

NERC

NORTH AMERICAN ELECTRIC
RELIABILITY CORPORATION

Coordination Subgroup Introduction

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NERC SPIDER WG Meeting

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RELIABILITY | ACCOUNTABILITY



- Co-Lead Introduction
- Purpose of Coordination Subgroup
- Issues
- Work Plan
- Contact Information
- Introduction to IEEE Std 1547-2018

The Need for Coordination:

Since the impacts of DER cross the boundaries between wholesale/retail and transmission/distribution, the coordination subgroup will investigate issues related to the coordination of various entities and topics that may typically remain unaddressed due to lack of a clear owner.

- IEEE Std 1547-2018 provides significant reliability benefits and capabilities for DER moving forward which also help support BPS reliability and performance. It is important to understand how the various specifications can support the BPS
- Verification may include testing or simulations to determine how and when to use certain DER settings. The studies performed to determine applicable settings could help support BPS reliability.
- Coordination is needed between the transmission and distribution entities, or even between the transmission and distribution departments within an organization. Strategies and best practices could provide useful information for transmission and distribution entities.
- Coordination will be needed between IEEE, CIGRE, IEC, NATF, and other industry stakeholder groups and expert forums to share industry practices and recommendations effectively.
- MOD-032-1 does not mention DER as a necessary data point for the purposes of modeling in Attachment 1. Also, load serving entity was removed as a NERC registration; a NERC Standards project is in place to replace load serving entity with distribution provider.

#	Task Description	Risk Profile(s)	Strategic Focus Area(s)	Target Completion	Requested PC Action	Status
C1	<p>Review of IEEE Std. 1547-2018 for impacts to BPS Technical review of IEEE Std. 1547-2018 and development of any guidance on determination and effective use of performance requirements and settings within IEEE St. 1547-2018.</p>			Q3-2019	No	
C2	<p>Reliability Guideline: Communication and Coordination Strategies for Transmission Entities and Distribution Entities regarding Distributed Energy Resources Develop recommended strategies to encourage coordination between Transmission and Distribution entities on issues related to DER such as information sharing, performance requirements, DER settings, etc.</p>			Q4-2019	Yes	
C3	<p>Educational Material to Support Information Sharing between Industry Stakeholders Develop material to educate industry stakeholders on practices, recommendations and technical work developed by other industry organizations.</p>			C4-2019	No	
C4	<p>Review of MOD-032-1 for DER Data Collection Technical Review of MOD-032-1 to ensure sufficient clarity and capability for data collection related to DER.</p>			Q3-2019	Yes	
C5	<p>Review DER terminology Draft report detailing the various terminology used for DER</p>			Q2-2019	Yes	

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Questions and Answers