

Quick Reference Guide: Candidate for Registration

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Registration with NERC

[Organization Registration](#) identifies and registers bulk power system (BPS) owners, operators and users who are responsible for performing specified reliability functions to which requirements of mandatory NERC Reliability Standards are applicable. Requirements and activities for the Organization Registration Program are embodied in Section 500 (Organization Registration and Certification) and Appendices 5A and 5B of the FERC-approved [NERC Rules of Procedure](#) (ROP).

In Phase 1 of the [IBR Registration Initiative](#), NERC worked with the Regional Entities to develop potential [Rules of Procedure revisions](#) to address registration of owners and operators of unregistered IBRs that have an aggregate, material impact. The proposed revisions would result in materially impactful IBRs becoming subject to NERC's Reliability Standards, commensurate to the amount of BPS-impactful synchronous resources currently subject to these standards. This proposal addresses revisions to NERC registration process rules; however, additional projects will focus on the standards development process as NERC Reliability Standards are updated consistent with FERC directives under [Order 901](#).

Quick Links

[FAQ: Proposed Revisions to NERC Rules of Procedure to Address Registration of Owners and Operators of Unregistered IBRs](#)
[FERC Order on IBR Registration](#)
[IBR Registration Initiative Quick Reference Guide](#)
[IBR Registration and Reliability Standards Enhancements Webinar Recording](#)
[Summary of Proposed ROP Revisions](#)

Candidate Registration Milestones



IBR Resources

IBRs are playing an ever-more critical role during this period of unprecedented grid transformation. IBRs present unique opportunities moving forward and will shape a resilient and sustainable energy landscape of the future. Historically, unregistered IBR owners and operators were not required to register with NERC or adhere to NERC’s Reliability Standards, prompting FERC to direct NERC to address the risk.

NERC is addressing the risk by requiring candidates who own and/or operate non-BES inverter-based generating resources that have an aggregate nameplate capacity of greater than or equal to 20 MVA delivering such capacity to a common point of connection at a voltage greater than or equal to 60 kV to register with NERC.

Quick Links

- [An Introduction to Inverter-Based Resources on the Bulk Power System](#)
- [Inverter-Based Resource Strategy](#)
- [Quick Reference Guide: Inverter-Based Resource Activities](#)
- [Reliability Guidelines, Security Guidelines, Technical Reference Documents, and White Papers](#)
- [System Planning Impacts from DER Working Group \(SPIDERWG\)](#)

About NERC and the E-ISAC

[NERC](#) is a not-for-profit international regulatory authority whose mission is to assure the effective and efficient reduction of risks to the reliability and security of the grid. NERC develops and enforces Reliability Standards; annually assesses seasonal and long-term reliability; monitors the bulk power system through system awareness; and educates, trains, and certifies industry personnel. NERC's area of responsibility spans the continental United States, Canada, and the northern portion of Baja California, Mexico. NERC is the Electric Reliability Organization (ERO) for North America, subject to oversight by FERC and governmental authorities in Canada. NERC's jurisdiction includes users, owners, and operators of the BPS, which serves nearly 400 million people.

The [E-ISAC](#) reduces risk to the electricity industry across North America by providing quality information and analysis on cyber and physical threats. E-ISAC membership allows access to a secure Portal which serves as the central information hub for accessing and sharing critical security information. Through the Portal, users can voluntarily post and exchange information about cyber and physical incidents with full control of how they share it. E-ISAC members also have access to a 24/7 Watch, cyber and physical security products, reports, and white papers, and as well as webinars, industry engagement programs, grid security exercises, and conferences. Registered Entities are expected to join the E-ISAC as it is an extremely important tool for risk mitigation and ensuring the reliability, resilience, and security of the BPS. For more information about E-ISAC membership, please visit the E-ISAC website or contact the E-ISAC via [email](#).

Quick Links

- [2024 NERC Work Plan Priorities](#)
- [ERO Enterprise Long-Term Strategy](#)
- [Fast Facts](#)
- [Frequently Asked Question](#)
- [NERC Timeline](#)
- [Overview](#)
- [The History of the North American Electric Reliability Corporation](#)
- [Understanding the Grid](#)