

IESO Stakeholder Engagement

From: Robert Cary
Sent: June 24, 2012 11:37 AM
To: IESO Stakeholder Engagement;
Subject: RE: Agenda and Materials Posted for SE-91 Floor Price Focus Group Meeting on June 27

Gordon, Jordan,

I've had a chance to look quickly at the materials on the website for meetings on 27th. I really appreciated the chance to discuss the key elements on 15th, before I left. I'll make a few brief comments now, partly reflecting differences between what I see and what I had understood.

File FPFPG-Presentation

Slide 5

One of the points to note with respect to nuclear curtailment durations is that the first unit curtailed could be the first unit restored, so that the duration of "2 units curtailed" could be shorter than any min curtailment duration for a unit.

Slide 6

Bullet 1 is not as I understood it from our discussion. I understood from our discussion that you would use pre-dispatch, at some to-be-defined hour ahead, to trigger nuclear CSDV curtailments. You now indicate use of a real time dispatch trigger, presumably supplemented by some look ahead (and presumably using pre-dispatch) to determine when to trigger CSDV curtailment. This looks very messy. It needs a lot of detailed process:

- It seems under your present scheme that CSDV curtailment at \$-5 must be available to RT dispatch and MIO
- Locational shadow price will be set by CSDV curtailment
- How will wind curtailment be triggered?
- How will this show in MIO look-ahead?
- How will IESO RT judgments be transparent?

Slide 7

Bullet 2

When CSDV-curtailed, the energy available from shutting off the CSDVs remains available in the market schedule. Does it remain available in the constrained schedule? If not, then when does it become available again in the constrained schedule? Until then, by what mechanism (if any) is it held out of the constrained schedule? How does it show in constrained and unconstrained pre-dispatch schedules?

When not CSDV-curtailed, is the output reduction available from CSDV curtailment still available in the constrained schedule? Is it still available in the unconstrained? And in pre-dispatch of each?

Slide 8

Wind floor prices

Any endorsement is conditional on OPA contract compensation, and on the OPA's commitment to that compensation prior to rule making..

We have had extensive discussion about differences between wind curtailment to say 10% (no unit shutdown) and below that (requiring shutdown). I had not focussed during our discussion on 15th that this has not been recognised. Wind should have two floors: \$-10 for the tranche down to 10% load, and \$ -15 for shutoff.

This becomes particularly critical when you consider the reversals required of wind in order to accommodate to the step-changes arising from CSDV operation.

Floor price reviews

What are the criteria to be used?

Review should include operational aspects (eg decision rules for triggering or not triggering nuclear CSDV curtailment).

6 months looks too frequent for regular reviews given the depth of analysis that may be required. 6 months might be OK for a first review.

Forecast Publication

Slide 8

May be better to aggregate from 10 regions to ?? regions to get over the single participant issue (publication of total and of 9 regions would not help).

DTWG Market Schedule presentation

Slide 8

Why only for VG that is dispatched? Would it be more accurate to use simple persistence or 5 minute forecast for free flowing VG market schedule?

Sorry I will not be able to participate directly in the meetings.. I will try to watch e-mails.

Rob Cary