

# Webinar: Curtailing Wheel-Through Transactions as a Control Action

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April 28, 2016

# Agenda

- Overview of Issue
- Next Steps
- Questions/Comments

# Overview of Issue

- Proposed changes to [Market Manual](#) 7.2: Near-Term Assessments and Reports.
- The proposed change would add a new condition in section 1.3.4: IESO Control Actions (Nuclear Manoeuvres Forecasted or Occurring) to allow the IESO to curtail wheel-through transactions if a nuclear shutdown is scheduled in future hours concurrent with wheel-through transactions.

# Overview of Issue

- Curtailing wheel-through transactions to prevent a nuclear shutdown may be the appropriate market response during this circumstance.
  - The IESO's scheduling tool does not account for all of the implications of a nuclear shutdown for future hours – including the fact that a nuclear unit can take up to 72 hours to re-start after a shutdown
  - The next set of economic resources after the nuclear shutdown are likely to have limited flexibility to be dispatched in this timeframe.

# Overview of Issue

- Market Rule Chapter 7, Section 5.2: Information Used to Determine Pre-dispatch Schedules states that:
  - The IESO will use the most current valid information as inputs in determining the pre-dispatch schedule. This includes the effects of other available information that the IESO determines appropriate.
  - Other available information can include the reliability impact and economic limitations of shutting down a nuclear generator
- IESO will only curtail wheel-through transactions if doing so is likely to prevent a nuclear shutdown.

# Next Steps

- IESO will use the Interim Market Document Change (IMDC) process
- IMDC posted today on [Pending Changes](#)
  - 5-Day Comment Period

# Next Steps

## 1.3.4 IESO Control Actions (Nuclear Manoeuvres Forecasted or Occurring)

If the IESO determines during pre-dispatch that we are forecasting a nuclear manoeuvre in future hours, or if a nuclear manoeuvre is imminent in real-time operations, we will ensure the nuclear reductions are managed in a manner that respects the characteristics of the nuclear *generation facility* while simultaneously satisfying our requirement to balance the power system.

The following actions are executed in the pre-dispatch timeframe:

If...	Then...
<u>Prior to the last run of pre-dispatch for the dispatch hour, the pre-dispatch schedule indicates that nuclear units are being shut down</u>	<u>We may, on a best effort economic basis, curtail wheel-through transactions in order to prevent the nuclear shutdown. Such curtailments are tagged TLRe.</u>

Questions/Comments?