

Meeting Notes

Project 2020-06 Verifications of Models and Data for Generators Drafting Team

October 27, 2023 | 1:00 - 4:00 p.m. Eastern

Conference Call with Web Access

Introduction and Chair's Remarks

[NERC Antitrust Compliance Guidelines](#) and [Public Announcement*](#)
[NERC Participant Conduct Policy](#)

Administrative

1. Review NERC Antitrust Compliance Guidelines and Public Announcement

2. Safety Instructions – N/A

3. Determination of Quorum

The rule for NERC standard drafting team (SDT) states that a quorum requires two-thirds of the voting members be physically present. Quorum was achieved with 9 members in attendance. See the table provided below.

4. Introductions and Chair's Remarks

Brad thanked all members for their continued effort and progress, and for all those attending and observing.

5. Review Meeting Agenda and Objectives

Agenda Items (Draft 4 of MOD-026-4)

Informal Comment Period – Overall themes:

- Unclear why there needs to be distinct definition for PED and Inverter-Based Resource (IBR). Too much overlap between the two terms.
- The Power Electronic Device (PED) term is too broad. A PED can mean almost anything power electronic based device/technology, such as an IGBT, computers, etc.
- The definitions should be more similar to the IEEE definitions, since these are well established.
- The definition for IBR should not include “BPS-connected.” An IBR is an IBR regardless of where it is connected to the electrical power system, (e.g., transmission, distribution, BES, BPS, etc.)
- The definitions should make it clearer which types of technologies are considered IBR.

IBR definitions: The SDT discussed draft Glossary of Term definitions for IBR Unit (previously PED) and IBR. The team voted unanimously in agreement on the Glossary of Terms listed below. The Technical Rationale will be drafted separately for the terms below.

IBR Unit: An individual device or a grouping of multiple devices that uses a power electronic interface(s), such as an inverter or converter, capable of exporting Real Power from a primary energy source or energy storage system, and that connect together at a single point on the collector system.

IBR: A source (or sink in the case of charging BESS) of electric power that is connected to the electric power system (transmission, sub-transmission, or distribution system), and that consists of one or more IBR Unit(s) operated as a single resource at a common point of interconnection. IBRs include solar photovoltaic (PV), Type 3 and Type 4 wind, battery energy storage systems (BESS), and fuel cells.

Project timeline: Request authorization to post the definitions for formal comment and initial ballot at the November 15, 2023 Standards Committee meeting.

Next Meeting – To be determined - based on the initial posting close date

Industry webinar – December 5, 2023

The meeting adjourned 3:40 p.m. Eastern.

Attendance		
Name	Company	Conference Call (Y/N)
Brad Marszalkowski (Chair)	ISO-New England	Y
Katie Iverson (Vice Chair)	S Power (AES Corporation)	Y
Andrew Arana	Florida Power & Light	Y
Wes Baker	EPRI	Y
William Casey Harman	Puget Sound Energy	Y
Sam Li	BC Hydro	Y
Jason MacDowell	GE Energy Consulting	N
Robert J. O’Keefe	American Electric Power	Y
Ebrahim Rahimi	California ISO	Y
Jonathan Rose	ERCOT	Y

Attendance		
Name	Company	Conference Call (Y/N)
Jerry L Thompson	Kestrel Power Engineering	Y
Michael (Bing) Xia	Powertech Labs	Y