

# Scheduling for Commissioning Variable Generators

## Introduction

This Quick Take briefly describes the process of submitting schedules for commissioning variable generators. During commissioning, variable generators are self-schedulers, meaning you submit schedules that reflect the forecasted output of the facility along with any outages or derates to the facility.

## Submitting Schedules

During commissioning a variable generator is defined as a self-scheduler. This means a schedule for the following day must be submitted each day between 6 am and 10 am EST. See the *Submitting, Revising and Cancelling Schedules and Forecasts tool training guide* on the IESO [Participant Tool Training](#) webpage on how to submit schedules.

During commissioning, use of a standing schedule is not advisable since your facility output is dependent on varying weather conditions and a standing schedule does not vary.

It is important to follow a process which will allow your predispatch schedules to accurately reflect your facility's capabilities during the commissioning period as well as ensure the IESO receives the most accurate information during the commissioning period.

To achieve an accurate daily forecast based on expected weather, retrieve your facility's *VGResource- Forecast* report and use the next day's forecast as your day-ahead schedule. The *VGResource- Forecast* report is a confidential report found at <http://reports.ieso.ca>. To access this report you must have access to operational reports. Access to operational reports is self-administered by your organization.

## Submitting Outages and Derates

You must inform the IESO of your facility outages and derates. For detailed information on Outage Management, including timelines and the equipment outages that must be reported, please refer to *Market Manual 7.3: Outage Management* and the *Market Rules Chapter*

5: Section 6, available on the [Market Rules and Manuals Library](#) webpage. Your company's specific outage reporting requirements were detailed in the Outage Reporting letter sent to you by the IESO.

You can submit your derates and outages through an on-line outage request form which is available through the IESO Portal Outage Management community. See the *Outage Coordination and Scheduling System (OCCS) CROW Web Client User Guide* on the [Participant Tool Training](#) webpage for more information.

### **Monitoring your forecast and schedule**

A self-scheduler shall, as soon as practical, submit revised dispatch data for any dispatch hour in the current predispach schedule when the quantity scheduled for that facility differs from the quantity the market participant reasonably expects to be delivered or withdrawn.

You can monitor your confidential predispach schedule at <http://reports.ieso.ca/>. To access this report you must have access to physical reports. Access to physical reports is self-administered by your organization. If the electricity price in an hour falls below your submitted zero price, your predispach schedule will be zero. If you do not intend to set your facility output to zero, you must revise your dispatch data so subsequent predispach schedules accurately reflect what your expected output will be.

While commissioning you may be required to run uninterrupted tests on your facility. To increase the likelihood you will not receive a zero schedule in pre-dispatch, you can modify your zero price as low as the maximum negative market clearing price of - \$2,000.

### **Ending Commissioning**

At the end of your commissioning period, your facility will cease to be a self-scheduler and become dispatchable. This means you must be able to receive dispatches and you are required to submit real-time energy offers rather than forecast schedules. See the *Submitting, Revising and Cancelling Energy Bids* guide on the [Participant Tool Training](#) webpage, on how to submit real-time energy offers. Being dispatchable also means you now have a price floor for your offer price.

Ensure on the day you become dispatchable, your schedules, including standing schedules, have been cancelled and your real-time energy offers, including standing

offers, have been successfully submitted. If you are not using a standing offer you must successfully submit real-time energy offers each day between 6 am and 10 am EST the day before the dispatch day.

**In summary, ensure that:**

- You submit a schedule each day for the next day between 6 am and 10 am EST. Retrieve and use the *VGResourceForecast* MW quantities for tomorrow as your schedule MW quantities for tomorrow.
- Your equipment outage and derate information is always up to date.
- The predispatch schedule accurately reflects your expected output.
- You properly switch to real-time energy offers following the commissioning period when you become dispatchable.
- You communicate appropriately during commissioning. See the *Communicating with the IESO: Self-Scheduling and Intermittent Generators* document on the [Training Materials](#) webpage.

## Contact Us

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IESO Quick Takes provide the Ontario electricity sector with insights into specific initiatives or issues. Market participants should ensure that they read and understand the specific obligations in the market rules and market manuals for their participation in Ontario's electricity market. For more information, please email us at [customer.relations@ieso.ca](mailto:customer.relations@ieso.ca).