

1    Q.    Please provide the number of air-blast circuit breakers which have been replaced to  
2        date, by voltage level, with SF6 circuit breakers. Describe the current plans for  
3        replacing air-blast circuit breakers in the future.

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6    A.    To date, Hydro has replaced two 230 kV air-blast circuit breakers with SF6 circuit  
7        breakers. Sunnyside breaker L03L06 was replaced in 2012 and Hardwoods breaker  
8        B1L36 was replaced in 2013.

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10      The current plan for replacing air-blast circuit breakers is outlined in PUB-NLH-098  
11        Attachment 1. This plan is currently under review by Hydro to determine if changes  
12        are required as a result of the events of January 4 and 5, 2014.



AIR-BLAST CIRCUIT BREAKER REPLACEMENT PLAN								
LOCATION	NLH ID	TYPE	MODEL	YEAR BUILT	VOLTAGE (kV)	AGE	OVERHAUL YEAR	REPLACEMENT YEAR
BUCTS	B1L05	Air Blast	DLF 245 nc2	1973	230	40	2014	2027
BUC TS	B1L28	Air Blast	DLF 245 nc2	1975	230	38	2014	2028
WAV TS	B1B3	Air Blast	DLF 245 nc4	1977	230	36	2014	2031
SSD TS	B2T1	Air Blast	DCF 170 mc4	1969	138	44	-	2015
STB TS	B3L22	Air Blast	DCF 170 mc4	1967	138	46	2014	2021
SSD TS	B3T4	Air Blast	DCF 170 mc4	1966	138	47	2012	2022
STB TS	B3L130	Air Blast	DCF 170 mc4	1968	138	45	2012	2022
STB TS	B3T2	Air Blast	DCF 170 mc4	1969	138	44	2012	2023
SSD TS	B2L12	Air Blast	DCF 170 mc4	1966	138	47	2014	2023
SSD TS	L19L100	Air Blast	DCF 170 mc4	1966	138	47	2014	2023
SSD TS	L109T4	Air Blast	DCF 170 mc4	1968	138	45	2015	2023
SSD TS	L100L109	Air Blast	DCF 170 mc4	1968	138	45	2015	2024
STB TS	B3L133	Air Blast	DCF 170 mc4	1969	138	44	2015	2024
STB TS	B3T1	Air Blast	DCF 170 mc4	1969	138	44	2016	2025
STB TS	B3L10	Air Blast	DLF 145 nc2	1977	138	36	2015	2031