

NEWFOUNDLAND AND LABRADOR HYDRO
PLF10 Interconnected Island
Capital Expenditures by Year (\$000)

		Total In-Svc Cost	Total 2010 \$000	Prior	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
1	Strategist Generation Expansion, excl. LIL (details below starting at Row 8)	1,677,951			0	0	739	19,426	54,586	0	156	2,983	0	0	0
2	Labrador Island Link (LIL) ⁽¹⁾	2,661,640		41,800	70,778	21,163	228,464	586,395	670,461	592,842	449,737				
3	Transmission Upgrade ⁽²⁾	195,958						17,766	36,942	46,265	38,131	33,175	23,679		
4	Sustaining capital ⁽³⁾	5,739,914			60,788	62,263	64,983	60,783	59,617	71,536	69,578	66,511	70,141	72,701	71,664
5	Total Revenue Requirement Capital	<u>10,275,463</u>		<u>41,800</u>	<u>131,566</u>	<u>83,426</u>	<u>294,186</u>	<u>684,370</u>	<u>821,606</u>	<u>710,643</u>	<u>557,602</u>	<u>102,669</u>	<u>93,820</u>	<u>72,701</u>	<u>71,664</u>
6	2010\$ INDEX				1.00	1.02	1.04	1.06	1.08	1.10	1.13	1.15	1.17	1.20	1.22
7	Total Capital Constant 2010\$		<u>6,581,821</u>	<u>41,800</u>	<u>131,566</u>	<u>81,790</u>	<u>282,762</u>	<u>644,897</u>	<u>759,037</u>	<u>643,651</u>	<u>495,135</u>	<u>89,380</u>	<u>80,074</u>	<u>60,833</u>	<u>58,789</u>
8	Generation Expansion Details:														
9	NEWGT_50 55	74,751			0	0	739	19,426	54,586	0	0	0	0	0	0
10	Sync_Cnd 54	3,140			0	0	0	0	0	0	156	2,983	0	0	0
11	HRD_DCL1 51	15,451			0	0	0	0	0	0	0	0	0	0	0
12	HRD_DCL2 50	11,881			0	0	0	0	0	0	0	0	0	0	0
13	PORTLAND 49	155,671			0	0	0	0	0	0	0	0	0	0	0
14	CC_170_1 48	373,411			0	0	0	0	0	0	0	0	0	0	0
15	NEWGT_50 47	140,871			0	0	0	0	0	0	0	0	0	0	0
16	NEWGT_50 46	152,483			0	0	0	0	0	0	0	0	0	0	0
17	NEWGT_50 45	165,053			0	0	0	0	0	0	0	0	0	0	0
18	NEWGT_50 44	178,658			0	0	0	0	0	0	0	0	0	0	0
19	NEWGT_50 43	197,253			0	0	0	0	0	0	0	0	0	0	0
20	NEWGT_50 42	209,327			0	0	0	0	0	0	0	0	0	0	0
21		<u>1,677,951</u>			<u>0</u>	<u>0</u>	<u>739</u>	<u>19,426</u>	<u>54,586</u>	<u>0</u>	<u>156</u>	<u>2,983</u>	<u>0</u>	<u>0</u>	<u>0</u>

⁻¹ This table reflects an earlier in-service capital cost for LIL in contrast to the in-service capital cost of record of \$2,553 million. This earlier LIL value was included in a calculation expressing all capital costs in constant \$2010 and was inadvertently not updated but only for this specific 2010\$ metric.

⁻² Represents a new transmission line and upgrades to existing lines from Bay d'Espoir to Western Avalon. Source: LCP 2010.

⁻³ Sustaining capital, with adjustments for escalation and timing differences. Source: 20-Year Capital Plan, August 2009.

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		Total In-Svc Cost	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
1	Strategist Generation Expansion, excl. LIL (details below starting at Row 8)	1,677,951	1,243	5,061	5,157	1,313	2,678	2,725	4,866	2,125	2,166	0	0	0	0
2	Labrador Island Link (LIL) ⁽¹⁾	2,661,640													
3	Transmission Upgrade ⁽²⁾	195,958													
4	Sustaining capital ⁽³⁾	5,739,914	75,167	63,405	62,531	66,737	66,763	65,413	66,883	74,352	70,591	78,365	80,000	81,571	83,200
5	Total Revenue Requirement Capital	10,275,463	76,410	68,466	67,688	68,050	69,441	68,138	71,749	76,477	72,757	78,365	80,000	81,571	83,200
6	2010\$ INDEX		1.24	1.27	1.29	1.32	1.35	1.37	1.40	1.43	1.46	1.49	1.52	1.55	1.58
7	Total Capital Constant 2010\$		61,453	53,985	52,325	51,574	51,596	49,635	51,240	53,546	49,942	52,737	52,782	52,763	52,762
8	Generation Expansion Details:														
9	NEWGT_50 55	74,751	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Sync_Cnd 54	3,140	0	0	0	0	0	0	0	0	0	0	0	0	0
11	HRD_DCL1 51	15,451	1,243	5,061	5,157	1,313	2,678	0	0	0	0	0	0	0	0
12	HRD_DCL2 50	11,881	0	0	0	0	0	2,725	4,866	2,125	2,166	0	0	0	0
13	PORTLAND 49	155,671	0	0	0	0	0	0	0	0	0	0	0	0	0
14	CC_170_1 48	373,411	0	0	0	0	0	0	0	0	0	0	0	0	0
15	NEWGT_50 47	140,871	0	0	0	0	0	0	0	0	0	0	0	0	0
16	NEWGT_50 46	152,483	0	0	0	0	0	0	0	0	0	0	0	0	0
17	NEWGT_50 45	165,053	0	0	0	0	0	0	0	0	0	0	0	0	0
18	NEWGT_50 44	178,658	0	0	0	0	0	0	0	0	0	0	0	0	0
19	NEWGT_50 43	197,253	0	0	0	0	0	0	0	0	0	0	0	0	0
20	NEWGT_50 42	209,327	0	0	0	0	0	0	0	0	0	0	0	0	0
21		1,677,951	1,243	5,061	5,157	1,313	2,678	2,725	4,866	2,125	2,166	0	0	0	0

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		Total In-Svc Cost	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046
1	Strategist Generation Expansion, excl. LIL (details below starting at Row 8)	1,677,951	6,392	81,456	308,345	132,890	0	0	0	0	0	0	1,393	36,609	102,869
2	Labrador Island Link (LIL) ⁽¹⁾	2,661,640													
3	Transmission Upgrade ⁽²⁾	195,958													
4	Sustaining capital ⁽³⁾	5,739,914	84,884	86,578	88,323	90,070	91,874	93,737	95,604	97,522	99,444	101,420	103,465	105,555	107,656
5	Total Revenue Requirement Capital	10,275,463	91,276	168,034	396,668	222,960	91,874	93,737	95,604	97,522	99,444	101,420	104,858	142,164	210,525
6	2010\$ INDEX		1.61	1.64	1.67	1.71	1.74	1.78	1.81	1.85	1.88	1.92	1.96	2.00	2.04
7	Total Capital Constant 2010\$		56,748	102,422	237,040	130,624	52,770	52,784	52,780	52,783	52,768	52,762	53,480	71,086	103,204
8	Generation Expansion Details:														
9	NEWGT_50 55	74,751	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Sync_Cnd 54	3,140	0	0	0	0	0	0	0	0	0	0	0	0	0
11	HRD_DCL1 51	15,451	0	0	0	0	0	0	0	0	0	0	0	0	0
12	HRD_DCL2 50	11,881	0	0	0	0	0	0	0	0	0	0	0	0	0
13	PORTLAND 49	155,671	6,392	33,951	115,329	0	0	0	0	0	0	0	0	0	0
14	CC_170_1 48	373,411	0	47,505	193,016	132,890	0	0	0	0	0	0	0	0	0
15	NEWGT_50 47	140,871	0	0	0	0	0	0	0	0	0	0	1,393	36,609	102,869
16	NEWGT_50 46	152,483	0	0	0	0	0	0	0	0	0	0	0	0	0
17	NEWGT_50 45	165,053	0	0	0	0	0	0	0	0	0	0	0	0	0
18	NEWGT_50 44	178,658	0	0	0	0	0	0	0	0	0	0	0	0	0
19	NEWGT_50 43	197,253	0	0	0	0	0	0	0	0	0	0	0	0	0
20	NEWGT_50 42	209,327	0	0	0	0	0	0	0	0	0	0	0	0	0
21		1,677,951	6,392	81,456	308,345	132,890	0	0	0	0	0	0	1,393	36,609	102,869

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		Total In-Svc Cost	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059
1	Strategist Generation Expansion, excl. LIL (details below starting at Row 8)	1,677,951	0	1,507	39,627	111,349	0	1,632	42,894	120,528	0	1,766	46,429	130,463	0
2	Labrador Island Link (LIL) ⁽¹⁾	2,661,640													
3	Transmission Upgrade ⁽²⁾	195,958													
4	Sustaining capital ⁽³⁾	5,739,914	109,808	112,023	114,226	116,565	118,890	121,279	123,720	126,228	128,728	131,234	133,854	136,532	139,208
5	Total Revenue Requirement Capital	10,275,463	109,808	113,530	153,853	227,914	118,890	122,911	166,614	246,756	128,728	133,000	180,283	266,995	139,208
6	2010\$ INDEX		2.08	2.12	2.16	2.21	2.25	2.30	2.34	2.39	2.44	2.49	2.54	2.59	2.64
7	Total Capital Constant 2010\$		52,775	53,494	71,072	103,220	52,788	53,503	71,106	103,243	52,804	53,486	71,080	103,204	52,754
8	Generation Expansion Details:														
9	NEWGT_50 55	74,751	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Sync_Cnd 54	3,140	0	0	0	0	0	0	0	0	0	0	0	0	0
11	HRD_DCL1 51	15,451	0	0	0	0	0	0	0	0	0	0	0	0	0
12	HRD_DCL2 50	11,881	0	0	0	0	0	0	0	0	0	0	0	0	0
13	PORTLAND 49	155,671	0	0	0	0	0	0	0	0	0	0	0	0	0
14	CC_170_1 48	373,411	0	0	0	0	0	0	0	0	0	0	0	0	0
15	NEWGT_50 47	140,871	0	0	0	0	0	0	0	0	0	0	0	0	0
16	NEWGT_50 46	152,483	0	1,507	39,627	111,349	0	0	0	0	0	0	0	0	0
17	NEWGT_50 45	165,053	0	0	0	0	0	1,632	42,894	120,528	0	0	0	0	0
18	NEWGT_50 44	178,658	0	0	0	0	0	0	0	0	0	1,766	46,429	130,463	0
19	NEWGT_50 43	197,253	0	0	0	0	0	0	0	0	0	0	0	0	0
20	NEWGT_50 42	209,327	0	0	0	0	0	0	0	0	0	0	0	0	0
21		1,677,951	0	1,507	39,627	111,349	0	1,632	42,894	120,528	0	1,766	46,429	130,463	0

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		Total								
		In-Svc Cost	2060	2061	2062	2063	2064	2065	2066	2067
1	Strategist Generation Expansion, excl. LIL (details below starting at Row 8)	1,677,951	0	1,950	51,262	144,042	2,069	54,400	152,858	0
2	Labrador Island Link (LIL) ⁽¹⁾	2,661,640								
3	Transmission Upgrade ⁽²⁾	195,958								
4	Sustaining capital ⁽³⁾	5,739,914	142,002	144,916	147,826	150,741	152,118	155,206	159,936	163,199
5	Total Revenue Requirement Capital	10,275,463	142,002	146,866	199,088	294,783	154,187	209,606	312,794	163,199
6	2010\$ INDEX		2.69	2.75	2.80	2.86	2.91	2.97	3.03	3.09
7	Total Capital Constant 2010\$		52,758	53,495	71,094	103,203	52,922	70,533	103,193	52,785
8	Generation Expansion Details:									
9	NEWGT_50 55	74,751	0	0	0	0	0	0	0	0
10	Sync_Cnd 54	3,140	0	0	0	0	0	0	0	0
11	HRD_DCL1 51	15,451	0	0	0	0	0	0	0	0
12	HRD_DCL2 50	11,881	0	0	0	0	0	0	0	0
13	PORTLAND 49	155,671	0	0	0	0	0	0	0	0
14	CC_170_1 48	373,411	0	0	0	0	0	0	0	0
15	NEWGT_50 47	140,871	0	0	0	0	0	0	0	0
16	NEWGT_50 46	152,483	0	0	0	0	0	0	0	0
17	NEWGT_50 45	165,053	0	0	0	0	0	0	0	0
18	NEWGT_50 44	178,658	0	0	0	0	0	0	0	0
19	NEWGT_50 43	197,253	0	1,950	51,262	144,042	0	0	0	0
20	NEWGT_50 42	209,327	0	0	0	0	2,069	54,400	152,858	0
21		1,677,951	0	1,950	51,262	144,042	2,069	54,400	152,858	0

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