

- 1 Q. Re: Upgrade Circuit Breakers Volume II (Tab 15)
2 If the theory is that overhauling the air blast breakers will extend the life of the unit
3 for approximately 15 years, which will allow a useful life for the breaker to Hydro
4 for a period of 50 to 55 years, and Hydro's plan is to replace the air blast breakers
5 with the age of same being between 50 to 55 years (3.8 of the recommendations,
6 page 11), why at Appendix A and specifically page A2 are the majority of
7 replacements for the said breakers below 50 years and none above the age of 50?
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- 10 A. The breakers outlined on page A2 for replacement prior to the age of 50 years are
11 either being replaced for breaker condition reasons or to help balance financial,
12 human resources and impacts to the power system in any given year. Breaker
13 L03L06 at Sunnyside Terminal Station is being replaced due to poor air receiver
14 condition. A strategic decision was made to replace the air blast circuit breakers at
15 Hardwoods (B1L36 in 2012 and B1L01 in 2013) to provide the necessary parts to
16 begin the planned Asea Brown Boveri type DLF overhaul program scheduled to start
17 in 2013 and then to eliminate the need for a compressed air system at Hardwoods
18 in 2013 with the replacement of breaker B1L01. The remaining breakers identified
19 on page A2 have already had previous overhauls completed and were strategically
20 placed slightly ahead of the 50 year target to allow a levelized approach. In looking
21 further at the breakers outlined on pages A3, A4 and A5, all remaining breakers are
22 being replaced after the age of 50 years.