Unofficial Nomination Form
Project 2023-01 EOP-004 IBR Event Reporting

Standard Authorization Request Drafting Team

**Do not** use this form for submitting nominations. Use the [electronic form](https://nerc.checkboxonline.com/Project-2023-01-EOP-004-IBR-Event-Reporting--SAR-Drafting-Team-) to submit nominations for **Project 2023-01 EOP-004 IBR Event Reporting** Standard Authorization Request (SAR) drafting team members by **8 p.m. Eastern, Wednesday, March 8, 2023.** This unofficial version is provided to assist nominees in compiling the information necessary to submit the electronic form.

Additional information is available on the [project page](https://www.nerc.com/pa/Stand/Pages/Project-2023-01-EOP-004-IBR-Event-Reporting.aspx). If you have questions, contact Senior Standards Developer, Chris Larson (via email), or at 470-599-3851.

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 review team experience is beneficial, but not required. A brief description of the desired qualifications, expected commitment, and other pertinent information is included below.

Background

The SAR proposes enhancements to EOP-004-4 (EOP-004) focused on ensuring timely reporting by industry to the Electric Reliability Organization (ERO) Enterprise through reporting of events involving inverter-based resources (IBRs). Currently, the standard has relatively large generator loss size thresholds and uses language more suitable for synchronous generation. The SAR proposes to enhance the standard by adding clarity and lowering the generator loss threshold to encompass the lessons from widespread IBR loss events that have occurred.

The proposed project will address the issue that reporting of generation loss events, per the current EOP-004, uses relatively large size thresholds more suitable for synchronous generation; however, NERC and the Regional Entities have analyzed multiple widespread solar PV loss events (some also involving other generation losses as well) across a large number of resources that did not meet the EOP-004 criteria, yet have highlighted systemic reliability risks posed by IBRs that should be reported by applicable entities. This project will modify the existing generation loss criteria so it is more suitable and appropriate for reporting IBR events and so it aligns with past large-scale disturbances analyzed by the ERO. Without these improvements, the ERO must lean on ad hoc reporting per the NERC Event Analysis Process, which is voluntary in nature and involves significantly longer reporting timelines. The EOP-004 standard should be aligned with this process from a reporting size criteria perspective. As reported in numerous ERO disturbance reports, access to data useful for event analysis and risk mitigation following large-scale disturbances has been challenging for IBRs. This has resulted in data unavailability and overwriting by affected facilities since the ERO Enterprise is unable to send requests for information in a timely manner (i.e., must wait for the brief report to be submitted by the associated Reliability Coordinator first). Improved reporting will enable quicker response to widespread IBR loss events and ultimately lead to improved performance of the generation fleet through more detailed analysis and coordination with affected entities, where applicable.

Standard(s) affected: EOP-004-4

Drafting Team activities include participation in technical conferences, stakeholder communications and outreach events, periodic drafting team meetings and conference calls. Approximately one face-to-face meeting per quarter can be expected (on average three full working days each meeting) with conference calls scheduled as needed to meet the agreed-upon timeline the drafting team sets forth. NERC is seeking individuals who possess experience in the following areas:

* Developing and implementing event reporting Operating Plans in accordance with EOP-004
* Understanding of IBR events and event thresholds
* Understanding of EOP-004 Attachment 2: Event Reporting Form and/or DOE-OE-417 form
* Understanding of event types, reporting responsibility, and thresholds for reporting as outlined in EOP-004 Attachment 1: Reportable Events
* Understanding of event reporting time requirements
* Understanding of EOP-004 VSLs/VRFs
* Understanding how EOP-004 event reports are used by the ERO
* Responsible entity compliance related to the areas listed above

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| Name:  |  |
| Organization: |  |
| Address: |  |
| Telephone: |  |
| Email: |  |
| Please briefly describe your experience and qualifications to serve on the requested SAR 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. |

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| 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 |

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| **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 |

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| Select each Function**[[1]](#footnote-1)** 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: |  | Email: |  |
| Name: |  | Telephone: |  |
| Organization: |  | Email: |  |

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| 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: |  |

1. These functions are defined in the NERC [Functional Model](http://www.nerc.com/pa/Stand/Functional%20Model%20Advisory%20Group%20DL/FMAG_Inf_Functional%20Model%20v6%20%28clean%29.pdf), which is available on the NERC web site. [↑](#footnote-ref-1)