



# **CONNECTION ASSESSMENT & APPROVAL PROCESS**

## ***ASSESSMENT SUMMARY***

*Applicant: Great Lakes Power Inc.*

*Project: Third Line TS - Replace 230kV disconnect switches*

***CAA ID No. 2002-EX051***

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

*Date: 29<sup>th</sup> July 2002*

## **ASSESSMENT SUMMARY**

### ***GREAT LAKES POWER Inc. - Third Line TS***

#### ***Replacement of the existing 230kV disconnect switches***

##### ***1.0 General Description***

The five existing 230kV disconnect switches at Third Line TS have become increasingly unreliable and Great Lakes Power considers them to be beyond repair. They are therefore to be replaced with new units.

The scheduled in-service dates for the new disconnect switches are:

August 2002 for those switches associated with 230kV circuit P22G, and

September 2002 for those associated with 230kV circuit P21G

##### ***2.0 Proposed Work***

The proposed work involves the like-for-like replacement of the existing disconnect switches with new units having the same continuous rating of 2000A as the existing switches.

The new switches are to have a fault rating of 63kA and a BIL of 1050kV

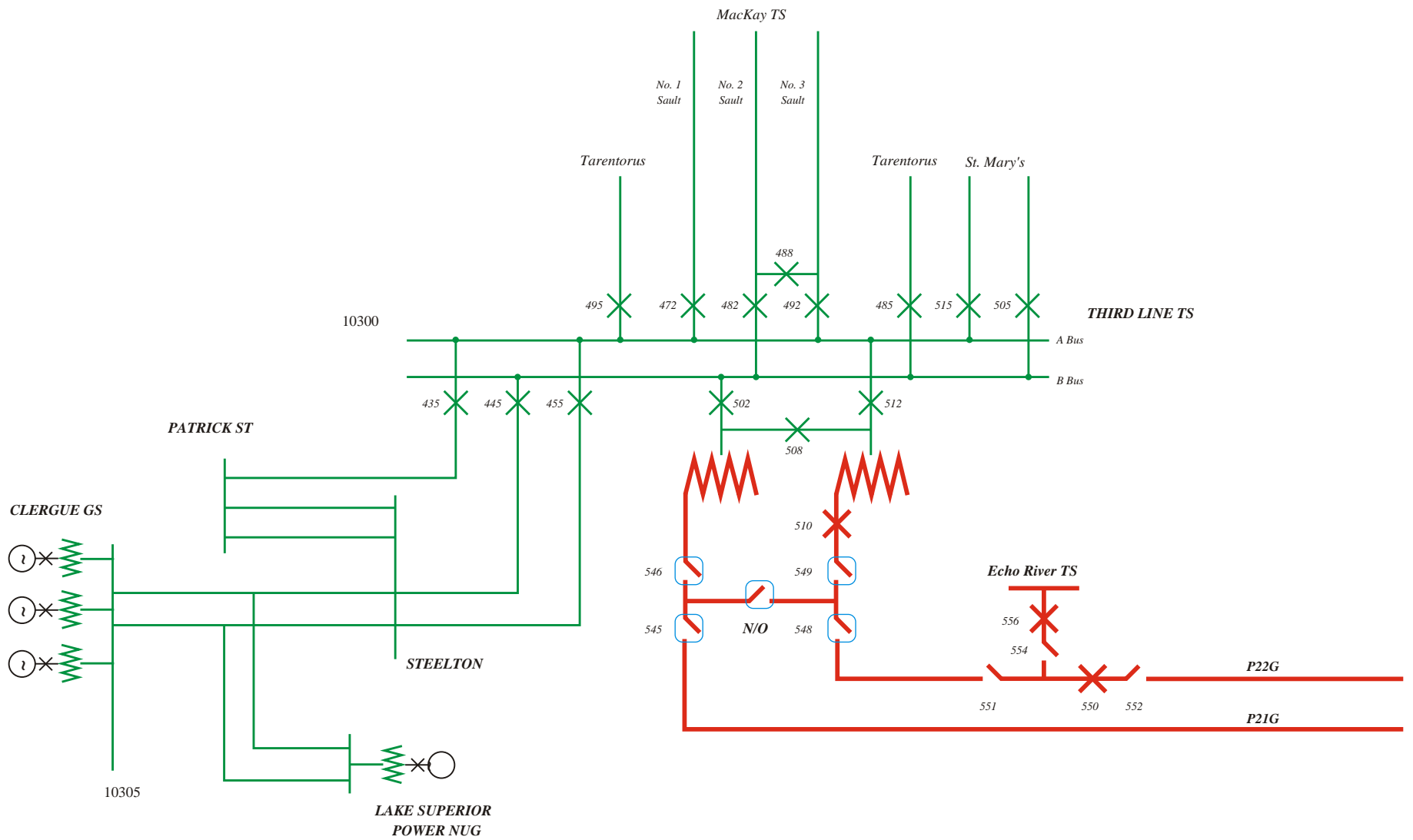
The facilities that are to be replaced are shown in Diagram 1.


##### ***3.0 Assessment***

Since the proposed work involves a like-for-like replacement of existing facilities it will 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.



 disconnect switches that are to be replaced

**DIAGRAM 1**

29th July 2002