

MADRI Interconnection Sub-Group Update

8th MADRI Working Group Meeting
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Goal of Subgroup: Develop Model Procedures For MADRI States To Consider in Developing State-Wide Interconnection Requirements

- *Two Considerations:*
 - *Technical Standards (Establishes requirements for DG interconnection equipment)*
 - *Interconnection Procedures (Establishes how DG equipment gets connected)*

Summary Overview of Sub-group Activities

- Straw man introduced to sub-group in May
- 8 meetings since May 26
- Final document to be released on August 15

Summary Overview of Procedures

- Four Categories of Review
 - Expedited {
 - Level 1 <10KVA Inverter Based
 - Level 2 <2 MVA Inverter Based
 - Level 3A – DG Does Not Export Power
 - Level 3 – Up to 10 MVA
- Reference to PJM Small Generator Technical Requirements (IEEE 1547 Based)
- Criteria for Testing & Certification
- Two Standard Interconnection Agreements
 - 10 KVA and Less
 - > 10 KVA to 10 MVA

How Disagreements Are Treated

- Those organizations that are not in agreement are invited to provide comments that:
 - Summarize why they feel the consensus language is not appropriate including any supporting documentation or references.
 - Propose alternative language for states to consider and adopt.
- The intent of the above is to provide utility commissioners and their staffs with a fair and accurate summary of the disagreement for their consideration in developing final interconnection rules.

Procedures—Summary Overview

Significant Progress

- Criteria for Equipment Certification
- New Level 3A
- Interconnection to Area Networks

Disagreement

- Fees
- Timelines
- Certain Aspects of Standard Agreements

Technical Requirements Summary Overview

Significant Progress

- IEEE 1547 Based Standards
- Integration With Testing Requirements & IEEE 1547.1
- Streamlined Interconnection Request Forms

Disagreement

- PJM vs. IEEE 1547
- Isolation Device
- Fault Current as a % of Short Circuit Interrupt Capability