



# **CONNECTION ASSESSMENT & APPROVAL PROCESS ASSESSMENT SUMMARY**

**Applicant: Hydro One Networks Inc.**

**Project: Sidney TS – Refurbish Mobile Shunt  
Capacitor Bank SC3**

**CAA ID: 2002-EX033**

**Long Term Forecasts & Assessments Department**

**Date: July 29, 2002**

## **Assessment Summary**

**Hydro One Networks Inc.**

**Sidney TS – Refurbish Mobile Shunt Capacitor Bank SC3**

---

### **1.0 Description of Proposal**

Hydro One Networks Inc. is proposing to refurbish the mobile shunt capacitor bank SC3, which has deteriorated to very poor condition. The project involves the replacement of the existing 44 kV 21.6 MVAr shunt capacitor bank with a new bank of similar ratings and the refurbishment of the associated breaker and trailer. There will be no change to the present protection scheme.

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

### **2.0 Assessment**

The intent of this proposal is to bring existing facilities up to acceptable operating standards. The existing 44 kV shunt capacitor bank will be replaced with new capacitor units of similar ratings, while the associated breaker and trailer will be refurbished. 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.