

Comments to:
Independent Electricity System Operator
(IESO)

- Stakeholder Engagement for Demand Response Working Group on March 29, 2016

Submission by
City of Toronto

Expanding DR Participation In The DR Auction

Consultation (Slide 7)

IESO *“Are there additional technologies and sectors (eg residential) capable of meeting the operational characteristics of Hourly Demand Response resources?”*

Recommendation: The City of Toronto recommends that the IESO evaluate the enrollment for industrial resources that can participate for one hour daily.

DEMAND CURVE ELEMENTS

Ontario Capacity Conditions and Outlook (Slide 7)

IESO *“Ontario and Quebec agree to a 500 MW capacity swap arrangement which increases the amount of capacity available to meet Ontario’s summer capacity needs”*

Comment: The Recently published IESO 18 Month Outlook summarizes forecasted seasonal peaks in normal weather as summer: 22,649 compared to Winter 22,360. These forecasts indicate a high winter MW peak which may result in increased pressures on Demand Response.

Source: http://www.ieso.ca/Documents/marketReports/18MonthOutlook_2015dec.pdf

Recommendation: The City recommends that the IESO consider the opportunity for increasing the Demand Response capacity for the Winter season to meet decreased capacity associated with the Ontario- Quebec energy swap.

Growth Opportunities for Demand Response (Slide 8)

IESO *“The role of demand response to meet local needs in response to regional planning outcomes will be explored”*

Comment: The City supports identifying local capacity requirements associated with regional planning. As a growing City electricity demand continues to increase; local Demand Response is a sustainable option to manage costs and emissions.