

1    Q.    **Project C-33, Upgrade Gas Turbine Plant Life Extension – Stephenville**

2            Given the plant’s role as a synchronous condensing system, has Hydro considered  
3            relying on a corrective maintenance regime?  
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6    A.    Hydro has not considered relying solely on a corrective maintenance regime due to  
7            the Stephenville Gas Turbine’s role as a synchronous condenser and a peaking unit  
8            for the Island Interconnected System. Hydro’s maintenance philosophy is focused  
9            on a planned maintenance approach to ensure current and future reliability.  
10          Relying on only a corrective maintenance regime puts Hydro’s Stephenville Gas  
11          Turbine assets at risk for failures that could result in longer downtimes, customer  
12          interruptions and higher cost, due to having to complete the work in an unplanned  
13          manner. Also, it would not be prudent to allow the gas turbine assets to run to  
14          failure and risk injury to employees and possible damage to equipment.