

1 Q. **Volume I: 2021-2025 Capital Plan**

2 Appendix A lists all the projects that Hydro has planned for the years 2021-2025.

3 Please list the capital expenditures associated with the Labrador Isolated System and provide  
4 the impact on the Rural Deficit for the years 2021 through to 2025.

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7 A. Newfoundland and Labrador Hydro's ("Hydro") proposed projects on the Labrador Isolated  
8 System are detailed in Table 1.<sup>1</sup>

**Table 1: Labrador Isolated System Project Listing (\$000)**

Project <sup>2</sup>	2021	2022	2023	2024	2025
Upgrade Diesel Planet Ventilation - Nain	690.4	-	-	-	-
Postville Fuel Storage Tanks	532.6	-	-	-	-
Diesel Genset Replacements (2021–2022)	2,560.6	525.0	-	-	-
Paradise River Fuel Storage Tanks	532.6	-	-	-	-
Overhaul Diesel Units (2021) - Various <sup>3</sup>	901.1	-	-	-	-
Diesel Genset Replacements (2022–2023)	-	600.0	5,300.0	-	-
Inspect Fuel Storage Tanks (2022) - Mary's Harbour	-	100.0	-	-	-
Install Fire Protection in Diesel Plants (2022–2023) - Mary's Harbour	-	500.0	1,055.0	-	-
Upgrade Building Exterior - Postville	-	112.0	500.0	-	-
Diesel Genset Replacements (2023–2024)	-	-	700.0	6,000.0	-
Install Fire Protection in Diesel Plants (2023–2024) - St. Lewis	-	-	500.0	1,000.0	-
Automate Diesel Plant - Postville	-	-	-	100.0	995.0
Replace Diesel Gensets (2024–2025)	-	-	-	2,400.0	-
Replace Diesel Gensets (2025–2026)	-	-	-	-	2,771.6
<b>Total</b>	<b>5,217.3</b>	<b>1,837.0</b>	<b>8,055.0</b>	<b>9,500.0</b>	<b>3,766.6</b>

9 The estimated revenue requirement associated with these projects as well as the corresponding  
10 forecast impact on the rural deficit is outlined in Table 2.<sup>4</sup>

<sup>1</sup> Excludes the Charlottetown Diesel Plant Replacement.

<sup>2</sup> Overhaul Diesel Units - Various for the years 2022 through to 2025 are not included in Table 1 as the specific locations are not known at this time.

<sup>3</sup> Locations include Black Tickle, Cartwright, Rigolet, and Hopedale.

<sup>4</sup> Revenue requirement impact analysis excludes any allocation of general non-system specific assets to the Labrador Isolated System. Actual asset allocation will be subject to Hydro's next Cost of Service Study.

**Table 2: Estimated Revenue Requirement Impacts**

<b>Particulars</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>
Revenue Requirement Impact (\$000)	261.6	608.5	1,088.5	1,939.7	2,552.9
Incremental Change in Rural Deficit Impact (%) <sup>5</sup>	0.4	0.5	0.7	1.3	1.0

1 Table 2 indicates the rural deficit would be projected to increase by approximately \$2.6 million  
2 and approximately 4% as a result of the planned capital expenditures over the period 2021 to  
3 2025.

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<sup>5</sup> Incremental change, based on the 2019 Test Year Rural Deficit. The calculation of the rural deficit impact does not consider additional revenues that will result from rate changes over the forecast period as there is material uncertainty in rate projections for this period.