

Demand Response Working Group – Stakeholder Engagement Session

September 11, 2018

Minutes of Meeting

Dates held: September 11, 2018	Time held: 9:30am to 11:30am	Location: Crowne Plaza, Toronto International Airport
Company	Name	Attendance Status (A) Attended; (WebEx) Attended via WebEx
360 Energy	Williams, James	WebEx
AMP Energy	Luukkonen, Paul	A
Centrica Business Solutions	Clicker, Owen	WebEx
Cpower Energy Management	Hourihan, Mike	A
Customized Energy Solutions	Withrow, David	A
Ecobee	Houle, Jonathan	WebEx
Energy Hub	Im, Brian	WebEx
EnerNOC, Inc.	Chibani, Yanis	WebEx
EnerNOC, Inc.	Griffiths, Sarah	WebEx
Great Circle Solar Management Corp	Wharton, Karen	WebEx
Hamilton Utilities Corporation	Crown, Mike	WebEx
Honeywell	Robertson, Jack	A
Hydro One	Katsuras, George	WebEx
Ministry of Energy	Tomlinson, Patrick	WebEx
NRG Curtailment Solutions	Popova, Julia	WebEx
NRG Curtailment Solutions	Shelly, Christopher	A
OhmConnect	Kooiman, Brian	WebEx
Power Advisory	Simmons, Sarah	WebEx
Powerful Solutions	Inman, Peter	A
Resolute Forest Products	Degelman, Cara	WebEx
Rodan Energy Solutions	Goddard, Rick	A
Rodan Energy Solutions	Quassem, Farhad	A
Southcott Ventures	Lampe, Aaron	A
Stem/Nest Labs	Amaral, Utilia	WebEx
Stem	Einterz, Zach	WebEx
Tantalus	Huntley, Richard	WebEx

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Company	Name	Attendance Status
Voltus, Inc.	Grav, Jorgen	A
Toronto Hydro-Electric Services	Marzoughi, Rei	WebEx
IESO	Desai, Shilpan	A
IESO	Jabbar, Adnan	A
IESO	King, Ryan	A
IESO	Nusbaum, Stephen	A
IESO	Rashid, Farhad	A
IESO	Singh, Diljeet	A
IESO	Tschirhart, Adam	A
IESO	Versteeg, Peter	A
IESO	Young, Jennifer	A
Prepared by Peter Versteeg, please report any corrections, additions or deletions by e-mail to engagement@ieso.ca		

All meeting materials are available on the IESO web site at: <http://www.ieso.ca/Sector-Participants/Engagement-Initiatives/Working-Groups/Demand-Response-Working-Group>.

Introduction – Jennifer Young and Stephen Nusbaum, IESO

The IESO welcomed participants, presented the day’s agenda and objectives, and introduced the first session’s presenter – Adam Tschirhart.

Demand Response Operational Updates – Adam Tschirhart, IESO

The IESO led stakeholders through a discussion on actions introduced to mitigate erroneous hourly demand response (HDR) dispatches and HDR test notification failures.

A participant asked how quickly the IESO will release an advisory notice if an erroneous dispatch is issued.

The IESO responded that an advisory notice will be issued as soon as practical for the control room. A notice will typically be released within an hour but it could take longer if the control room is dealing with a situation in real-time.

A participant noted that the proposal to change the activation notification timeline from “approximately 2.5 hours before the start of the dispatch hour” to “at least 2 hours prior to the

start of the dispatch hour” was problematic. Current processes and contracts with contributors use a 2.5 hour timeline based on wording in the IESO’s Market Manual. The participant recommended continuing to publish the activation report at least 2.5 hours in advance of activation.

The IESO responded that it would take this feedback into consideration for the proposal.

A participant supported the proposal to make the activation notification timeline firm and asked when this change along with updates to the Market Manual would be implemented.

The IESO replied that it does not yet have a timeline for this change, though it will provide an update to stakeholders at the next DRWG engagement session.

A participant asked if the control room communication channel could be expanded to include business hours.

The IESO responded that currently it does not see the need to change the Demand Response Market Participants (DRMPs) contact during business hours from IESO customer relations to the control room.

Demand Response Metering and Testing Updates – Farhad Rashid, IESO

The IESO led stakeholders through a review of demand response contributor management, measurement data submission, and audit processes.

A stakeholder asked when the timeline for IESO’s review could be shared and when stakeholders can expect to see the results of this review.

The IESO committed to report back on this item at the next DRWG session.

A participant asked if the IESO is considering changing its policy to audit DRMPs for the period beyond the last two years.

IESO replied that no such change is currently being considered.

Improved Utilization of HDR & Market Rules Updates – Ryan King, IESO

The IESO led stakeholders through a discussion on the status of proposed demand response utilization improvements including a price trigger to put HDR on standby and reduce the DR standby activation requirement from “4 hours” to “up to 4 hours”.

Multiple participants recommended reducing the testing requirements from 4 hours in light of enhancements being introduced for HDR standby/activation.

The IESO responded that at this time it is not considering any changes to HDR testing requirements though it may revisit this once DR enhancements are in place.

2018 Demand Response Auction Parameters – Shilpan Desai, IESO

The IESO led stakeholders through a discussion of 2018 demand response auction parameters including target capacity, reference & maximum clearing price, and zonal limits.

A participant asked if the IESO had accounted for the annual 7% increase in target capacity mentioned in the Market Rules.

The IESO replied that the 7% increase was based on a government directive that no longer applies.

A participant asked if the IESO can share any insight on Ontario's long-term DR capacity target.

The IESO replied that the ICA and planning teams are working to establish Ontario's long-term adequacy requirements. In the long-term, the IESO expects DR capacity to compete with other technologies to meet this need cost-effectively through the ICA.

A participant asked for clarification on IESO's total and virtual zonal limits.

The IESO replied that the total zonal limit represents capacity that can be accommodated in a zone based on transmission availability, whereas the virtual limit is based on reliability studies and modelling assumptions. Virtual resources in a zone are aggregated to a single point for modelling purposes, and allowing too much disaggregated consumption to be modeled on a single point can introduce dispatch errors and reliability concerns in managing power flows.

Conclusion and wrap up – Jennifer Young, IESO

The IESO thanked all participants and that the IESO welcomes feedback from all stakeholders. Feedback should be sent to engagement@ieso.ca.

Action Item Summary

Responsible Party	Action Item
IESO	Provide an update on proposed changes to the activation notification timeline at the next DRWG session.
IESO	Provide an update on the review of demand response contributor management, measurement data submission, and audit processes at the next DRWG session.

Meeting adjourned at 10:40 pm.