

1 Q. **Reference: Holyrood Thermal Generating Facility**

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3 Please provide a complete list of each and every capital/maintenance expenditure planned  
4 pertaining to the Holyrood Thermal Generating Facility for the period 2019 to 2023.

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7 A. A complete list of the capital expenditures planned pertaining to the Holyrood Thermal  
8 Generating Station (“Holyrood TGS”) for the years 2020 through 2024 is provided in Appendix A  
9 to the “2020–2024 Capital Plan.”<sup>1</sup>

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11 The 2019 capital projects are listed in Table 1.

**Table 1: Capital Projects for 2019**

<b>Project</b>	<b>Budget</b>	<b>Comment</b>
Condition Assessment and Miscellaneous Upgrades	\$1,968,800	
Unit 3 Turbine Valve Overhaul	\$3,290,500	
Thermal In-Service Failures	\$1,250,000	
Replace 258 VDC Batteries and Chargers	\$330,000	
Purchase Tools and Equipment	\$15,400	
Upgrade Cranes and Hoists	\$225,640	2018 Carry-Over
Out Buildings Fire Detection	\$198,600	2018 Carry-Over
Replace Pump House Guardrails	\$61,900	Remove Safety Hazards Project
Waste Water Basin Building Safety Improvements	\$22,100	Remove Safety Hazards Project
Cooling Water Outfall Signage	\$11,900	Remove Safety Hazards Project
Upgrade Safety Fencing at Quarry Brook Dam	\$32,100	Remove Safety Hazards Project
Perform Electrical Testing of Unit 3 Generator	\$39,100	Unbudgeted project less than \$50,000
Warehouse Security Upgrades	\$49,400	Unbudgeted project less than \$50,000 – Proposed but not yet approved
Life Extension Fuel Oil Storage Tank	\$48,317	Unbudgeted project less than \$50,000
Building Vestibule and Shop Door Upgrades	\$49,300	Unbudgeted project less than \$50,000

<sup>1</sup> “2020 Capital Budget Application,” Newfoundland and Labrador Hydro, August 1, 2019, vol. I, “2020–2024 Capital Plan,” app. A at p. A-4.

1 Maintenance expenditures at the Holyrood TGS are not identified as individual projects. System  
2 Equipment Maintenance (“SEM”) costs for 2020 through 2029 are estimated in the “2020  
3 Capital Budget Application.”<sup>2</sup> Table 2 includes these estimates as well as the budget for 2019.  
4 These estimates include boiler maintenance expenditures.

**Table 2: Maintenance Expenditures for the Holyrood Thermal Generating Station**

<b>Year</b>	<b>Estimate</b>	<b>Comment</b>
2019	\$8,665,145	Budget
2020	\$5,080,000	Estimate
2021	\$1,830,000	Estimate
2022	\$1,412,000	Estimate
2023	\$1,481,000	Estimate

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<sup>2</sup> “2020 Capital Budget Application,” Newfoundland and Labrador Hydro, August 1, 2019, vol. I, “Holyrood Projected Operating and Maintenance Expenditures,” app. A at p. A-1.