



# **CONNECTION ASSESSMENT & APPROVAL PROCESS**

## ***ASSESSMENT SUMMARY***

*Applicant: Hydro One Networks Inc.*

*Project: Replacement of 230kV Breaker A2L41 at Burlington TS*

*CAA ID No. 2003-EX134*

***Long Term Forecasts & Assessments Department  
Consistent Information Set Department***

*Date: 17th July 2003*

## **ASSESSMENT SUMMARY**

### **HYDRO ONE NETWORKS Inc.**

#### ***BURLINGTON TS - Replace existing 230kV breaker A2L41***

##### ***1.0 GENERAL DESCRIPTION***

The 230kV oil circuit breaker A2L41 failed recently and is due to be replaced with a similar unit.

This work is tentatively scheduled to be completed later this week.

##### ***2.0 PROPOSED FACILITIES***

The details for the new 230kV breaker are as follows:

###### *Specification for the Oil Circuit Breaker*

- Identifier: A2L41
- Manufacturer: Canadian General Electric
- Type: FGK-253
- Rated operating voltage: 250kV continuous
- Continuous current rating: 3000A
- Fault interrupting capability: 70kA

The failed breaker was also an FGK-253 unit, with a rating of 70kA symmetrical.

##### ***3.0 ASSESSMENT***

The replacement breaker is therefore a like-for-like exchange and will therefore have no adverse impact on the IMO-controlled grid.

##### ***4.0 NOTIFICATION OF APPROVAL***

It is therefore recommended that a Notification of Approval of the Connection Proposal be issued.