

1 Q. **Reference: Response to Request for Information NP-NLH-010.**

2 Please update the response to Request for Information NP-NLH-010 to include Hydro's updated  
3 alternatives. In the update to Attachment 1 of NP-NLH-010 please show data in the Recovery of  
4 Incremental Revenue Requirement table without comparison to the chosen alternative.

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7 A. Please refer to NP-NLH-063, Attachment 1 for an update to Newfoundland and Labrador Hydro's  
8 ("Hydro") response to NP-NLH-010 of this proceeding to include Hydro's updated alternatives  
9 and the recovery of revenue requirement without comparison to the chosen alternative.

Revenue Requirement for Alternatives (\$ Millions) <sup>1</sup>						
IRP Scenario <sup>2</sup>	Description	2030	2035	2040	2045	2050
A	Mobiles with Enclosure	12.0	14.6	16.8	18.5	19.8
B	New CHT Diesel Plant	12.7	14.9	17.0	18.6	19.9
C	Full Interconnection (N-1)	13.2	13.1	13.4	13.8	14.0
D	Full Interconnection - Deferred Regional Plant	14.0	13.5	13.9	13.8	14.0
E	Full Interconnection - No Regional Plant	12.8	14.6	16.1	17.2	17.8
F1	Phased Interconnection (Midgard F(i))	13.4	13.3	13.9	14.3	15.6
F2	Phased Interconnection (Midgard F(ii))	13.2	13.7	14.2	14.6	15.6
F3	Phased Interconnection (Midgard F(iii))	13.6	13.3	14.1	14.4	14.7
G	Full Interconnection - Hydro Plant (Assumes 2028 Start)	11.9	20.8	20.1	19.4	18.7
H	Interconnection with LIS (Assumes 2028 Start)	11.9	36.7	34.0	31.3	28.5

Recovery of Revenue Requirement (\$ Millions)						
		2030	2035	2040	2045	2050
<b>Scenario A</b>						
Labrador Isolated <sup>3</sup>		2.88	3.50	4.03	4.44	4.75
Newfoundland Power <sup>4</sup>		8.76	10.66	12.27	13.51	14.46
Labrador Interconnected <sup>4</sup>		0.36	0.43	0.50	0.55	0.59
		12.00	14.60	16.80	18.50	19.80
<b>Scenario B</b>						
Labrador Isolated <sup>3</sup>		3.05	3.58	4.08	4.46	4.78
Newfoundland Power <sup>4</sup>		9.28	10.88	12.42	13.58	14.53
Labrador Interconnected <sup>4</sup>		0.38	0.44	0.50	0.55	0.59
		12.70	14.90	17.00	18.60	19.90
<b>Scenario C</b>						
Labrador Isolated <sup>3</sup>		3.17	3.14	3.22	3.31	3.36
Newfoundland Power <sup>4</sup>		9.64	9.57	9.79	10.08	10.23
Labrador Interconnected <sup>4</sup>		0.39	0.39	0.40	0.41	0.41
		13.20	13.10	13.40	13.80	14.00
<b>Scenario D</b>						
Labrador Isolated <sup>3</sup>		3.36	3.24	3.34	3.31	3.36
Newfoundland Power <sup>4</sup>		10.23	9.86	10.15	10.08	10.23
Labrador Interconnected <sup>4</sup>		0.41	0.40	0.41	0.41	0.41
		14.00	13.50	13.90	13.80	14.00
<b>Scenario E</b>						
Labrador Isolated <sup>3</sup>		3.07	3.50	3.86	4.13	4.27
Newfoundland Power <sup>4</sup>		9.35	10.66	11.76	12.56	13.00
Labrador Interconnected <sup>4</sup>		0.38	0.43	0.48	0.51	0.53
		12.80	14.60	16.10	17.20	17.80
<b>Scenario F1</b>						
Labrador Isolated <sup>3</sup>		3.22	3.19	3.34	3.43	3.74
Newfoundland Power <sup>4</sup>		9.79	9.71	10.15	10.44	11.39
Labrador Interconnected <sup>4</sup>		0.40	0.39	0.41	0.42	0.46
		13.40	13.30	13.90	14.30	15.60
<b>Scenario F2</b>						
Labrador Isolated <sup>3</sup>		3.17	3.29	3.41	3.50	3.74
Newfoundland Power <sup>4</sup>		9.64	10.01	10.37	10.66	11.39
Labrador Interconnected <sup>4</sup>		0.39	0.41	0.42	0.43	0.46
		13.20	13.70	14.20	14.60	15.60
<b>Scenario F3</b>						
Labrador Isolated <sup>3</sup>		3.26	3.19	3.38	3.46	3.53
Newfoundland Power <sup>4</sup>		9.93	9.71	10.30	10.52	10.74
Labrador Interconnected <sup>4</sup>		0.40	0.39	0.42	0.43	0.44
		13.60	13.30	14.10	14.40	14.70
<b>Scenario G</b>						
Labrador Isolated <sup>3</sup>		2.86	4.99	4.82	4.66	4.49
Newfoundland Power <sup>4</sup>		8.69	15.19	14.68	14.17	13.66
Labrador Interconnected <sup>4</sup>		0.35	0.62	0.60	0.58	0.55
		11.90	20.80	20.10	19.40	18.70
<b>Scenario H</b>						
Labrador Isolated <sup>3</sup>		2.86	8.81	8.16	7.51	6.84
Newfoundland Power <sup>4</sup>		8.69	26.80	24.83	22.86	20.82
Labrador Interconnected <sup>4</sup>		0.35	1.09	1.01	0.93	0.84
		11.90	36.70	34.00	31.30	28.50

<sup>1</sup> The estimated revenue requirement impact is based on Midgard Consulting Inc.'s ("Midgard") "Southern Labrador Communities - Integrated Resource Plan" ("Midgard IRP"); filed as "Long-Term Supply for Southern Labrador – Phase 1 – Midgard Consulting Inc. Report," Newfoundland and Labrador Hydro, March 31, 2023, att. 1. The Midgard costs are used as a consistent basis to compare revenue requirements over the alternatives and may differ from the most recent project cost estimates.

<sup>2</sup> Additional information on the IRP Scenarios is contained in the Midgard IRP, pp. 71–74.

<sup>3</sup> Assumes the average revenue to cost ratio for customers on the Labrador Isolated System in the 2019 Test Year is 24%, which represents their portion of costs recovered through rates. This portion was not included in the response to NP-NLH-010 of this proceeding.

<sup>4</sup> Allocated to Newfoundland Power Inc. and Labrador Interconnected customers in the same proportion which the Rural Deficit was allocated in the 2019 Cost of Service Study, which is 96.1% and 3.9%, respectively.