

1 Q. **Reference: Page 12 (p. 24 pdf)**

2 Citation:

3 The new diesel generating station will be constructed on land adjacent to the
4 existing station in Port Hope Simpson that is owned by Hydro.

5 Citation 2 (p. 60 pdf):

6 Specific details on the design of the regional diesel generating station in Port
7 Hope Simpson are as follows:

8 The construction of an 8,800 ft² steel building enclosure with a concrete
9 foundation and would be equipped with the necessary ventilation, lighting, and
10 fire suppression systems. The building would consist of a bathroom, lunchroom,
11 office, electrical room, control room, battery room, workshop, and an area
12 allocated for a fire suppression system. There would be a requirement for the
13 purchase of land and the necessary site work including fencing.

14 Citation 3 (p. 61 pdf):

15 Specific details on the design of the 25 kV interconnection are as follows:

16 ...

17 A 3 kilometre line between the new regional diesel generating station in Port
18 Hope Simpson and the Port Hope Simpson distribution system. The new line
19 would be comprised of 477 ASC conductors.

- 20 a. Please reconcile the statements in citations 1 and 2 concerning the ownership of the land
21 where the new generating station would be built in Port Hope Simpson. Is it owned by
22 Hydro, or would it have to be purchased?
- 23 b. Please explain why a 3-kilometre line is needed to connect to the PHS distribution system, if
24 the new generating station is constructed on land adjacent to the existing station.

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- 27 A. a. The land where the new diesel generating station will be constructed is owned by
28 Newfoundland and Labrador Hydro. The statement in citation 2 regarding the purchase of
29 the land is incorrect.

- 1 b. The proposed site for the regional diesel plant would not be in the exact same location as
2 the existing Port Hope Simpson diesel plant. Therefore, it is a requirement that a short
3 distribution line be constructed connecting the proposed plant to the existing distribution
4 system. During the preliminary design phase, the assumption used was that the maximum
5 distance from the existing distribution system to the proposed regional plant site would be
6 no more than three kilometers. While it is likely that the required length of distribution line
7 will be less than three kilometers, the exact length of this distribution line will be
8 determined during the detailed design phase of the project.