

Dispatchable Load Working Group

IESO

December 12, 2006



Agenda

- CMSC Clawbacks for Dispatchable Load
- Northeast Power Coordinating Council (NPCC) 10 minute spinning reserve (10S) definition changes
- NPCC Reserve Sharing Changes
- IESO Participation in Area Control Error (ACE) Diversity
- One hour IESO Bid/Offer Window
- Update on Facility Outage Management System (FOMS) Implementation for Dispatchable Loads (DL)

NPCC 10S Definition

- NPCC has recently changed their definition of 10S to include Dispatchable Load (DL).
- Only condition is that DL cannot offer non synchronized generation “behind the meter” as 10S. This is consistent with generators.
- IESO will be implementing changes to registration processes to allow DL to offer 10S.
- These changes will go through stakeholdering, timing will be driven by NPCC document changes and resulting market rule changes.

NPCC Reserve Sharing

- Currently IESO participates in Reserve Sharing with NPCC neighbours. When available, 100 MW can be used at the time of an Operating Reserve (OR) activation. Only 50 MW is counted in our OR 10 minute non synchronized (10N) requirements.
- Changes at NPCC will allow the IESO to count on 100 MW towards either our 10S or 10N requirements.

NPCC ACE Diversity

- IESO is investigating opting in to the NPCC ACE Diversity program.
- This would allow the IESO to not take action to correct ACE when the average ACE in the region is not calling for a correction.
- Would create savings for the market through lower AGC costs.

One Hour Bid/Offer Windows

- The operational certainty afforded by Day Ahead Commitment Process (DACP) has led to discussion of moving to a one hour bid and offer window.
- Barriers to a one hour window include:
 - T-90 NY-IESO protocol
 - Future MISO protocol for the release of Transmission Service

Update on FOMS Implementation

- April 23, 2007 is target in service date.
- Both “old” (email/fax) and “new” (web) processes of submitting outages will be supported for a transition period.
- End of transition period will be stakeholdered through the Outage Planning Subcommittee. Likely will be about 3 months.
- Design documents are posted on the SE-27 Facility Outage Management web page is up on the website, currently seeking MP comments. Webcast planned for working group members on December 18. http://www.ieso.ca/imoweb/consult/consult_se27.asp
- DL derates will be “derated to a MW value”. E.g. a facility is offering 100 MW but currently consuming 98 MW. A process upset may cause a derate to 80 MW.
- DL who will need an API should indicate their interest to stakeholder.engagement@ieso.ca by end of year. This will likely be a separate stakeholder effort from SE-27.