



2nd September 2003

Mr Gord Haines
Manager – Electrical: P&C and Compliance
Ontario Power Generation Inc.
14000 Niagara Parkway
RR #1
Niagara-on-the-Lake
Ontario L0S 1J0

Dear Mr Haines,

***ONTARIO POWER GENERATION Inc.: Sir Adam Beck GS No. 2
Replace Existing T15 Step-up Transformer
Notification of Approval of the Connection Proposal***

CAA ID Number: 2003-EX156

Thank you for the information regarding your proposal to replace the three single-phase units that compose the step-up transformer T15 at Beck 2 GS with identical units.

[The detailed information for the new facilities is attached.]

Since this work represents a like-for-like exchange, a formal Connection Assessment study will therefore not be necessary.

It has been concluded that this work will have no adverse impact on the IMO-controlled grid and the IMO is therefore pleased to grant approval to complete the proposed installation.

Registration of the new facilities will need to be completed through the IMO's 'Facilities Registration' process.

For further information, please contact the undersigned.

Yours truly,

Bob Gibbons
Manager – Long Term Forecasts & Assessments

cc: IMO Records

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.

Sir Adam Beck GS No. 2

Step-up Transformer T15

Data for each replacement single-phase unit:

Manufacturer	Pauwels
Rated Voltage for each winding	HV: 250kV LV: 13.8kV
Thermal Rating	70MVA
Impedance	X = 10.2% on 70MVA
Off-load taps	262kV 256kV 250kV 244kV 238kV
In-service Off-load Tap	244kV
Connection Arrangement	HV: Wye (solidly grounded) LV: Delta

Proposed In-service Date: 19th September 2003

(Scheduled Outage 8th to 19th September)