



8<sup>th</sup> June 2004

Mr Tom Kydd  
Acting Manager-Stations T&D: Sustainment Programs  
Hydro One Networks Inc.  
483 Bay Street, 15<sup>th</sup> Floor: North Tower  
Toronto M5G 2P5  
Ontario

Dear Mr Kydd:

***Pinard TS: Replace the 230kV Breakers PL20 & PL22  
Notification of Approval of Connection Proposal  
CAA ID Number: 2004-EX197***

Thank you for the data that you provided for the 230kV SF<sub>6</sub> breakers that are to be installed at Pinard TS to replace the two existing bulk oil units that are considered to be at the end of their useful life.

The scheduled in-service dates for the new units are 11<sup>th</sup> June 2004 for PL20 and the end-June 2004 for PL22.

Since the ratings of the replacement units are superior to those of the original breakers, 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 230kV circuit breakers PL20 & PL22 at Pinard TS.

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

Please contact [facility.registration@theIMO.com](mailto: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

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cc: IMO BIRM

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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.

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[www.theIMO.com](http://www.theIMO.com) – [helpcentre@theIMO.com](mailto:helpcentre@theIMO.com)

***Data for the Replacement 230kV Circuit Breakers:***

Location	Pinard TS
Breaker Designations	PL20 PL22
Manufacturer	ABB
Rated Voltage	250kV (suitable for 260kV - see attached e-mail)
Interrupting time	2.0 cycles [Existing units: 3 cycles]
Interrupting medium	SF <sub>6</sub>
Rated continuous current	3000A [Existing units: 1600A]
Rated symmetrical short-circuit interrupting capability	50kA [Existing units: 30.4kA]

***Protective Relaying***

The protective relaying will remain unchanged.

***Auto-reclosure Scheme***

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



FW Porcupine  
Breaker.msg