

- 1 **Q. (Reference Application Schedule B, Rebuild Distribution Lines, page 33) The**
 2 **program is described as follows “*Rebuild Distribution Lines is a preventative***
 3 ***maintenance program that involves the planned replacement of deteriorated***
 4 ***distribution structure and electrical equipment identified through inspections***
 5 ***or engineering reviews. These programs include both the rebuilding of sections***
 6 ***of distribution line and the selection of replacement of line components such***
 7 ***as deteriorated poles, crossarms, conductors, cut-outs, and insulators.”***
 8 **a) Please provide the inspection and engineering reviews that were**
 9 **undertaken in relation to this cost.**
 10 **b) Have any environmental or regulatory and/or field studies or likewise been**
 11 **undertaken in NP’s planning process to mitigate unanticipated terrain /**
 12 **environmental issues such as those encountered with Transmission Line**
 13 **Rebuild 124L?**
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 15 **A. a) The budget estimate for the 2024 *Rebuild Distribution Lines* program is based on a**
 16 **historical average. Inspections are ongoing to identify the deficiencies for**
 17 **completion in 2023 and 2024. To date, six distribution feeders have been**
 18 **completely inspected and the noted deficiencies are summarized in Table 1 below.**
 19 **To date, no engineering reviews have been completed for these inspections.¹**

Table 1 2023 Feeder Inspections YTD			
Feeder	Inspection Date	Deficiencies	
		TD-2 or Higher ²	TD-4 ³
Pulpit Rock 01	2023-06-28 ⁴	11	44
Summerville 01	2023-06-28 ⁵	13	98
Frenchman’s Cove 01	2023-05-29	2	82
Rattling Brook 01	2023-08-10	4	20
Humber 10	2023-05-15	0	6
Hare Bay 01	2023-08-14	0	8

- 20 **b) Distribution feeders that are inspected and refurbished under the *Rebuild***
 21 ***Distribution Lines* program are in existing rights-of-way, unlike transmission line**
 22 **rebuild projects where construction may take place in adjacent or new rights-of-way.**

¹ Engineering reviews are not typically performed until all inspections in a region have been completed.
² Deficiencies noted as TD-2 require action within one month and are included under the 2023 *Reconstruction* program.
³ Deficiencies noted as TD-4 will undergo engineering review for inclusion in the 2024 *Rebuild Distribution Lines* program.
⁴ Inspections occurred between 2023-06-27 and 2023-07-04.
⁵ Inspections occurred between 2023-05-09 and 2023-08-03.

1 Therefore, unanticipated terrain and environmental issues such as those
2 encountered with Transmission Line Rebuild projects are unlikely to occur. In some
3 cases, relocation of a section of distribution feeder to the road right-of-way may be
4 necessary. In those cases, unanticipated terrain and environmental issues do not
5 arise as a result of the line's proximity to the road right-of-way.