

1 **Q. (Reference CA-NP-009, Attachment A) Regarding the Port Union hydro plant,**
2 **please provide the following information:**

- 3 a) **The reason that the plant generated so little electricity from January**
4 **2025 to June 2026.**
5 b) **The plant's monthly generation from January 2020 to December 2025.**
6 c) **The plant's annual generation from 2010 to 2026F.**
7 d) **Annual expenditure on the plant (total, capital, operating and other)**
8 **from 2010 to 2026F.**

9
10 **A.** a) Port Union Hydro Plant is considered substantially a run-of-the-river hydroelectric
11 plant because of its minimal system storage of 35 MWh, or approximately 3 days
12 of production at its rated capacity of 0.52 MW.¹

13
14 Production at the Port Union Hydro Plant was negatively impacted by drought
15 conditions during the summer and fall of 2025.

16
17 b) See Attachment A.

18
19 c) See Attachment B.

20
21 d) See Attachment B. Newfoundland Power does not forecast operating expenses or
22 in-service failures by plant. As such, no 2026F forecast is available. No capital
23 projects relating to Port Union Hydro Plant are approved for 2026.

¹ 35 MWh/0.52 MW = 67.3 hours, or 2.8 days.



ATTACHMENT A:

Port Union Plant Historical Monthly Generation Data 2020-2025

Newfoundland Power Inc. - 2027 Capital Budget Application

Table 1
Port Union Plant Monthly Generation in MWh
(2020-2025)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2020	20	15	79	208	232	106	3	5	95	31	74	118
2021	79	36	17	215	43	25	0	0	51	61	173	82
2022	63	189	116	235	82	65	2	5	11	26	127	175
2023	177	75	18	181	224	132	22	1	0	37	74	58
2024	0	46	201	204	96	88	31	0	2	54	134	81
2025	44	0	115	125	18	0	0	0	0	17	143	3



ATTACHMENT B:

Port Union Plant: Generation, Operating Maintenance Costs
& Annual Capital Expenditures

Newfoundland Power Inc. – 2027 Capital Budget Application

Table 1 Port Union Plant Generation, Operating Maintenance Costs & Annual Capital Expenditures			
Year	Generation (kWh)	Operating Maintenance Costs (\$ thousands)	Annual Capital Expenditures (\$ thousands)
2010	1,962,449	33	210
2011	467,132	22	1,321
2012	1,937,403	50	614
2013	2,418,990	71	10
2014	2,121,534	64	9
2015	1,656,824	43	0
2016	2,273,409	69	0
2017	1,819,250	72	58
2018	809,486	55	567
2019	963,477	68	0
2020	986,291	35	0
2021	782,969	46	0
2022	1,097,261	53	0
2023	997,997	50	0
2024	936,299	49	15
2025	464,232	58	0