

1 Q. **Reference: Application, Attachment 1, Page 27, Lines 8 - 9**

2 What is the additional cost per kilometer and additional total project cost per 25 kV distribution
3 feeder for the fiber optic cable construction?

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6 A. To reduce right-of-way and line construction costs, Newfoundland and Labrador Hydro
7 (“Hydro”) intends to convert an existing Bell Aliant fibre line to joint use. This involves removing
8 the existing Bell communications poles and moving the existing Bell fibre to the new 25 kV joint
9 use line. Any costs associated with the Bell fibre optic cable are required as part of the joint use
10 conversion and are not driven by Hydro's communications requirements. The costs associated
11 with conversion to joint use is \$650,000, or \$12,000 per km, which is a lower cost than if Hydro
12 were to construct its own infrastructure.