



January 3, 2002

Mr. Bob Singh,  
Manager, Connection & Distribution Development  
Investment Planning Division  
Hydro One  
483 Bay Street  
Toronto, Ontario, M5G 2P5

Dear Mr. Singh:

***Addition of Two 27.6 Feeders at Sheppard TS  
Notification of Approval of Connection Proposal  
CAA ID Number: 2002-EX016***

Thank you for the detailed information that you provided on the plan for adding two 27.6 kV feeder positions at Sheppard TS on transformers T1 and T2.

We have reviewed the Connection Assessment application and the documentation submitted by you and concluded that a formal Connection Assessment study is not warranted because:

- The new feeders will be used to transfer existing load that is presently connected to the other two transformers, T3 and T4, at Sheppard TS,
- The remaining feeder capacity will accommodate future load growth in the area,
- The addition of the two feeders will improve the power supply reliability for the customers connected to Sheppard TS.

The *Market Rules* Chapter 5 section 10.4 obligates each distributor and connected wholesale customer to make arrangements to enable the automatic disconnection of up to 35% of its peak demand for specific under-frequency system conditions. The IMO has investigated the need for supplementary under-frequency load shedding capability and concluded that there is no need to modify the existing under-frequency load shedding facilities or add new ones, at Sheppard TS.

The IMO is therefore pleased to grant approval for connecting the two new feeders. A copy of this Notification of Approval will also be provided to the Ontario Energy Board (OEB).

To commence the project implementation, please follow the necessary procedures and obtain the required approvals, licences and permits as may be required by the OEB and other regulatory authorities.

Please note that the new facilities will also have to meet the requirements of the IMO's Facility Registration process before being placed in service.

For further information, please contact the undersigned.

Yours truly,

Bob Gibbons

Manager - Long Term Forecasts & Assessments

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cc: IMO Records

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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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