

November 24, 2006

Mr. Xiaodong Sun  
Senior Engineer-Technical Compliance  
Power Equipment Department  
EP Services Division, Electricity Production  
Ontario Power Generation

Dear Mr. Sun:

*Nanticoke GS Units 5&6 Turbine upgrades  
Notification of Conditional Approval of Connection Proposal  
CAA ID Number: 2006-EX310*

Thank you for the detailed information regarding the upgrade of High Pressure turbines for units 5 and 6 at Nanticoke GS.

In your application you have indicated that after the upgrade, the Maximum Continuous Rating (MCR) for each unit will increase from the current 500 MW to 509 MW. However, since no work is planned for the unit generator, the current rated capability of the generator of 588 MVA will remain and the increased MW is well within the capability limits of the generator. The planned in-service dates for G5 and G6 are December 14<sup>th</sup>, 2006 and December 15<sup>th</sup>, 2007, respectively.

From the information provided, our review concludes that the proposed project will not result in a material adverse effect on the reliability of the IESO-controlled grid. The IESO is therefore pleased to grant **conditional approval** for the replacement detailed in this NOA and the attached assessment report. Any material changes to your proposal may require re-assessment by the IESO in accordance with Market Manual 2.10, and may nullify your conditional approval.

**Final approval** will be granted upon successful completion of the IESO Facility Registration process. During facility registration you will be expected to demonstrate that you have fulfilled the requirements and the modification is in line with the proposal assessed by the IESO. Please contact [market.entry@ieso.ca](mailto:market.entry@ieso.ca) if you have not received a Facility Registration Summary package within the next 10 days.

For further information, please contact the undersigned.

Yours truly,

Michael Falvo

Manager - Transmission Assessments & Performance

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cc: IESO Record

Ontario Power Generation acknowledges receipt of the System Impact Assessment Report setting out the IESO requirements for final approval, and commits to fulfill these requirements, and all other applicable Market Rules, before receiving final approval to connect to the IESO-controlled grid.

Dated: \_\_\_\_\_

Per: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_