**Unofficial Nomination Form**Project 2020-06 Verification of Models and Data for Generators

Drafting Team

# Submitting Nominations

**Do not** use this form for submitting nominations. Use the [electronic form](https://nerc.checkboxonline.com/8AC508A9-8045-4F79-A3F3-6BEF6A74273E) to submit nominations for supplemental drafting team members by **8:00 p.m. Eastern, Wednesday, June 26, 2024.** This unofficial version is provided to assist nominees in compiling the information necessary to submit the electronic form.

# General Information

Additional information is available on the [project page](https://www.nerc.com/pa/Stand/Pages/Project-2020_06-Verifications-of-Models-and-Data-for-Generators.aspx). If you have questions, contact Manager of Standards Development, Jamie Calderon (via email), or at 404-960-0568.

By submitting a nomination form, you are indicating your willingness and agreement to actively participate in face-to-face meetings and conference calls. Previous drafting or quality review team experience is beneficial, but not required.

# **Project Information**Project Purpose

FERC Order No. 901 – Milestone 3, Part 2: IBR Model Validation SAR addresses regulatory directives from NERC Standards Development Work Plan to respond to FERC Order No. 901. This SAR is intended to establish new or revised Reliability Standards to address FERC Order No. 901 directives related to modeling validation (and verification) activities by utilizing actual performance data, including performance of IBR performance during a disturbance. This will help ensure the facility’s model(s) reflect(s) the in-service equipment throughout the lifecycle of the IBR facility. NERC must file the Reliability Standards or definitions developed under Milestone 3 by November 4, 2025.

As this SAR includes anticipated revisions to model validation for IBR, NERC recommends it be assigned to Project 2020-06 Verifications of Models and Data for Generators. The drafting team will need to prioritize changes for this SAR over currently assigned SARs to remove IBR from MOD-026 and MOD-027 as this holistic approach includes some form of ongoing quality review and corrections based on new performance-based validation. This is necessary to prevent duplicative model validation requirements that do not align with the performance-based objectives of the regulatory directives. A second phase proposed by this SAR to incorporate the uniform model framework revisions into FAC-002 to assure a consistent holistic approach for model data sharing is established throughout the lifespan of IBR. As regulatory directives included within this SAR must be addressed in revisions to Reliability Standards that must be filed with FERC by November, 2025, NERC also recommends that this project remain prioritized as a High Priority project. No waivers to the Standard Processes Manual are being requested at this time.

At the July 21, 2021 meeting, the Standards Committee accepted the original SAR assigned to Project 2020-06 Verifications of Models and Data for Generators. The drafting team has only proposed revisions to MOD-026 at this time. The initial draft was posted May 20, 2022 through July 6, 2022. An additional draft was posted November 21, 2022 through January 18, 2023. Another additional draft was posted June 7, 2023 through July 21, 2023. The drafting team has also posted new definitions for IBRs to assure alignment between other 901-related projects. The drafting team will post one more draft of revisions before being assigned this SAR and moving forward with revisions.

**This project has been identified as higher priority at this time**. This project has a FERC deadline under Milestone 3 of FERC Order No. 901 to file new or modified Reliability Standards by November 4, 2025.

Standard(s) Affected

[MOD-026-1](https://www.nerc.com/pa/Stand/Reliability%20Standards/MOD-026-1.pdf) Verification of Models and Data for Generator Excitation Control System or Plant Volt/Var Control Functions

[MOD-027-1](https://www.nerc.com/pa/Stand/Project%20200709%20%20Generator%20Verification%20%20PRC0241/MOD-027-1.pdf) Verification of Models and Data for Turbine/Governor and Load Control or Active Power/Frequency Control Functions

[MOD-033-2](https://www.nerc.com/pa/Stand/Reliability%20Standards/MOD-033-2.pdf) Steady-State and Dynamic System Model Validation

Nominee Expertise Requested
For this project, NERC is seeking individuals who possess experience in one or more of the following areas:

* Transmission planning assessments;
* Steady state and dynamic stability analyses;
* Sensitivity analysis;
* Modeling;
* Model Validation;
* Operational/performance data limitations

# **Time Commitment Expectations**

Time commitments for most projects include up to two face-to-face meetings per quarter (on average two full working days each meeting) with conference calls scheduled as needed. Team members may agree to individual or subgroup assignments, to work in separate meetings and present to the larger team for discussion and review. Another important component of quality reviews and drafting team efforts is outreach. Members of the team will be expected to conduct industry outreach during the development process to support a successful project outcome.

## Project Priority

Each project will be developed according to that project’s priority status. While each standard project addresses particular industry needs, some projects will be identified as a higher priority project. A higher priority project may initially include a strict timeline, which may be needed to effectively respond to a FERC Directive or as determined by the NERC Board of Trustees. A higher priority project may also need to increase the frequency of meetings at any time throughout the development process to account for project timeline needs. Similarly, other priority projects may adjust to a lower frequency of meetings throughout the development process to reallocate resources to high priority projects.

**This project has been identified as higher priority at this time**. The project has a FERC deadline of November 4, 2025. To meet this deadline, the team will meet regularly, up to three times a week on conference calls, with face-to-face meetings scheduled as the members’ schedule allows, up to once a quarter.

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| Name:  |  |
| Organization: |  |
| Address: |  |
| Telephone: |  |
| E-mail: |  |
| Please briefly describe your experience and qualifications to serve on the requested Standard Drafting Team (Bio): |
| **If you are currently a member of any NERC drafting team, please list each team here:**[ ]  Not currently on any active SAR or standard drafting team. [ ]  Currently a member of the following SAR or standard drafting team(s): |
| **If you previously worked on any NERC drafting team, please identify the team(s):** [ ]  No prior NERC SAR or standard drafting team.[ ]  Prior experience on the following team(s): |
| **Acknowledgement that the nominee has read and understands both the *NERC Participant Conduct Policy* and the *Standard Drafting Team Scope* documents, available on NERC Standards Resources.**[ ]  Yes, the nominee has read and understands these documents. |
| Select each NERC Region in which you have experience relevant to the Project for which you are volunteering: |
| [ ]  MRO[ ]  NPCC[ ]  RF | [ ]  SERC[ ]  Texas RE [ ]  WECC | [ ]  NA – Not Applicable |
| **Select each Industry Segment that you represent:** |
| [ ]  | 1 — Transmission Owners |
| [ ]  | 2 — RTOs, ISOs |
| [ ]  | 3 — Load-serving Entities |
| [ ]  | 4 — Transmission-dependent Utilities |
| [ ]  | 5 — Electric Generators |
| [ ]  | 6 — Electricity Brokers, Aggregators, and Marketers |
| [ ]  | 7 — Large Electricity End Users |
| [ ]  | 8 — Small Electricity End Users |
| [ ]  | 9 — Federal, State, and Provincial Regulatory or other Government Entities |
| [ ]  | 10 — Regional Reliability Organizations and Regional Entities |
| [ ]  | NA – Not Applicable |
| Select each Function in which you have current or prior expertise:  |
| [ ]  Balancing Authority[ ]  Compliance Enforcement Authority[ ]  Distribution Provider[ ]  Generator Operator[ ]  Generator Owner[ ]  Interchange Authority[ ]  Load-serving Entity [ ]  Market Operator[ ]  Planning Coordinator | [ ]  Transmission Operator [ ]  Transmission Owner[ ]  Transmission Planner[ ]  Transmission Service Provider [ ]  Purchasing-selling Entity[ ]  Reliability Coordinator [ ]  Reliability Assurer[ ]  Resource Planner |

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| Provide the names and contact information for two references who could attest to your technical qualifications and your ability to work well in a group: |
| Name: |  | Telephone: |  |
| Organization: |  | E-mail: |  |
| Name: |  | Telephone: |  |
| Organization: |  | E-mail: |  |
| Provide the name and contact information of your immediate supervisor or a member of your management who can confirm your organization’s willingness to support your active participation. |
| Name: |  | Telephone: |  |
| Title: |  | Email: |  |