

# Stakeholder Engagement Plan SE- 33

## Proposed Changes to Automatic Generation Control (AGC) Minimum Requirement



Revision 1, March 14, 2007. Schedule in section 5 changed to allow for additional stakeholder period as requested by stakeholders

Revision 2, April 23, 2007. Discussion paper revised to reflect stakeholder concerns on support data for implementation. See the revised paper for more details on reporting and monitoring. The schedule for SE-33 will be updated to include consideration of the rule amendment later in the fall of 2007.

Revision 3, September 6, 2007. Schedule in section 5 changed from Fall 2007 to Summer 2008

Revision 4, November 26, 2007. Schedule in section 5 changed. Posting historical data on one time dispatches has been changed from mid September to mid January, 2008.

Revision 5, February 27, 2008 – Schedule updated in Section V.

### **I. Introduction and Background**

#### Background

Regulation and AGC service represents the ability of a generator to control its generation output on a second-by-second basis so that the IESO can adjust any imbalances between load and generation by using the generator's automatic generation control (AGC) capacity.

Regulation/AGC is a contracted ancillary service in the IESO administered markets. The reliability standards pertaining to AGC are indirect rather than direct, and involve time averages of data pertaining to Area Control Error (ACE)

- Details regarding the Control Performance Standards CPS 1 and CPS 2 are contained in the Performance Standards Reference Document available from: [www.nerc.com](http://www.nerc.com).

A market rule amendment submission suggests the removal of the existing market rule requirement specifying that the IESO have at least 100 MW of AGC with a ramp rate of 50 MW/min. This document can be found at: <http://www.ieso.ca/imoweb/pubs/mr2006/MR-00329-Q00-AS.pdf> along with the covering memo that was submitted to the Technical Panel: <http://www.ieso.ca/imoweb/pubs/tp2006/tp193-6a-MR-00329-Q00-Cover-Memo.pdf>.

The associated market rule amendment proposal can be found at: <http://www.ieso.ca/imoweb/pubs/mr2006/MR-00329-R00.pdf>

### **II. Stakeholders**

While electricity reliability is of interest to all stakeholders, AGC requirement most directly affects dispatchable generators operating in the IESO controlled grid.

### **III. Stakeholder Engagement Goals and Objectives**

#### Goal

The goal of this stakeholder plan is to provide stakeholders the opportunity to provide feedback to the IESO on the impact of this change on their business.

#### Objective

1. To provide stakeholders the opportunity to provide feedback on this stakeholder plan.
2. To solicit stakeholder feedback on the impacts of removing from the market rules the minimum MW and ramp rate requirements for regulation/automatic generation control (AGC).
3. To minimize adverse effects on market participant operations and processes to the maximum extent possible.

### **IV. Stakeholder Engagement Approach and Methods**

The stakeholder engagement approach will be feedback — with request for stakeholder review and written feedback. The implementation of this stakeholder engagement plan will be in accordance with the IESO's approved stakeholder engagement principles. The stakeholder engagement method to be employed will be a web-based posting with a request for written comments via e-mail.

A meeting was held December 18, 2006 with the dispatchable generators to explain the market rule amendment and to solicit their feedback, as requested by the Technical Panel.

Web-based postings provide all interested stakeholders with an efficient low-cost method to be informed of the proposed changes with the opportunity to communicate their views via e-mail to the IESO ([stakeholder.engagement@ieso.ca](mailto:stakeholder.engagement@ieso.ca)). All stakeholder input, including dissenting views, will be posted on the IESO website.

Feedback will be provided on all stakeholder comments and how this input was considered, and the results of the consultation will be posted on the IESO website.

## V. Decision Making Process

Stakeholder Engagement Schedule	
Activity	Target Date
1. <a href="#">Stakeholder Session on Proposed Changes to AGC Minimum Requirement</a> .	Completed December 18, 2006
2. Technical Panel Meeting for consideration of the market rule amendment.	Completed January 16, 2007
3. Post discussion paper containing criteria for setting AGC requirements.	Completed February 15, 2007
4. Deadline for stakeholder feedback on discussion paper.	Completed March 2, 2007
5. Post IESO response to stakeholder feedback on discussion paper.	Completed March 14, 2007
6. Post revised discussion paper supporting the needs for more monitoring and reporting prior to implementation.	Completed April 23, 2007
7. Post historical data on one time dispatches.	Winter 2008
8. Post draft Interim Market Document Change (IMDC) for comment.	Winter 2008
9. Deadline for stakeholder feedback on draft IMDC.	Winter 2008
10. Post IESO response to stakeholder feedback on IMDC. Post final IMDC incorporating stakeholder feedback.	Winter 2008
11. Technical Panel Meeting for vote on the market rule amendment.	Winter 2008
12. IESO Board of Directors' consideration of Technical Panel recommendations on market rule amendments.	Winter 2008

### Process Evaluation

Stakeholders will be provided the opportunity to provide feedback on the effectiveness of the process in achieving stated objectives.