

1 Q. **Reference: Application, Attachment 1, Page 9, Lines 2 - 11**

2 On Page 9 at Lines 2 - 11, Hydro states:

3 To ensure environmental requirements are satisfied, the following are some of
4 the mandatory activities that Hydro would have to perform for both hydro
5 developments:

- 6 • Phase 1: aquatic and terrestrial field studies, public and agency
7 consultation, impact statement, mitigation measures, assessment of
8 residual effects, environmental management plan;
- 9 • Phase 2: environmental assessment report preparation, issue draft
10 report for submission to agency for approval, and final report, with
11 input from public consultation;
- 12 • Publishing Notice of Completion (once Environmental Assessment
13 approved) separately for each site implemented; and
- 14 • Provincial and federal approvals (permitting process)."

15 Are there similar environmental requirements for the development of regional diesel generating
16 station? If yes, please provide a similar list for mandatory activities that Hydro would have to
17 perform for the development of a regional diesel generating station and all associated costs
18 built into the cost estimate. If not, why not?

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21 A. Development of a regional diesel generating station has regulatory requirements under the
22 Environmental Assessment Regulations, as section 34(e) includes "diesel electric power
23 generating plants with a capacity of more than one megawatt."

24 The consultation and assessment of effects which are required as part of the Environmental
25 Assessment process are similar; however, given that the scope of a regional diesel generating
26 station is considerably different than that of a hydroelectric generating station, the types of
27 anticipated impacts and required mitigation are quite different. It is anticipated that the
28 regional diesel generating station would be released from Environmental Assessment without
29 requiring an Environmental Impact Statement. The scope of field studies for a diesel generating

1 station would be focused on a more defined site than a river system and would likely include
2 terrestrial evaluation for presence of specific flora and fauna, historic resource assessment, and
3 dispersion modelling of atmospheric emissions. Operation of the regional diesel generating
4 station will require a Certificate of Approval from the Government of Newfoundland and
5 Labrador, along with registration of the bulk fuel and waste oil handling systems. Environmental
6 Assessment and consultant studies for flora/fauna, historic resources and dispersion modelling
7 would likely cost in the order of \$150,000 to \$175,000.