

1 Q. Please provide by voltage, the numbers of air blast circuit breakers overdue for
2 6-year maintenance at the end of each year 2007 through 2013.

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5 A. Please see the table below.

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Year	2007	2008	2009	2010	2011	2012	2013 ¹
230kV	17	19	13	11	14	15	18
138kV	4	3	6	6	6	5	3

¹ In PR-PUB-NLH-052, Hydro noted that preventive maintenance can be deferred due to higher priority corrective maintenance and capital work. The decision to defer involves personnel with responsibility for short-term planning and scheduling, long-term asset planning and work execution and operations. Hydro was faced with a significant amount of priority break in corrective maintenance and capital work in 2013 and as a result more preventive maintenance of a lesser priority was deferred into 2014 and 2015.

7 In a meeting with Liberty on May 29, 2015, there was a discussion regarding the
8 potential connection of the deferred maintenance and the equipment failures
9 experienced on January 4, 2014. Hydro's investigation, which involved third party
10 expertise, did not determine that the deferred maintenance resulted in the
11 equipment failures. In particular, the breakers involved in the transformer damage
12 were examined and no cause for the misoperation was determined. Both breakers
13 had been operated successfully prior to the events.¹ Furthermore, the breaker in
14 Western Avalon operated successfully following the event. The Sunnyside breaker
15 was closely examined with no problems found. Despite extensive review, there has
16 been no link found between the deferred maintenance and equipment failures
17 experienced on January 4, 2014.

¹ See *Report to the Board of Commissioners of Public Utilities Regarding Work to be Performed on Air Blast Circuit Breakers*, June 2, 2014, Page 4, lines 11 to 13.