

Announcement

NERC Launches IBR Registration Initiative Resources to Highlight Progress and Keep Stakeholders Informed

February 29, 2024

ATLANTA – As part of its [Inverter-Based Resource Strategy](#), NERC is dedicated to identifying and addressing challenges associated with inverter-based resources (IBR) as the penetration of these resources continues to increase. ERO Enterprise assessments identified a reliability gap associated with the increasing integration of IBRs as part of the grid in which a significant level of bulk power system-connected IBR owners and operators are not yet required to register with NERC or adhere to its Reliability Standards.

In response, FERC issued an [order](#) in 2022 directing NERC to identify and register owners and operators of currently unregistered bulk power system-connected IBRs. Working closely with industry and stakeholders, NERC is executing a FERC-approved work plan to achieve the identification and registration directive by 2026.

In Phase 1 of this project, 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, which were approved by NERC’s Board of Trustees on February 22 and will be submitted to FERC in early March, 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](#).

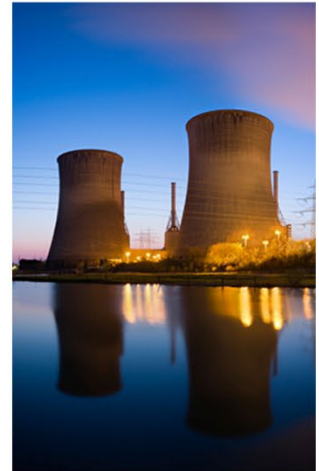
NERC is launching several initiatives to ensure industry and stakeholders are kept informed throughout this critical, three-phase project:

- **IBR Registration Initiative Quick Reference Guide:** This [visual dashboard](#) allows stakeholders to easily locate key project updates and resource documents and will be updated regularly. The quick reference guide can be found on the front page of the [NERC website](#) under the “Initiatives” tab.
- **Quarterly Updates:** To further facilitate transparency and alignment, NERC will produce a quarterly progress report that will be posted and shared publicly, and the link added to the [IBR Registration Initiative Quick Reference Guide](#) as well as to the [Registration web page](#).

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- **Additional Resources and Training Material:** As needs are identified, additional fact sheets and educational materials will be produced to integrate new entrants into the broader ERO Enterprise model.

“System events over the past six years have shown that these resources are impacting the reliability of the bulk power system,” said Howard Gugel, vice president of Compliance Assurance and Registration at NERC. “It is imperative that we register these resources and modify applicable Reliability Standards to establish operating expectations.”

As the ERO, NERC recognizes the critical importance of ensuring identified entities are integrated smoothly and educated on the scope and role of the ERO Enterprise model. NERC is committed to overseeing an effective, informed transition to maintain grid stability and reliability, ensure a strong security posture from this growing sector and achieve a resilient power system capable of meeting 21st Century energy demands. NERC’s efforts in this area are reflected in its 2024 work plan priorities, which strive to keep NERC at the forefront of the transformation by focusing on four key areas: Energy, Security, Agility and Sustainability.

NERC requests that you share this and other IBR-related information with entities affected by the [FERC order](#).

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Electricity is a key component of the fabric of modern society and NERC, as the Electric Reliability Organization, serves to strengthen that fabric. The vision for the ERO Enterprise, which is comprised of NERC and the six Regional Entities, is a highly reliable and secure North American bulk power system. Our mission is to assure the effective and efficient reduction of risks to the reliability and security of the grid.