

DRAFT

PJM Compliance Bulletin

CB025, NERC Standard PRC-002-2 – Disturbance Monitoring and Reporting Requirements

General

NERC Standard PRC-002-2 requires entities to have adequate data available to facilitate analysis of Bulk Electric System (BES) Disturbances.

The purpose of this Compliance Bulletin is to document the process for Transmission Owners (TO) and Generator Owners (GO) to submit sequence of events recording (SER) and fault recording (FR) data for identified BES buses and dynamic Disturbance recording (DDR) data for identified BES Elements to PJM as Planning Coordinator in the Eastern Interconnection when requested.

Background

NERC Standard PRC-002-2 requires entities to have adequate Disturbance monitoring data available to facilitate the analysis, reconstruction, and reporting of System Disturbances. The emphasis of PRC-002-2 is not on “how” the data is captured but more so on “what” data is captured. To this end, it requires the Planning Coordinator to identify BES Elements for which dynamic Disturbance recording data is required as per Requirement R5 and for the Transmission Owners and Generator Owners to submit the corresponding DDR data for those BES Elements it owns to the Planning Coordinator, Regional Entity or NERC upon request. It also requires Transmission Owners and Generator Owners to submit sequence of events recording and fault recording data to the same entities upon request.

PJM as Planning Coordinator has identified the BES Elements requiring DDR data using a 5-year Regional Transmission Expansion Plan (RTEP) load flow case and applying the criteria outlined in Requirement’s R5.1 and R5.2. Impacted Transmission Owners and Generator Owners were formally notified prior to the 07/01/2016 Enforcement Date of the Standard that their respective BES Elements require DDR data when requested as per Requirement R5.3.

Applicable entities that need to fulfill their respective SER and FR data requests for the BES buses identified in Requirement R1 as well as DDR data requests for BES Elements identified in Requirement R5 to PJM as the Planning Coordinator can do so by submitting the data in the format specified by the standard to the email address NERC.Transmission.Planner@pjm.com. PJM will provide any additional guidance if applicable at the time of the data request.

PJM anticipates re-evaluating all BES Elements for which DDR data is required at least once every five calendar years and will notify owners to implement the re-evaluated list as per the Implementation Plan put forth by NERC. Likewise, Transmission Owners are expected to re-evaluate all BES buses for which SER and FR data is required at least one every five calendar years.



Conclusion

PJM is issuing this document to clarify the process for applicable TOs and GOs to submit all SER and FR data for identified BES buses identified in R1 and DDR data for identified BES Elements identified in R5 per NERC Standard PRC-002-2 to PJM as Planning Coordinator in the Eastern Interconnection upon request.

Development History

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