

Q. (Reference Application)

- a) Please provide a table of annual values from 2000 to 2027F (inclusive) for the following items: NP's net plant investment, NP's rate base, number of customers, the GDP deflator, net plant investment expressed in real terms using the GDP deflator, rate base expressed in real terms using the GDP deflator, net plant in real terms per customer, and real rate base per customer.**
- b) For the years 2000 to 2030F, please provide a table giving annual values for the following: NP's total internal labour cost; the percentage change in NP's total internal labour cost over prior year; the percentage change in the GDP deflator; the provincial inflation (NL CPI based); and NP's internal labour inflation rate.**
- c) Please provide a table and graph showing for the years 2000 through 2027F NP's annual gross operating cost, operating expenses, depreciation cost and capital expenditures.**
- d) Please provide the tables from Appendix A in a usable data format, such as csv or xlsx.**

- A.**
- a) Attachment A provides the requested information.
 - b) Attachment B provides the requested information.
 - c) Attachment C and Attachment D provide the requested information.
 - d) Attachment E provides the requested information.

ATTACHMENT A:

Newfoundland Power Inc. Net Plant Investment and Rate Base in Real
Terms per Customer: 2000 through 2027 Forecast

Newfoundland Power Inc.
Net Plant Investment and Rate Base in Real Terms per Customer
For the Years 2000 to 2027 Forecast

	Nominal Amounts (\$000s)		(000s)	Deflator	Inflation Adjusted (\$000s)		Amount per Customer (\$)	
Year¹	Net Plant Investment	Rate Base	Number of Customers	GDP Deflator	Net Plant Investment (Real)	Rate Base (Real)	Net Plant Investment (Real)/Customer	Rate Base (Real)/Customer
2000	511,314	520,475	215	0.54	939,052	955,877	4,363	4,442
2001	543,141	553,586	217	0.55	981,994	1,000,879	4,528	4,615
2002	565,150	576,639	219	0.56	1,009,196	1,029,713	4,607	4,700
2003	600,875	610,975	222	0.58	1,039,037	1,056,502	4,688	4,766
2004	629,758	639,297	224	0.60	1,054,694	1,070,670	4,699	4,770
2005	650,492	659,797	227	0.62	1,056,508	1,071,621	4,648	4,715
2006	668,621	680,088	230	0.63	1,058,615	1,076,770	4,613	4,692
2007	698,491	794,661	232	0.65	1,070,648	1,218,058	4,610	5,244
2008	720,501	819,005	236	0.68	1,062,059	1,207,260	4,504	5,120
2009	747,382	849,450	239	0.66	1,127,783	1,281,802	4,713	5,356
2010	778,290	873,433	243	0.68	1,141,857	1,281,445	4,691	5,264
2011	766,739	849,929	247	0.70	1,089,582	1,207,800	4,408	4,887
2012	806,024	885,874	252	0.71	1,131,579	1,243,681	4,499	4,944
2013	846,173	921,824	256	0.72	1,167,618	1,272,008	4,568	4,976
2014	913,089	984,039	259	0.74	1,236,076	1,332,123	4,775	5,146
2015	962,883	1,028,136	262	0.73	1,314,875	1,403,982	5,023	5,363
2016	1,010,256	1,064,388	264	0.74	1,369,653	1,443,042	5,180	5,458
2017	1,041,059	1,091,540	266	0.76	1,376,152	1,442,882	5,165	5,415
2018	1,072,764	1,114,342	268	0.77	1,395,012	1,449,079	5,205	5,407
2019	1,119,856	1,160,006	269	0.78	1,434,058	1,485,473	5,330	5,521
2020	1,148,140	1,168,243	270	0.79	1,455,184	1,480,663	5,384	5,478
2021	1,190,045	1,200,416	272	0.85	1,399,230	1,411,424	5,143	5,188
2022	1,218,074	1,223,086	274	0.92	1,327,312	1,332,773	4,848	4,868
2023	1,305,971	1,312,907	275	0.93	1,401,256	1,408,698	5,087	5,114
2024	1,350,761	1,356,887	277	0.96	1,410,864	1,417,262	5,086	5,109
2025	1,418,670	1,445,223	280	0.98	1,445,263	1,472,314	5,168	5,265
2026F	1,491,528	1,502,770	282	1.00	1,491,528	1,502,770	5,290	5,330
2027F	1,556,542	1,562,233	284	1.02	1,529,621	1,535,213	5,393	5,413

¹ In Order No. P.U. 19 (2003), the Board approved a change in Average Rate Base to include Average Deferred Charges beginning in 2003. In 2011, Net Plant Investment and Rate Base reflects the sale of poles to Bell Aliant Regional Communications Inc. The pole sale was approved by the Board in Order No. P.U. 21 (2011).



ATTACHMENT B:

Newfoundland Power Inc. Total Internal Labour and Inflation Rates:
2000 through 2027 Forecast

Newfoundland Power Inc.
Total Internal Labour and Inflation Rates
2000 through 2027 forecast

Year	Total Internal Labour		Inflation Rates		
	Amount (\$'000's)	Change from Prior Year (%)	GDP (%)	CPI NL (%)	Internal Labour Inflation (%)
2000	42,505	-5.7%	4.4%	3.0%	3.3%
2001	43,642	2.7%	1.6%	1.1%	3.3%
2002	44,807	2.7%	1.2%	2.4%	3.5%
2003	46,196	3.1%	3.3%	2.9%	4.1%
2004	47,909	3.7%	3.3%	1.8%	3.2%
2005	45,438	-5.2%	3.1%	2.6%	3.0%
2006	46,720	2.8%	2.6%	1.8%	3.3%
2007	49,296	5.5%	3.3%	1.4%	3.3%
2008	51,783	5.0%	4.0%	2.9%	4.2%
2009	54,774	5.8%	-2.3%	0.3%	4.1%
2010	58,747	7.3%	2.8%	2.4%	4.3%
2011	59,916	2.0%	3.2%	3.4%	5.0%
2012	62,606	4.5%	1.2%	2.1%	3.7%
2013	65,012	3.8%	1.7%	1.7%	4.4%
2014	69,243	6.5%	1.9%	1.9%	4.3%
2015	68,447	-1.1%	-0.9%	0.4%	3.8%
2016	68,533	0.1%	0.7%	2.7%	3.5%
2017	71,206	3.9%	2.6%	2.4%	3.1%
2018	71,658	0.6%	1.7%	1.7%	1.8%
2019	72,591	1.3%	1.5%	1.0%	2.4%
2020	74,914	3.2%	1.0%	0.2%	2.9%
2021	76,474	2.1%	7.8%	3.7%	2.8%
2022	80,166	4.8%	7.9%	6.4%	3.0%
2023	88,440	10.3%	1.5%	3.3%	2.8%
2024	87,926	-0.6%	2.7%	1.8%	4.3%
2025	95,313	8.4%	2.5%	1.4%	4.7%
2026F	98,139	3.0%	1.9%	2.1%	4.9%
2027F	101,264	3.2%	1.8%	2.1%	4.5%

¹ Newfoundland Power has not completed a total internal labour forecast for 2028 through 2030. As such, the requested information for those forecast years cannot be provided.

ATTACHMENT C:

Newfoundland Power Inc. Gross Operating, Operating, Depreciation and
Capital Expenditure: 2000 through 2027 Forecast

Newfoundland Power Inc.
Gross Operating, Operating, Depreciation, and Capital Expenditures
2000 through 2027 Forecast
(\$000s)

Year	Gross Operating Costs	Operating Expenses	Depreciation	Capital Expenditures
2000	48,565	52,486	29,625	42,836
2001	48,860	52,908	34,003	66,423
2002	47,639	46,795	35,442	65,128
2003	47,990	48,012	29,372	62,558
2004	47,615	47,410	30,987	55,922
2005	48,050	47,443	32,143	51,128
2006	46,923	46,653	38,922	58,712
2007	47,929	47,501	39,955	69,019
2008	47,175	47,132	40,649	63,615
2009	49,564	49,315	41,825	69,326
2010	51,400	53,830	43,358	76,605
2011	53,922	56,615	42,695	74,800
2012	54,928	56,787	44,518	80,542
2013	56,466	53,641	46,964	84,665
2014	59,622	56,927	49,288	112,564
2015	57,600	55,157	51,851	100,501
2016	57,922	56,851	55,190	99,846
2017	59,680	59,915	57,487	89,734
2018	60,198	73,896	59,466	89,434
2019	61,726	61,705	62,066	106,594
2020	63,444	64,200	64,982	96,024
2021	63,322	64,286	67,546	117,417
2022	70,530	68,869	70,662	121,460
2023	73,036	73,912	74,536	121,666
2024	74,446	76,104	78,830	137,404
2025	76,235	78,841	82,241	137,663
2026F	79,524	82,328	86,715	137,943
2027F	80,862	83,871	91,630	149,349

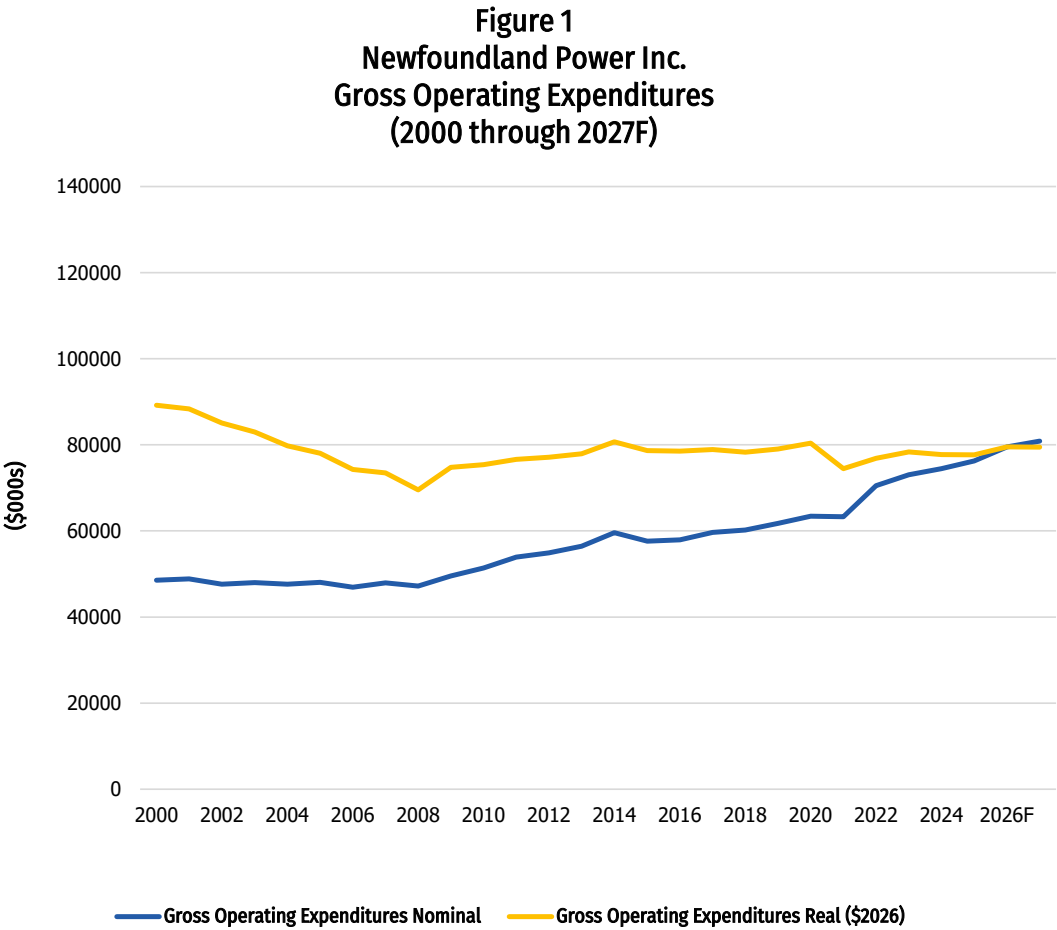


ATTACHMENT D:

Newfoundland Power Inc. Gross Operating, Operating, Depreciation and Capital Expenditures Graphical Representation

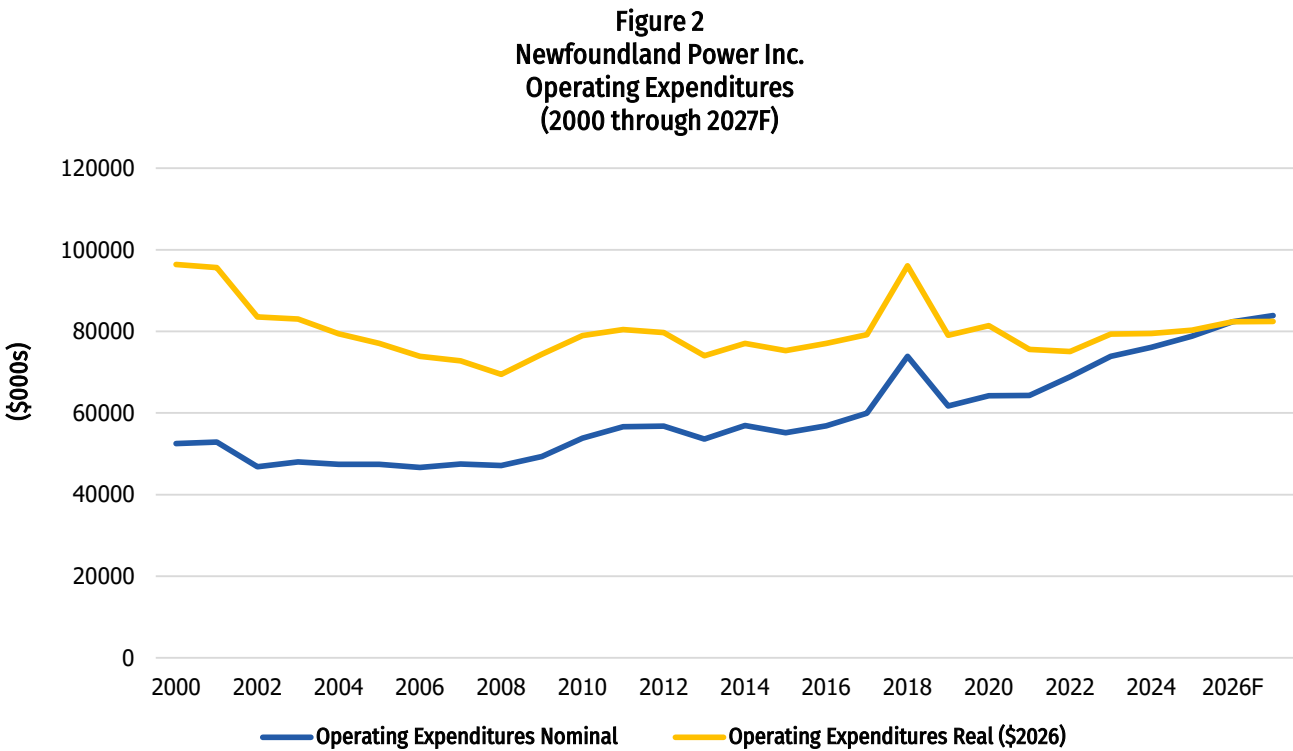
Newfoundland Power Inc.
Gross Operating, Operating, Depreciation and Capital Expenditures
2000 to 2027 Forecast

Figure 1 provides the gross operating expenditures from 2000 to 2027 forecast.



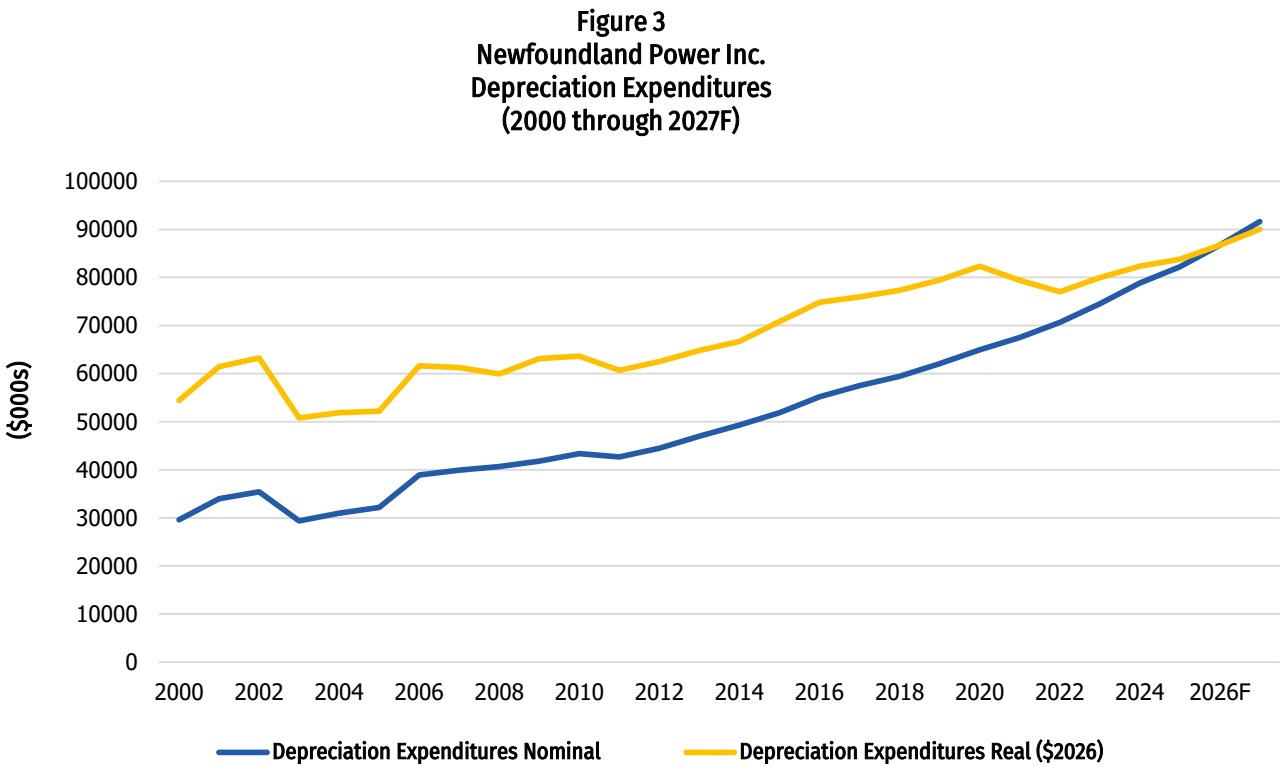
Newfoundland Power Inc.
Gross Operating, Operating, Depreciation and Capital Expenditures
2000 to 2027 Forecast

Figure 2 provides the operating expenditures from 2000 to 2027 forecast.



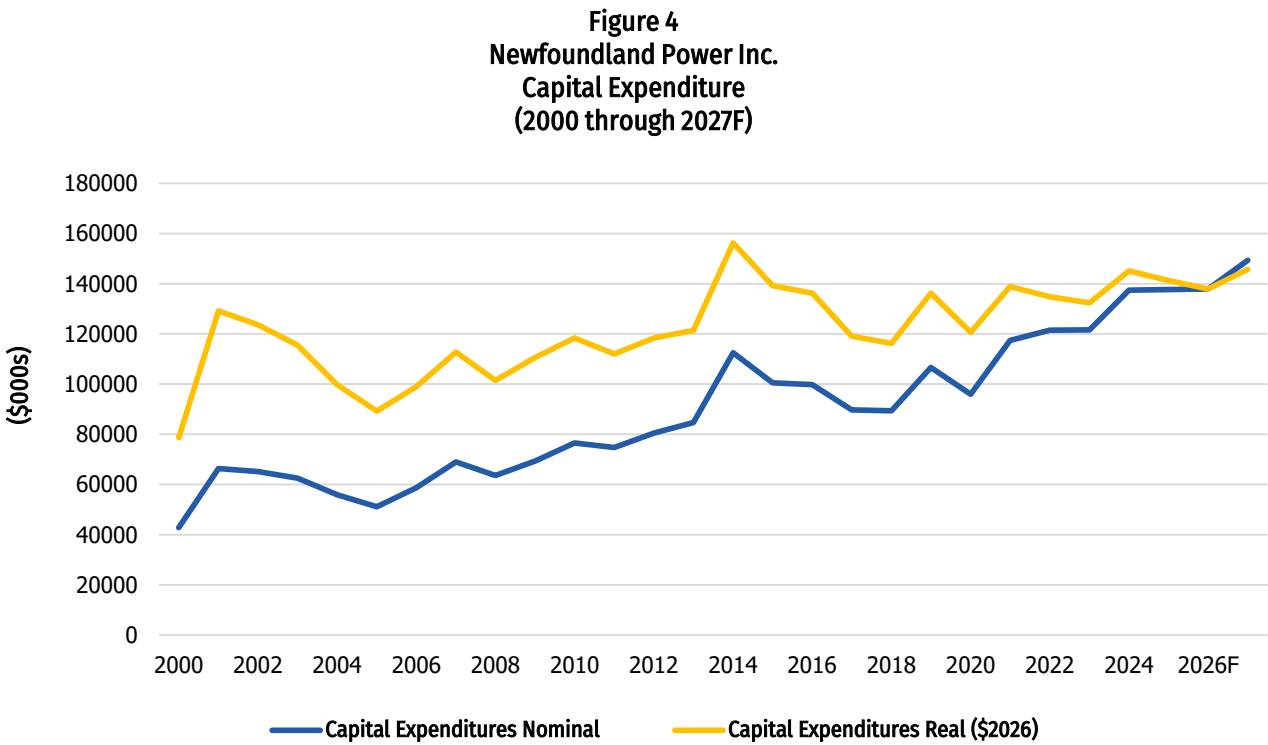
Newfoundland Power Inc.
Gross Operating, Operating, Depreciation and Capital Expenditures
2000 to 2027 Forecast

Figure 3 provides the depreciation expenditures from 2000 to 2027 forecast.



Newfoundland Power Inc.
Gross Operating, Operating, Depreciation and Capital Expenditures
2000 to 2027 Forecast

Figure 4 provides the capital expenditures from 2000 to 2027 forecast.





ATTACHMENT E:

Newfoundland Power Inc. Schedule A – 2027 Capital Budget Summary

2027 CAPITAL BUDGET SUMMARY

Expenditure Type	Budget (\$000s)
Single-Year Projects and Programs Over \$750,000	79,411
Single-Year Projects and Programs \$750,000 and Under	9,723
Multi-Year Projects Commencing in 2027	9,551
Multi-Year Projects Approved in Previous Years	50,664
TOTAL	149,349

Asset Class	Budget (\$000s)
Distribution	59,823
Substations	25,202
Transmission	29,397
Generation - Hydro	2,944
Generation - Thermal	1,033
Information Systems	14,194
Telecommunications	149
General Property	3,629
Transportation	7,228
Unforeseen Allowance	750
General Expenses Capitalized	5,000
TOTAL	149,349

**2027 CAPITAL BUDGET
SINGLE-YEAR PROJECTS AND PROGRAMS
OVER \$750,000**

Projects and Programs	Budget (\$000s)
Distribution	
Extensions	13,852
Reconstruction	8,319
Replacement Transformers	5,573
Rebuild Distribution Lines	5,502
New Transformers	4,943
Relocate/Replace Distribution Lines for Third Parties	3,872
New Services	3,520
New Street Lighting	2,496
Distribution Feeder COB-02 Extension	1,828
Feeder Additions for Load Growth	1,284
Distribution Feeder CAB-01 Refurbishment	972
Replacement Street Lighting	936
Distribution Feeder GDL-02 Loop 10 and 20 Refurbishment	<u>789</u>
Total Distribution	53,886
Substations	
Substation Replacements Due to In-Service Failures	<u>4,613</u>
Total Substations	4,613
Transmission	
Transmission Line Maintenance	3,465
Transmission Line 114L Replacement and 142L Relocation	<u>2,341</u>
Total Transmission	5,806
Generation - Hydro	
Hydro Facility Rehabilitation	1,531
Hydro Plant Replacements Due to In-Service Failures	<u>764</u>
Total Generation - Hydro	2,295

**2027 CAPITAL BUDGET
SINGLE-YEAR PROJECTS AND PROGRAMS
OVER \$750,000**

Projects and Programs	Budget (\$000s)
Information Systems	
Shared Server Infrastructure	1,974
System Upgrades	1,899
Application Enhancements	1,442
Cybersecurity Upgrades	962
Personal Computer Infrastructure	<u>784</u>
Total Information Systems	7,061
Unforeseen Allowance	
Allowance for Unforeseen Items ¹	<u>750</u>
Total Unforeseen Allowance	750
General Expenses Capitalized	
General Expenses Capitalized	<u>5,000</u>
Total General Expenses Capitalized	5,000
Total	<u>79,411</u>

1. The *Allowance for Unforeseen Items* has been included as part of single-year projects and programs over \$750,000 as Newfoundland Power is seeking approval of this project pursuant to Section V.A.7 of the *Capital Application Guidelines (Provisional)*, effective January 2022.

**2027 CAPITAL BUDGET
SINGLE-YEAR PROJECTS AND PROGRAMS
UNDER \$750,000**

Projects and Programs	Budget (\$000s)
Distribution	
Distribution Feeder MIL-02 Refurbishment	685
Distribution Feeder Automation	662
Replacement Meters	616
New Meters	573
Replacement Services	397
Allowance for Funds Used During Construction	<u>249</u>
Total Distribution	3,182
Substations	
Substation Protection and Control Replacements	743
Substation Ground Grid Upgrades	<u>369</u>
Total Substations	1,112
Transmission	
Transmission Line 59L Relocation	<u>715</u>
Total Transmission	715
Generation - Thermal	
MD3 Refurbishment	705
Thermal Plant Replacements Due to In-Service Failures	<u>328</u>
Total Generation - Thermal	1,033
Information Systems	
Network Infrastructure	<u>465</u>
Total Information Systems	465

**2027 CAPITAL BUDGET
SINGLE-YEAR PROJECTS AND PROGRAMS
UNDER \$750,000**

Projects and Programs	Budget (\$000s)
Telecommunications	
Communications Equipment Upgrades	<u>149</u>
Total Telecommunications	149
General Property	
Additions to Real Property	731
Tools and Equipment	642
Specialized Tools and Equipment	626
Physical Security Upgrades	568
Building Accessibility Improvements	<u>500</u>
Total General Property	3,067
Total	<u>9,723</u>

**2027 CAPITAL BUDGET
MULTI-YEAR PROJECTS
COMMENCING IN 2027**

Asset Class	Project Description	2027	2028	2029	Total
Distribution	Distribution Reliability Initiative	871	2,069	-	2,940
Distribution	Distribution Feeder ILC-02 Refurbishment	595	610	-	1,205
Distribution	Distribution Feeder GBY-01 Refurbishment	402	958	-	1,360
Substations	Blaketown Substation Refurbishment and Modernization	528	5,700	-	6,228
Substations	Rattling Brook Substation Refurbishment and Modernization	74	1,426	-	1,500
Substations	Portable Substation	990	3,894	5,049	9,933
Substations	Mobile Plant Substation Refurbishment and Modernization	299	925	-	1,224
Substations	LAU-T1 Power Transformer Replacement	99	3,186	-	3,285
Substations	LBK-T1 Power Transformer Replacement	73	86	2,175	2,334
Substations	HAR-T1 Power Transformer Replacement	75	71	2,758	2,904
Substations	RRD-T3 Power Transformer Replacement	66	64	2,565	2,695
Generation - Hydro	Rose Blanche Hydro Plant Refurbishment	649	1,079	-	1,728
Information Systems	Microsoft Enterprise Agreement	320	320	320	960
Transportation	Replace Vehicles and Aerial Devices 2027-2028	4,510	2,916	-	7,426
	Total	<u>9,551</u>	<u>23,304</u>	<u>12,867</u>	<u>45,722</u>

**2027 CAPITAL BUDGET
MULTI-YEAR PROJECTS
MULTI-YEAR PROJECTS APPROVED IN PREVIOUS YEARS**

Asset Class	Project Description	2025	2026	2027	2028	Total
Distribution	Feeder Additions for Load Growth ²	-	250	887	-	1,137
Substations	Greenspond Substation Refurbishment and Modernization ³	-	374	2,578	-	2,952
Substations	Gander Substation Power Transformer Replacement ⁴	17	3,905	263	-	4,185
Substations	Molloy's Lane Substation Power Transformer Replacement ⁵	-	12	2,789	-	2,801
Substations	Lewisporte-Boyd's Cove 138 kV Conversion ⁶	-	568	7,551	-	8,119
Substations	Substation Spare Power Transformer Inventory ⁷	-	13	3,906	-	3,919
Substations	Mobile Plant Substation Power Transformer Replacement ⁸	-	12	93	2,522	2,627
Substations	King's Bridge Substation Power Transformer Replacement ⁹	-	12	93	2,866	2,971
Transmission	New Transmission Line from Lewisporte to Boyd's Cove ¹⁰	1,886	9,283	9,553	-	20,722
Transmission	Transmission Line 100L Rebuild ¹¹	-	450	13,323	-	13,773
Information Systems	Geographic Information System Upgrade ¹²	-	500	5,173	2,652	8,325
Information Systems	Customer Correspondence Modernization ¹³	-	782	1,175	-	1,957
General Property	Summerford Building Replacement ¹⁴	-	155	562	-	717
Transportation	Replace Vehicles and Aerial Devices 2026-2027 ¹⁵	-	3,003	2,718	-	5,721
	Total	1,903	19,319	50,664	8,040	79,926

² Approved in Order No. P.U. 38 (2025). See Newfoundland Power's 2026 Capital Budget Application, Schedule B, pages 6 to 7.

³ Approved in Order No. P.U. 38 (2025). See Newfoundland Power's 2026 Capital Budget Application, Schedule B, pages 47 to 50.

⁴ Approved in Order No. P.U. 27 (2024). See Newfoundland Power's 2025 Capital Budget Application, Schedule B, pages 63 to 66.

⁵ Approved in Order No. P.U. 38 (2025). See Newfoundland Power's 2026 Capital Budget Application, Schedule B, pages 59 to 62.

⁶ Approved in Order No. P.U. 38 (2025). See Newfoundland Power's 2026 Capital Budget Application, Schedule B, pages 44 to 46.

⁷ Approved in Order No. P.U. 38 (2025). See Newfoundland Power's 2026 Capital Budget Application, Schedule B, pages 63 to 67.

⁸ Approved in Order No. P.U. 38 (2025). See Newfoundland Power's 2026 Capital Budget Application, Schedule B, pages 55 to 58.

⁹ Approved in Order No. P.U. 38 (2025). See Newfoundland Power's 2026 Capital Budget Application, Schedule B, pages 51 to 54.

¹⁰ Approved in Order No. P.U. 27 (2024). See Newfoundland Power's 2025 Capital Budget Application, Schedule B, pages 77 to 82.

¹¹ Approved in Order No. P.U. 38 (2025). See Newfoundland Power's 2026 Capital Budget Application, Schedule B, pages 74 to 77.

¹² Approved in Order No. P.U. 38 (2025). See Newfoundland Power's 2026 Capital Budget Application, Schedule B, pages 90 to 92.

¹³ Approved in Order No. P.U. 38 (2025). See Newfoundland Power's 2026 Capital Budget Application, Schedule B, pages 87 to 89.

¹⁴ Approved in Order No. P.U. 38 (2025). See Newfoundland Power's 2026 Capital Budget Application, Schedule C, page 8.

¹⁵ Approved in Order No. P.U. 38 (2025). See Newfoundland Power's 2026 Capital Budget Application, Schedule B, pages 106 to 109.