

MA TSRG Meeting – May 16, 2017
National Grid, Worcester

In attendance:

First Name	Last Name	Company/Affiliation
Gerry	Bingham	DOER
Jon	Bonazoli	Unitil
Mike	Brigandi	Eversource
Michael	Coddington	NREL
Ghebre	Daniel	DPU
Babak	Enayati	National Grid
Brett	Jacobson	Eversource
Cindy	Janke	Eversource
Keith	Jones	Eversource
Paul	Krell	Unitil
Will	Lauwers	DOER
Liana	Moore	National Grid
Jeannie	Piekarz	National Grid
Brian	Ritzinger	DPU
Timothy	Roughan	National Grid
Reid	Sprite	SourceOne/Veolia North America
Nancy	Stevens	DPU
John	Lewis	Aegis Energy Services
William	Kern	National Grid
Shay	Banton	Borrego Solar
David	Forrest	ISO-NE
Samer	Arafa	National Grid

Meeting commenced at 8:10 AM.

Introductions by Mike Brigandi.

Samer Arafa from National Grid presented their Smart Inverter pilot project (presentation attached).

Babak Enayati presented updates on IEEE 1547 update

- Editorial revisions are complete.
- Balloting is closed as of May 12.
- If 75% approval, standard will pass and go into effect in August.

- If it does not pass, comments will need to be addressed, and a second ballot will be required.

Dave Forrest from ISO-NE presented on the considerations over the implementation of the revised IEEE 1547 standard (presentation attached).

- ISO-NE concerned that it may take Distribution Companies too long to implement new changes and that it could have adverse effects on the bulk power system.
- ISO-NE would like new IEEE 1547 implemented by end of 2017.
- Key concerns: voltage and frequency ride-through
- Key recommendations:
 - Synchronous generators should meet requirements of Category I
 - Inverter-based DER should meet requirements of Category III
- TSRG members raised concerns over interconnection studies and timelines under the new standard
 - New standard is much more complex
 - Developers that are ignorant of IEEE 1547 continue to be a problem
 - Study and modeling tools are not available to the utilities
 - Interconnection costs may increase for customer

Reid Sprite presented the draft Common Technical Guideline to the group. It was agreed that the document would remain private to the core TSRG members until the utilities have had a chance to thoroughly review.

Keith Jones presented on Eversource's Stiffness Factor (presentation attached).

Shay Banton from Borrego Solar presented on utility-provided data for the pre-application report and initial screening report. He noted that the utilities have not been providing data such as available fault current and feeder loading as mandated in the tariff under the Standard Review process. The utilities are looking into why this data has not been provided and will provide an update for the next meeting. Shay will also circulate a draft Initial Review template for future discussion.

Future planning:

- What topics are going to need subcommittees?
 - The TSRG will form a utility subcommittee on IEEE 1547 changes.
 - First subcommittee meeting will meet on June 13.
- Next TSRG meeting will be on August 29 in Worcester (National Grid).