



June 24<sup>th</sup>, 2009

To: Market Participants

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

The AESO advised participants on June 16<sup>th</sup>, 2009, that testing of generator telemetry would be required with the new EMS, scheduled to be commissioned in Q4, 2009. ([http://www.aeso.ca/downloads/REVA\\_Communication\\_and\\_AGC\\_Test\\_Notice.pdf](http://www.aeso.ca/downloads/REVA_Communication_and_AGC_Test_Notice.pdf)). This notice today is to provide participants additional information on the proposed testing.

Connectivity testing will begin on July 13<sup>th</sup> and run through July 24<sup>th</sup>. These tests will involve moving the communication links from the existing EMS to the new AREVA EMS, confirming data transactions, and then switching back to the existing EMS. The test for each site is scheduled to take up to 60 minutes to complete; this period will be extended for ATCO and Altalink due to complexity and volume of data. Additionally, for assets that provide Automatic Generator Control (AGC), an additional 5MW AGC range test will be included to ensure the AESO's AGC signals are being accurately received by the generator. This AGC 5MW range test will also ensure that the asset is capable to continue to provide Regulating Reserves (RR), when the new AREVA system is in place.

During the test periods, data for assets associated with the site being tested will not be updated on the Current Supply Demand (CSD) page. The values listed beside the specific asset(s) at the beginning of the test will remain static until the test is complete.

To ensure the AESO provides participants with the most accurate up-to-date information, the AESO will be posting the details of planned tests on the AIES Event Log, just prior to the commencement of the test. The information posted will include the specific asset(s) affected by the upcoming site test and the expected start-time. The AIES Event log will be updated again upon completion of the tests.

As always, system reliability is of utmost importance to the AESO. All testing will be based on system conditions at the time of the scheduled tests. If a test is delayed for any reason, that information will also be made public on the AIES Event Log.

If you have any questions or concerns regarding the testing requirements or scheduling of the tests, please contact Robb Lindner (ph 403 705 5238). If you have any market related questions or require additional information, please contact Mary-Beth Hansen (ph 403 539 2599), after July 5<sup>th</sup>.

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

Sincerely,

*Original signed by,*

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