

1 **Q. (Reference Application Schedule A, page 1 of 4) 2022 Capital Budget Summary**

- 2
- 3 a) **Please provide a table that compares the 2022 Capital Budget Summary by Asset**
- 4 **Class to the corresponding budget amounts in each of the preceding 20 years,**
- 5 **based on the amounts requested in each year's CBA. Please show the budget**
- 6 **amounts and the percentage change in the budget amounts for each year**
- 7 **compared to the preceding year. The table should include all asset classes that**
- 8 **were included in any one or more of the years included in the table.**
- 9 b) **Please provide a second table that compares the 2022 Capital Budget Summary**
- 10 **by Asset Class to the corresponding amounts in each of the preceding 20 years,**
- 11 **based on the amounts approved by the PUB for each year. Please show the dollar**
- 12 **amounts and the percentage changes for each year compared to the preceding**
- 13 **year. The table should include all asset classes that were included in any one or**
- 14 **more of the years included in the table.**
- 15 c) **Please provide the information for parts (a) and (b) as an Excel spreadsheet with**
- 16 **parts (a) and (b) in separate tabs.**
- 17 d) **Please provide tables containing 10 years of historical information in Excel format**
- 18 **for the capital budgets broken down by asset class of other Canadian electric**
- 19 **utilities. Please use asset classes that correspond as closely as practical to the asset**
- 20 **classes in NP's 2022 Capital Budget Summary. Please include the 10 largest**
- 21 **Canadian electric utilities for which NP is able to obtain publicly available data**
- 22 **for at least 4 of the last 10 years.**

- 23
- 24 A. a) Attachment A to this response compares the 2022 Capital Budget Summary by asset
- 25 class to the corresponding budget amounts in each of the preceding 20 years, based
- 26 on the amounts requested in each year's capital budget application.
- 27
- 28 b) Attachment A to this response compares the 2022 Capital Budget Summary by asset
- 29 class to the corresponding amounts in each of the preceding 20 years, based on the
- 30 amounts approved by the Board for each year.
- 31
- 32 c) The Excel file used to prepare Attachment A to this response can be found on
- 33 Newfoundland Power's stranded website at: <https://ftp.nfpower.nf.ca/>.
- 34
- 35 d) Newfoundland Power does not compile data on annual capital expenditure amounts
- 36 from other Canadian utilities. As such, the requested information cannot be provided.
- 37

38 For a comparison of Newfoundland Power's investment in transmission and

39 distribution assets to other Atlantic Canadian utilities, see the *2022 Capital Plan*.¹

¹ See the *2022 Capital Budget Application, 2022 Capital Plan*, page 14, Table 5.

Requested and Approved Capital Budget Expenditures by Asset Class
2002-2022

Newfoundland Power Capital Expenditures Requested by Asset Class

	2002		2003		2004		2005		2006	
	\$000s	% Change	\$000s	% Change	\$000s	% Change	\$000s	% Change	\$000s	% Change
Generation - Hydro	\$4,521	-	\$4,015	-11.2%	\$5,345	33.1%	\$2,737	-48.8%	\$3,788	38.4%
Generation - Thermal	\$3,002	-	\$3,061	2.0%	\$1,700	-44.5%	\$1,124	-33.9%	\$120	-89.3%
Substations	\$7,347	-	\$6,158	-16.2%	\$5,199	-15.6%	\$3,437	-33.9%	\$4,120	19.9%
Transmission	\$2,861	-	\$4,629	61.8%	\$2,315	-50.0%	\$2,597	12.2%	\$4,054	56.1%
Distribution	\$27,188	-	\$26,582	-2.2%	\$27,636	4.0%	\$28,635	3.6%	\$28,023	-2.1%
General Property	\$1,420	-	\$910	-35.9%	\$709	-22.1%	\$1,126	58.8%	\$2,232	98.2%
Transportation	\$2,200	-	\$2,141	-2.7%	\$3,487	62.9%	\$2,642	-24.2%	\$2,755	4.3%
Telecommunications	\$502	-	\$383	-23.7%	\$120	-68.7%	\$60	-50.0%	\$78	30.0%
Information Systems	\$6,298	-	\$5,507	-12.6%	\$3,948	-28.3%	\$3,243	-17.9%	\$3,500	7.9%
Unforeseen	-	-	\$750	100.0%	\$750	0.0%	\$750	0.0%	\$750	0.0%
General Expenses Capitalized	\$2,500	-	\$2,800	12.0%	\$2,800	0.0%	\$2,800	0.0%	\$2,800	0.0%

Notes:

1. Requested amounts include the capital budget application, any applicable supplemental applications, current year of multi-year projects, and work in progress carried forward into subsequent years.
2. % Change reflects the percentage change from the prior year to the current year.
3. In the 2002 to 2005 capital budget applications, Generation Hydro and Generation Thermal asset classes were combined into a single Energy Supply asset class. To provide a consistent presentation over the the range from 2002 to 2022, the Energy Supply asset class is broken out.

Newfoundland Power Capital Expenditures Requested by Asset Class

	2007		2008		2009		2010		2011	
	\$000s	% Change	\$000s	% Change	\$000s	% Change	\$000s	% Change	\$000s	% Change
Generation - Hydro	\$19,188	406.5%	\$3,385	-82.4%	\$8,899	162.9%	\$5,279	-40.7%	\$9,496	79.9%
Generation - Thermal	\$0	-100.0%	\$100	100.0%	\$100	0.0%	\$150	50.0%	\$268	78.7%
Substations	\$3,968	-3.7%	\$7,177	80.9%	\$7,469	4.1%	\$10,218	36.8%	\$11,647	14.0%
Transmission	\$4,283	5.6%	\$4,978	16.2%	\$4,507	-9.5%	\$5,915	31.2%	\$4,745	-19.8%
Distribution	\$24,103	-14.0%	\$28,566	18.5%	\$31,046	8.7%	\$31,965	3.0%	\$36,842	15.3%
General Property	\$1,995	-10.6%	\$977	-51.0%	\$835	-14.5%	\$1,381	65.4%	\$1,792	29.8%
Transportation	\$2,206	-19.9%	\$2,214	0.4%	\$2,255	1.9%	\$2,352	4.3%	\$2,254	-4.2%
Telecommunications	\$101	29.5%	\$224	121.8%	\$350	56.3%	\$379	8.3%	\$572	50.9%
Information Systems	\$3,457	-1.2%	\$3,607	4.3%	\$3,725	3.3%	\$3,490	-6.3%	\$3,728	6.8%
Unforeseen	\$750	0.0%	\$1,150	53.3%	\$1,835	59.6%	\$6,850	273.3%	\$750	-89.1%
General Expenses Capitalized	\$2,800	0.0%	\$2,800	0.0%	\$2,800	0.0%	\$2,800	0.0%	\$2,800	0.0%

Newfoundland Power Capital Expenditures Requested by Asset Class

	2012		2013		2014		2015		2016	
	\$000s	% Change	\$000s	% Change	\$000s	% Change	\$000s	% Change	\$000s	% Change
Generation - Hydro	\$9,933	4.6%	\$4,450	-55.2%	\$9,010	102.5%	\$4,698	-47.9%	\$17,357	269.5%
Generation - Thermal	\$156	-41.8%	\$284	82.1%	\$2,010	607.7%	\$216	-89.3%	\$1,738	704.6%
Substations	\$12,776	9.7%	\$17,618	37.9%	\$18,170	3.1%	\$22,478	23.7%	\$17,940	-20.2%
Transmission	\$5,577	17.5%	\$5,371	-3.7%	\$5,469	1.8%	\$5,731	4.8%	\$6,067	5.9%
Distribution	\$38,047	3.3%	\$38,740	1.8%	\$56,377	45.5%	\$42,473	-24.7%	\$45,055	6.1%
General Property	\$2,026	13.1%	\$1,737	-14.3%	\$1,112	-36.0%	\$3,224	189.9%	\$1,840	-42.9%
Transportation	\$2,476	9.8%	\$2,950	19.1%	\$2,570	-12.9%	\$2,917	13.5%	\$3,258	11.7%
Telecommunications	\$454	-20.6%	\$874	92.5%	\$99	-88.7%	\$123	24.2%	\$514	317.9%
Information Systems	\$3,680	-1.3%	\$4,014	9.1%	\$4,005	-0.2%	\$7,501	87.3%	\$8,009	6.8%
Unforeseen	\$1,065	42.0%	\$750	-29.6%	\$750	0.0%	\$750	0.0%	\$750	0.0%
General Expenses Capitalized	\$3,500	25.0%	\$4,000	14.3%	\$4,000	0.0%	\$4,100	2.5%	\$4,500	9.8%

Newfoundland Power Capital Expenditures Requested by Asset Class

	2017		2018		2019		2020		2021	
	\$000s	% Change	\$000s	% Change	\$000s	% Change	\$000s	% Change	\$000s	% Change
Generation - Hydro	\$7,026	-59.5%	\$2,119	-69.8%	\$2,663	25.7%	\$6,849	157.2%	\$11,180	63.2%
Generation - Thermal	\$234	-86.5%	\$6,301	2592.7%	\$8,242	30.8%	\$349	-95.8%	\$330	-5.4%
Substations	\$18,239	1.7%	\$12,788	-29.9%	\$19,731	54.3%	\$15,204	-22.9%	\$14,280	-6.1%
Transmission	\$6,711	10.6%	\$7,168	6.8%	\$11,491	60.3%	\$9,623	-16.3%	\$9,751	1.3%
Distribution	\$48,217	7.0%	\$38,857	-19.4%	\$40,151	3.3%	\$44,623	11.1%	\$45,875	2.8%
General Property	\$1,502	-18.4%	\$2,663	77.3%	\$2,630	-1.2%	\$2,467	-6.2%	\$2,776	12.5%
Transportation	\$3,456	6.1%	\$3,362	-2.7%	\$3,990	18.7%	\$3,869	-3.0%	\$4,032	4.2%
Telecommunications	\$98	-80.9%	\$198	102.0%	\$233	17.7%	\$108	-53.6%	\$462	327.8%
Information Systems	\$5,288	-34.0%	\$6,570	24.2%	\$6,975	6.2%	\$6,772	-2.9%	\$15,362	126.8%
Unforeseen	\$750	0.0%	\$750	0.0%	\$750	0.0%	\$750	0.0%	\$750	0.0%
General Expenses Capitalized	\$4,000	-11.1%	\$4,000	0.0%	\$4,000	0.0%	\$6,000	50.0%	\$6,500	8.3%

Newfoundland Power Capital Expenditures Requested by Asset Class

	<u>2022</u>	
	<u>\$000s</u>	<u>% Change</u>
Generation - Hydro	\$2,462	-78.0%
Generation - Thermal	\$307	-7.0%
Substations	\$11,639	-18.5%
Transmission	\$12,892	32.2%
Distribution	\$47,744	4.1%
General Property	\$2,660	-4.2%
Transportation	\$3,089	-23.4%
Telecommunications	\$564	22.1%
Information Systems	\$21,044	37.0%
Unforeseen	\$750	0.0%
General Expenses Capitalized	\$6,500	0.0%

Newfoundland Power Capital Expenditures Approved by Asset Class

	2002		2003		2004		2005		2006	
	\$000s	% Change	\$000s	% Change	\$000s	% Change	\$000s	% Change	\$000s	% Change
Generation - Hydro	\$4,521	-	\$4,015	-11.2%	\$5,345	33.1%	\$2,737	-48.8%	\$3,788	38.4%
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Information Systems	\$6,298	-	\$5,507	-12.6%	\$3,948	-28.3%	\$3,243	-17.9%	\$3,500	7.9%
Unforeseen	-	-	\$750	100.0%	\$750	0.0%	\$750	0.0%	\$750	0.0%
General Expenses Capital	\$2,500	-	\$2,800	12.0%	\$2,800	0.0%	\$2,800	0.0%	\$2,800	0.0%

Notes:

1. Requested amounts include the capital budget application, any applicable supplemental applications, current year of multi-year projects, and work in progress carried forward into subsequent years.
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Newfoundland Power Capital Expenditures Approved by Asset Class

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Unforeseen	\$750	0.0%	\$1,150	53.3%	\$1,835	59.6%	\$6,850	273.3%	\$750	-89.1%
General Expenses Capital	\$2,800	0.0%	\$2,800	0.0%	\$2,800	0.0%	\$2,800	0.0%	\$2,800	0.0%

Newfoundland Power Capital Expenditures Approved by Asset Class

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	\$000s	% Change	\$000s	% Change	\$000s	% Change	\$000s	% Change	\$000s	% Change
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Unforeseen	\$1,065	42.0%	\$750	-29.6%	\$750	0.0%	\$750	0.0%	\$750	0.0%
General Expenses Capital	\$3,500	25.0%	\$4,000	14.3%	\$4,000		\$4,100	2.5%	\$4,500	9.8%

Newfoundland Power Capital Expenditures Approved by Asset Class

	2017		2018		2019		2020		2021	
	\$000s	% Change	\$000s	% Change	\$000s	% Change	\$000s	% Change	\$000s	% Change
Generation - Hydro	\$7,026	-59.5%	\$2,119	-69.8%	\$2,663	25.7%	\$6,849	157.2%	\$11,180	63.2%
Generation - Thermal	\$234	-86.5%	\$6,301	2592.7%	\$8,242	30.8%	\$349	-95.8%	\$330	-5.4%
Substations	\$18,239	1.7%	\$12,788	-29.9%	\$19,731	54.3%	\$15,204	-22.9%	\$14,280	-6.1%
Transmission	\$6,711	10.6%	\$7,168	6.8%	\$11,491	60.3%	\$9,623	-16.3%	\$9,751	1.3%
Distribution	\$48,217	7.0%	\$38,857	-19.4%	\$40,151	3.3%	\$44,623	11.1%	\$45,875	2.8%
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Telecommunications	\$98	-80.9%	\$198	102.0%	\$233	17.7%	\$108	-53.6%	\$462	327.8%
Information Systems	\$5,288	-34.0%	\$6,570	24.2%	\$6,975	6.2%	\$6,772	-2.9%	\$15,362	126.8%
Unforeseen	\$750	0.0%	\$750	0.0%	\$750	0.0%	\$750	0.0%	\$750	0.0%
General Expenses Capital	\$4,000	-11.1%	\$4,000	0.0%	\$4,000	0.0%	\$6,000	50.0%	\$6,500	8.3%

Newfoundland Power Capital Expenditures Approved by Asset Class

	2022	
	\$000s	% Change
Generation - Hydro	-	-
Generation - Thermal	-	-
Substations	-	-
Transmission	-	-
Distribution	-	-
General Property	-	-
Transportation	-	-
Telecommunications	-	-
Information Systems	-	-
Unforeseen	-	-
General Expenses Capital	-	-