

1 Q. **Reference: Volume II, Replace Transformer T7 - Holyrood Terminal Station, Tab 12, page 3,**
2 **lines 13 and 14**

3
4 The use of an available transformer is the least cost option and will expedite the
5 replacement due to the elimination of the extended delivery time
6 (approximately 36 weeks) for a new transformer.
7

8 Using the 36 week delivery suggested, what would have been the likely estimate for the in-
9 service date for a new Holyrood T7 transformer if it were purchased in December 2018?

10 Indicate in the response whether a new transformer, on a 36 week delivery, could have been in
11 service prior to the 2019/2020 winter season.
12

13 A. Table 1 provides a summary of the schedule required for the installation of a new power
14 transformer. The schedule assumes that the project is initiated in December of 2018.

Table 1: Summary of Schedule for Installation of New Power Transformer

Activity		Start Date	End Date	Weeks
Planning	Open Project/Identification of Internal Resources and Recruitment of External Consultants (as necessary) of Project Team/Preliminary Planning and Scheduling of Support Required from Operations	Mid-December 2018	January 2019	3
Design	Conduct Site Visits/Detailed Design	January 2019	February 2019	5
Procurement	Tender for Transformer/Review Tenders/Award Contract	February 2019	April 2019	8
Transformer Delivery	36 Week Delivery	May 2019	December 2020	36
Disposal of Existing Transformer	Removal and Disposal of Existing HRD T7	During the Summer 2020 Construction Season		Prior to delivery of new transformer
Construction/Commissioning	Installation and Commissioning of New Transformer / Protection Upgrades	December 2020	End of January 2020	6
Closeout	As Built Drawings / Project Close Out	February 2020	May 2020	As required

15 As indicated, a new transformer with a 36-week delivery could not have been in service prior to
16 the 2019–2020 winter season.

1 As a replacement power transformer will not be available for the coming winter, Newfoundland
2 and Labrador Hydro (“Hydro”) will ensure reliable operation for customers through the use of
3 operating procedures, as summarized in Hydro’s response to PUB-NLH-020.