

- 1 **Q. When a distribution feeder is rebuilt, does Newfoundland Power design the new**
2 **feeder to the same CSA specifications the Company uses for its transmission lines?**
3 **If not, what is wind and ice loading specifications for new distribution lines?**
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- 5 A. Newfoundland Power’s distribution feeders and transmission lines are designed to meet
6 or exceed the requirements of the latest version of CSA Standard C22.3 No. 1 Overhead
7 Systems. The CSA wind and ice loadings are 400 Pa wind with 12.5 mm radial ice in
8 “Heavy” loaded areas and 400 Pa wind with 19 mm radial ice in “Severe” loaded areas.¹

¹ The recognized weather loading for the greater portion of the Newfoundland Region is designated as heavy loading with the Avalon and Bonavista Peninsulas designated as severe loading.