

1 **Re: Page B-125, Replace Switchgear, \$383,300 (2008), \$168,000 (2009)**

2 Q. Have records been kept regarding temperature and humidity levels
 3 experienced by operating and maintenance staff? If so, please provide
 4 examples.

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7 A. Recorded temperatures for Cartwright diesel plant engine hall in 2007 are
 8 listed in the table below. Please note that the temperature on the face of
 9 switchgear panels themselves have been recorded as high as 47⁰C which
 10 is due to their close proximity to Unit No. 2036 exhaust manifolds.

Date (2007)	Engine Hall Temperature (⁰C)	Diesel Units Operating	System Load (kW)
June 1	27	2052, 2036	638
June 7	30	2052	540
June 9	32	2052, 2036	668
June 10	27	2052, 2036	760
June 14	28	2052, 2036	760
June 15	38	2052, 2036	783
June 16	31	2052, 2036	777
June 21	27	2052, 2036	675
June 23	26	2052, 2036	724
June 25	26	2052, 2036	694
June 29	24	2052, 2036	610
July 3	30	2052, 2036	725
July 13	38	2052, 2036, 2045	865
July 14	34	2052, 2036, 2045	768
July 15	27	2052, 2036	610
July 17	24	2052, 2036	670
July 18	26	2052, 2036	650
July 24	26	2052, 2045	580
July 27	30	2052, 2045	708