

Aggregated Report Posted

Findings from Recommendation to Industry: Inverter-Based Resource Model Quality Deficiencies

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WASHINGTON, D.C. – NERC has posted a report summarizing the key findings from the Level 2 Recommendation to Industry: [Inverter-Based Resource Model Quality Deficiencies Alert](#), which was issued on September 2, 2024 to Generator Owners (GO), Transmission Planners (TP), and Planning Coordinators (PC). The alert included numerous recommendations for modeling best practices and a series of questions, that were intended to gather dynamic modeling information from BES-connected IBR GOs, TPs, and PCs to understand the extent of condition of dynamic modeling deficiencies for IBR. The aggregated report is being posted for awareness to help inform industry what additional actions are necessary to mitigate observed deficiencies.

The rapid interconnection of IBRs is one of the most significant drivers of grid transformation and poses a high risk to grid reliability. For more information on NERC's current and future work to mitigate emerging risks associated with IBR performance issues, please view the [IBR Activities Quick Reference Guide](#) and the [Inverter-Based Resource Strategy](#). The quick reference guide consolidates the work that the ERO Enterprise has done regarding this topic and is regularly updated by the subject matter experts to reflect new additions. The strategy includes four key focus areas: risk analysis, interconnection process improvements, sharing best practices, and industry education and regulatory enhancements. Each focus area includes specific activities and work items that are described in more detail throughout the strategy document.

The ERO Enterprise remains committed to identifying and working toward solutions to better manage the complex reliability challenges facing industry during this time of unprecedented change.

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