

NERC Requirements around Inverter-Based Resources (IBR)

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NERC IBR Initiative:

[Watch this video for more information](#)

FERC Order 901 (end of 2030):

- Data Sharing
- Model Validation
- Planning & Operational Studies
- Performance Requirements

What's an IBR

- Device(s) capable of exporting Real Power
- Inverter or Converter
- Operated together at POI to the electric system

Examples of IBR

- Solar PV
- Type 3 and Type 4 Wind
- BESS
- Fuel Cell Devices

NERC Compliance for non-BES Inverter-Based Resource (s).

Category 2 = ≥ 20 MVA
aggregate capacity
connected at ≥ 60 kV



Stay up to date with NERC
IBR activities by scanning
the QR Code

CLEANPOWER



Registration

781 CAT 2 IBRs identified
May 15, 2026
Start Now

GO/GOP Definition Passed

82.5% Ballot Passed.

Standards in effect for CAT 2

May 16, 2026

- BAL-001-TRE
- IRO-010-5
- MOD-032-1
- PRC-012-2
- PRC017-1
- TOP-003-6.1 (7/1/2025)
- VAR-001-5
- VAR-002-4.1

Additional Standards

- PRC-028-1 (7/1/2026)
- PRC-029-1 (FERC Filing)
- PRC-030-1 (TBD)

All other standards require
modifications



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