

1 Q. **References: Volume I, 2019 – 2023 Capital Plan, Appendix D: Gas Turbine Planning**  
2 **Report, page D23 lines 1 - 8.**

3 *From a transmission planning perspective, the replacement of*  
4 *existing gas turbine generating capacity is not required at the*  
5 *Stephenville site to meet transmission system planning*  
6 *requirements at this time provided that a 230/66 kV, 40/53.3/66.7*  
7 *MVA power transformer with on load tap changer (and associated*  
8 *230 kV and 66 kV circuit breakers and disconnect switches) are*  
9 *added at Bottom Brook Terminal Station. The addition of the 230/66*  
10 *kV transformer at Bottom Brook Terminal Station will provide back*  
11 *up or spare transformer capacity for the loss of existing 230/66 kV*  
12 *transformer T1 at Stephenville Terminal Station or loss of 230 kV*  
13 *transmission line TL209.*

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15 Is the addition of a 230/66 kV, 40/53.3/66.7 MVA power transformer and associated  
16 equipment to the Bottom Brook Terminal Station prior to 2021 included in Hydro's  
17 2019 – 2023 capital plan? If not, why not?

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19  
20 A. The addition of a 230/66 kV, 40/53.3/66.7 MVA power transformer and associated  
21 equipment to the Bottom Brook Terminal Station is not in Hydro's "2019-2023 Capital  
22 Plan" at this time. Hydro is evaluating the requirement for any system additions as  
23 part of its supply adequacy analysis to be included in its submission of the Supply  
24 Adequacy report to the Board, scheduled for November 15, 2018.