

SGWG #5 Workshop Participant's Guide

Meeting Details:

- The 5th SGWG Meeting will be structured in a similar format to that of the 4th SGWG Meeting in that it will include a series of interactive exercises during which you will be requested to write down and post comments about the topic or question posed
- As per the Agenda, Meeting #5 will be broken into three workshop sessions. The 1st session is centered on understanding and discussing the lessons learned from the smart meter initiative. OEB staff believe that the industry can better determine an appropriate approach to implementing smart grid by reflecting on the things that worked well and the things that could have been improved upon during the smart meter rollout. As such, OEB staff would like to know what you think are the 3 key lessons learned from the smart meter rollout. When thinking about your comments, please consider the context of forward compatibility.
- The 2nd session will be focused on electric vehicles (EVs.). While EVs have the potential to significantly affect the environment in a positive manner, they also pose a considerable threat to the reliable operation of the electrical grid. To this end, OEB staff would like to know what you think are the key issues (up to 4) that the OEB will need to consider when facilitating the implementation of EVs in the grid. When thinking about your comments, you may want to consider the following questions:
 - Do you think an “optimal” business model exists with respect to EVs (e.g. paying for infrastructure to support them, their use as a storage mechanism, etc.). If so, why?
 - Are there any issues around an EV owner living in one jurisdiction but charging their car in another that should be addressed?
 - If you represent a utility that is planning to support EVs, do you have any issues or concerns that you think should be addressed through OEB regulation?
 - If the implementation of EVs in a jurisdiction leads to power availability or equipment reliability problems in another jurisdiction or upstream/downstream (e.g. outside of the business that caused the problem), who should bear the responsibility (cost, time) for repairs and unsatisfied customers?
 - How should EVs be implemented to avoid the sorts of cross-jurisdictional problems described in the previous question?
- The 3rd session focuses on the 4 Adaptive Infrastructure Smart Grid Objectives: flexibility, forward compatibility, encouraging innovation, and maintaining a pulse on innovation. OEB staff would like you to suggest up to 2 ways (total) in which you think these objectives should be achieved, and 2 ways (total) in which these objectives should not be achieved. In contrast to the last meeting, focus your suggestions on how these objectives can practically be achieved, rather than on the guidance the OEB should provide.
- The OEB will assume that you have thought about the comments you will suggest for all three sessions prior to the meeting

Workshop Agenda (Session 1 – Smart Meter Initiative Lessons Learned):

- 0-10 min:** On the post-it notes provided, record the top 3 lessons learned from the smart meter initiative that you think should be considered when implementing smart grid. Post your post-it notes to the whiteboards located at the front of the room.
- Please ensure your post-it notes correspond to your organization's classification: yellow – utilities; pink – agencies; green – technology vendors; orange – consumer groups.
- 10-40 min:** Russ Houldin will discuss the comments posted on the whiteboards, highlighting key observations. Another OEB staff member will be recording and displaying Russ' observations on a laptop to display on the overhead projector.
- 40-90 min:** The SGWG will be asked if they agree or disagree with the key observations recorded by OEB staff. SGWG members will have the opportunity discuss their opinions on these observations with other SGWG members and OEB staff.