

Demand Response Working Group (DRWG) Meeting Notes

Date held: January 31, 2017	Time held: 10:00 am – 12:00 pm	Location held: Crowne Plaza Toronto Airport
Company Name	Attendee	Attendance Status (A)ttended; (R) Registered; (S)ubstitute; (TC) Teleconference; (P) Presenter
AMP Solar Group	Luukkonen, Paul	A
City of Toronto	Cheng, Jessie	A
City of Toronto	Koff, Chaim	A
City of Toronto	Miller, Rae-Anne	R
Customized Energy Solutions	Tinkler, Mark	R
Customized Energy Solutions	Pisarcik, Dave	TC
Energy Curtailment Specialists	Moore, Michael	TC
Energy Curtailment Specialists	Pani, Swati	TC
Energy Hub	Diamond, Erika	A
Energy Hub	Kier, Laura	TC
EnerNOC, Inc.	Griffiths, Sarah	A
EnerNOC, Inc.	Barnes, Matt	TC
Gerdau Long Steel NA	Forsyth, Dave	TC
Good Company Associates	King, Robert	TC
Great Circle Solar Management	Gorman, Mitch	A
Hamilton Utilities Corporation	Crown, Mike	R
Hydro One	Malozewski, Mernaz	TC
Hydro One	Candea, Charlotte	TC
Nest Labs	Amaral, Utilia	A
Nest Labs	Calin, Iuliana	A
NRG Curtailment Solutions	Pieniasek, Marie	TC
NRG Matters Corp	DiRuscio, Carmine	A
OhmConnect	Kooiman, Brian	TC
Opower	Lopez, Alex	TC
PowerStream Inc.	Carr, Daniel	R
Resolute Forest Products	Degelman, Cara	TC
Rodan Energy Solutions	Goddard, Rick	A
Rodan Energy Solutions	Quassem, Farhad	A
Rodan Energy Solutions	Grod, Adrian	A
Rodan Energy Solutions	Ingram, Rachel	R
Rodan Energy Solutions	Dudka, Marko	R
Saint-Gobain Canada Inc.	Ciccarelli, Chris	TC
SL Goldberg Consulting	Goldberg, Sam	TC
Voltalis	Cassoudebat, Olivier	TC
IESO	Chapman, Tom	A

February 7, 2017
Public

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Company Name	Attendee	Attendance Status (A)ttended; (R) Registered; (S)ubstitute; (TC) Teleconference; (P) Presenter
IESO	Drake, Gordon	P
IESO	Grbavac, Jason	P
IESO	Kamstra, Pat	P
IESO	Kwok, Jason	P
IESO	Savage, Jessica	A
IESO	Widjaja, Isen	A
Meeting Chair: Gordon Drake, Supervisor, Market Development, IESO Facilitator: Jason Grbavac, Market Relations, IESO		
Please report any corrections, additions or deletions to: engagement@ieso.ca		

All meeting materials including DRWG member presentations are available on the IESO website at:
<http://www.ieso.ca/Pages/Participate/Stakeholder-Engagement/Working-Groups/Demand-Response-Working-Group.aspx>

Gordon Drake introduced the elements on the meeting agenda and specified the objectives for the meeting, which was to ensure all stakeholder priority items are documented accurately and work with DRWG members to finalize the evaluation criteria used on each priority item to determine the 2017 DR workplan.

Item 1

Pat Kamstra provided an update on the introduction of residential contributors to an HDR resource, identifying recommended timelines for resource registration and contributor management prior to the summer commitment period.

Member Questions and Comments, with the IESO's response in italics:

No comments were provided.

Item 2

Jason Kwok provided an update on capacity obligation transfers. Capacity obligation transfers became effective on January 11, 2017, allowing a DRAP to transfer their demand response capacity obligation to a qualified DRAP. The capacity obligation transfer process is outlined in Market Manual 12: [Section 9](#).

Member Questions and Comments, with the IESO's response in italics:

A member asked if it was necessary for a transferee to have offered into the DR Auction in order to receive a capacity obligation from a transferor.

The IESO replied that the transferee is required to have qualified capacity, including posting the DR auction deposit, for the same zone/type/commitment period but does not need to have offered capacity into the auction.

Item 3

Jason Kwok presented a summary of DRWG member priorities to be considered for the 2017 work plan. This presentation was used to ensure stakeholder priorities were properly documented and understood by the IESO. The IESO categorized each priority item by primary decision-making authority: 1. External to the IESO; 2. Broader Market Impacts; and 3. IESO and DRWG.

Member Questions and Comments, with the IESO's response in italics:

With respect to the priority item on improving access to residential measurement data (External to IESO, item 1), a member was unsure if Green Button data may be considered "settlement ready". The member also noted that data available on private networks may not be directly accessible to aggregators but rather may require payment to another service provider to receive data.

With respect to the priority item on the Long-Term Energy Plan's commitment to the DR Auction Capacity growth (External to IESO, item 2), a member asked how the IESO will ensure the DR Auction will meet the target set by the 2013 Long Term Energy Plan i.e. DR to be 10% of peak demand by 2025. The member also asked if Peaksaver resources are counted towards this demand response capacity.

The IESO replied that the Target Capacity would be increased by 7% per year, as previously stated at the September 30 DRWG. The IESO also replied that Peaksaver resources were included in the LTEP's calculation of demand response capacity.

A member asked if the IESO would be looking at the 1 MW minimum aggregation size (Broader Market Impacts, item 1) this year.

The IESO indicated that this is yet to be determined; the IESO is seeking to assess priorities with the DRWG based on all feedback, considering the benefits and costs (impacts on market rules, IESO tools and resources available) before finalizing a work plan.

A member asked why preparation for future Incremental Capacity Auction (ICA) (IESO and DRWG, item 1) is not part of the Broader Market Impacts category.

The IESO responded that the ICA is the end goal of the DR Auction, and the DR Auction must continue to align and evolve with that in mind. Changes to DR processes and procedures have limited market impact and can be managed within the context of the DRWG.

A member asked for clarification regarding virtual limits (IESO and DRWG, item 3).

The IESO responded that virtual resources such as aggregated HDR resources are subject to both the Total DR Zonal Limit and the Virtual DR Zonal Limit, which limits how much DR can be accommodated within a zone. These values are specified in the respective DR Auction Pre-Auction Report

published in the September prior to the auction. More information, including links to reports can be found here: <http://www.ieso.ca/Pages/Participate/Demand-Response-Auction/default.aspx>

The IESO asked for member clarification regarding the stakeholder priority for the IESO to implement automated measurement data submission (IESO and DRWG, item 7).

A member advised the measurement data submission process for virtual resources is a manual process due to the requirement to submit monthly measurement data through OnlineIESO, which requires an employee to manually upload the data. If measurement data was permitted to be submitted via email, as the case with Capacity-Based Demand Response (CBDR), it could allow their organization to automate this process. The member noted that while submitting the measurement data manually is not a barrier to participation, it introduces a human to the data submission process, which is less efficient and could potentially lead to more errors. The member would prefer to use email in order to provide measurement data to the IESO.

On the stakeholder priority item to maintain the day-ahead standby notice (IESO and DRWG, item 11), the IESO clarifies that the current deadline for a standby notice is at 7am of the dispatch day and not in the day-ahead. The IESO will consider the item as maintaining the current 7am standby notice deadline.

A member noted that their suggestion to shorten or eliminate standby notice for HDR resources (IESO and DRWG, item 12) was meant only as a possibility to increase the value of DR resources, for which some acknowledgement or compensation would be considered by the IESO. Further clarification will be provided in written comments.

The IESO asked for member clarification regarding the stakeholder priority to improve the test dispatch structure (IESO and DRWG, item 15).

The member indicated that test dispatches to date for HDR resources have involved only a phone call to advise that a test dispatch would be performed the next day. The member would prefer written notification of a test, specifying the time and quantity of the test dispatch. Ideally, the testing process would utilize the same processes as an actual in-market dispatch, since the test not only verifies resource capability but also the resource's processes to deliver the load reduction. A test dispatch process closer to the process used for actual dispatch should be considered. Another member agreed that prior to any test being called in the future, the IESO needs to communicate the test more effectively.

A member asked if the addition of the in-day adjustment to the historical 15 or 20 baseline has resulted in a more accurate baseline. The member noted that the adjustment added complexity for them and may not provide any benefit. Why not just use the high 15 of 20 without an adjustment?

The IESO indicated that the in-day adjustment was considered a best practice to improve accuracy; however, this item can be added to the list of IESO and DRWG items for consideration in the 2017 work plan.

Item 4

Gordon Drake facilitated a discussion with DRWG members to finalize the evaluation criteria for DR priority items in order to determine the 2017 DR work plan. DRWG members were asked ahead of the meeting to review the IESO's preliminary draft of evaluation criteria and come prepared to provide discuss with the working group.

Member Questions and Comments, with the IESO's response in italics:

A member indicated that one of the goals of DR to provide "broader economic benefits to Ontario businesses" should apply to Ontario residents as well as Ontario businesses.

The IESO agreed and will update the goals to reflect the addition.

A member suggested that the auction platform should provide access to the marketplace in order to maximize participation and expand competition.

The IESO agreed and will update the goals to reflect the addition.

A member stated that a 2 hour meeting is not long enough to provide meaningful discussion on each priority item and in other jurisdictions, such as ERCOT, stakeholder meetings are often scheduled for an entire day.

The IESO responded that the intention for this meeting was to develop the evaluation criteria to assess each priority item to develop the work plan. Future DRWG meetings used to discuss merits of priority items can be longer.

The member also proposed an additional item for consideration - a new peak product for weather-sensitive load.

The IESO will add this item to the stakeholder priority list.

A member agreed that the goals should specifically mention residential DR.

A member asked if ancillary services from DR resources is a priority or is the IESO just focused on energy and capacity for DR?

The IESO responded that if ancillary services are a priority item among the working group then it can be part of the work plan. The DRWG is focused on demand response and is not a DR Auction stakeholder engagement so the scope of the group is broader.

The member added that we must ensure that DR is not put into a silo and that barriers to ancillary service participation are not created.

Several members suggested picking their top 3 priorities for consideration of the DRWG.

A member indicated that several working group members would be meeting with the Ministry of Energy soon to discuss access to residential measurement data.

The member requested a longer meeting duration next time.

This IESO indicated that it would consider the topics to be covered when determining the duration of upcoming meetings.

The IESO asked if the evaluation criteria should include “timeliness”. For example, next steps for the Peaksaver program may need to be addressed sooner than later.

Several members supported the addition of this criterion (urgency - short term needs versus longer term needs - should be considered). Another important consideration is whether the change or process efficiency would benefit all DRMPs and can be implemented relatively easily.

The finalized evaluation criteria incorporating the discussion from the DRWG will be circulated to DRWG members and will be published on the DRWG [webpage](#). Stakeholder feedback on priority items was requested to be submitted by February 15, 2017.

Item 5

Jason Grbavac outlined the proposed 2017 DRWG meeting schedule. The next DRWG meeting is scheduled for March 8.

Member Questions and Comments, with the IESO's response in italics:

No comments were provided.

Wrap-Up and Next Steps

Jason Grbavac thanked all participants and requested that stakeholders submit any questions and feedback by February 15, 2017 to engagement@ieso.ca.