

IESO Engagement

From: Brandon Huzevka
Sent: November 30, 2020 1:29 PM
To: IESO Engagement
Subject: Electricity Planning in Southwest Ontario webinar on Nov.26th Question

Hi,

I attended the Electricity Planning in Southwest Ontario webinar on Nov.26th.

Some feedback & question to IESO:

I monitor daily grid data via simplified apps utilizing IESO data such as GridWatch IOS.

I would like to have more behind-the-meter data for consumption forecasting and analysis.

I find the current data to be inadequate in capturing the true scale of electricity consumption within Ontario due to onsite solar/natural gas generators running to offset grid consumption.

Would the regional planning department(s) see value in collecting this behind-the-meter data with monitoring connected to IESO databases?

Background: Medisun currently has 8 MW of behind-the-meter generation and is projected to grow to 17 MW by 2023 in the Chatham area, we have no grid access currently but would like to connect eventually.

We only use our generators periodically (7am-7pm roughly) and have significant spare capacity to use in the evenings/nights.

We haven't looked into the capacity auctions / load balancing etc. as the grid cannot handle our load requirements to date (Wallaceburg TS full).

Given our growing genset capacity, there may be an IESO/grid opportunity for periodic grid support from our facility.

I am confident there are other greenhouses in similar scenarios throughout the SouthWest and want to make sure the Regional Planning teams have access to this data-type while doing analysis.

Could you recommend a smart meter type and or communication protocol / upload file template for direct uploading by users?

We hope to help where we can!

Regards,

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