

Massachusetts TSRG Meeting Notes

Date:	December 14th, 2022	Meeting held as part of the Massachusetts Technical Standards Review Group (TSRG) for discussion of industry topics and collaboration amongst utilities and the DG community. Meeting minutes are outlined below. If there are any corrections, additions, or omissions please notify the preparer.
Prepared by:	Mrinmayee Kale mkale@newleafenergy.com	

Participants:

Shakir, Sahir	Doug Pope
Shamog, Mohamed	Brian Lydic (Guest)
Porcaro, Michael	Ishaan jena (Guest)
Israel, Nancy	Edington, Aurora (ENE)
Connell Christopher	Mrinmayee Kale (New Leaf Energy) (Guest)
Amber, Jeannie M	Doug Denny-Brown, PathZERO Energy (Guest)
Ferrante, David A	Jon Gay (Guest)
Ritzinger, Brian (DPU)	Justin Ulrich - Unitil
CERULLI, JOHN	Andrew Chabot (Guest)
Derek Bryant	Kavita Ravi
Carlos Sabillon	Jonathan Salsman
Bingham, Gerry (ENE)	Kyle Bessette
Octave, Fritz G	Sid (Guest)
Richard Labrecque	Glenn McGillicuddy
Adam Houghton	Claire Loe
John Bonazoli -Unitil (Guest)	Woodard, Justin
Paul Krell - Unitil (Guest)	Maryam Dadkhah (Guest)
Iqbal, Shakir	Nigam Trivedi
Jonathan Demay	Moawad, Mina
Debs, Joseph N	Komal Shetye
Ryan McGlothlin	Tortorella, John
Greg Hunt	Jacobson, Brett A
Marcaurele, Devon	Dabkowski, Daniel
Chris (Guest)	Slack, Emily
Jeremy Kites - Unitil (Guest)	Maiorano, Ariel
Nachum Sadan (GridEdge Networks) (Guest)	
Tony Morreale	
Maria French	
Rahul Pantagada	
Russ Aney	
Brian Lydic	
Brad Marszalkowski (Guest)	
Wassink, Paul	
CM (Guest)	
Chris Lee	
Walsh, Nathan	
Mike Wall	

Discussion Topics

Sub-group updates:

- IEEE 1547-2018 adoption
 - Communication standard – Trouble finding correct representation. Jan 15th to finalize membership.
 - IEEE 1547-2018 default settings requirements applicability – All apps after Oct 1st 2023. For systems >500kW, compliance is required starting Jan 1st 2023, the documentation will be required before interconnection.

ESS ramp rates and schedules

- ESS schedule revisions being discussed.
- Request for consideration of behind the meter systems in the next couple of meetings.
- Refinement may be needed to the common guideline in the future after consensus language is implemented.

Dynamic Modeling Group

- This group has attained its objective. Checklists are created for PSCAD models.
- Request to developers and inverter manufacturers to create standard models that would avoid the need to create project specific models

Area Networks group

- No new updates. ConEd/EDC meeting occurred on 06/29/2022.
- Detour question: Do the EDCs have a refined process for long lead equipment procurement?

Expedited process subgroup

- The objective was to identify project characteristics for qualifying for the expedited process subgroup
- Jan 2023 target for finalizing membership
- Russ receiving calls from installers for residential systems from the Cape regarding delays and excessive study costs.

Flexible interconnection

- Presentation by Amp Energy – Ishaan Jena
- DERCOM technology implemented for NY project
- Until – How does this differ from a DERMS system? Flexible interconnection is a use case of DERMS
- John Bonazoli invites Nachum and Ishaan Jena to discuss comms requirements
- What constraints did you avoid? The 3% curtailment seems very high for enabling only 1.25MW. The constraints were at the feeder level.
- Curtailment is LIFO. NGrid – Prorata approach would have enabled more MWs.
- Did you have any challenge to get data from utilities, for example 8760 loading? The demo project was done in Avangrid territory, and they were able to provide the data.

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- Could the utilities provide an update on whether EDCs have the availability of 8760 data?
- CA is moving towards changing export limits on a monthly basis. Rather than doing a specific study, can hosting capacity analysis serve a similar purpose? How often is the curtailment happening? A new setpoint can be set every few secs. Utilities have a 24hr hosting capacity profile for each month for each MV node.
- Did you capture the curtailed energy? No. there was no storage coupled with this project.

Act driving clean energy and offshore wind

- EDCs to assemble electric sector modernization plans by Sept 2023
- Grid modernization advisory council to review and approve EDC plans

ESS Updates

- The EDCs to present the metering solution for SAS projects participating in wholesale markets.

Until

- **Substation data SCADA**
- **VVO some challenges**
- Will utilities impose requirements related to cyber security on DERs? The goal is to make sure new equipment won't be required.
- DERCOM pilot implementation in Avangrid NY has figured out some details about cyber security requirements.

Equipment availability

Equipment Availability

- Supply chain impacts
 - Affecting customer and EDC procurement
- EDC's proactively working with equipment suppliers and internal procurement departments
 - Forecasting quantities
 - Reviewing on-hand stock
- Working with customers on issues
 - Coordinating schedules for customer side equipment delays
 - Working to minimize impacts for EDC manufacturer delays

Membership list confirmation:

- Reach out to Mike Porcaro or Mrinmayee Kale if you would like to be included to the mailing list.