

- 1 Q. Reference: Network Addition Policy, page 8 (pdf), Re: Labrador Expansion Study, p. 38
 2 (pdf)
 3 Citation 1 (Network Addition Policy)

Table 1
 Derivation of Expansion Costs per kW

| Region | Capacity kW | Description | 2019 Capital Investment (\$000) | Direct Investment \$ per kW |
|------------------|----------------|--|---------------------------------------|-----------------------------------|
| Labrador East | 21,000 | Transformer Upgrades at HV-GB | 5,000 | 238 |
| | 37,000 | Transformer Upgrades at HV-GB and MF Terminal Station | 15,000 | 405 |
| | 100,000 | Construct second line from MF to HV-GB | 50,000 | 500 |
| Labrador West | 33,000 | Wabush TS Upgrades and 230 kV uprating | 16,500 | 500 |
| Sub-Total | 191,000 | | 86,500 | 453 |
| | | O&M ⁹ | | 12 |
| Total | | | | 465 |

- 4 Citation 2 (Expansion Study):

Table 10: Labrador East – Proposed Future Phases

| Phase | Load Trigger (MW) ³⁰ | Project Description | Cost Estimate (\$ million) ³¹ |
|-------|------------------------------------|---|--|
| 1 | >77 | MF to HVY Interconnection | 20 |
| 2 | >104 | Transformation Upgrade at HVYTS ³² | 5 |
| 3 | >125 | Transformation Upgrade at HVYTS and MFATS ³³ | 15 |
| 4 | >162 | Construction of Second Line from MF to HVY | 50 |

- 5 a) Please confirm that the three expansion projects identified for Labrador East in the
 6 Network Addition Policy are identical to the projects identified as Phase 2, 3 and 4 in the
 7 table from the Transmission Expansion Study;
 8
 9 b) Please explain why the Phase 1 project from the Transmission Expansion Study (the MF
 10 to HVY Interconnection) was not included in the derivation of expansion costs in the
 11 Network Addition Policy, even though it is identified as a future project in the Transmission

1 Expansion Study (sections 5.1.2, 6.1.1 and 7.1) and has not to date been approved by the
2 PUB.

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5 A. a) It is confirmed. Please refer to Newfoundland and Labrador Hydro's response to LAB-
6 NLH-059 Part a).

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8 b) Please refer to Newfoundland and Labrador Hydro's response to LAB-NLH-059 Part b).