

1 Q. RE: p.B-49 Relocation of Line – Cook’s Harbour (\$556,000)

2

3 33.1 In the years from 1991 to 2000, what upgrading has been done on this
4 section of line at Cook’s Harbour? What has been the cost of each
5 project?

6

7 33.2 What other options were considered before the decision was made to
8 relocate this 7.5 km section of three-phase line? What characteristics
9 of the area to which the line will be relocated make it a more suitable
10 location?

11

12 33.3 How far from the present line route will the new section be moved?

13

14 33.4 Could system reliability be improved by re-conductoring and if so, at
15 what cost?

16

17

18 A. 33.1 There has been no upgrading done on the Cooks Harbour line since
19 1991.

20

21 33.2 No other options were considered before the decision was made to
22 relocate this line. The line is in need of a complete rebuild. The steel
23 core of the conductor has corroded, there are numerous long spans
24 and the poles and crossarms are 30 years old and deteriorated.

25

26 The existing line is 800 meters from the road. Access and visibility
27 from the road during emergency situations is extremely difficult and

1 requires crossing bogs and ponds. Relocating the line near the road
2 will significantly reduce maintenance and repair times.

3

4 33.3 The new line will be moved approximately 800 meters from its present
5 route.

6

7 33.4 Re-conductoring would address one aspect of a general deterioration
8 of all line components and would only marginally improve reliability.