

1 Q. **Reference: Application Volume 1, 2022 Capital Budget Overview**

2 It is stated (page 10) "... major work at the Holyrood Combustion Turbine, including the Increase
3 Fuel and Water Treatment System Capacity project and Turbine Hot Gas Path Inspection and
4 Overhaul project." Why is "major" work needed on the relatively new Holyrood combustion
5 turbine?

6

7

8 A. Major work has been completed on the Holyrood Gas Turbine to ensure the reliable operation
9 of the unit and the Island Interconnected System. The projects required for the reliable
10 operation of the unit are primarily normal inspection and overhaul interventions of the gas
11 turbine based on the operation of the unit as recommended by its original equipment
12 manufacturer ("OEM"). Other major projects such as the expansion of the fuel storage and
13 water treatment plant, were required due to a change in the unit's planned operation to allow
14 the unit to operate for longer durations to ensure the reliable operation of the Island
15 Interconnected System.

16 The projects planned for completion in 2022 include a combustor inspection and overhaul and
17 the upgrade of the units control system. The combustor inspection and overhaul was an
18 approved project as part of the 2020 Capital Budget Application, with completion planned in
19 2021. However, decreased operation of the unit has resulted in the deferral of this work into
20 2022. This project is a normal inspection and overhaul recommended by the OEM to ensure the
21 reliable operation of the unit. The upgrade of the units control system is also planned for
22 completion in 2022–2023. This project is required to replace obsolete components of the unit's
23 control system, to ensure the continued reliable operation of the unit.