

1 Q. **Reference: Application, Capital Programs and Projects, Distribution System In-Service Failures,**
2 **Miscellaneous Upgrades and Street Lights (2026), page 2**

3 It is stated *“The program also includes expenditures related to the replacement of existing street*
4 *lights with LED street lights, as Hydro works to complete the retirement of HPS and MV street*
5 *lighting in its system.”*

6 a) How many LED lights were replaced in 2023 and 2024 under the Street Light
7 Modernization program and at what cost in each respective year?

8 b) How many LED will be replaced in 2025 and at what unit cost?

9 c) For 2026, how many LED are expected to be installed and at what unit cost?

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12 A. a) Please refer to Table 1 and Table 2, respectively, for the quantity and cost of High Pressure
13 Sodium (“HPS”) and Mercury Vapour (“MV”) street lights replaced with Light Emitting Diode
14 (“LED”) under the Street Light Modernization program in 2023 and 2024, and forecast for
15 2025 and 2026. Costing information for 2026 is forecast based on historical values, as the
16 existing vendor agreement for LED fixture supply is ending and is being re-tendered in
17 September 2025.

Table 1: Number of HPS and MV Street Lights Replaced with LED per Year

Year	Quantity
2023	1,968
2024	1,217
2025	1,630
2026	699 ¹

¹ Note that the expected quantity of HPS and MV street lights replaced with LED is less in 2026, as Newfoundland and Labrador Hydro anticipates full completion of the street light modernization effort in that year.

Table 2: Average Unit Cost of LED Fixtures

Fixture Wattage (W)	Installed Fixture Unit Cost (\$)			
	2023	2024	2025	2026
100	254.80	254.80	276.60	274.60
150	318.75	318.75	325.30	335.05
250	375.20	375.20	381.70	393.70
400	515.70	515.70	563.20	561.40

- 1 **b)** Please refer to part a) of this response.
- 2 **c)** Please refer to part a) of this response.