy storage</li> <li>➤ Changes to configuration data to support event reporting, and</li> <li>➤ Expansion of mandatory data reporting fields</li> </ul> </li> <li>➤ Conventional GADS extensions:               <ul style="list-style-type: none"> <li>➤ Unit design data that is comparable to the types of information being collected for wind and solar</li> <li>➤ Contributing Operating Conditions Code</li> </ul> </li> </ul>	<p><b>Submit comments by email</b></p>	<p><b>07/31/2021</b></p>

**Additional resource links in appendix**

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: 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.”</b></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> <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

Standards	Project	Action	End Date
BAL-002-3 BAL-005-1 EOP-004-4 EOP-005-3 EOP-006-3 EOP-008-2	<p><b>2021 Standards Grading</b></p> <p><b>Background:</b></p> <ul style="list-style-type: none"> <li>➤ On March 9, 2016, the Standards Committee (SC) endorsed using an enhanced version of the Independent Expert Review Panel grading tool as the metric to grade all NERC Reliability Standards/ The existing grading tool also includes a question on cost effectiveness.</li> <li>➤ 2021 Preliminary Grades (Excel format):  <a href="https://www.nerc.com/pa/Stand/Standards%20Grading%20DL/2021_Preliminary_Grades_06042021.xlsx">https://www.nerc.com/pa/Stand/Standards%20Grading%20DL/2021_Preliminary_Grades_06042021.xlsx</a></li> <li>➤ 2021 Standards Grading Tool Template (Excel format):  <a href="https://www.nerc.com/pa/Stand/Standards%20Grading%20DL/2021_Standards_Grading_Tool_Template_04192021.xlsx">https://www.nerc.com/pa/Stand/Standards%20Grading%20DL/2021_Standards_Grading_Tool_Template_04192021.xlsx</a></li> <li>➤ Unofficial Comment Form (Word format):  <a href="https://www.nerc.com/pa/Stand/Standards%20Grading%20DL/2021_Standards_Grading_Unofficial_Comment_Form_06042021.docx">https://www.nerc.com/pa/Stand/Standards%20Grading%20DL/2021_Standards_Grading_Unofficial_Comment_Form_06042021.docx</a></li> </ul>	<p>Comments</p>	<p>07/19/2021</p>



Type	Reliability Guideline	Action	End Date
Forum	<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>

## 2021 Registered Ballot Body (RBB) Self-Select Attestation Process

- RBB voting member to complete by August 9, 2021
- <https://www.nerc.com/news/newsletters/Newsletters/NERCNews-2021-6.pdf>

## 2021 NERC Membership Renewal

- NERC Members page for more information:
- <https://www.nerc.com/gov/Pages/Members.aspx>

## 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

- ReliabilityFirst
  - Technical Talks with RF
    - July 19, 2021 2:00 p.m. – 3:30 p.m. EST
  - Protection System Workshop
    - August 11, 2021 9:00 a.m. – 1:00 p.m.
  - Human Performance Workshop
    - August 12, 2021 9:00 a.m. – 1:00 p.m.
- SERC Reliability Corporation
  - Cold Weather Preparedness – presented by SERC & RF
    - August 24, 2021 9:00 a.m. – 12:00 p.m.

Facilitator:  
Monica Burkett  
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Secretary:  
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### Member Hotline

(610) 666 – 8980

(866) 400 – 8980

[custsvc@pjm.com](mailto:custsvc@pjm.com)

# Appendix

- RSCS requesting feedback on meeting materials and presentations, as well as meeting logistics
- Link to Survey: <https://go.pjm.com/e/678183/jfe-form-SV-dinWToxFPCSrXFA/6177h/314147860?h=HvdjmHiCH4XXaB87LJemOSBA7I7ZMZMjTyc0TDddpws>
- Survey available until:
  - Friday, July 16, 2021

Request sent to email lists under RSCS, RSCS Roster, SOS, OC, PC, & TTMS

As discussed during the June RSCS meeting, PJM would like to gain insight from stakeholders regarding the RSCS. We ask that you take less than 10 minutes of your time to provide valuable feedback about the RSCS, its meeting materials and presentations, as well as meeting logistics. For recipients associated solely to the parent committees, this is for awareness only.

The [survey](#) will be available until Friday, July 16. We look forward to hearing your feedback and recommendations.

Thank you.

This has been sent to: RSCS, RSCS Roster, SOS, OC, PC, TTMS



# 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)



Effective Date	Standards
October 1, 2022	<p><a href="#">CIP-005-7</a> Cyber Security Electronic Security Perimeter(s)</p> <p><a href="#">CIP-010-4</a> Cyber Security Configuration Change Management and Vulnerability Assessments</p> <p><a href="#">CIP-013-2</a> Cyber Security Supply Chain Risk Management</p> <p><a href="#">PRC-024-3</a> Frequency and Voltage Protection Settings for Generating Resources</p>
January 1, 2023	<p><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)</p>



# 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)

- Project 2021-05 Modifications to PRC-023
  - Link to Project page: <https://www.nerc.com/pa/Stand/Pages/Project-2021-05-Modifications-to-PRC-023.aspx>
  - Link to SAR: [https://www.nerc.com/pa/Stand/202105%20Modifications%20to%20PRC023%20DL/2021-05\\_PRC-023\\_SAR\\_06292021.pdf](https://www.nerc.com/pa/Stand/202105%20Modifications%20to%20PRC023%20DL/2021-05_PRC-023_SAR_06292021.pdf)
  - Link to comment form: [https://www.nerc.com/pa/Stand/202105%20Modifications%20to%20PRC023%20DL/2021-05\\_Mod\\_to\\_PRC-023\\_Unofficial\\_Comment\\_Form\\_SAR\\_06292021.docx](https://www.nerc.com/pa/Stand/202105%20Modifications%20to%20PRC023%20DL/2021-05_Mod_to_PRC-023_Unofficial_Comment_Form_SAR_06292021.docx)
  - Link to nomination form: [https://www.nerc.com/pa/Stand/202105%20Modifications%20to%20PRC023%20DL/2021-05\\_Mod\\_to\\_PRC-023\\_Unofficial\\_Nomination\\_Form\\_06292021.docx](https://www.nerc.com/pa/Stand/202105%20Modifications%20to%20PRC023%20DL/2021-05_Mod_to_PRC-023_Unofficial_Nomination_Form_06292021.docx)
- Project 2021-06 Modifications to IRO-010 and TOP-003
  - Link to Project page: <https://www.nerc.com/pa/Stand/Pages/Project-2021-06-Modifications-to-IRO-010-and-TOP-003.aspx>
  - Link to SAR: [https://www.nerc.com/pa/Stand/202105%20Modifications%20to%20IRO010%20and%20TOP003%20DL/2021-06\\_SAR\\_SER\\_Phase\\_2\\_Op\\_Data\\_IRO-010\\_and\\_TOP-003\\_07082021.pdf](https://www.nerc.com/pa/Stand/202105%20Modifications%20to%20IRO010%20and%20TOP003%20DL/2021-06_SAR_SER_Phase_2_Op_Data_IRO-010_and_TOP-003_07082021.pdf)
  - Link to comment form: [https://www.nerc.com/pa/Stand/202105%20Modifications%20to%20IRO010%20and%20TOP003%20DL/2021-06\\_Mod\\_to\\_IRO\\_and\\_TOP\\_Unofficial\\_Comment\\_Form\\_07082021.docx](https://www.nerc.com/pa/Stand/202105%20Modifications%20to%20IRO010%20and%20TOP003%20DL/2021-06_Mod_to_IRO_and_TOP_Unofficial_Comment_Form_07082021.docx)
  - Link to nomination form: [https://www.nerc.com/pa/Stand/202105%20Modifications%20to%20IRO010%20and%20TOP003%20DL/2021-06\\_Mod\\_to\\_IRO\\_and\\_TOP\\_Unofficial\\_Nomination\\_Form\\_07082021.docx](https://www.nerc.com/pa/Stand/202105%20Modifications%20to%20IRO010%20and%20TOP003%20DL/2021-06_Mod_to_IRO_and_TOP_Unofficial_Nomination_Form_07082021.docx)

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](#).*