

1 Q. **Reference: Application**

2 Does Hydro own steel towers and if so, does it use coating to extend the life? Please explain why
3 or why not and provide a cost benefit analysis comparing coating to replacement of the steel
4 tower.

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7 A. Approximately one third of Newfoundland and Labrador Hydro's ("Hydro") transmission lines
8 are built exclusively with steel towers constructed from hot dip galvanized steel members and
9 bolts. Other than in areas exposed to industrial pollution (i.e., Come by Chance), steel towers do
10 not typically corrode as a result of normal environmental factors. Hydro has several towers in
11 this area that have been coated; however, outside of this area, Hydro does not currently use
12 coatings to extend the life of steel towers since the level of corrosion does not indicate that it
13 will be necessary.