Q. **Reference: NP-NLH-008**

Hydro indicates it is not considering updates to its overall power transformer asset management strategy because of the failure of BUR T1. Hydro also indicates that it considers the intensity of salt contamination in the Burgeo substation to be much higher than in other service areas.

a) Please confirm that the new transformer will be subject to the same salt spray contamination Hydro states contributed to the failure of the existing BUR T1.

b) Identify any other substations or transformers where Hydro would classify the intensity of salt contamination as "much higher than other service areas."

c) What steps is Hydro taking specific to the Burgeo Substation to mitigate the salt contamination risk for the new transformer? Specifically, has Hydro considered any changes to the execution of its asset management strategy such as revised maintenance intervals, modified materials specifications or periodic repainting of power transformer components because of the increased salt contamination present?

A. **a)** It is confirmed.

b) Substations within the Newfoundland and Labrador Hydro ("Hydro") distribution service areas, with high salt contamination conditions at similar levels to Burgeo, include: Ramea, St. Anthony, Bear Cove, Daniels Harbour, Parsons Pond, Cow Head, Sally's Cove, Rocky Harbour, L'Anse-au-Loup, Holyrood, and Fogo.

c) As it specifically relates to the maintenance program, the existing distribution power transformer maintenance program is a condition-based system, as such there is no requirement to change intervals. For further information on the changes Hydro has made to its standards for transformers please refer to Hydro's response to PUB-NLH-059 of this proceeding.