

1 Q. **Project C-71: Replace 66 kV Station Service Feed, Holyrood**

2 Has Hydro considered the cost of the alternative option of replacing the exiting
3 cable with a 66 kV overhead line as opposed to a 66 kV underground cable. If so,
4 please provide further details with respect to the cost/benefit analysis performed.

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7 A. As outlined in Section 3.5 of Volume III, Tab 23 of the 2017 Capital Budget

8 Application, Hydro considered the option of replacing the existing cable with an

9 overhead line. This alternative was deemed technically infeasible by Hydro

10 Engineering, due to physical constraints in maintaining clearances between the

11 proposed overhead line and existing 230 kV and 4.16 kV lines, as well as clearance

12 between the proposed line and the Generating Station itself. Additionally,

13 underground services in the area of SST34 impede the installation of the take-off

14 structure required for the implementation of the overhead line alternative. As this

15 alternative was deemed technically infeasible, no cost-benefit analysis was

16 performed.