Q. **Reference: Volume I, 2014 Capital Plan, Page 7**

Does Hydro anticipate having to add an additional 230 kV infeed/supply point to the St. John's area between the present and 2023 (currently, the only three infeed points are the Oxen Pond, Hardwoods, and Holyrood terminal stations)? If so, please provide anticipated location and timeline possibilities.

A. The requirement for a fourth 230 kV infeed/supply point in the St. John's area is dependent upon several factors including, but not limited to, the magnitude of the load growth in the St. John's area, the location of the load growth relative to the existing 230/66 kV terminal stations, the capacity of the Newfoundland Power 66 kV transmission lines to accommodate continued load growth throughout the area, Newfoundland Power's ability to construct additional 66 kV transmission lines from existing 230/66 kV terminal stations to load growth locations, and Hydro's ability to increase the 230/66 kV transformer capacity at existing terminal stations to supply the continued load growth. Using the 2013-2017 Newfoundland Power Five Year Infeed Load Forecast dated 2012-09-21 and Hydro's 2012 long-term provincial load forecast for 2018-2031 Hydro does not foresee the need for a new 230/66 kV infeed/supply point in the St. John's area between the present and 2023. However, continued coordination between Hydro and Newfoundland Power is necessary to ensure least-cost reliable service in light of potential large scale developments such as Glencrest near Southlands in the western portion of the St. John's area, which will have a significant impact on the load forecast for the area and the distribution of load across the area. Estimated to be the size of the town of Gander when fully developed, Glencrest has the potential to strain existing transmission infrastructure to the point where a new 230/66 kV terminal station is warranted. Joint detailed

analysis will be required to arrive at the optimal transmission solution as the Glencrest or other development unfolds.