

1 Q. **Asset Management**

2 Describe how equipment condition assessments are conducted for transmission,
3 terminal station, substation and distribution line equipment. Include in the
4 response who participates in the assessments, examples of types of inspections and
5 tests, and reliability data, used for the assessments and whether these assessments
6 form the basis for both Operations and Maintenance (O&M) maintenance work and
7 capital improvement projects.

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10 A. Hydro assesses the condition of its transmission, terminal station, substation and
11 distribution line assets by a combination of:

- 12 a. Preventive maintenance (PM) inspection and testing;
13 b. Wood pole line management (WPLM); and
14 c. Outside consultants.

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16 All preventive maintenance work orders are reviewed and approved by the Front
17 Line Supervisor and further reviewed by Long Term Asset Planning (LTAP) to analyze
18 trends, test results (such as Doble) and help build long term capital plans. Any
19 deficiencies found during PM inspections are documented and addressed using
20 corrective work orders and are scheduled on a priority basis (refer to Hydro's
21 response to PUB-NLH-083).

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23 WPLM inspection and test results are reviewed by LTAP and Project Execution and
24 Technical Services and deficiencies are prioritized and addressed in the WPLM
25 refurbishment plans on a priority basis. Refurbishment work for future years is
26 included in annual work plans.

1 Hydro's LTAP groups also utilize outside consultants to further assess assets based
2 on such items as test results, asset failure trends, asset age and industry
3 experience. An example is the current assessment being carried out on 30 of
4 Hydro's power transformers.