

1 Q. Please explain how and on what basis Hydro determined to defer 6-year  
2 maintenance work on some terminal station transformers and air blast circuit  
3 breakers. In the response include how specifically Hydro identified those  
4 transformers and air blast circuit breakers whose maintenance was to be deferred,  
5 the number of months of deferral and the basis for determining that amount for  
6 deferral of maintenance on each transformer and air blast circuit breaker for which  
7 maintenance was deferred.

8  
9  
10 A. Prior to 2010, Hydro determined its six-year maintenance routines on some  
11 terminal station transformers and air blast circuit breakers were behind and  
12 initiated a plan to get them all back on a six-year cycle by the end of 2015. The plan  
13 was to complete the six-year maintenance routine each year for 1/6 of the total air  
14 blast circuit breakers and transformers. The actual units selected to be completed  
15 in a given year were selected in the first quarter of the maintenance year, based on  
16 the most overdue air blast breakers and the transformers directly associated with  
17 generation being the highest priority, and the next priority given to overdue air  
18 blast circuit breakers and transformers associated with transmission.

19  
20 Consideration was also given to: (a) coordination of outage schedules with other  
21 known generation and transmission outages; (b) coordination with other planned  
22 work such as an overhaul on a circuit breaker, a bushing replacement on a power  
23 transformer or a known condition on an air blast breaker or transformer; and (c)  
24 minimizing customer outage impacts for a given year. This process of selection was  
25 an annual process<sup>1</sup> completed by the Short Term Planning and Scheduling Group in  
26 consultation with Work Execution and Long Term Asset Planning. Hydro deferred

---

<sup>1</sup> The decisions for continued deferral were reevaluated every year based on the criteria noted above.

1       some six-year maintenance on air blast circuit breakers and power transformers in  
2       order to ensure resources were deployed on the most critical work for customer  
3       supply. In particular, Hydro deferred this maintenance where it was necessary to  
4       address unplanned corrective maintenance work due to either: (a) equipment  
5       breakdown or issues identified from equipment testing and inspections; or (b)  
6       addressing unplanned capital work (arising from equipment failure or a  
7       requirement for greater resourcing than originally anticipated for a capital project).