



Ontario Energy Board

Commission de l'énergie de l'Ontario

Smart Grid Working Group Meeting 1

March 1, 2011

Agenda

9:30 – 9:45	Welcome and introductions	Board Staff
9:45 – 10:00	Logistics	Board Staff
10:00 – 10:10	Review of meeting agenda	Board staff
10:10 – 10:45	Purpose of the Smart Grid Working Group	Board Staff
10:45 – 11:00	BREAK	
11:00 – 12:15	Roundtable	All
12:15 – 1:00	LUNCH	
1:00 – 2:30	Review and discussion of staff Issues Paper questions	All
2:30 – 2:45	BREAK	
2:45 – 4:00	Continued discussion of staff Issues Paper questions	All
4:00-4:15	Identify topics for subsequent meetings	
4:15 – 4:45	Review of day and overview of next meeting	Board staff



The Board's Role

- GEGEA established new objective for the Board “to facilitate the implementation of the smart grid in Ontario”
- Minister’s Directive established specific policy objectives of smart grid
- Board is required to provide guidance to licensed distributors and transmitters and other regulated entities whose fees and expenditures are reviewed by the Board
- For distributors and transmitters, specifically, Board must provide guidance on the preparation of Smart Grid Plans and the criteria that the Board will use to evaluate them
- In addition the Board is directed to undertake a consultation on the development of a regional or otherwise co-ordinated approach

Role of the SGWG

- To provide **technical advice** to Board staff in order to assist staff in developing guidance to industry with respect to smart grid implementation
- This advice is to assist staff in preparing a staff discussion paper that will be used in a subsequent broader consultation
- After this broad consultation staff will draft a report to the Board for its consideration
- The Board may then issue guidance documents

- What does the industry need to know about smart grid planning?

- What is not smart grid? What is the difference between smart grid investments and “good utility practice” in electricity distribution system investments?

- How should the Board address privacy and cyber-security in the context of the smart grid?

- What are the best ways for increased customer control to support smart grid objectives?

- What type of smart grid investments ensure that systems are flexible to be able to respond to future developments?

- What level of detail should distributors be required to provide in support of an economic case for their proposals?

- Is the following an appropriate list of benefits of the smart grid? Are there other benefits?
 - *Increased Efficiency of Power Delivery*
 - *Reduced Operations and Maintenance Costs*
 - *Improved System Security*
 - *Integration of Renewable Energy and Distributed Resources*
 - *Enhanced Business Consumer Service*

- What is the demarcation point for the development of smart grid by distributors and transmitters? How should the guidance deal with “behind the meter” solutions?

- What roles should Ontario utilities and the Board play, respectively, in relation to international efforts to establish smart grid standards?

- Are important issues omitted?
- Are unimportant issues identified?
- Are the questions focused too narrowly?
- Are there other questions that should be posed?

Next Steps. . .

- March 15 – policy objectives
- March 29 – customer control
- April 12 – power system flexibility
- April 27 – adaptive infrastructure
- May 10 – carryovers and finalization of advice of the SGWG

Next Meeting – March 15

- Focus on the Directive's Policy Objectives
 - Special emphasis on (iii) co-ordination
- A complete agenda will be provided in advance
- Soliciting ideas and volunteers to present on specific topics (?)
 - Contact Board staff

