



26th March 2004

Mr Mel Yates
Manager-Stations T&D: Sustainment Programs
Hydro One Networks Inc.
483 Bay Street, 15th Floor: North Tower
Toronto M5G 2P5
Ontario

Dear Mr Yates:

***Longwood TS: Replace the 500kV Breaker PL562
Notification of Approval of Connection Proposal
CAA ID Number: 2004-EX191***

Thank you for the data that you provided for the 500kV breaker that is to be installed at Longwood TS to replace the unit that was damaged during the failure of one of its CTs.

The scheduled in-service date for the new unit that is to replace breaker PL562 is 1st September 2004.

Since the replacement unit is identical to the original breaker, we have concluded that this work will have no adverse impact on the IMO-controlled grid. [The data for the replacement breaker are attached.]

The IMO is therefore pleased to grant **conditional approval** for the replacement of the failed 500kV circuit breaker PL562 at Longwood TS.

Final approval will be granted upon successful completion of the IMO Facility Registration process.

Please contact facility.registration@theIMO.com if you have not received a Facility Registration Summary package within the next 10 days.

For further information, please contact the undersigned.

Yours truly,

Bob Gibbons

Manager – Long Term Forecasts & Assessments

Telephone: (905) 855-6482 Fax: (905) 855-6129 E-mail: bob.gibbons@theimo.com

cc: IMO BIRM

All information submitted in this process will be used by the IMO solely in support of its obligations under the *Electricity Act, 1998*, the *Ontario Energy Board Act, 1998*, the *Market Rules* and associated policies, standards and procedures and in accordance with its licence. All information submitted will be assigned the appropriate confidentiality level upon receipt.

655 Bay Street, Suite 410, P.O. Box 1, Toronto ON M5G 2K4 Canada tel 905.403.6900 toll free 1.888.448.7777 fax 905.403.6129
www.theIMO.com – helpcentre@theIMO.com

Data for the Replacement Circuit Breaker:

Location	Longwood TS
Breaker Designation	PL562
Manufacturer	ABB
Rated Voltage	550kV
Interrupting time	2.5 cycles
Interrupting medium	SF ₆
Rated continuous current	4000A
Rated symmetrical short-circuit interrupting capability	63kA

Protective Relaying

The protective relaying will remain unchanged.

Auto-reclosure Scheme

No changes are to be made to the auto-reclosure settings or selections.