



Inverter-Based Resources

Registration Initiative

July 2024



To address the risk posed by the emerging penetration of Inverter-Based Resources, FERC issued an [order](#) to NERC on November 17, 2022, to develop a work plan to identify and register Inverter-Based Resources connected to the Bulk Power System that were not currently required to register under the NERC Bulk Electric System definition.

On February 15 2023, NERC submitted the [work plan](#) to FERC which included modifying the NERC [Rules of Procedure](#) to register IBRs that can impact the BES. FERC approved the work plan on May 18, 2023,

Modifications to the ROP included adding “Category 2” Generator Owners/Operators to Appendix 5B. Category 2 GO/GOPs are entities that own/operate non-BES inverter based

generating resources that either have or contribute to an aggregate nameplate capacity of greater than or equal to **20 MVA**, connected through a system designed primarily for delivering such capacity to a common point of connection at a voltage greater than or equal to **60 kV**. FERC issued an [order](#) approving the modifications to the ROP on June 27, 2024.

Category 2 Generator Owners and Generator Operators will be identified/notified by NPCC by **May 2025** and will be registered by **May 2026**.

IBR Resources

[Quick Reference Guide:
IBR Registration Initiative](#)

[Registration and
Certification \(npcc.org\)](#)

[DER/VER Forum
\(npcc.org\)](#)

For questions, please email Registration@npcc.org