1	Q.	Reference: Schedule 5 2024 Capital Expenditures Overview, page B-46-47.
2		Hydro states that Replace Transformer T7 - Holyrood is a one-year project (2020) that has
3		extended into 2024 with the variances in overall project expenditures attributed to higher-than-
4		originally estimated transformer transportation costs. In its response to Request for Information
5		NP-NLH-054 of its 2020 Capital Budget Application, Hydro provided a table showing the Project
6		Scope Cost Breakdown to Replace Transformer T7 - Holyrood Terminal Station Project.
7		a) Please provide an updated to that table by adding a column that shows the actual
8		breakdown of project expenditures for comparison with project budget.
9		b) Due to the difficulties experienced in executing this project what lessons were learned
10		from the relocation of Transformer T31 from Churchill Falls to Holyrood?
11		
12		
13	Α.	a) Please refer to Table 1 showing the breakdown of project expenditures and forecast for
14		comparison with the project budget.

ltem	Original Budget Estimate	Expenditures and Forecast to May 31, 2024
Remove and Dispose of Holyrood T7	116.0	394.8
Remove Churchill Falls T31	161.5	250.0
Transportation of T31 to Holyrood	135.0	1,700.0
Refurbish, Install and Commission T31	1,382.2	1,192.2
Complete Protection and Metering Upgrades	270.4	350.0
Complete Commissioning with Holyrood T6 and T8	48.9	50.0
Subtotal	2,114.0	3,937.0
Project Management/Planning/Common Activities ²	185.2	223.3
IDC ³ /Contingency	378.9	290.5
Total Project	2,678.1	4,450.8

Table 1: Project Scope Cost Breakdown to Replace Transformer T7 – Holyrood Terminal Station Project¹ (\$000)

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es (e.g.,

- roads, bridges, ferries, rail, etc.), for better selection and estimating of the preferred route; and
- 8 Critical equipment dimensions and weight should be verified with field measurements • 9 and confirmed to be within transportation route limitations. For the project to replace 10 Holyrood Transformer T7, the manufacturer's as-built drawings were available for the transformer, but they did not accurately show the transformer height for shipment, and 11 the transformer was unable to be accepted on the planned marine ferry. 12

6 7

¹ Engineering judgement was used to categorize the actual expenditures and forecast into the activities listed in this table, as the activities in Hydro's work breakdown structure for this project do not align one-to-one with the item categories in this table.

² Other project activities (not confined to a single project milestone).

³ Interest during construction ("IDC").