

Q. **Reference: Volume I, Section 4, Issue Topic: Operational Plans for the Muskrat Falls Assets**

Please provide a table showing the total output in GWh and MW of the Muskrat Falls plant for 2024 to 2027 test year. Breakdown each amount by block. In the table, please also show what amounts in GWh and MW were used, or are forecast to be used, to serve Newfoundland Power and its customers and what other amounts in GWh and MW are exported or otherwise used to the benefit of Newfoundland Power and its customers.

A. Total output in GWh and MW of the Muskrat Falls Plant for 2024–2027 is presented in Table 1 and Table 2, respectively.

Table 1: Output and Use of Muskrat Falls Energy (GWh)^{1,2}

	Actual 2024	Actual 2025	Forecast 2026	Test Year 2027
Energy Produced				
Generated Muskrat Falls Energy	4,501	3,992	4,534	4,504
Generated Energy Distribution				
PPA ³ Energy to Hydro ⁴	751	1,145	1,268	1,212
Use in Labrador ⁵	588	256	294	524
Nova Scotia Block	1,517	1,251	1,134	986
Muskrat Falls Residual Block	498	807	1,837	1,782
Muskrat Falls Produced for CF WMA ⁶	1,148	532	-	-
Total Distributed Energy	4,501	3,992	4,534	4,504

¹ Impact of losses is excluded.

² Numbers may not add due to rounding.

³ Power Purchase Agreement ("PPA").

⁴ Newfoundland and Labrador Hydro ("Hydro").

⁵ Represents energy delivered to Hydro under the PPA for Labrador Residual Block Use to service Labrador Interconnected, Rural and Industrial customer load. The Use of Muskrat Falls Residual Block to service customers in Labrador allows Hydro to export additional Recapture Energy to the benefit of Island Interconnected Customers while keeping Labrador Interconnected Customers held whole.

⁶ Energy produced by Muskrat Falls Plant for Churchill Falls (Labrador) Corporation Limited under the Water Management Agreement (banked water) ("CF WMA").

Table 2: Output and Use of Muskrat Falls Energy (MW)^{7,8}

Energy Produced	Actual 2024	Actual 2025	Forecast 2026	Test Year 2027
Generated Muskrat Falls Energy	512	456	518	514
Generated Energy Distribution	Actual 2024	Actual 2025	Forecast 2026	Test Year 2027
PPA Energy to Hydro	85	131	145	138
Use in Labrador	67	29	34	60
Nova Scotia Block	173	143	129	113
Muskrat Falls Residual Block	57	92	210	203
Muskrat Falls produced for CF WMA ²	131	61	-	-
Total Distributed Energy	512	456	518	514

1 The energy used to serve Newfoundland Power Inc. (“Newfoundland Power”) and its customers
2 is included in the line item “PPA Energy to Hydro” as this is the energy that is delivered to
3 Soldier’s Pond on the Island to serve Hydro customers to meet Island demand. Hydro is not able
4 to further allocate this energy as specifically used to serve Newfoundland Power and its
5 customers.

6 The GWh and MW presented are based on the forecasted amount of energy that Hydro is
7 expected to use and not the maximum available. Hydro has access to all energy delivered to the
8 Island less the Nova Scotia Block deliveries.

⁷ MW are calculated as GWh/total annual hours x 1000 and reflects average capacity. Annual hours are 8,760 except 8,784 for the 2024 leap year. Impact of losses is excluded.

⁸ Numbers may not add due to rounding.