

- 1 Q. (Reference Schedule C, Hydro Plant Replacements Due to In-Service Failures,
- 2 page 4 of 8)
- 3 a) For the years 2021 to 2025F please provide annual values of expenditures
- 4 on hydro plant replacements due to in-service failures.
- 5 b) Please provide a table showing the monthly generation from each of NP' s
- 6 hydro plants from January 2022 to June 2025, inclusive.
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- 8 A. a) See Table 1 for the annual expenditure of Hydro Plant Replacements Due to In-
- 9 Service Failures from 2021 to 2025F.

Table 1					
Hydro Plant Replacements Due to In-Service Failures					
(\$000s)					
Year	2021	2022	2023	2024	2025F
Total	630	730	627	636	731

- 10 b) Attachment A provides monthly generation from each of Newfoundland Power's
- 11 hydro plants from January 2022 to June 2025.



ATTACHMENT A:

Hydro Generation – January 2022 to June 2025

2022 (GWh)												
Plant	January	February	March	April	May	June	July	August	September	October	November	December
Petty Harbour	0.000	0.000	0.000	0.292	1.324	0.846	0.352	0.449	0.973	0.916	0.906	2.158
Pierre's Brook	2.890	2.531	2.843	2.748	2.447	1.239	0.589	0.721	1.446	2.453	1.527	2.764
Tors Cove	3.560	3.516	2.664	2.783	2.016	1.495	1.241	1.676	1.576	1.989	1.915	3.119
Rocky Pond	1.900	1.739	1.535	1.516	1.191	0.858	0.766	0.989	0.837	1.104	0.893	1.649
Mobile	7.283	6.835	6.826	5.206	3.074	3.377	0.027	0.250	2.331	1.295	0.774	3.997
Cape Broyle	4.312	4.183	3.729	3.945	2.374	3.144	2.627	1.330	1.933	2.827	1.593	2.823
Horsechops	5.223	4.532	4.789	5.224	3.209	4.336	3.942	1.409	2.392	3.877	1.325	2.915
Topsail	0.000	0.000	0.000	0.000	5.242	0.120	0.615	0.214	0.000	0.183	0.693	0.000
Seal Cove	1.476	1.656	1.236	0.957	0.387	0.866	0.457	0.531	0.442	0.804	0.964	1.433
Heart's Content	1.359	1.694	0.801	0.602	0.345	0.610	0.111	0.131	0.234	0.212	0.524	1.410
Victoria	0.228	0.286	0.244	0.259	0.228	0.198	0.080	0.000	0.000	0.000	0.000	0.000
New Chelsea	2.109	2.020	1.245	1.808	0.000	0.000	0.306	0.383	0.298	2.057	1.612	1.009
Pitmans	0.422	0.390	0.256	0.256	0.000	0.000	0.000	0.000	0.064	0.486	0.329	0.210
Morris	0.655	0.581	0.689	0.561	0.459	0.604	0.000	0.000	0.314	0.223	0.000	0.346
West Brook	0.210	0.268	0.313	0.321	0.114	0.283	0.023	0.173	0.065	0.102	0.147	0.190
Fall Pond	0.129	0.154	0.103	0.127	0.016	0.109	0.056	0.072	0.016	0.048	0.115	0.129
Lawn	0.314	0.330	0.293	0.305	0.106	0.260	0.065	0.066	0.055	0.127	0.253	0.337
Rattling Brook	8.271	9.637	10.332	10.123	6.831	7.545	6.288	4.471	1.563	1.807	0.521	4.429
Sandy Brook	3.993	3.999	4.167	4.414	3.358	1.992	0.554	0.146	0.086	1.262	1.058	4.067
Lockston	1.230	1.221	0.905	1.043	1.010	0.717	0.313	0.146	0.537	0.212	0.420	1.049
Port Union	0.063	0.189	0.116	0.235	0.082	0.065	0.002	0.005	0.011	0.026	0.127	0.175
Lookout Brook	3.424	3.265	3.451	3.515	3.786	2.824	2.553	2.550	2.247	1.666	0.643	2.345
Rose Blanche	2.802	2.651	1.534	2.931	4.265	3.134	1.992	1.234	1.730	1.738	2.921	2.873

2023 (GWh)												
Plant	January	February	March	April	May	June	July	August	September	October	November	December
Petty Harbour	1.880	1.592	1.315	2.190	1.623	1.451	0.411	0.589	0.871	1.062	1.591	1.093
Pierre's Brook	2.440	2.438	2.481	2.490	2.787	2.229	1.615	0.605	1.326	1.439	2.319	2.289
Tors Cove	3.164	2.350	1.788	2.638	2.179	0.216	0.468	1.067	2.153	2.003	2.429	2.182
Rocky Pond	1.681	1.306	0.608	1.364	1.158	0.587	0.579	0.658	1.160	1.123	1.348	1.219
Mobile	6.405	5.273	4.691	4.115	3.365	4.186	3.208	0.892	0.377	0.417	2.352	2.570
Cape Broyle	4.071	3.898	3.385	4.142	3.152	0.887	2.629	1.443	0.505	1.785	2.328	1.700
Horsechops	4.647	4.929	4.961	5.404	3.880	0.674	3.946	1.773	0.473	2.354	2.942	2.098
Topsail	0.000	0.202	1.266	1.314	1.419	0.315	0.000	0.000	0.000	0.000	0.000	0.000
Seal Cove	1.262	0.917	0.851	1.381	1.064	1.103	0.559	0.220	0.266	0.583	0.744	0.579
Heart's Content	1.401	0.483	0.445	1.125	1.465	0.518	0.294	0.226	0.764	0.419	0.692	0.572
Victoria	0.000	0.038	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
New Chelsea	2.138	1.884	2.094	2.554	2.288	1.865	1.611	1.416	0.775	0.070	0.064	0.363
Pitmans	0.449	0.417	0.433	0.442	0.424	0.377	0.317	0.265	0.104	0.000	0.000	0.071
Morris	0.519	0.579	0.691	0.521	0.503	0.674	0.662	0.117	0.000	0.000	0.140	0.241
West Brook	0.112	0.210	0.161	0.178	0.101	0.129	0.047	0.056	0.216	0.152	0.201	0.243
Fall Pond	0.110	0.095	0.048	0.086	0.016	0.072	0.025	0.071	0.111	0.083	0.078	0.065
Lawn	0.291	0.219	0.183	0.218	0.046	0.134	0.063	0.055	0.189	0.152	0.193	0.136
Rattling Brook	8.770	9.341	4.764	1.521	6.461	7.466	5.941	5.322	2.695	2.510	2.983	3.876
Sandy Brook	3.658	2.063	2.111	3.205	1.138	0.000	0.000	0.000	0.000	0.000	0.000	2.388
Lockston	1.482	1.132	0.697	0.656	0.846	0.819	0.481	0.266	0.356	0.307	0.767	0.666
Port Union	0.177	0.075	0.018	0.181	0.224	0.132	0.022	0.001	0.000	0.037	0.074	0.058
Lookout Brook	2.829	2.685	1.918	1.781	2.823	2.634	2.240	1.419	1.583	0.888	1.668	3.357
Rose Blanche	2.944	1.032	0.267	1.863	2.512	1.909	2.836	2.506	2.723	2.604	2.686	2.587

2024 (GWh)												
Plant	January	February	March	April	May	June	July	August	September	October	November	December
Petty Harbour	0.575	1.386	2.786	2.903	1.691	1.660	1.139	0.639	0.271	1.030	2.252	2.499
Pierre's Brook	1.595	1.869	2.564	2.734	2.442	2.505	2.356	1.502	0.740	0.826	1.870	2.774
Tors Cove	1.718	1.981	3.467	3.260	2.187	2.998	1.810	0.583	0.640	1.830	2.991	3.066
Rocky Pond	1.018	1.113	1.932	1.764	1.239	1.687	1.190	0.760	0.717	1.027	1.541	1.428
Mobile	5.366	5.471	6.869	1.086	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Cape Broyle	2.650	3.042	4.117	3.853	3.244	3.334	4.071	2.890	2.203	1.159	2.551	4.401
Horsechops	3.875	3.965	4.932	5.416	4.614	4.138	5.211	4.307	3.609	1.083	2.499	5.338
Topsail	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Seal Cove	0.368	0.703	1.728	1.591	0.909	1.068	0.740	0.657	0.328	0.559	1.374	1.556
Heart's Content	0.351	0.577	1.734	1.528	0.490	1.138	0.647	0.074	0.000	0.354	1.416	1.255
Victoria	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
New Chelsea	1.640	1.180	2.296	1.887	1.487	2.147	1.879	0.996	0.528	0.000	0.382	0.145
Pitmans	0.345	0.198	0.427	0.382	0.304	0.432	0.373	0.128	0.066	0.000	0.000	0.000
Morris	0.597	0.565	0.694	0.279	0.000	0.000	0.062	0.340	0.334	0.091	0.110	0.642
West Brook	0.147	0.168	0.202	0.272	0.192	0.217	0.066	0.000	0.000	0.000	0.000	0.000
Fall Pond	0.039	0.046	0.176	0.133	0.061	0.114	0.047	0.024	0.000	0.102	0.122	0.120
Lawn	0.079	0.107	0.347	0.272	0.131	0.208	0.093	0.000	0.027	0.242	0.347	0.315
Rattling Brook	7.865	4.428	8.088	9.504	6.285	7.517	6.174	3.995	3.060	2.389	5.333	10.504
Sandy Brook	2.394	1.529	3.441	4.356	3.768	3.442	1.522	0.691	0.540	1.148	3.303	3.781
Lockston	0.573	0.379	0.822	1.026	1.041	0.693	0.750	0.101	0.019	0.115	0.074	1.050
Port Union	0.000	0.046	0.201	0.204	0.096	0.088	0.031	0.000	0.002	0.054	0.134	0.081
Lookout Brook	3.304	2.719	3.199	3.190	2.952	2.556	1.483	0.060	0.047	0.724	1.497	2.482
Rose Blanche	0.219	0.610	2.681	3.857	2.456	1.328	0.529	0.323	0.772	1.438	3.074	2.647

2025						
(GWh)						
Plant	January	February	March	April	May	June
Petty Harbour	2.002	0.904	2.168	1.625	1.169	0.197
Pierre's Brook	2.567	1.503	2.720	2.117	1.761	0.476
Tors Cove	2.860	1.988	3.295	2.420	1.931	1.197
Rocky Pond	1.517	1.224	1.733	1.485	1.134	0.779
Mobile	0.000	0.000	0.000	0.000	0.000	0.000
Cape Broyle	4.235	3.426	4.208	3.805	2.151	2.291
Horsechops	5.353	4.945	5.521	5.605	2.986	3.646
Topsail	0.000	0.000	0.000	0.000	0.000	0.006
Seal Cove	1.337	0.685	1.312	1.001	0.749	0.152
Heart's Content	0.934	0.355	1.283	0.810	0.641	0.131
Victoria	0.000	0.000	0.000	0.000	0.000	0.000
New Chelsea	2.164	2.088	2.656	2.370	0.589	0.732
Pitmans	0.284	0.455	0.497	0.445	0.104	0.143
Morris	0.690	0.617	0.695	0.139	0.000	0.000
West Brook	0.128	0.157	0.272	0.326	0.162	0.103
Fall Pond	0.066	0.040	0.174	0.122	0.062	0.054
Lawn	0.193	0.054	0.344	0.276	0.114	0.107
Rattling Brook	7.756	6.088	10.119	7.754	5.384	4.032
Sandy Brook	3.593	1.342	4.578	4.071	1.887	0.742
Lockston	1.032	1.102	1.735	1.183	0.664	0.079
Port Union	0.044	0.000	0.115	0.125	0.018	0.000
Lookout Brook	3.062	2.165	2.809	1.183	1.332	1.688
Rose Blanche	1.841	0.075	2.205	3.415	2.729	1.282