

1 Q. Re: 2013 Capital Projects 500,000 and Over: p. C-56 Overhaul Diesel Units (Various
2 Sites):

3 Has Hydro taken any further studies or reviews since 2003 to determine if it can
4 further extend the overhaul period?

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7 A. No, Hydro has not undertaken any further studies since 2003 to determine if it can
8 further extend the overhaul period. However, a review of the history of engine
9 failures since 2003 is kept and this history suggests that the overhaul period should
10 not be extended beyond 20,000 hours. Twenty-four engine failures have occurred
11 since the beginning of 2004 of which six of them (25 percent) occurred when the
12 operating hours since last overhaul were greater than 20,000 (ranging between
13 20,700 hours and 23,500 hours). Only two of them (eight percent) occurred when
14 the operating hours since last overhaul were between 15,000 hours and 20,000
15 hours. All other failures have occurred at less than 15,000 hours. Notably five of the
16 total 24 failures have occurred thus far in 2012. Of the five failures in 2012, all
17 except one occurred at less than 15,000 hours. Hydro is currently reviewing this
18 significant trend in recent failures in an effort to help minimize such failures in the
19 future.