



CONNECTION ASSESSMENT & APPROVAL PROCESS ASSESSMENT SUMMARY

Applicant: Hydro One Networks Inc.

**Project: Lincoln Heights TS – Replacement of
LV Shunt Capacitor Banks SC1 & SC2**

CAA ID: 2002-EX037

Long Term Forecasts & Assessments Department

Date: July 12, 2002

Assessment Summary

Hydro One Networks Inc.

Lincoln Heights TS – Replacement of LV Shunt Capacitor Banks SC1 & SC2

1.0 Description of Proposal

Hydro One Networks Inc. is proposing to replace the two existing 13.8 kV 12 MVar shunt capacitor banks SC1 and SC2, which contains toxic materials with new capacitor banks of similar ratings. There will be no change to the present protection scheme.

The two replacement capacitor banks have identical ratings and they are:

| | |
|-------------------|-----------------------|
| Rated Voltage: | 14.4 kV |
| Rated Capability: | 10.8 MVar |
| Discharge Time: | 5 min. |
| Bank Arrangement: | Double-wye ungrounded |

The scheduled in-service date for the work is Q4 of 2002.

2.0 Assessment

The intent of this proposal is to replace facilities that contain toxic materials with those that are more environmentally friendly. The two existing LV shunt capacitor banks SC1 and SC2 are being replaced with new banks of similar ratings and there will be no change to the present protection scheme. This proposal is essentially a like-for-like replacement of existing facilities and will have no adverse impact on the IMO controlled grid.

3.0 Notification of Approval

Based on the above assessment, it is recommended that a Notification of Approval for this proposal be issued to the applicant.