

1 Q. **Reference: Application**

2 Provide a table that compares the total allocated rate base and revenue requirement by
3 customer class associated with the Holyrood Thermal Generating Station as approved flowing
4 from the 2017 GRA to the proposed 2027 Test Year. As part of the response, add a column that
5 briefly identifies the drivers for any material variances.

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8 A. Please refer to CA-NLH-155, Attachment 1 which provides the total allocated rate base and
9 revenue requirement associated with the Holyrood Thermal Generating Station as approved
10 flowing from the 2017 General Rate Application to the proposed 2027 Test Year.

CA-NLH-155, Attachment 1 - Holyrood Thermal Generating Station

Comparison of 2027 and 2019 Holyrood Revenue Requirements

2019 Revenue Requirement

2027 Revenue Requirement

2027 Test Year	2027 Revenue Requirement				2019 Revenue Requirement				Revenue Requirement Change ⁶		Explanation
	Total	Production Demand	Production Energy	Allocation Demand ⁵	Allocation Energy	Total	Production Demand	Production Energy	Allocation Demand ⁵	Allocation Energy	
Generating Assets - Netbook Average	146,045,381	129,746,716	16,298,665	88.84%	11.16%	90,402,687	76,173,219	14,229,367	84.26%	15.74%	55,642,794
Rate Base - No. 6 Fuel Inventory	53,963,965		53,963,965		100.00%	50,022,009	-	50,022,009		100.00%	3,941,956
Total Rate Base¹	200,009,346	129,746,716	70,262,630			140,424,596	76,173,219	64,251,376			59,584,750 See Chapter 5, Section 5.3
Return on Debt	6,020,281	3,905,376	2,114,905			5,294,007	2,871,730	2,422,277			726,274
Return on Equity	3,740,175	2,426,264	1,313,911			2,331,048	1,264,475	1,066,573			1,409,126
Return on Debt and Equity²	9,760,456	6,331,640	3,428,816			7,625,056	4,136,206	3,488,850			2,135,401 See Chapter 5, Section 5.5
Generating Assets - Depreciation Expense	31,706,547	28,168,096	3,538,451	88.84%	11.16%	18,496,844	15,585,440	2,911,403	84.26%	15.74%	13,209,703
Total Depreciation³	31,706,547	28,168,096	3,538,451			18,496,844	15,585,440	2,911,403			13,209,703 See Chapter 5, Section 5.2.5
Operating and Maintenance (direct)	20,137,025	17,889,733	2,247,292	88.84%	11.16%	19,508,579	16,437,929	3,070,650	84.26%	15.74%	628,445
Fuels-No. 6 Fuel	65,010,009	-	65,010,009	100%		194,685,983	-	194,685,983		100%	(129,675,974) See Chapter 5, Section 5.2.1
Expenses⁴	85,147,034	17,889,733	67,257,301			214,194,562	16,437,929	197,756,633			(129,047,528)
Total Holyrood Revenue Requirement	126,614,037	52,389,469	74,224,568			240,316,461	36,159,575	204,156,886			(113,702,425)
Newfoundland Power	109,459,545	46,489,683	62,969,862	88.74%	84.84%	201,053,270	31,748,342	169,304,929	87.80%	82.93%	(91,593,725)
Industrial - Firm	9,031,361	2,609,650	6,421,711	4.98%	8.65%	23,842,672	2,147,988	21,694,684	5.94%	10.63%	(14,811,310)
Industrial - Non-Firm											-
Rural											-
1.1 Domestic	2,292,656	1,052,420	1,240,236	2.01%	1.67%	4,024,165	695,477	3,328,688	1.92%	1.63%	(1,731,509)
1.12 Domestic All Electric	2,893,637	1,221,547	1,672,090	2.33%	2.25%	5,376,586	844,874	4,531,713	2.34%	2.22%	(2,482,949)
1.3 Special	8,165	4,233	3,932	0.01%	0.01%	14,085	3,090	10,995	0.01%	0.01%	(5,920)
2.1 GS 0-10 kW	1,314,649	484,482	830,167	0.92%	1.12%	2,708,398	358,363	2,350,034	0.99%	1.15%	(1,393,748)
2.2 GS 10-100 kW											-
2.3 GS 110-1,000 kVa	938,499	320,382	618,117	0.61%	0.83%	1,991,413	229,249	1,762,164	0.63%	0.86%	(1,052,914)
2.4 GS Over 1,000 kVa	631,809	187,026	444,783	0.36%	0.60%	1,197,299	112,855	1,084,444	0.31%	0.53%	(565,490)
4.1 Street and Area Lighting	43,716	20,045	23,671	0.04%	0.03%	108,574	19,338	89,236	0.05%	0.04%	(64,858)
Total⁷	126,614,037	52,389,469	74,224,568	6.28%	6.51%	240,316,461	36,159,575	204,156,886	6.26%	6.44%	(113,702,425)

¹ Schedule F 2.3A line 11 for NBV Value, F 2.6A Page 1 of 2 line 3 for fuel inventory.
² Total NBV amounts Return on Debt 3.01% and Return on Equity 1.87% as per Schedule F 1.1, lines 16 and 19.
³ Schedule F 2.5A, line 11.
⁴ Schedule F 2.4A, Page 1 of 2 line 2 and Schedule F 2.1A, Page 1 of 2 line 2.
⁵ NBV, Depreciation and O&M allocators based on the forecast capacity factor. Fuel allocations assume 100% energy. Customer allocators from Schedule F3.1A, Page 1 of 2 lines 14-24.
⁶ 2027 Holyrood Revenue Requirement less 2019 Holyrood Revenue Requirement.
⁷ This analysis provides the rate base components directly attributable to the Holyrood Thermal Generating Station. It does not include indirect costs.