

# TESTING OF HOURLY DEMAND RESPONSE RESOURCES

Demand Response Working Group

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November 16, 2017

# Agenda

- Why do we test DR Auction Resources?
- Rules around testing
- Current testing procedure
- Post-testing IESO process
- Q&A

# Why do we test DR Auction Resources?

- Test activations for hourly demand response (HDR) resources are scheduled in the real-time market by the IESO in order to verify the ability of demand response market participants to deliver their demand response capacity obligation

# Rules Around Testing

- The IESO may direct demand response resources to perform up to two activation tests per commitment period
- Tests will only be scheduled during the availability window
- Multiple demand response resources can be scheduled for a test activation on the same dispatch day
  - Typically up to three hourly demand response resources per demand response market participant will be scheduled per day

# Testing Procedure

- After 10:00 EST day-ahead, IESO determines the capacity of selected demand response resources for the next day through their energy bids and submitted non-performance events
- Selected demand response participants are notified by telephone that their resource(s) will be tested on the following day

# Testing Procedure (Continued)

- Inputs are entered into IESO tools in order to ‘force’ activations of selected resources “out-of-market”. This initiates the Standby Notifications and Activation Notices consistent with regular “in-market” activations
- Participants will receive a standby notice for their activated resources by 07:00 EST on the day of the test. If the standby notice is not received, the test can be considered cancelled and the market participant will be contacted by the IESO

# Testing Procedure (Continued)

- Market Participants are to follow their normal bid-management process upon receipt of the standby notification
- Market participants will receive an activation notice approximately two hours and thirty minutes in advance of the first dispatch hour of the test activation

## Post-testing IESO Process

- Results of Demand Response test activations are assessed by IESO under the existing settlement timelines
  - Non-performance charges can be applied based on test results
- Participants who were unable to meet the test activation requirements will be flagged to the IESO's compliance department and will likely be re-tested within the commitment period.



# QUESTIONS?

- Feedback can be submitted to [engagement@ieso.ca](mailto:engagement@ieso.ca)
- Questions on day-to-day testing matters can be submitted to [customer.relations@ieso.ca](mailto:customer.relations@ieso.ca)