

Massachusetts Technical Standards Review Group

Quarterly Meeting

December 7, 2023

**The Massachusetts
Technical Standards
Review Group**



Agenda

1:00-1:05 PM	Opening Comments
1:05-1:25 PM	Elections and New Business
1:25-4:00 PM	ESMP Technical Deep Dive Discussion (see detail below) facilitated by West Monroe Partners

I. Session Objectives and Introductions – West Monroe Partners (5 minutes)

- a. Introductions
- b. Review Scope and Objectives
- c. Forum protocol

II. ESMP Overview - EDCs (30 minutes presentation | 30 minutes Q&A)

- a. Utility Overview (territory, customer base, assets/infrastructure)
- b. Clean Energy Targets and Objectives
- c. Forecasting Methodology
- d. EDC Forecast Assumptions
- e. ESMP Summary (5-year, 10-year, 2035-2050)

***** 5 Minute Break *****

III. Technical Discussion – Facilitated by West Monroe Partners (40 minutes presentation | 45 minutes Q&A)

- a. Current State of Distribution Interconnection of PV and Storage
- b. Infrastructure plans to enable PV, storage, and beneficial electrification
 - i. CIPs noted in ESMP (pending, proposed)
 - ii. ESMP Investments (capacity additions for beneficial electrification)
- c. DERMS Platform Implementation
 - i. Solution Overview
 - 1. Scope
 - 2. Timeline
 - ii. Pilots (Flexible Interconnection)
- d. Non-Wires Alternatives
 - i. Framework & locations where opportunities for NWA are noted in ESMPs
 - ii. Proposed Grid Services Compensation Fund and studies

Next Quarterly Meetings

- Mar 25, 2024
- June 27, 2024

Administrative Items

- Refer to TSRG Website for all information related to the group
<https://www.mass.gov/info-details/massachusetts-technical-standards-review-group>
 - Membership
 - By-Laws
 - Reference Documents
 - Past Meeting Notes & Materials
 - Common Technical Guideline
 - Upcoming meeting info and registration link
- For any questions, suggestions, or to get on the mailing list email:
 - Chair - Michael.Porcaro@nationalgrid.com
 - Vice-Chair - mkale@newleafenergy.com

Leadership Elections / Appointment

- **Membership – Total of 7**

- Utility: One from each of the 3 Utilities
- Non-Utility:
 - (2) DG industry
 - (1) Government/Customer Sector
 - (1) Ex Officio

- **Leadership**

- Chair: Appointed by Utility Members
 - Presides over meetings
- Vice Chair: Appointed by Non-Utility Members
 - Assist in meeting organization and meeting minutes
- Collaboration on agenda items, topic setting & group direction

<u>First Name</u>	<u>Last Name</u>	<u>Company/ Affiliation</u>	<u>Classification</u>	<u>Membership</u>
Mike	Porcaro	National Grid	Chair/Utility	Member
Mrinmayee	Kale	Borrego Solar	Vice Chair/Solar	Member
John	Bonazoli	Unitil	Utility	Member
Shakir	Iqbal	Eversource	Utility	Member
Brian	Ritzinger	DPU	Ex Officio	Member
Brian	Lydic	IREC	Cust/Gov	Member
Tony	Morreale	LIG Consultants	CHP	Member
Brett	Jacobson	Eversource	Utility	Alternate
Gerhard	Walker	Eversource	Utility	Alternate
Emily	Slack	National Grid	Utility	Alternate
Mike	Brigandi	Borrego Solar	Industry	Alternate
Jeremy	Kites	Unitil	Utility	Alternate
Paul	Krell	Unitil	Utility	Alternate

TSRG Snapshot

- **SubGroups**

- *IEEE 1547: On Hold pending study on grid support functions*
- *Energy Storage: Moving all ESS discussions to ESIRG*
- *System Impact Study: Next meeting 12/12/23, focus on study detail and reporting*
- *Flex Connections: Kickoff 12/11/23*

- **By-Laws**

- *Posted to TSRG website [HERE](#) with track-changes from presentation at Sept Quarterly*
- *No comments received; provide comment to Chair & Vice Chair prior to next meeting for final vote to accept*

- **Topics**

- *IIRG developing process for TSRG tie-in on technical issues; process to be reviewed with TSRG by interim meeting and/or via email with members prior to next quarterly*
- *Aging inverter replacement as presented at [September Quarterly](#) meeting*
- *UL1741 SB listing of bi-directional chargers*

- **Other Groups**

[IIRG](#) – Next meeting 1/24/24

[ESIRG](#) – Next meeting 1/8/24