

1 **Q. DISTRIBUTION**

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3 **PUB 53.0**

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5 **Please provide comparable numbers to those provided in PUB 51.0 for the**  
6 **construction of new distribution lines (B-48) showing the annual cost per kilometer**  
7 **and annual cost per feeder.**

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9 A. The capital budget project Feeder Additions and Upgrades to Accommodate Growth  
10 described at page 48 of Schedule B involves the upgrading of distribution feeders to  
11 accommodate customer growth and growth in the load requirements of existing  
12 customers. The required work will vary substantially from feeder to feeder, and from  
13 year to year, and may include new line construction, the re-conductoring of existing lines,  
14 or the installation of voltage regulators on existing lines.

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16 Using historical expenditures for the past 5 years and forecast expenditures for the next  
17 five years, expenditures on Feeder Additions and Upgrades to Accommodate Growth  
18 over the 10-year period will approximate \$264 per kilometre, or approximately \$26 per  
19 kilometre per year (based on a total of 8,200 kilometres of distribution feeder lines). On a  
20 per feeder basis, the expenditures are \$7,162 per feeder over the 10-year period, or  
21 approximately \$716 per feeder per year (based on a total of 302 feeders).