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| NOGRR Number | [279](https://www.ercot.com/mktrules/issues/NOGRR279) | NOGRR Title | Deadline Extensions for Recording Equipment Installation |
| Date Posted | | July 23, 2025 | |
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| Requested Resolution | | Normal | |
| Nodal Operating Guide Sections Requiring Revision | | 6.1.4, Fault Recording, Sequence of Events Recording, and Phasor Measurement Unit Requirements for Inverter-Based Resources (IBRs) | |
| Related Documents Requiring Revision/Related Revision Requests | | None | |
| Revision Description | | This Nodal Operating Guide Revision Request (NOGRR) modifies the monitoring equipment installation deadlines established by NOGRR255, High Resolution Data Requirements, to January 1, 2029 in a manner consistent with North American Electric Reliability Corporation (NERC) Reliability Standard, PRC-028-01, Disturbance Monitoring and Reporting Requirements for Inverter-Based Resources. This language also clarifies that synchronized resources that have Standard Generation Interconnection Agreements (SGIAs) executed prior to July 25, 2024 (the date in which the Public Utility Commission of Texas (PUCT) approved NOGRR255) have 12 months beyond their Commercial Operations Date to comply with the new equipment standards. | |
| Reason for Revision | | [Strategic Plan](https://www.ercot.com/files/docs/2023/08/25/ERCOT-Strategic-Plan-2024-2028.pdf) Objective 1 – Be an industry leader for grid reliability and resilience  [Strategic Plan](https://www.ercot.com/files/docs/2023/08/25/ERCOT-Strategic-Plan-2024-2028.pdf) Objective 2 - Enhance the ERCOT region’s economic competitiveness with respect to trends in wholesale power rates and retail electricity prices to consumers  [Strategic Plan](https://www.ercot.com/files/docs/2023/08/25/ERCOT-Strategic-Plan-2024-2028.pdf) Objective 3 - Advance ERCOT, Inc. as an independent leading industry expert and an employer of choice by fostering innovation, investing in our people, and emphasizing the importance of our mission  General system and/or process improvement(s)  Regulatory requirements  ERCOT Board and/or PUCT Directive  *(please select ONLY ONE – if more than one apply, please select the ONE that is most relevant)* | |
| Justification of Reason for Revision and Market Impacts | | On July 25, 2024, the PUCT approved NOGRR255, establishing deadlines in which facility owners are required to install various amounts of recording equipment. When NOGRR255 was approved, the PRC-028-1 requirements and timeline for implementation were not yet finalized. Since then, the Federal Energy Regulatory Commission (FERC) has approved federal implementation standards which requires resources to make changes that comply with NOGRR255 requirements and the federal requirements simultaneously. By modifying NOGRR255’s completion dates in recognition of the new federal standards, this NOGRR allows facilities to implement a single equipment change that will be consistent with, both, the ERCOT equipment requirements and the PRC-028-01 requirement required by the Texas Reliability Entity (TRE). | |

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| Proposed Guide Language Revision |

6.1.4 Fault Recording, Sequence of Events Recording, and Phasor Measurement Unit Requirements for Inverter-Based Resources (IBRs)

(1) IBRs include any source of electric power connected to the ERCOT System via a power electronic interface that consists of one or more IBR unit(s) capable of exporting active power from a primary energy source or energy storage system.

(2) All transmission-connected IBR facilities operating at 60 kV with gross aggregated nameplate capacity of 20 MVA at a single site must meet all requirements in this section.

(3) Facility owners shall install new fault recording and sequence of events recording equipment identified in this section as soon as practicable.

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| ***[NOGRR255: Replace paragraph (3) above with the following no earlier than January 1, 2029:]***  (3) Facility owners shall have new fault recording equipment, sequence of events recording equipment, and phasor measurement units identified in paragraph (2) above installed and configured in 100% of their Facilities. |



(4) Resources that have an original Standard Generation Interconnection Agreement (SGIA) executed before July 25, 2024 and which have not received approval for commercial operations must meet the requirements of this section no later than 365 days after their Commercial Operations Date.