

PJM Compliance Bulletin

CB017 NERC Standard PRC-005

General

PJM issues this compliance bulletin in order to provide guidance for PJM Transmission Owners, Generator Owners, and Distribution Providers that are required to document and implement programs for the maintenance of all Protection Systems affecting the reliability of the Bulk Electric System (BES).

Discussion

The applicable entities of PRC-005 have a requirement to document and implement programs for the maintenance of all Protection Systems affecting the reliability of the Bulk Electric System (BES). Maintenance programs for automatic reclosing schemes are also required for protection systems at generating plant substations where the total installed gross generating plant capacity is greater than the gross capacity of the largest BES generating unit within the Balancing Authority Area (see applicable facilities, section 4.2.7.1). PJM, in its role as the Balancing Authority for the RTO, determines which unit is the largest single BES generating unit within the Balancing Authority Area.

Result

The winter gross capacity of the largest single BES generating unit within the Balancing Authority Area is 1,3~~65~~⁵⁴ MWs. Entities should use this value when determining their applicability under section 4.2.7.1 of the facilities section of PRC-005.

While this information is essentially static, it does have the potential to change, and may not reflect the largest single contingency in the Balancing Authority area. In the event that the winter gross capacity of the largest BES generating unit within the Balancing Authority Area does change, this Compliance Bulletin will be revised and notification will be given to the SOS-T/G.

Development History

<u>Revision: 12</u>	<u>09/15/2025</u>
<u>SME:</u>	<u>Darrell Frogg, Sr. Lead Engineer, Generation</u>
<u>Author:</u>	<u>Gizella Mali, Lead Analyst, FERC & Reliability Compliance</u>
<u>Reviewers:</u>	<u>Tom Foster, Sr. Manager, FERC & Reliability Compliance, Michael Zhang, Manager, Generation</u>
<u>Approver:</u>	<u>Michael Del Viscio, Executive Director, Regulatory Compliance</u>
<u>Reason:</u>	<u>Annual review. Updated MWs values of the largest BES Gen unit within the BA area.</u>

Revision: 11	08/28/2024
SME:	Vince Stefanowicz, Sr. Lead Engineer, Generation, Darrell Frogg, Sr. Lead Engineer, Generation
Author:	Gizella Mali, Lead Analyst, NERC Compliance
Reviewers:	Tom Foster, Sr. Manager, NERC Compliance, Michael Zhang, Manager, Generation
Approver:	Michael Del Viscio, Executive Director, Law & Compliance
Reason:	Annual review. No change has been identified.

Revision: 10	08/16/2023
SME:	Vince Stefanowicz, Sr. Lead Engineer, Generation
Author:	Gizella Mali, Sr. Analyst II, NERC Compliance
Reviewers:	Tom Foster, Sr. Manager, NERC Compliance
Approver:	Michael Del Viscio, Executive Director, Law & Compliance
Reason:	Updated MWs values of the largest BES Gen unit within the BA area to reflect largest generating unit

Revision: 9	03/21/2023
SME:	Vince Stefanowicz, Sr. Lead Engineer, Generation
Author:	Gizella Mali, Sr. Analyst II, NERC Compliance
Reviewers:	Tom Foster, Sr. Manager, NERC Compliance
Approver:	Michael DelViscio, Executive Director, Law & Compliance
Reason:	Updated MWs values of the largest BES Gen unit within the BA area. Removed standard version. Added

Revision: 8	Publication date: 06/09/2020
Author:	Thomas M. Moleski
Reviewers:	Mark L. Holman, Manager, NERC and Regional Coordination Department
Approver:	Michael DelViscio
Reason for	Confirmed the winter gross capacity of the largest BES generating unit within the Balancing Authority

Revision: 7	Publication date: 02/08/2019
Author:	Thomas M. Moleski, Senior Compliance Specialist, NERC and Regional Coordination Department

Reviewers:	Mark L. Holman, Manager, NERC and Regional Coordination Department
Approver:	Michael DelViscio, Sr. Director, Compliance & Reliability Standards
Reason for	Confirmed the winter gross capacity of the largest BES generating unit within the Balancing Authority

Revision: 6	Publication date: 02/01/2018
Author:	Thomas M. Moleski, Senior Compliance Specialist, NERC and Regional Coordination Department
Reviewers:	Mark L. Holman, Manager, NERC and Regional Coordination Department
Approver:	Robert Eckenrod, Chief Compliance Officer
Reason for	Refreshed wording in the discussion to mimic the wording of the requirement. Confirmed the winter

Revision: 5	Publication date: 06/12/2017
Author:	Thomas M. Moleski, Senior Compliance Specialist, NERC and Regional Coordination Department
Reviewers:	Mark L. Holman, Manager, NERC and Regional Coordination Department
Approver:	Robert Eckenrod, Chief Compliance Officer
Reason for	Confirmed the winter gross capacity of the largest BES generating unit within the Balancing Authority Area,

Revision: 3	Publication date: 09/12/2016
Author:	Thomas M. Moleski, Senior Compliance Specialist, NERC and Regional Coordination Department
Reviewers:	Mark L. Holman, Manager, NERC and Regional Coordination Department
Approver:	Robert Eckenrod, Chief Compliance Officer
Reason for	Confirmed the winter gross capacity of the largest BES generating unit within the Balancing Authority Area,

Revision: 2	Publication date: TBD, Effective upon approval of PRC-005-3 (i)
Author:	Thomas M. Moleski, Senior Compliance Specialist, NERC and Regional Coordination Department
Reviewers:	Mark L. Holman, Manager, NERC and Regional Coordination Department
Approver:	Robert Eckenrod, Chief Compliance Officer
Reason for	Confirmed unit information, added Mark Sims as reviewer (as the Planning Coordinator)

Revision: 1	Publication date: 02/23/2016
Author:	Thomas M. Moleski, Senior Compliance Specialist, NERC and Regional Coordination Department
Reviewers:	Mark L. Holman, Manager, NERC and Regional Coordination Department
Approver:	Thomas Bowe, Executive Director, Reliability and Compliance
Reason for	Updated section numbers to conform to the latest approved version of the Standard. Confirmed the winter

Revision: 0	Publication date: 09/22/2015
Author:	Thomas M. Moleski, Senior Compliance Specialist, NERC and Regional Coordination Department
Reviewers:	Mark L. Holman, Manager, NERC and Regional Coordination Department
Approver:	Thomas Bowe, Executive Director, Reliability and Compliance
Reason for	This is a newly developed document.