

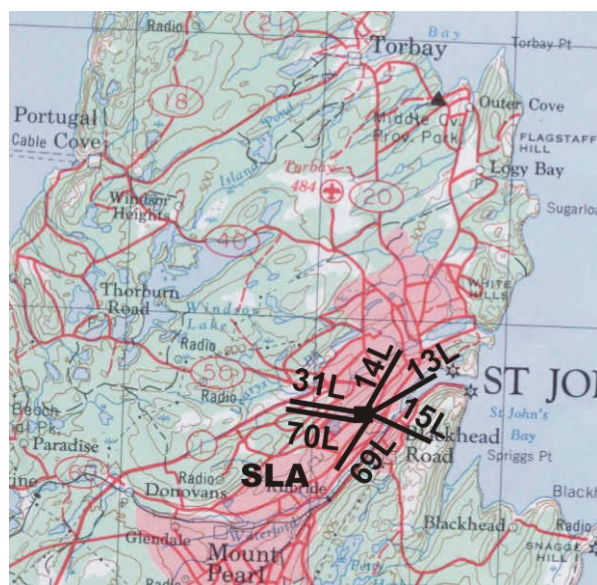
After reviewing maintenance records and conducting on-site engineering assessments it was determined the 66 kV steel structures and 12.5 kV metal clad switchgear are in good condition with no signs of deterioration.

The concrete foundations are in good condition with no signs of deterioration, with the exception of one 66 kV structure concrete foundation which must be refurbished.

The power transformers are in good condition with no obvious signs of deterioration. As a continuation of the feeder remote control program the eight 12.5 kV feeders will have relaying replaced and be automated to allow remote control from the System Control Centre. A maintenance overhaul is required to be completed on the two power transformers in 2007 which will be completed at the same time as the required capital work.

7. Stamps Lane Substation (\$509,000)

Stamps Lane substation was built in 1963 as a 66 kV transmission switching substation and as a 4.16 kV and a 12.5 kV distribution substation. The distribution substation contains four power transformers (T1, T2, T3 & T4) with a combined capacity of 50 MVA at 12.5 kV and 21 MVA at 4.16 kV. The substation directly services approximately 9,300 customers in the central area of St. John's through five 4.16 kV metal clad switchgear feeders and six 12.5 kV outdoor feeders. There are six 66 kV transmission lines terminated in the substation. These are transmission lines 13L to St. John's Main substation, 14L to Memorial substation, 15L to Molloy's Lane substation, 69L to Kenmount substation and 31L and 70L to Oxen Pond substation.



Stamps Lane Substation Location

After reviewing maintenance records and conducting on-site engineering assessments it was determined that the 66 kV and 12.5 kV steel structures and 4.16 kV metal clad switchgear are in good condition with no signs of deterioration. Four 66 kV concrete structure foundations are in