Unofficial Nomination Form
Project 2023-03 Internal Network Security Monitoring (INSM)

Standard Authorization Request Drafting Team

**Do not** use this form for submitting nominations. Use the [electronic form](https://nerc.checkboxonline.com/4919C5EF-636B-435A-91B1-707DF8335A87) to submit nominations for **Project 2023-03 Internal Network Security Monitoring** Standard Authorization Request (SAR) drafting team members by **8 p.m. Eastern, Friday, May 5, 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-2023-03-INSM.aspx). If you have questions, contact Senior Standards Developer, Laura Anderson (via email), or at 404-782-1870.

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

On January 19, 2023, the Federal Energy Regulatory Commission (FERC) issued Order No. 887[[1]](#footnote-1) directing NERC to develop requirements within the Critical Infrastructure Protection (CIP) Reliability Standards for internal network security monitoring of all high impact BES Cyber Systems and medium impact BES Cyber Systems with External Routable Connectivity (ERC). INSM permits entities to monitor traffic once it is within a trusted zone, such as the Electronic Security Perimeter, to detect intrusions or malicious activity. Specifically, Order No. 887 directs NERC to develop Reliability Standards requirements that are “forward-looking, objective-based”[[2]](#footnote-2) and address three security objectives outlined in Order No. 887. FERC directed NERC to submit these revisions for approval by July 9, 2024.

Order No. 887 also directed NERC to conduct a study on the risks of a lack of INSM for medium impact BES Cyber Systems without ERC, all low impact BES Cyber Systems, and on the challenges and solutions for implementing INSM for those BES Cyber Systems. NERC is conducting the study, which is to be filed with

FERC by January 18, 2024.

Standard(s) affected: CIP-005-7, CIP-010-4, and CIP-013-2

Drafting Team activities include participation in technical conferences, stakeholder communications and outreach events, periodic drafting team meetings, and conference calls. Approximately one to two 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:

* Experience with IT/OT Network Engineering
* Understanding of Security Information and Event Monitoring
* Understanding of Cyber Threat Hunting
* Experience with Cyber Security Management Controls
* Understanding of BES Cyber Asset Low Impact Criteria
* Understanding of reliability risks associated with BES Cyber Assets and BES Cyber Systems
* Understanding of coordinated attack risks and mitigation options
* Understanding of external routable connectivity (ERC)
* Understanding of authentication for remote users
* Understanding of protection of user authentication information
* Understanding of detection of malicious communications
* 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**[[3]](#footnote-3)** 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. Internal Network Security Monitoring for High and Medium Impact Bulk electric System Cyber Systems, Order No. 887, 182 FERC ¶ 61,021 (Jan. 19, 2023). [↑](#footnote-ref-1)
2. Order No. 87 at P 5. [↑](#footnote-ref-2)
3. 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-3)