

1 Q. Consumer Question: How does the PME % compare to other hydro-electric
2 projects of similar size.

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5 A. Nalcor's DG2 capital cost estimates, including those for project management and
6 engineering have been provided to the Board and its Consultant. Nalcor does not
7 have access to contract information from other projects in order to assess PME
8 expenditures on those projects.

1 Q. Consumer Question: Considering the EPCM contract has been awarded how to the
2 PME rates compared to those included within the original estimates? What is the
3 impact on the estimates used in the CPW analysis?

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6 A. All cost estimates, including the cost of EPCM services and major cost components,
7 will be updated as part of Nalcor's DG3 analysis later this year. At that time, the
8 impact on CPW will be assessed.

- 1 Q. Consumer Question: The EPCM procurement website has indicated that there are a
2 number of major packages which proposals have been received, but award is not
3 completed (presumably pending project sanction). Has there been any noticeable
4 cost growth in the total project estimate since the CPW analysis completed in the
5 November 10th submission has been completed.
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8 A. Please refer to Nalcor's response to CA/KPL-Nalcor-172.

1 Q. Consumer Question: NALCOR are requested to provide examples of other subsea
2 cable projects where HDD methods have been used on both ends.

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5 A. Following are examples of submarine cable projects where horizontal directional
6 drilling (HDD) has been incorporated in their designs:

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8 1. Trans Bay California, USA

9 2. NorNed Norway to Netherlands

10 3. Cross Sound Connecticut to Long Island, USA

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12 Several planned/ongoing projects, including the East-West Interconnector, Borwin
13 2, Helwin 1 and 2, Dolwin 1, Sylwin 1, and Alpha Ventus, have incorporated HDD
14 into their designs.

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16 Please note that the use of HDD methods at both ends of the cable crossing does
17 not imply increased installation challenges, as the cable is typically pulled in from
18 the cable ship offshore as in a standard landfall or beach pull.

1 Q. Consumer Question: Has a full analysis of EMERA power requirements been
2 completed in Strategist. What additional capacity requirements are required for
3 the interconnected scenario in the winter months? Has this been completed on an
4 hourly basis over the full period of 2017 – 2067.

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7 A. The analysis requested does not assist consideration of the Reference Question, as
8 neither the Terms of Reference nor the Reference Question address export sales to
9 Emera.

1 Q. Consumer Question: With the EMERA cable, and considering the current planned
2 generation, what is the LOLH for the following years 2017, 2024, 2030, 2035.

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5 A. The requested information does not assist consideration of the Reference Question,
6 as neither the Terms of Reference nor the Reference Question addresses matters
7 related to generation LOLH with the Emera cable.

1 Q. Consumer Question: NALCOR requested to provide a monthly profile for MF
2 generation, Island Consumption and potential export sales in the interconnected
3 island option. This shall be for 2035 when there is a deficiency anticipated per the
4 980 GWhr commitment to Emera.

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7 A. The information requested does not assist consideration of the Reference Question,
8 as neither the Terms of Reference nor the Reference Question addresses matters
9 related to export sales.

1 Q. Consumer Question: What would be a realistic price for surplus energy considering
2 that it is to be sold primarily in off peak times. The GWAC contract has a very
3 pronounced difference in peak and non-peak rates in the winter (Peak = 22.8
4 \$/MW-hr versus Non-Peak = 6.7\$ \$/MW-hr). Is this considered representative?

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7 A. The information requested does not assist consideration of the Reference Question,
8 as neither the Terms of Reference nor the Reference Question addresses matters
9 related to export sales.

1 Q. Consumer Question: Based on market rates in the final selling point, what would be
2 the kw-hr value to the NL rate payer considering the transmission, tariffs and other
3 charges which must be taken off the top.

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6 A. The information requested does not assist consideration of the Reference Question,
7 as neither the Terms of Reference nor the Reference Question addresses matters
8 related to export sales.

1 Q. Consumer Question: Does the predicted potential energy sales (largely in summer)
2 have a higher CPW than the additional fuel and infrastructure costs required to
3 meet the winter period demands required if the EMERA deal proceeds. Is there a
4 clear commercial advantage to partnering with EMERA based on the current
5 demand projections, or is it purely a form of risk mitigation if the demand profile
6 does not materialize.

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9 A. The information requested does not assist consideration of the Reference Question,
10 as neither the Terms of Reference nor the Reference Question addresses matters
11 related to export sales.