

SELF-BOTTLING PURPOSE CODES

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Background

- Implementation of new “Self-Bottling purpose code
- Only applicable to wind and solar generators
- The reason is to:
 - improve the accuracy of variable generation forecasts and
 - ensure the centralized forecast predicts output of the station proportionate to their available capacity but capped at a de-rated maximum

Key Dates

- Sandbox Implementation
 - April 12, 2018 (Completed)
- Market Trial
 - Any time after implementation in sandbox
 - Need to be registered as Equipment Outage Submitter in Sandbox. This is done by the Applicant Representative in Sandbox Online IESO
<https://onlinesandbox.ieso.ca>.
- Production Implementation
 - May 22, 2018

Purpose Code Use

- MP's are to use the Self-Bottling purpose code when their capacity is restricted from the grid by an outage or de-rate to one of their station elements
 - Some examples include but are not limited to:
 - De-rating to the step-up transformer that connects their generation to the grid
 - Outage to a step-up transformer which results in the generation connecting to the grid through a remaining transformer with rating lower than the full generation capacity

Outage Management Tool

- MP's are to continue submitting de-rates for outages to turbines or generation feeders which directly reduce the station's generation capacity as they have been
- In the case of a "Self-Bottling" event the MP should submit an outage using the "Self-Bottling Event" Purpose code and applicable DRATE Constraint

*Planned Start:	<input type="text" value="2018/03/30 08:00"/>	
*Outage Duration:	<input type="text" value="8"/>	Hour(s) <input type="button" value="v"/>
*Priority Code:	Planned <input type="button" value="v"/>	
*Purpose Code:	Self Bottling Event <input type="button" value="v"/>	

Thank You
