

Meeting Notes

Framework for Energy Innovation: Distributed Resources and Utility Incentives (EB-2021-0118)

Working Group Meeting #2

Meeting Date: July 9, 2021 Time: 10:00 a.m. - 3:30 p.m.
Location: Virtual (MS Teams)

Attendees

FEIWG Members	Affiliation
Indy Butany-DeSouza	Alectra Utilities
Ian Mondrow	AMPCO and IGUA
Dr. Don Richardson	Anwaatin
Marc Brouillette	Canadian Manufact. & Exporters and Ontario Chamber of Commerce
Cara Clairman	ChargePoint
Julie Girvan	Consumers Council of Canada
Allen M. Freifeld	Demand Power Group
Kathi Farmer	EDA
Falguni Shah	Elexicon Energy
Cara-Lynne Wade	Enbridge
Sarah Griffiths	Enel
Geoff Osborne	Energy Storage Canada
Kent Elson	Environmental Defence
Nimal Weeratunga	ENWIN
Darren McCrank	EPCOR
Brennan Louw	IESO
Michael Brophy	Pollution Probe
Adam White	Powerconsumer
Jay Shepherd	Schools Energy Coalition
Andrew Sasso	Toronto Hydro
Chris Codd	Versorium Energy

Observers	Affiliation
Tom Ladanyi	Energy Probe
Phillip Chisulo	IESO
Adam Hariri	LEI
Utilia Amaral	Market Step
Mark Thompson	MENDM
Dervla Murphy	MENDM
Roy Hrab	Ontario Energy Association
Travis Lusney	Power Advisory
Sarah Simmons	Power Advisory
Alex Simakov	Sussex Strategy
Jake Berlin	ICF
Surhud Vaidya	ICF

OEB Staff	Role
Ceirán Bishop	FEI Director Director, Strategic Policy
Gona Jaff	FEI Lead Policy Advisor, Strategic Policy
Lenore Robson	FEI Lead Policy Advisor, Strategic Policy
Tara Brautigam	FEI Team Senior Advisor, Public Affairs
Maia Chase	FEI Team Policy Advisor, Strategic Policy
Laura Farid	FEI Team Summer Student, Executive Office
Ryan Holder	Manager, Industry Policy & Compliance
Chris Cincar	Regional Planning Process Review Lead Senior Advisor, Industry Policy & Compliance
Catherine Eithier	DER Connections Review Lead Policy Advisor, Industry Policy & Compliance

Regrets

FEIWG Member	Affiliation
Spencer Gill	Hydro One

Purpose

These notes summarize the information discussed during the working group meeting on each of the key points presented in the published materials.

Meeting Agenda

1. Opening comments and review of Meeting #1 Notes

- The meeting began with Ian Mondrow chairing the meeting and requesting any comments on the meeting #1 notes
- There were no comments on the meeting notes therefore they are accepted and will be posted on the FEI consultation webpage along with the other materials

2. Discussion of Working Group Protocols

Discussion Comments	Discussion Outcome	Action Items
Sarah Griffiths outlined the virtual meeting protocols and meeting preparation. Members asked whether a copy of the document would be shared with FEIWG members.	It was clarified that a copy of the working group protocols would be provided to the working group members.	OEB staff to send out the protocols with other materials.
There was discussion on the use of MS Teams or Zoom for future meetings.	It was noted by OEB staff that OEB IT deems MS Teams to be more secure but a decision on the use of MS Team or Zoom would be determined based on working group input.	OEB staff to poll FEIWG members for a preference of MS Teams or Zoom.
There was discussion about communication between the working group members and ways to share information pre- and post-meeting.	FEIWG members should continue using email to communicate until a platform decision has been made.	OEB staff and co-leads to explore viable platforms. SLACK was suggested and will be investigated.

3. Presentation and discussion of the preliminary near-term work plan

Discussion Comments	Discussion Outcome	Action Items
Andrew Sasso presented a draft near-term work plan outlining tasks to be undertaken by the FEIWG members for meetings #2 to #5.	FEIWG members generally agreed with the draft near-term work plan.	N/A
There was discussion about assessment of system benefits/impacts and whether the FEIWG should focus on the distribution system or whether the focus should be broadened to consider overall system benefit/impacts (i.e. beyond the distribution system).	<p>FEIWG members' views varied on DER cost benefit methodology. Some of are the view that the focus should be on the system benefits/impacts, while others believe the total system benefits/impacts should be considered.</p> <p>OEB staff emphasized:</p> <ul style="list-style-type: none"> • The near-term focus of the FEIWG is on the benefits of DERs to the distribution system, as set out in the ToR <ul style="list-style-type: none"> ○ The OEB has authority to determine value at the 	N/A

	<p>distribution system level</p> <ul style="list-style-type: none"> ○ It is also important to simplify and narrow the scope to make incremental progress 	
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4. Presentation: Electricity Grid

Discussion Comments	Discussion Outcome	Action Items
Nimal Weeratunga of ENWIN Utilities presented an overview of the electricity grid, distribution transformation station and distribution feeder and critical equipment. A copy of the slides from this presentation is included in the meeting materials posted on the FEI consultation webpage.	N/A	N/A

5. Presentation: Gas Grid

Discussion Comments	Discussion Outcome	Action Items
Darren McCrank of EPCOR and Cara-Lynn Wade of Enbridge presented an overview of the natural gas distribution system and gas distribution and storage. A copy of the slides from this presentation is included in the meeting materials posted on the FEI consultation webpage.	N/A	Darren's slides are to be provided to the FEIWG members.

6. Presentation: Behind the Meter Technologies

Discussion Comments	Discussion Outcome	Action Items
Allen Freifeld of Demand Power Group presented an overview of DER programs for utilities which included the program rules, notice of event, performance, metering and telemetry, performance verification and curtailment protocol. A copy of the slides from this presentation is included in the meeting	N/A	N/A

materials posted on the FEI consultation webpage.		
There was discussion on variable load (displacing DER generated electricity behind the meter) and the implications on distribution systems and/or distributors.	FEIWG members are to provide an answer on risks and any identified risks can be discussed further during DER examples and usage case discussions.	FEIWG members (especially utility representatives) are to provide an answer on load displacement behind-the-meter risks, and report back to the FEIWG.

7. Presentation: EVs

Discussion Comments	Discussion Outcome	Action Items
Cara Clairman of ChargePoint presented an overview of EVs, including the benefits, information on chargers and charging stations and the value to the electricity system. A copy of the slides from this presentation is included in the meeting materials posted on the FEI consultation webpage.	N/A	N/A

8. Update: DER Connections Review

Discussion Comments	Discussion Outcome	Action Items
OEB staff, Ryan Holder, provided an update on the DER Connections Review outlining the process of the working group and next steps. A copy of the slides from this presentation is included in the meeting materials posted on the FEI consultation webpage.	N/A	N/A

9. Update RPPAG – System Planning – Rescheduled to the next meeting

10. Closing Remarks

Discussion Comments	Discussion Outcome	Action Items
Andrew Sasso outlined the plan for the next meeting which includes presentations by FEIWG members on DER projects.	Presentations by FEIWG members on DER projects, about 5-6 slides, providing details about the project, who is involved and the benefits (distribution system and broader system benefits).	FEIWG members are to send an email to FEI expressing their interest to present on a topic. The email should include the location, technology and who is involved.
OEB staff discussed whether members wanted to have meeting #4 in August.	There was general consensus by members to have a meeting in August.	OEB staff to conduct a poll to determine the date.

List of Action Items

Action Item	Assignment/Owner	Due Date
OEB staff to send out the protocols with other materials.	OEB staff	Before Meeting #3
OEB staff to poll FEIWG members for a preference of MS Teams or Zoom.	OEB staff	Before Meeting #3
Darren McCrank's slides to be circulated to the FEIWG members.	OEB staff	As soon as possible
FEIWG members (especially utility representatives) are to provide an answer on load displacement behind the meter risks, and report back to the FEIWG.	FEIWG members	As soon as possible
FEIWG members to send an email to FEI expressing their interest to present on a topic.	FEIWG members	As soon as possible
OEB staff to conduct a poll to determine the date for meeting #4.	OEB staff	As soon as possible