FERC, NERC, and Regional Activities

Becky Davis, NERC Compliance
Reliability Standards & Compliance Subcommittee (RSCS)
July 22, 2022
NERC – Annual Registered Ballot Body Attestation

2022 Registered Ballot Body Self-select Attestation Process

- Appendix 3D Registered Ballot Body (RBB) Criteria of the NERC Rules of Procedure states: “Each participant, when initially registering to join the Registered Ballot Body, and annually thereafter, shall self-select to belong to one of the Segments…”

- NERC must receive a response for all segments represented in the RBB by 8:00 p.m. Eastern on Monday, August 8, 2022. Entities with segment(s) not attested for will be removed from the system. Anyone removed (unvetted) can re-apply at any time.
**Standards** | **Project** | **Action** | **End Date**
--- | --- | --- | ---
PRC-002 | **Project 2021-04** Modifications to PRC-002 | Join Ballot Pools | 07/08/22

**Background:**
The purpose of PRC-002 is to have adequate data available to facilitate analysis of Bulk Electric System (BES) disturbances. The goal of this project is to clarify the necessary notifications relative to fault recording (FR) data; and clearly identify the BES element owner(s) that need to have FR data for transformers and transmission lines with the associated identified bus.

Link to comment form: [https://www.nerc.com/pa/Stand/Project202104ModificationstoPRC0022DL/Project_2021-04_Unofficial%20Comment%20Form%20-%20Glencoe%20Light.docx](https://www.nerc.com/pa/Stand/Project202104ModificationstoPRC0022DL/Project_2021-04_Unofficial%20Comment%20Form%20-%20Glencoe%20Light.docx)
Request for Comments

- Modifications to Section 1600 Data Request for Generating Availability Data System (GADS)
  - Comment Period: June 21, 2022 – August 5, 2022
  - NERC is seeking to update the GADS section 1600 data request to add value to expanding GADS reporting to include:
    - **Solar (new):** Inventory/configuration, event reporting, and performance data; and Inventory/configuration of connected energy storage and performance data
    - **GADS Wind extensions:** Event reporting and connected energy storage; and changes to configuration data to support event reporting
    - **Conventional GADS extensions:** Unit design data that is comparable to the types of information being collected for wind and solar; and Contributing Operating Conditions Code

Links to documentation included in the Appendix of this presentation
NERC Inverter-Based Resource Subcommittee (IRPS) requests comments for the following NERC Guidelines

*Due by August 5, 2022:*
- BPS-Connected Inverter-Based Resource Performance
- Improvements to Interconnection Requirements for BPS-Connected Inverter-Based Resources

*Due by August 20, 2022:*
- Performance, Modeling, and Simulations of BPS-Connected Battery Energy Storage Systems and Hybrid Power Plants

Links to documentation included in the Appendix of this presentation
EPRI, ESIG, NAGF, and NERC Announce Joint Generator Interconnection Workshop

- **Day 1: The Interconnection Process**
  1:00–4:00 p.m. Eastern, August 9, 2022

- **Day 2: Interconnection Studies and Modeling**
  1:00–4:00 p.m. Eastern, August 10, 2022

- **Day 3: IBR Interconnection Requirements and Next Steps**
  1:00–4:00 p.m. Eastern, August 11, 2022
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.

Event will be held virtually, and more details will be announced closer to the workshop.
ReliabilityFirst (RF)

Technical Talks with RF
- August 15, 2022 2:00 p.m. – 3:30 p.m.
- September 19, 2022 2:00 p.m. – 3:30 p.m.

RF Workshops
- 8th Annual Protection System Workshop
  - August 3, 2022 1:00 p.m. – 5:00 p.m.
- 5th Annual Human Performance Workshop
  - August 4, 2022 8:00 a.m. – 12:00 p.m.

RF Fall Workshops – September 27 & 28, 2022
SERC – Technical Webinars

Transmission and Generation Modeling for Evolving Power Grid

July 27, 2022  10:00 a.m. – 4:00 p.m.
Facilitator:
Monica Burkett, Monica.Burkett@pjm.com

Secretary:
Ashwini Bhat, Ashwini.Bhat@pjm.com

SME/Presenter:
Elizabeth (Becky) Davis, Elizabeth.Davis@pjm.com
Regional_compliance@pjm.com

FERC, NERC, and Regional Activities

Member Hotline
(610) 666 – 8980
(866) 400 – 8980
custsvc@pjm.com
Request for Comments: Modifications to Section 1600 Data Request for Generating Availability Data System (GADS):

- [GADS Section 1600 Data Request Materials](#)
- [Comment Form](#)
Draft Reliability Guidelines/Comment Form Links

- Draft Reliability Guideline: BPS-Connected Inverter-Based Resource Performance:

- Draft Reliability Guideline: Improvements to Interconnection Requirements for BPS-Connected Inverter-Based Resources:
  Link to Comment Form: [https://www.nerc.com/comm/RSTC_Reliability_Guidelines/Copy_of_Comment_Matrix_IRPTF_Improvements_to_Interconnection_Requirements_for_BPS-Connected_Inverter-Based_Resources.xlsx](https://www.nerc.com/comm/RSTC_Reliability_Guidelines/Copy_of_Comment_Matrix_IRPTF_Improvements_to_Interconnection_Requirements_for_BPS-Connected_Inverter-Based_Resources.xlsx)

- Draft Reliability Guideline: Performance, Modeling, and Simulations of BPS-Connected Battery Storage Systems and Hybrid Power Plants:
## U.S. Effective Dates of NERC Standards

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<tr>
<th>Effective Date</th>
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| October 1, 2022 | **CIP-005-7** Cyber Security Electronic Security Perimeter(s)  
**CIP-010-4** Cyber Security Configuration Change Management and Vulnerability Assessments  
**CIP-013-2** Cyber Security Supply Chain Risk Management |
| January 1, 2023 | **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) |
## U.S. Effective Dates of NERC Standards

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<tr>
<td>April 1, 2023</td>
<td><strong>EOP-011-2</strong> Emergency Preparedness and Operations&lt;br&gt;<strong>IRO-010-4</strong> Reliability Coordinator Data Specification &amp; Collection&lt;br&gt;<strong>TOP-003-5</strong> Operational Reliability Data</td>
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<td>July 1, 2023</td>
<td><strong>TPL-001-5.1</strong> Transmission System Planning Performance Requirements I Implementation Plan</td>
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<td>January 1, 2024</td>
<td><strong>TPL-007-4</strong> 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)</td>
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<td><strong>FAC-011-4</strong> System Operating Limits Methodology for the Operations Horizon</td>
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<td><strong>FAC-014-3</strong> Establish and Communicate System Operating Limits</td>
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<td><strong>IRO-008-3</strong> Reliability Coordinator Operational Analyses and Real-time Assessments</td>
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<td><strong>PRC-023-5</strong> Transmission Relay Loadability Implementation Plan</td>
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<td><strong>PRC-002-3</strong> Disturbance Monitoring and Reporting Requirements Implementation Plan</td>
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<td><strong>PRC-026-2</strong> Relay Performance During Stable Power Swings Implementation Plan</td>
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<td><strong>TOP-001-6</strong> Transmission Operations</td>
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