

## Massachusetts Technical Standards Review Group (MTSRG)

Chair: Babak Enayati, National Grid  
Vice-Chair: Michael Conway, Borrego Solar Systems  
MTSRG Regular Meeting  
Date: April 1, 2015  
Time: 9AM-3:40PM  
Location: National Grid Headquarters  
**Room: ResWoods - P(25) W3.816 - LONG ISLAND**  
40 Sylvan Rd.  
Waltham, MA 02451

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### Agenda

- 1) **The meeting kick off by Babak and introduction 10 mins**
- 2) **Status updates on National Grid's Solar Phase II program 9:10 AM-9:40 AM**
- 3) **Distribution feeder DG capacity discussion (saturation point)  
and providing impact studies to the DG project applicant 9:40AM-10:40AM**
- 4) **Break 10:40AM-11AM**
- 5) **Substation transformer backfeed. 11AM-11:30AM**  
Further discussions with NSTAR regarding substation transformer backfeed.
- 6) **ISO OP-14 applicability to projects over 5-MW 11:30AM-12PM**

Text provided by Reid Sprite for further elaboration: As of May 2014, ISO-NE revised its Operating Procedure 14: *Technical Requirements for Generators, Demand Resources, Asset Related Demands and Alternative Technology Regulation Resources* (OP-14). The revised procedure mandates that any generation interconnected below 115 kV and is 5 MW or greater must register as a Generator (as defined in OP-14). This designation, which has historically applied to large, merchant plants on the wholesale market, creates a significant hurdle for large-scale DG projects in terms of operational requirements. Additionally, OP-14 creates a conflict with Massachusetts' net metering policy with respect to the settling of net metering credits in the ISO energy market; OP-14 requires that a Lead Market Participant register the asset as a generator, but in the case of net metering, the Lead MP is the local distribution company. At this point, both NU and National Grid have indicated that they will not be the Lead MP and not be responsible for registering the generation asset. Therefore, a net-metered generator cannot be registered and is in violation of OP-14.

**7) Lunch 12PM-1PM**

**8) Wrap up the ride through discussions with ISO-NE 1PM-2PM**

**9) Question for National Grid on the possibility of revising the technical requirements thresholds to match with the DER manufacturer nameplate ratings. 2PM-2:15PM**

For example require redundant relaying for  $DG > 500kW$  instead of  $DG \geq 500kW$ . Or, require RTU for  $DG > 1MW$  non-IPP instead of  $DG \geq 1MW$  non-IPP.

**10) IEEE 1547 revision status update 2:15PM-2:30PM**

**11) Flicker limits on the distribution feeders 2:30PM-3PM**

- Each utility representative will be asked to talk about the flicker limits on the distribution circuits.
- Questions from the non-utility members.
- Non- members' comments.

**12) Supplemental Review Voltage/PQ and Safety/Reliability Screens 3PM-4PM**

- Babak will present the minutes of the Sep 17, 2014 meeting on this topic.
- The team will continue the discussions.
- Input from other States?

**13) Status update on the utility specific interconnection standard 4PM-4:15PM**