

# Photovoltaic inverter registration



## Overview

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Effective May 15, 2026, entities must register with NERC that own and operate non-Bulk Electric System (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 . Effective May 15, 2026, entities must register with NERC that own and operate non-Bulk Electric System (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 . The PRIME Prize is open to U. -based manufacturing organizations that produce solar PV modules or inverters. The PRIME Prize consists of two phases, spanning two and a half years. Phase 1 "Apply" - . The Inverter-Based Resource (IBR) Registration Initiative is closing a critical reliability gap by targeting unregistered IBRs connected to the bulk power system (BPS). These unregistered resources materially affect the BPS but are not subject to NERC Reliability Standards. Based on . Use of the legacy PCS request form for Energy Storage System (ESS) operating modes will not be allowed after June 30, 2026. Requests using the legacy form submitted after this date will be automatically rejected.

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### 2025 Inverter-Based Resource Registration Initiative

The Inverter-Based Resource (IBR) Registration Initiative is closing a critical reliability gap by targeting unregistered IBRs connected to the bulk power system (BPS).

### Product registration

Product registration If you register your Fronius product within 30 months, you can opt for one of our attractive warranty models completely free of charge!



### [FERC Proposes IBR Standards, Registration to Improve Grid Reliability](#)

FERC took several actions today focused on inverter-based resources (IBRs), including proposing that new mandatory standards be developed to enhance the reliability of the bulk electric

### Solar Equipment Lists Program

To view listed equipment or download a copy of the active PV Module, Inverter, Energy Storage System (ESS), Battery, Meter, or Power Control System (PCS) lists please visit the Energy



### [Promoting Registration of Inverters and Modules with Ecolabel](#)

The prize incentivizes the registration of PV



### [American-Made Promoting Registration of Inverters and Modules with](#)

The American-Made PRIME Prize aims to increase the registration of solar PV modules and inverters through the EPEAT ecolabel for easier identification of equipment that meets rigorous

module and inverter products through the EPEAT ecolabel. EPEAT is an ecolabel operated and maintained by the Global Electronics Council (GEC) for certain



### **Deadline approaching to comply with new NERC regulations**

In response, the Federal Energy Regulatory Commission (FERC) and the North American Electric Reliability Corp. (NERC) have closed a long-standing regulatory gap by requiring registration

### **Document Portrait (Two Pages)**

By application of Generator Owner (GO) and Generator Operator (GOP) functional type definitions (i.e., Category 2 Criteria) the Owner and Operator of the Photovoltaic Cells & the associated Inverter



### **Solar Licensing Database**

IREC's National Solar Licensing Database provides the latest licensing, certification, and other requirements impacting the solar industry.

### **Registration Department Photovoltaic Inverters**

For New Applicants of Utility-Interconnected Photovoltaic Inverters: to test report as per IS 16221 (Part 2): 2015. For establishing compliance, Manufacturer shall declare the efficiency for each model (lead



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