

1 Q. With respect to the diesel units at St. Anthony, Roddickton, and Hawkes Bay,
2 provide a chart showing the number of times each unit has been used in
3 each year since it became interconnected, the reason it was used on each
4 occasion and the class of customers in need of emergency or peaking
5 capacity on each occasion.

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8 A. Records back to 1971 for Hawke's Bay are not readily available thus data
9 since 1992 is used to answer this question. The table shows the number of
10 times during 1992 through 2002 when each of the plants were operated.
11 Operation for testing is excluded from the table.

Year	St. Anthony Diesel	Roddickton Diesel	Hawke's Bay Diesel
1992			12
1993			12
1994			9
1995			18
1996	15	5	15
1997	12	5	2
1998	11	9	5
1999	20	2	6
2000	6	0	1
2001	4	2	4
2002	9	2	3

1 The Hawke's Bay diesels have been used to maintain acceptable voltages to
2 Hydro rural customers during scheduled or forced outages on the Great
3 Northern Peninsula. Prior to the construction of additional lines (1990) on the
4 Great Northern Peninsula, Hawke's Bay diesels were used regularly to
5 maintain acceptable voltage to Hydro rural customers with all available
6 transmission in-service. As well, it was used to supply generation
7 requirements for the entire system on January 2, 1996. It helped meet the
8 peak of 1303 MW on that day. Hawke's Bay diesels were also on for system
9 support prior to 1992. One known case identified from a record peak report
10 is February 3, 1990. On that day it was on to meet a system peak of
11 1316 MW. On both of these occasions Hawke's Bay diesel served all
12 customer classes.

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14 On all occasions to the end of 2002, the Roddickton and St. Anthony diesel
15 plants were used to supply Hydro rural customers during forced and
16 scheduled transmission outages on the Great Northern Peninsula.