

1 Q. **Reference: Volume I, Section 6.5 and Schedule A-VII, Issue Topic: Rural Deficit**

2 Please provide the energy requirements associated with the fuel and purchased power costs for
3 the Isolated Systems for the years 2019 to the 2027 test year as well as the 2019 test year.

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6 A. Please refer to Table 1 with the energy requirements associated with the fuel and power
7 purchase costs for the Isolated systems for the years 2019 to 2027 Test Year as well as the 2019
8 Test Year.

Table 1: Isolated Systems Power Purchase Agreement Volumes and Diesel Generation (GWh)¹

	2019TY	2019	2020	2021	2022	2023	2024	2025	2026F	2027TY
Diesel Generation	54.7	51.2	46.9	45.7	48.4	56.0	50.3	54.9	51.6	52.1
Power Purchase Agreements (PPAs)										
L'Anse-au-Loup (Hydro) ²	25.5	24.0	25.0	25.0	25.1	18.1	23.0	22.3	25.4 ³	25.6
Ramea Wind	0.7	0.3	0.4	0.3	0.4	0.3	0.2	-	0.6	0.6
Mary's Harbour (Hydro + Solar)	-	0.2	0.6	0.7	0.7	0.9	1.0	0.9	0.8	0.8
Other Solar PPAs	-	-	-	-	-	0.1	0.1	0.2	0	-
Subtotal Non-Emitting PPAs	26.2	24.5	26.0	26.0	26.2	19.4	24.3	23.4	26.8	27.0
Grand Total	80.8	75.7	72.9	71.7	74.6	75.3	74.3	78.3	78.4	79.2

9 As noted in Table 1, for the 2027 Test Year, Isolated systems are forecast to be supplied by
10 approximately 52 GWh (66%) from Newfoundland and Labrador Hydro's firm diesel generation,
11 and 27 GWh (34%) from non-emitting PPAs.

¹ Numbers may not add due to rounding.

² Purchased from Hydro-Québec's Lac Robertson Hydroelectric Facility.

³ Due to unavailability of purchases from Hydro-Québec's Lac Robertson Hydroelectric Facility, actuals may come in below forecast for 2026.