

Energy Transformation Network of Ontario (ETNO)

Meeting Support Presentation
(various agenda items)

Tuesday, May 15, 2018

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1. **DECISION::** Additional amendments to the ETNO Terms of Reference and approval of a new Vice-Chair position for ETNO
 2. *External Contacts Log*
 3. Minutes of the April 16th, 2018 ETNO meeting
 4. *External Contacts Log*
 5. Guest Speaker: **Teresa Sarkesian**, President and CEO, Electricity Distributors Association
 6. ETNO Work plan item - Stakeholder dialogue and data gathering for an ETNO customer roadmap in a high DER future.
 7. Update from the Corporate Partners Committee
 8. Upcoming Smart Grid Events
 9. Literature review and lunch
- {Adjournment by 13:00 }*

Agenda Item # 1 – Decision – Terms of Reference

- Additional changes, incremental to those approved on April 16th:
 - a. Removal of reference to the ETNO Chair being a two-year term and recognizing it as the ex officio prerogative of the IESO CEO.
 - b. Establishment of an ETNO Vice Chair position to assist the Chair and preside over meetings in the Chair's absence.

Agenda Item # 2: Minutes

- **DRAFT April 16th, 2018** minutes circulated for review.
- Recommended comment deadline:
Tuesday, May 22nd, 2018

MINUTES POLICY:

At the Feb. 28th 2013 meeting, the Forum adopted a policy whereby any draft minutes will be **PUBLISHED** after the stipulated comment deadline if no material comments are received.

Agenda Item # 3 External Contacts Log

External Contacts Log, version 1.3

No substantive changes from version 1.2

Agenda Item # 4 – Guest Speaker

Guest Speaker:

**Teresa Sarkesian, President and CEO,
Electricity Distributors Association**

Joint presentation with:

Ray Tracey, CEO, Essex Power (ETNO member)

Agenda Item # 5 - Data Gathering at June 11th Stakeholder Summit

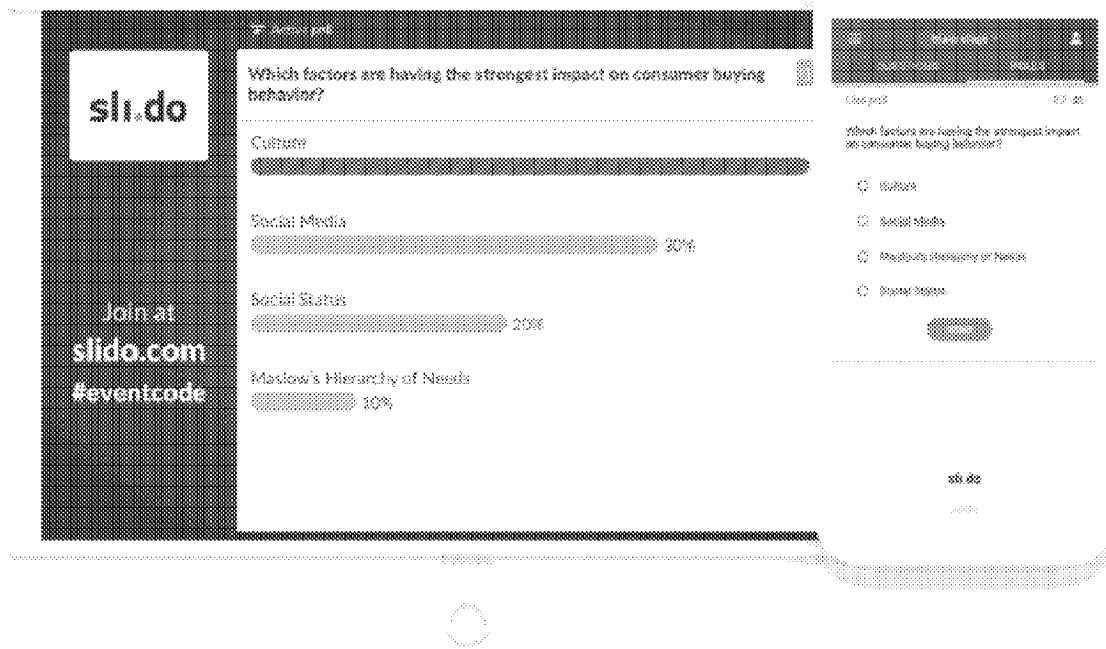


- The June 11th gathering will include a wide cross-section of representatives from Ontario's industry
- affords a unique data gathering opportunity for the various ETNO work streams

Recall: Survey design and objectives

- Simple and easy to administer
- Interactive and relevant to the agenda of the Stakeholder Summit
- Builds opportunity for future engagement between ETNO and a wide range of stakeholders.

Sli.do polling system



- Interactive polling of audience via smart phones
- Approximately 4 questions per panel

Target panels for June 11th Summit

- **Panel: Transforming the Energy Network**
 - *“The Energy Transformation Network of Ontario represents a collective of views and parties committed to the innovation of Ontario’s electricity system. This panel of its representatives will look at the emerging issues that electricity systems will need to manage.”*
- **Panel: Responding to Consumer Drivers**
 - *“Consumers want to be engaged in how they use electricity; they want to know where it comes from and how much it costs. The panel will explore this and what role innovation can play..”*

Today's objective:

Prioritize the most important 3-4 question to be posed to each of the panels.

Panel: Transforming the Energy Network

- Potential polling questions

- Utilities should directly compete with third party providers of new value-added services:
 - A. Never
 - B. Always
 - C. Only where such competition is regulated and fair
 - D. Only in market segments that are under-served by third parties
 - E. Only where additional value is created for the consumer

Panel: Transforming the Energy Network

- Potential polling questions (cont'd)

Please rate your agreement with the following statements on scale of 0 (strongly disagree) to 10 (strongly agree):

- Utilities should or provide new platforms and procurement mechanisms to enable third-party services.
- When a regulated utility incurs costs to offer new value-added services, all customers should pay, regardless if they participate in these offerings.

Panel: Transforming the Energy Network

- Potential polling questions (cont'd)

Please rate your agreement with the following statements on scale of 0 (strongly disagree) to 10 (strongly agree):

- Enough is being done to prepare Ontario's electricity system for large-scale DER deployment.
- Today's electricity industry framework already appropriately values DER services in order to harness their potential benefits.

Panel: Transforming the Energy Network

- Potential polling questions (cont'd)

Please rate your agreement with each of the following statements on scale of 0 (strongly disagree) to 10 (strongly agree):

- LDCs should be principal **buyers** of DER-related services provided to the distribution system.
- LDCs should be principal **sellers** of DER-related services provided to the distribution system.
- LDCs should become independent distribution system operators with no financial stake in DER-related services.
- LDCs should continue to be network operators and participate in a distribution-level DER market with a properly regulated separation of functions.

Panel: Responding to Consumer Drivers

Potential polling questions

- What are the likely best mechanisms for harnessing DER-related benefits to the electricity system stemming from consumer investment?
 - A. Regulated DER rates
 - B. LDC-organized procurement mechanisms
 - C. Distribution-level market platforms
 - D. Microgrids and community-level energy solutions
 - E. Peer-to-Peer energy trading
 - F. Aggregated participation in wholesale markets

Panel: Responding to Consumer Drivers

Potential polling questions

Please rate your agreement with each of the following statements on scale of 0 (strongly disagree) to 10 (strongly agree):

- DER policy should attempt to ALTER customer DER investment patterns.
- DER policy should attempt to FOLLOW customer DER investment patterns.

Panel: Responding to Consumer Drivers

Potential polling questions

Please rate your agreement with each of the following statements on scale of 0 (strongly disagree) to 10 (strongly agree):

- When a regulated utility provides value added services beyond basic electricity service regulators should attribute and charge the costs of value-added services to those who want and use them.
- To ensure consumer protection regulators must have oversight over third-party DER service providers to ensure that they comply with applicable regulations, reliability standards, data privacy and cyber-security.

Agenda Item # 6

Report from the Corporate Partners Committee

Agenda Item # 7: Upcoming Smart Grid Events



May 15-17	Ontario Advanced Research Computing Congress (Toronto, MaRS Advanced Energy Centre)
June 4-5	U.S. Energy Information Administration Annual Conference Washington DC.
June 11	IESO Stakeholder Summit
June 12-13	AI Toronto 2018 Metro Toronto Convention Centre
June 19-21	NESTNet Technical Conference and AGM + Industry Technical Conference (Ryerson CUE)
September 10 - 12, 2018	Smart Grid Canada conference Montreal
September 18, 2018	Energy Transformation Network of Ontario (ETNO) In-person meeting, IESO Adelaide offices

Agenda Item # 8

{at the lunch break}

Literature Review

see supplemental slide deck entitled:

<< ETNO May 15 2018 - LITERATURE REVIEW.pdf >>