

Q. **Reference: Schedule 3**

For each of the three units at the Holyrood TGS:

- a) Please provide recent and current quantitative data on its reliability and efficiency.
Looking forward, which unit is anticipated to be the least reliable?
- b) What is the level of generation (MW) which minimizes operating cost (including fuel)?
- c) What is the forecast annual capital expenditure on each unit over the 2027 -2031 period?

A. a) Please refer to Table 1 for the most recent unit reliability data, as provided in Table 7 of the Rolling 12 Month Asset Performance in Support of Resource Adequacy Report - Quarter Ending June 2026.¹

Table 1: Thermal Weighted DAFOR²

Generating Unit	Maximum Continuous Unit Rating (MW)	12 months Ended Jun 2026 (%)	12 months Ended Jun 2025 (%)	Near-Term Planning and Resource Planning Analysis Value (%)
All Thermal Units – Weighted	490	26.44	28.69	20.00
Thermal Units				
Holyrood TGS Unit 1	170	18.85	70.95	20.00
Holyrood TGS Unit 2	170	10.79	9.84	20.00
Holyrood TGS Unit 3	150	72.84	3.61	20.00

Newfoundland and Labrador Hydro (“Hydro”) reports overall efficiency for the plant in its Quarterly Regulatory Report. Efficiency as of June 30, 2026, was 551 kWh/bbl.³

¹ “Quarterly Report on Asset Performance in Support of Resource Adequacy”, Newfoundland and Labrador Hydro, July 31, 2026.

² Derated adjusted forced outage rate.

³ “Quarterly Regulatory Report – Quarter Ended June 30, 2026”, Newfoundland and Labrador Hydro, September 11, 2026.

- b)** Operating costs at the Holyrood Thermal Generating Station (“Holyrood TGS”) are minimized when two generating units are operating at minimum load (70 MW).
- c)** Table 2 outlines the forecast annual capital expenditure on each unit at the Holyrood TGS over the 2027–2031 period.

Table 2: 2027–2031 Holyrood TGS Forecast Capital Expenditures (\$000)

	2027	2028	2029	2030	2031
Unit 1	7,973.1	-	-	-	-
Unit 2	-	-	8,500.0	-	-
Unit 3	3,823.8	12,000.0	4,000.0	-	-
Common	19,230.5	22,917.3	19,059.9	4,129.9	350.0
Total	31,027.4	34,917.3	31,559.9	4,129.9	350.0