

# TSRG SubGroups

*December 1, 2021*

**The Massachusetts  
Technical Standards  
Review Group**



# Overview

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## **Goal:**

*Assemble reasonably sized groups of subject matter experts on a specific topic to discuss challenges/concerns and to collaboratively identify meaningful solutions.*

## **Cadence:**

*Each group will decide appropriate cadence based on tasks and subject matter. Generally expecting monthly meetings at a minimum*

## **TSRG Engagement:**

*Each subgroup will report out on status to the broader group at regularly scheduled quarterly meetings.*

## **Leadership:**

*Each group will have one person taking lead to organize meetings and keep action items on track*

## **Membership:**

*Subject matter experts and guest speakers as needed.*

# ESS Schedules & Ramp Rates

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**Goal:** Establish clear criteria surrounding ESS schedules and ramp rates. Consider customer impacts to site operation, initial interconnection costs, and long term revenue impacts. Consider technical impacts to the safety, reliability, and long term system operation/maintenance.

## Membership

Affiliation	First Name	Last Name
<b>EDC</b>		
Eversource	Gerhard	Walker
	Shakir	Iqbal
National Grid	Doug	Ayer
	Emily	Slack
Unitil	Jason	Ulrich
	John	Bonazoli
<b>Industry</b>		
Blue Wave Solar	Kavita	Ravi
Borrego Solar	Mrinmayee	Kale
ZPE Energy	Greg	Hunt
Kearsarge	Amit	Barnir
Ameresco	Matt	Parlon
<b>State</b>		
DOER	Gerry	Bingham

Next Scheduled Meeting  
**December 7, 2021**

# Dynamic Modeling

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***Goal:*** Work with inverter manufacturers & commercially available modeling software developers to create inverter models and overall system modeling techniques to enable accurate/efficient assessment of DG impacts.

## Membership

Affiliation	First Name	Last Name
<b>EDC</b>		
Eversource	Jay	Fundling
	Jeannie	Amber
National Grid	Anas	Alrifai
	Ruvini	Kankanamalage
Unitil	John	Bonazoli
	Paul	Krell
<b>Industry</b>		
Blue Wave Solar	Kavita	Ravi
Borrego Solar	Mrinmayee	Kale
Nexamp	Michael	Wall
NREL	Michael	Coddington
<b>State</b>		
DOER	Gerry	Bingham

Next Scheduled Meeting

**December 13, 2021**

# Area Networks

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***Goal:*** Identify system challenges for DG interconnections to area networks, different from radial systems. Explore opportunities for alternative analyses and possibilities for increasing connection capabilities.

## Membership

Affiliation	First Name	Last Name
<b>EDC</b>		
Eversource	Keith	Jones
	Shakir	Iqbal
National Grid	Dan	Mungovan
	Mike	Porcaro
Unitil	Jeremy	Kites
	John	Bonazoli
<b>Industry</b>		
Avid Solar LLC	Russ	Aney
<b>State</b>		
DOER	Gerry	Bingham

Next Scheduled Meeting

**December 14, 2021**

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**Questions?**