

1    **B-24 Gas Turbine Assessments**

2    Q.    Provide outage statistics and data as to trips and failure to start for both  
3           Stephenville and Hardwoods for the last ten years, showing impacts on  
4           service with details as to the scheduled maintenance or down time.

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7    A.    In the last ten years (from 1996 to August 2006) there have been 86 trips and  
8           71 failed starts recorded at Hardwoods and 32 trips and 46 failed starts  
9           recorded at Stephenville. Each of these events had varying degrees of  
10          impacts on service, depending upon the nature of system conditions at the  
11          time. The gas turbines at both sites are key elements of the power system,  
12          providing system voltage control and standby generation.

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14          The impacts on maintenance for each event (trip or fail to start) vary  
15          depending upon the individual event. Typically maintenance decisions for  
16          gas turbines are based upon a review of equipment performance over time in  
17          addition to observation and judgment. In 2006 we have directed resources  
18          towards solving an ongoing capacity problem resulting from events we have  
19          recorded in recent years relating to high exhaust gas temperatures.