

1 Q. Starting in 2050 the current supply profile shows energy supply from Labrador (up  
2 to an average of 5,389 GWh) in excess of what is available on a FIRM basis from  
3 Muskrat Falls (4,506 MWh) and average basis (4,873 MWh). Please provide the  
4 energy supplied by Churchill Falls on an average and FIRM basis over time. Please  
5 explain the justification for merging the unit cost from energy outside of that  
6 supplied directly from Muskrat Falls.

7  
8  
9 A. The firm production of Churchill Falls is 31.4 TWh and the average production is  
10 34.5 TWh.<sup>1</sup>

11  
12 As of 2057, the energy requirements on the Island begin to exceed the total  
13 average annual production of Muskrat Falls as per the Strategist generation  
14 expansion analysis. At this point, incremental power purchase requirements have  
15 been assumed to be sourced from the Churchill Falls plant and delivered to the  
16 Island utilizing available capacity on the Labrador Island Transmission Link. The  
17 amount and price of incremental supply sourced from the Churchill Falls plant have  
18 been provided in MHI-Nalcor-49.2 and PUB-Nalcor-92 Rev. 1.

19  
20 Given the available energy supply with the expiry of the Hydro Quebec power  
21 contract in 2041 and the modest energy requirements to be met, Nalcor believed it  
22 to be appropriate to include supply from Churchill Falls in the latter part of the  
23 study.

---

<sup>1</sup> Confidential Exhibit CE-28 (Public), page 10