

- 1 Q. [Account 002 - Diesel Systems & Engines] - Please provide a separate listing of each
2 diesel unit identifying the following:
- 3 a. The name of the unit;
 - 4 b. The year installed;
 - 5 c. The kilowatt size of each unit;
 - 6 d. The operating speed of each unit;
 - 7 e. The vendor;
 - 8 f. Any manufacturers' documentation associated with life expectancy for such
9 units if properly maintained and the recommended overhaul schedule;
 - 10 g. Whether relocated, and if relocated when initially installed and when
11 relocated;
 - 12 h. The number of hours of operation as of the end of 2009 and as of the end of
13 2011 ;
 - 14 i. The number of hours and corresponding date at which each prior overhaul
15 occurred format.

16 The information should be provided on electronic medium in Excel readable.

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- 19 A. (a.) to (h.) Please see CA-NLH-175 Attachment 1. With regard to (f), please note
20 that manufacturers of this equipment do not provide life expectancy estimates.
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- 22 (i) As can be seen in the attached information, Hydro's generating units have
23 been purchased over a period dating back as far as 1971. It would be
24 onerous for Hydro to provide the number of hours and corresponding date
25 at which each prior overhaul occurred, as requested, since this information
26 is neither electronically nor centrally maintained for this timeframe. In
27 Hydro's view, this information is not required to gain an understanding of

- 1 the issues in this proceeding. In response to this request, Hydro has
- 2 provided the year and hours pertaining to the last overhaul.

TRO NORTH DIESEL UNITS

Location (Item #)	Unit Number	Model (a)	Purchase Year (b)	Connected KW (c)	Firm KW (c)	Prime KW (c)	Operating Speed (RPM) (d)	Mfg (e)	MFG Recommended Overhaul Schedule (f)	MFG Life Expectancy (f)	Comments if Relocated (From/Date) (g)	Engine Hours effective Dec 31,2009 (h)	Engine Hours effective Dec 31,2011 (h)	Year of Last Overhaul (i)	Hours at Last Overhaul (i)	General Comments
Charlottetown (59019)	2087	CAT D-3412	1994	3239	2329(Includes mobile 2061 and 2088)	545	1800	Caterpillar	See Note 1	See Note 2	See note 3	n/a	4,578	n/a	0	
	2088	CAT D-3412	2000			910	1800	Caterpillar	See Note 1	See Note 2	See note 3	n/a	924	n/a	0	
	2079	CAT D-3412	2006			759	1800	Caterpillar	See Note 1	See Note 2	See note 3	21,224	33,608	2010	23,371	
	2034	CAT D-3412	1994			300	1200	Caterpillar	See Note 1	See Note 2	See note 3	81,085	85,230	2008	72,230	
	2061	CAT D-3412	2000			725	1800	Caterpillar	See Note 1	See Note 2	See note 3	31,406	37,833	2007	22,854	
L'Anse Au Loup (59388)	2041	CAT D-3512	1971	5925 Including mobile 2082	4100 Including mobile 2082	1000	1800	Caterpillar	See Note 1	See Note 2	Recocated from Nain in 2005	23,172	23,902	2005	21,074	
	2012	CAT 3516	1984			1100	1800	Caterpillar	See Note 1	See Note 2	See note 3	74,364	75,145	2001	69,081	
	2005	CAT D-3512	1988			800	1800	Caterpillar	See Note 1	See Note 2	Relocated from Pond Cove in 1998	53,574	54,102	1994	46,320	
	246	CAT D-398	1975			600	1800	Caterpillar	See Note 1	See Note 2	See note 3	101,338	102,200	1994	87,681	
	247	CAT D-398	1975			600	1800	Caterpillar	See Note 1	See Note 2	See note 3	86,095	86,435	1996	83,038	
	2082	CAT D-3516	2006			1825	1800	Caterpillar	See Note 1	See Note 2	See note 3	1,650	3,317	n/a	0	
Mary's Harbour (59327)	2037	CAT 3412	1993	1910	1090	545	1800	Caterpillar	See Note 1	See Note 2	See note 3	79,569	88,337	2008	71,563	
	2038	CAT 3412	1993			545	1800	Caterpillar	See Note 1	See Note 2	See note 3	69,785	78,397	2010	77,725	
	2083	CAT 3508	2009			820	1800	Caterpillar	See Note 1	See Note 2	See note 3	672	7,633	n/a	0	
Norman Bay (60395)	561	T4236	1987	90	60	30	1800	Perkins	See Note 1	See Note 2	See note 3	97,716	101,820	2008	87,282	Retired Aug, 2010
	562	T4236	1987			30	1800	Perkins	See Note 1	See Note 2	See note 3	67,191	72,354	2009	60,351	Retired Aug, 2010
	563	T4236	1987			30	1800	Perkins	See Note 1	See Note 2	See note 3	72,199	72,925	2006	56,836	Retired Aug, 2010
	584	BF4M2012	2010			40	1800	Deutz	See Note 1	See Note 2	See note 3	n/a	2,171	n/a	0	
	581	BF4M2012	2010	160	90	50	1800	Deutz	See Note 1	See Note 2	See note 3	n/a	5,808	n/a	0	
Port Hope Simpson (60015)	2043	CAT D-3412	1995	1365	910	455	1800	Caterpillar	See Note 1	See Note 2	See note 3	48,352	59,072	2011	57,757	
	2042	CAT D-3412	1995			455	1800	Caterpillar	See Note 1	See Note 2	See note 3	66,940	80,143	2011	77,560	
	2073	CAT D-3456	2005			455	1800	Caterpillar	See Note 1	See Note 2	See note 3	26,078	32,593	2009	22,019	
St. Lewis (307699)	2039	CAT D-3406	1994	1070	615	365	1800	Caterpillar	See Note 1	See Note 2	Disconnected in MHS in 2003 and reconnected in SLE in 2007	50,403	59,414	2011	58,081	
	2015	CAT D-3406	1986			250	1800	Caterpillar	See Note 1	See Note 2	See note 3	61,280	62,028	2006	58,508	
	2080	CAT C-15	2006			455	1800	Caterpillar	See Note 1	See Note 2	See note 3	11,394	19,680	2012	20,800	
William's Harbour (60233)	580	BF4M1013EC	2009	380	170	80	1800	Deutz	See Note 1	See Note 2	See note 3	3,256	9,223	n/a	0	
	2075	CAT D-3306	2006			210	1800	Caterpillar	See Note 1	See Note 2	See note 3	11,137	12,423	n/a	0	
	2057	PERKINS 100	1999			90	1800	Perkins	See Note 1	See Note 2	See note 3	13,648	22,799	2011	22,799	
Mobile 2044 Presently in PHS	2044	CAT D-3412	1996			600	1800	Caterpillar	See Note 1	See Note 2	See note 3	63,801	65,033	2005	56,164	

Note 1: Current documentation does not provide specific hours but suggest overhauls be determined by the owner by its usage, how well the unit is maintained, wear components in oil, etc. In previous documentation, some manufacturers suggest completing top end overhauls at intervals as low as 7500 hrs.

Note 2: Data not available

Note 3: No relocation