

1 Q. **Reference: Schedule 1, 2027 Capital Budget Overview : Terminal Station Asset Management**
2 **Strategy – 2026 Update, Appendix F**

3 For each of the following terminal station asset classes:

- 4 • Instrument transformers
- 5 • Switches
- 6 • Surge arresters
- 7 • Insulators
- 8 • Power transformers
- 9 • Circuit breakers

10 Provide, by year for the period from 2020 to 2025, the number of assets that (i) met Hydro's
11 applicable renewal criteria, (ii) were refurbished or replaced during the year, and (iii) met the
12 applicable renewal criteria but remained in service at year-end.

13
14
15 A. Please refer to PUB-NLH-008, Attachment 1 showing (i) the approximate number of assets that
16 met Newfoundland and Labrador Hydro's ("Hydro") applicable renewal criteria, (ii) the exact
17 number of assets that were refurbished or replaced during the year and (iii) the estimated
18 number of assets that met the applicable renewal criteria but remained in service at year-end
19 for the period 2020 to 2025. For the purpose of this answer, each power transformer
20 component is a single asset. From the data provided, both instrument transformers and
21 disconnect renewal jobs are trending upwards to meet Hydro's renewal eligibility criteria. Also,
22 Hydro's power transformer work is trending down but there are still several jobs remaining
23 eligible. The remaining asset classes are trending down, with low or zero eligibility for 2025.

24 For all asset classes requested in this question, including instrument transformers, disconnects
25 and power transformers, the identification of a job as eligible does not necessarily mean the
26 work scope will be included in the next Capital Budget Application ("CBA"). Following the
27 assessment of eligibility, additional analysis is undertaken to prioritize candidate projects based

1 on factors such as asset criticality, condition, outage requirements, and system constraints. As a
2 result, only a subset of eligible work may ultimately be advanced for inclusion in a CBA.

Table 1: Terminal Station Assets 2020–2025

Asset Class	2020			2021			2022			2023			2024			2025		
	(i)	(ii)	(iii)	(i)	(ii)	(iii)	(i)	(ii)	(iii)	(i)	(ii)	(iii)	(i)	(ii)	(iii)	(i)	(ii)	(iii)
Instrument																		
Transformers	88	9	79	97	11	86	102	6	96	102	8	94	110	15	95	104	4	100
Switches	141	13	128	148	13	135	163	13	150	151	5	146	146	12	134	169	14	155
Surge																		
arresters	12	9	3	4	4	0	0	0	0	3	3	0	0	0	0	3	3	0
Insulators	93	55	38	38	38	0	0	0	0	0	0	0	0	0	0	0	0	0
Power																		
Transformers	314	41	273	339	26	313	297	20	277	261	28	233	211	32	179	153	29	124
Circuit																		
Breakers	52	9	43	52	13	39	40	13	27	37	12	25	28	6	22	26	4	22

Legend:

- (i) The approximate number of assets that met Hydro’s applicable renewal criteria.
- (ii) The exact number of assets that were refurbished or replaced during the year.
- (iii) The estimated number of assets that met the applicable renewal criteria but remained in service at year-end for the period 2020 to 2025.