

1 **Q. In reference to the 25 mw gas turbine at Green Hill, please advise over the past five**  
 2 **years how many times this back-up generation capacity at Green Hill has been**  
 3 **called upon and for what length of time in each and every case.**

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 5 A. The table below provides a summary of the 33 operations of the Greenhill Gas Turbine  
 6 over the five year period 1997 to 2001 and to September 2002 (excluding start-ups for  
 7 unit testing).  
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No.	Date	Duration	Reason
1	March 3, 1997	30 min	Hydro request
2	March 10, 1997	49 min	Hydro request
3	March 17, 1997	19 min	Hydro request
4	March 24, 1997	49 min	Hydro request
5	March 25, 1997	50 min	Hydro request
6	March 31, 1997	7 min	Hydro request
7	April 7, 1997	53 min	Hydro request
8	July 16, 1997	8 hrs, 10 min	Substation maintenance
9	July 17, 1997	5 hrs, 22 min	Substation maintenance
10	October 30, 1997	2 hrs, 52 min	Hydro request
11	December 8, 1997	59 min	Hydro request
12	April 4, 1998	4 hrs, 54 min	Ice storm
13	April 9, 1998	4 hrs, 1 min	Transmission line outage
14	April 9, 1998	59 min	Transmission line outage
15	April 9, 1998	2 hrs, 19 min	Transmission line outage
16	April 29, 1998	1 hr, 31 min	Hydro request
17	June 15, 1998	1 hr	Hydro request
18	August 10, 1999	1 hr, 33 min	Hydro request
19	October 8, 1999	40 min	Hydro request
20	October 20, 1999	1 hr, 23 min	Hydro request
21	October 22, 1999	45 min	Hydro request
22	November 26, 2000	1 hr, 22 min	Hydro request
23	December 1, 2000	1 hr, 17 min	Transmission line outage
24	December 23, 2000	51 min	Backup during switching
25	January 16, 2001	55 min	Hydro request
26	April 4, 2001	39 min	Hydro request
27	April 10, 2001	50 min	Hydro request
28	January 31, 2002	1 hr, 25 min	Hydro request
29	April 19-20, 2002	24hrs, 39 min	Power transformer failure
30	May 6, 2002	3 hrs, 23 min	Transmission line outage
31	May 11-13, 2002	47hrs, 54 min	Power transformer failure
32	May 15, 2002	1 hr, 12 min	Transformer switching
33	May 22, 2002	2 hrs, 41 min	Transformer switching

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