



June 16th, 2009

To: Market Participants

Re: **Energy Management System (“EMS”) Request for Testing**

During 2007 the AESO initiated a major capital project to replace its Energy Management System (EMS) to a new solution provided by AREVA. The EMS is the system used to receive real time telemetry from participants and to manage the regulating reserve signals for the grid. The project is targeted to go live Q4 2009.

Testing of the communication links for receiving telemetry from participant systems, as well as testing of the new EMS Automatic Generator Control (AGC) function to generators providing Regulating Reserve (RR) service to the ISO is required. These tests are scheduled to start in the month of July and run intermittently until the system is commissioned in Q4.

From the participant's perspective, two types of testing may be required:

- For participants that supply telemetry to the AESO, there will be a test to confirm the telemetry is received in the new EMS.
- For participants with generators that supply Regulating Reserves, there will be further testing of the AGC signals between the AESO and the participant required:
 - A limited range (eg +/- 5 MW) AGC test with minimal duration which will ensure the AESO's AGC signals are being received by the generator; and
 - A more detailed AGC test with expected duration of 2 to 4 hours will ensure the generators response to the AESO AGC signal is correct. Every attempt will be made to schedule these checks while your asset is providing RR to the market.

Once all the individual units responses to AGC signals from the new EMS have been confirmed, a system wide test of AGC under the new EMS will be performed.

The AESO technical staff will contact the participant technical staff to schedule and coordinate these tests. The AESO market participant support staff will be contacting the participant market representatives to provide additional information, and to arrange for a mutually acceptable time to complete the tests if they cannot be completed when the generator is in the market providing regulating reserves.

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The AESO technical contacts for this project are Jack Kelly (ph 403 705 5211) or Robb Lindner (ph 403 705 5238).

The AESO market contact for this project is Mary-Beth Hansen (ph 403 539 2599).

The AESO appreciates your support and willingness to assist during this critical time of testing the new AREVA system.

Sincerely,

Neil Curtis,
Director, Grid and Market Operations
Alberta Electric System Operator