

1 Q. **Reference: Response to PUB-NLH-121**

2 Table 1 identifies multiple locations where Protection Relay Replacement will be completed. Will
3 these replacements involve new modern digital multifunction relays with communications
4 capability? If yes, describe any enhancement in the data being provided by these replacement
5 relays and any impact this might have on customer outage response.

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8 A. Yes, these replacements will involve new modern digital multifunction relays with
9 communications capability. These modern relays have event recording capability that captures
10 event data, or data describing the exact power system disturbances that caused the relay to
11 operate. This data can be retrieved from the relay either on site or remotely if the relay is
12 connected to Newfoundland and Labrador Hydro's ("Hydro") operational network via
13 communications. Hydro's Install Intelligent Electronic Device ("IED") Management Software¹
14 project aims to remotely connect Hydro's relays and other IEDs so that technical staff can
15 immediately access event data from any location to expedite troubleshooting efforts and thus
16 outage response.

¹ Approved as part of Hydro's 2026 Capital Budget Application in Board of Commissioners of Public Utilities Order No. P.U. 2(2026).