

1 Q. **Volume I: 2018 Capital Projects Overview**

2 Hydro states on page 6, line 12, that the increase in Gas Turbines expenditures  
3 results from the need to ensure environmental compliance and reliability of the  
4 Holyrood Gas Turbine. Please provide a breakdown of the proposed 2018 gas  
5 turbine expenditures indicating the percentage to be expended on the Holyrood  
6 Gas Turbine, the Stephenville Gas Turbine Plant, the Hardwoods Gas Turbine Plant  
7 and the Happy Valley Gas Turbine Plant.

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10 A. Please see below the breakdown of the proposed 2018 gas turbine expenditures  
11 indicating the percentage to be expended at each plant. There are no expenditures  
12 planned for Happy Valley Gas Turbine in the 2018 Capital Budget Application. The  
13 total 2018 gas turbine expenditures are \$17,780,600.

**Holyrood Gas Turbine:**

<b>Project</b>	<b>Proposed Expenditure</b>
Increase Fuel and Water Treatment System Capacity	\$8,829,900
Turbine Hot Gas Path Level 2 Inspection and Overhaul	\$6,538,800
Purchase Capital Spares	\$80,500
TOTAL	\$15,449,200
Percentage of 2018 Proposed Expenditures	87%

**Stephenville Gas Turbine:**

<b>Project</b>	<b>Proposed Expenditure</b>
Gas Turbine Life Extension	\$505,700
Gas Turbine Equipment Replacement and Refurbishment	\$96,400
Purchase Capital Spares	\$273,200
TOTAL	\$875,300
Percentage of 2018 Proposed Expenditures	5%

**Hardwoods Gas Turbine:**

<b>Project</b>	<b>Proposed Expenditure</b>
Gas Turbine Life Extension	\$281,400
Gas Turbine Equipment Replacement and Refurbishment	\$901,500
Purchase Capital Spares	\$273,200
TOTAL	\$1,456,100
Percentage of 2018 Proposed Expenditures	8%