

1 Q. **Reference: CA-NLH-164**

2 Using the proposed Newfoundland Power monthly billing determinants, calculate the first-block
3 rate needed to preserve the same annual revenue requirement under two cases: (i) the winter
4 second-block rate is 15 cents per kWh and the non-winter rate is unchanged; and (ii) the
5 second-block rate is 15 cents per kWh in both seasons. Hold the demand charge and all other
6 proposed rate-design inputs constant. Provide a revised CA-NLH-164, Attachment 1 for each
7 case.

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10 A. Please refer to CA-NLH-316, Attachment 1, for the first block rate, assuming the winter second-
11 block rate is 15 cents per kWh.

12 Please refer to CA-NLH-316, Attachment 2, for the first block rate, assuming the second-block
13 rate (all seasons) is 15 cents per kWh.

Newfoundland and Labrador Hydro
Newfoundland Power - Revenue Calculation (2027TY)

Description	1	2	3	4	5	6	7	8	9	10	11	12
	Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27
Demand	1,405,001	1,405,001	1,405,001	1,405,001	1,405,001	1,405,001	1,405,001	1,405,001	1,405,001	1,405,001	1,405,001	1,405,001
Demand Rate	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50
Demand Charge	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507
Total Energy Consumption	766,305,915	700,798,706	689,119,433	531,348,942	415,832,403	347,124,508	313,450,423	312,212,800	318,656,728	417,449,389	521,880,579	680,402,174
2nd Block Energy	426,305,915	360,798,706	349,119,433	271,348,942	155,832,403	87,124,508	183,450,423	182,212,800	188,656,728	147,449,389	251,880,579	410,402,174
2nd Block Rate	0.15000	0.15000	0.15000	0.03480	0.03480	0.03480	0.03480	0.03480	0.03480	0.03480	0.03480	0.15000
2nd Block Charge	63,945,887	54,119,806	52,367,915	9,442,943	5,422,968	3,031,933	6,384,075	6,341,005	6,565,254	5,131,239	8,765,444	61,560,326
1st Block Energy	340,000,000	340,000,000	340,000,000	260,000,000	260,000,000	260,000,000	130,000,000	130,000,000	130,000,000	270,000,000	270,000,000	270,000,000
1st Block Rate	0.08700	0.08700	0.08700	0.08700	0.08700	0.08700	0.08700	0.08700	0.08700	0.08700	0.08700	0.08700
1st Block Charge	29,580,323	29,580,323	29,580,323	22,620,247	22,620,247	22,620,247	11,310,124	11,310,124	11,310,124	23,490,257	23,490,257	23,490,257
Demand	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507
1st Block Energy	29,580,323	29,580,323	29,580,323	22,620,247	22,620,247	22,620,247	11,310,124	11,310,124	11,310,124	23,490,257	23,490,257	23,490,257
2nd Block Energy	63,945,887	54,119,806	52,367,915	9,442,943	5,422,968	3,031,933	6,384,075	6,341,005	6,565,254	5,131,239	8,765,444	61,560,326
TOTAL	101,253,717	91,427,635	89,675,745	39,790,697	35,770,721	33,379,686	25,421,705	25,378,636	25,602,884	36,349,002	39,983,207	92,778,089

Rev. Requirement	\$	636,811,717
Demand Charge	\$	(92,730,079)
2nd Block Rate (winter)	\$	(231,993,934)
2nd Block Rate (summer)	\$	(51,084,861)
1st Block Revenue	\$	261,002,843
1st Block Energy	KWh	3,000,000,000
1st Block Rate	\$/KWh	0.08700
1st Block Rate	C/KWh	8.700

Second Block (winter) \$/KWh 0.15000 New rate for this block
Second Block (non-winter) \$/KWh 0.03480

Newfoundland and Labrador Hydro
Newfoundland Power - Revenue Calculation (2027TY)

Description	2027 Total	1	2	3	4	5	6	7	8	9	10	11	12
		Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27
Demand		1,405,001	1,405,001	1,405,001	1,405,001	1,405,001	1,405,001	1,405,001	1,405,001	1,405,001	1,405,001	1,405,001	1,405,001
Demand Rate		\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50
Demand Charge		7,727,507	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507
Total Energy Consumption	KWh	766,305,915	700,798,706	689,119,433	531,348,942	415,832,403	347,124,508	313,450,423	312,212,800	318,656,728	417,449,389	521,880,579	680,402,174
2nd Block Energy	KWh	426,305,915	360,798,706	349,119,433	271,348,942	155,832,403	87,124,508	183,450,423	182,212,800	188,656,728	147,449,389	251,880,579	410,402,174
2nd Block Rate	\$/KWh	0.15000	0.15000	0.15000	0.15000	0.15000	0.15000	0.15000	0.15000	0.15000	0.15000	0.15000	0.15000
2nd Block Charge		63,945,887	54,119,806	52,367,915	40,702,341	23,374,860	13,068,676	27,517,564	27,331,920	28,298,509	22,117,408	37,782,087	61,560,326
1st Block Energy	KWh	340,000,000	340,000,000	340,000,000	260,000,000	260,000,000	260,000,000	130,000,000	130,000,000	130,000,000	270,000,000	270,000,000	270,000,000
1st Block Rate	\$/KWh	0.03063	0.03063	0.03063	0.03063	0.03063	0.03063	0.03063	0.03063	0.03063	0.03063	0.03063	0.03063
1st Block Charge		10,414,693	10,414,693	10,414,693	7,964,177	7,964,177	7,964,177	3,982,089	3,982,089	3,982,089	8,270,492	8,270,492	8,270,492
Demand	\$	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507	7,727,507
1st Block Energy	\$	10,414,693	10,414,693	10,414,693	7,964,177	7,964,177	7,964,177	3,982,089	3,982,089	3,982,089	8,270,492	8,270,492	8,270,492
2nd Block Energy	\$	63,945,887	54,119,806	52,367,915	40,702,341	23,374,860	13,068,676	27,517,564	27,331,920	28,298,509	22,117,408	37,782,087	61,560,326
TOTAL	\$	82,088,087	72,262,005	70,510,115	56,394,025	39,066,544	28,760,360	39,227,159	39,041,515	40,008,104	38,115,406	53,780,085	77,558,324

Rev. Requirement	\$	636,811,717
Demand Charge	\$	(92,730,079)
2nd Block Rate (winter)	\$	(231,993,934)
2nd Block Rate (summer)	\$	(220,193,366)
1st Block Revenue	\$	91,894,338
1st Block Energy	KWh	3,000,000,000
1st Block Rate	\$/KWh	0.03063
1st Block Rate	C/KWh	3.063

Second Block (winter) \$/KWh New rate for this block
Second Block (non-winter) \$/KWh New rate for this block