



Reliability Compliance Update

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July 2021
NERC Compliance

Standards	Project	Action	End Date
PRC-002	Project 2021-04 Modifications to PRC-002-2	Formal & Informal Comment Period & SAR Drafting Team Nominations	07/13/2021
<p>Background:</p> <ul style="list-style-type: none"> ➤ The purpose of PRC-002-2 is to have adequate data available to facilitate analysis of BES disturbances. Requirements R1 and R5 specify where sequence of events recording (SER) and fault recording (FR) data, and where dynamic Disturbance recording (DDR) data, respectively, are required in the Bulk Electric System (BES). ➤ The goal of the proposed project is to clarify the necessary notifications in Requirement R1, Part 1.2 relative to 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. ➤ Two Standard Authorization Requests (SAR) for 30-day formal comment periods: ➤ Glencoe Light SAR (formal comment period) and IRPTF SAR (informal comment period) ➤ Nominations being sought for SAR drafting team members 		<div style="background-color: #003366; color: white; padding: 10px; border-radius: 15px; text-align: center;"> Additional resource links in appendix </div>	

Standards	Project	Action	End Date
<p>PRC-023</p>	<p><u>Project 2021-05</u> Modifications to PRC-023 Standard Authorization Request</p> <p>Background:</p> <ul style="list-style-type: none"> ➤ 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. ➤ 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. ➤ OOSB relays provide increased security by preventing relays from tripping for stable power swings. ➤ 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. 	<p>Informal Comment Period & SAR Drafting Team Nominations</p>	<p>07/28/2021</p>

Additional resource links in appendix

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

Additional resource links in appendix

Standards	Project	Action	End Date
BAL-002-3 BAL-005-1 EOP-004-4 EOP-005-3 EOP-006-3 EOP-008-2	<p>2021 Standards Grading</p> <p>Background:</p> <ul style="list-style-type: none"> ➤ 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. ➤ 2021 Preliminary Grades (Excel format): https://www.nerc.com/pa/Stand/Standards%20Grading%20DL/2021_Preliminary_Grades_06042021.xlsx ➤ 2021 Standards Grading Tool Template (Excel format): https://www.nerc.com/pa/Stand/Standards%20Grading%20DL/2021_Standards_Grading_Tool_Template_04192021.xlsx ➤ Unofficial Comment Form (Word format): https://www.nerc.com/pa/Stand/Standards%20Grading%20DL/2021_Standards_Grading_Unofficial_Comment_Form_06042021.docx 	<p>Comments</p>	<p>07/19/2021</p>

NERC Inverter-Based Resource Performance Working Group (IRPWG) Webinar

- July 15, 2021 1:00 – 3:30 p.m. Eastern Time
- Reliability Guideline: Performance, Modeling, and Simulations of BPS-Connected Battery Energy Storage Systems and Hybrid Power Plans

Meeting logistics included in Appendix

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>

- 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.

- 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

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Member Hotline

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Appendix

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

Effective Date	Standards
October 1, 2022	<p>CIP-005-7 Cyber Security Electronic Security Perimeter(s)</p> <p>CIP-010-4 Cyber Security Configuration Change Management and Vulnerability Assessments</p> <p>CIP-013-2 Cyber Security Supply Chain Risk Management</p> <p>PRC-024-3 Frequency and Voltage Protection Settings for Generating Resources</p>
January 1, 2023	<p>TPL-007-4 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	TPL-001-5.1 Transmission System Planning Performance Requirements I Implementation Plan
January 1, 2024	TPL-007-4 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>

- IRPWG Webpage:
<https://www.nerc.com/comm/RSTC/Pages/IRPWG.aspx>
- Reliability Guideline: Performance, Modeling, and Simulations of BPS-Connected Battery Energy Storage Systems and Hybrid Power Plants:
https://www.nerc.com/comm/RSTC_Reliability_Guidelines/Reliability_Guideline_BESS_Hybrid_Performance_Modeling_Studies_.pdf
- Meeting scheduled July 15, 2021; 1:00-3:30 p.m. Eastern
 - **Teleconference:** [Meeting Registration](#)

- Project 2021-04 Modifications to PRC-002-2
 - Link to Project page: <https://www.nerc.com/pa/Stand/Pages/Project-2021-04-Modifications-to-PRC-002-2.aspx>
 - Link to Glencoe Light SAR: https://www.nerc.com/pa/Stand/Project202104ModificationstoPRC0022DL/2021-04_SAR%202021%20Glencoe%20Light%20PRC-002-2_062021.pdf
 - Link to comment form (Glencoe Light SAR):
https://www.nerc.com/pa/Stand/Project202104ModificationstoPRC0022DL/2021-04_Unofficial%20Comment%20Form%20_SAR%20-%20Glencoe%20Light_062021.docx
 - Link to IRPTF SAR: https://www.nerc.com/pa/Stand/Project202104ModificationstoPRC0022DL/2021-04_SAR_IRPTF_PRC-002-2_062021.pdf
 - Link to comment form (IRPTF SAR): https://www.nerc.com/pa/Stand/Project202104ModificationstoPRC0022DL/2021-04_Unofficial%20Comment%20Form%20_SAR%20-%20IRPTF_062021.docx
 - Link to nomination form: https://www.nerc.com/pa/Stand/Project202104ModificationstoPRC0022DL/2021-04_Unofficial_Nomination_Form_062021.docx
- 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
 - 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
 - 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

- Section 1600 Data Requests:
<https://www.nerc.com/pa/RAPA/PA/Pages/Section1600DataRequests.aspx>
- GADS Section 1600 Data Request Letter – June 15, 2021:
https://www.nerc.com/pa/RAPA/PA/Documents/GADS_Section_1600_Data_Request_20210615.pdf
- GADS Section 1600 Data Request Comment Form:
https://www.nerc.com/pa/RAPA/PA/Documents/GADS_Section_1600_Comment_Form.xlsx

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](#).