

Application for Approval of the Implementation of Net Metering Program

1 Q. Using a customer on the Labrador Interconnected System and a customer on an
 2 Isolated Diesel System, please provide an example of the purchase of excess
 3 generation credits on the annual review date, including monthly billings, for a
 4 customer that has excess credits at the end of the 12-month period and for a
 5 customer that does not have excess credits. Please ensure the monthly billings for
 6 each customer also include months where there are excess credits generated and
 7 months where there are not.

8
 9

10 A. Table 1 provides an example of a Domestic Customer on the Labrador
 11 Interconnected System that carried forward energy credits in several months of the
 12 year but does not have unused energy credits at the time of the settlement process,
 13 having consumed all self-generated energy for the 12 month period in addition to
 14 purchasing from Hydro’s system.

Table 1

**Domestic Customer on Labrador Interconnected System
 No Excess Credits on Annual Review Date**

	Net Customer Usage	Credits Generated	Credits available	Energy Billed to Customer	Customer Bill (\$)
Apr	1,033 kWh	0 kWh	0 kWh	1,033 kWh	\$ 41.03
May	619 kWh	0 kWh	0 kWh	619 kWh	\$ 27.45
Jun	(35) kWh	35 kWh	35 kWh	- kWh	\$ 7.15
Jul	(1,446) kWh	1446 kWh	1481 kWh	- kWh	\$ 7.15
Aug	(1,330) kWh	1330 kWh	2811 kWh	- kWh	\$ 7.15
Sep	(1,706) kWh	1706 kWh	4517 kWh	- kWh	\$ 7.15
Oct	(842) kWh	842 kWh	5359 kWh	- kWh	\$ 7.15
Nov	(499) kWh	499 kWh	5858 kWh	- kWh	\$ 7.15
Dec	1,655 kWh	0 kWh	4203 kWh	- kWh	\$ 7.15
Jan	1,332 kWh	0 kWh	2871 kWh	- kWh	\$ 7.15
Feb	1,815 kWh	0 kWh	1056 kWh	- kWh	\$ 7.15
Mar	1,065 kWh	0 kWh	0 kWh	9 kWh	\$ 7.45

Excess Credits for settlement A 0 kWh
 Pay-out Rate B 4.608 ¢ per kWh
 Settlement Credit C=A x B \$ -

1 Table 2 provides an example of a Domestic Customer on the Labrador
 2 Interconnected System that has unused energy credits (5101 kWh) at the time of
 3 the settlement process, given that they generated more energy in the year than
 4 they consumed. The customer credit for unused energy credits in this example is
 5 applied to the customer’s bill in March as a credit against their monthly charges.
 6 The compensation provided in this example is based on the Imbalance Rate on the
 7 Labrador Interconnected system for January 2017.

Table 2

**Domestic Customer on Labrador Interconnected System
 Excess Credits on Annual Review Date**

	Net Customer Usage	Credits Generated	Credits available	Energy Billed to Customer	Customer Bill (\$)
Apr	522 kWh	0 kWh	0 kWh	522 kWh	\$ 24.27
May	108 kWh	0 kWh	0 kWh	108 kWh	\$ 10.69
Jun	(546) kWh	546 kWh	546 kWh	- kWh	\$ 7.15
Jul	(1,957) kWh	1957 kWh	2503 kWh	- kWh	\$ 7.15
Aug	(1,841) kWh	1841 kWh	4344 kWh	- kWh	\$ 7.15
Sep	(2,217) kWh	2217 kWh	6561 kWh	- kWh	\$ 7.15
Oct	(1,353) kWh	1353 kWh	7914 kWh	- kWh	\$ 7.15
Nov	(1,010) kWh	1010 kWh	8924 kWh	- kWh	\$ 7.15
Dec	1,144 kWh	0 kWh	7780 kWh	- kWh	\$ 7.15
Jan	821 kWh	0 kWh	6959 kWh	- kWh	\$ 7.15
Feb	1,304 kWh	0 kWh	5655 kWh	- kWh	\$ 7.15
Mar	554 kWh	0 kWh	5101 kWh	- kWh	\$ (227.90)

Excess Credits for settlement 5101 kWh
 Pay-out Rate B 4.608 ¢ per kWh
 Settlement Credit C=A x B \$ 235.05

8 Table 3 provides an example of a Domestic Customer on an Isolated system that
 9 carried forward energy credits in several months of the year but does not have
 10 unused energy credits at the time of the settlement process, having consumed all
 11 self-generated energy for the 12 month period in addition to purchasing from
 12 Hydro’s system.

Table 3

**Domestic Customer on an Isolated System
No Excess Credits on Annual Review Date**

	Net Customer Usage	Credits Generated	Credits available	Energy Billed to Customer	Customer Bill (\$)
Apr	205 kWh	0 kWh	0 kWh	205 kWh	\$ 35.91
May	134 kWh	0 kWh	0 kWh	134 kWh	\$ 17.29
Jun	209 kWh	0 kWh	0 kWh	209 kWh	\$ 18.02
Jul	(224) kWh	224 kWh	224 kWh	- kWh	\$ 15.99
Aug	117 kWh	0 kWh	107 kWh	- kWh	\$ 17.13
Sep	264 kWh	0 kWh	0 kWh	157 kWh	\$ 18.56
Oct	(182) kWh	182 kWh	182 kWh	- kWh	\$ 15.99
Nov	(17) kWh	17 kWh	199 kWh	- kWh	\$ 15.99
Dec	1 kWh	0 kWh	198 kWh	- kWh	\$ 16.00
Jan	352 kWh	0 kWh	0 kWh	154 kWh	\$ 19.41
Feb	422 kWh	0 kWh	0 kWh	422 kWh	\$ 20.09
Mar	251 kWh	0 kWh	0 kWh	251 kWh	\$ 18.43

Excess Credits for settlement A 0 kWh
 Pay-out Rate B 15.106 ¢ per kWh
 Settlement Credit C=A x B \$ -

1 Table 4 provides an example of a Domestic Customer on an Isolated System that
 2 has unused energy credits at the time of the settlement process. The customer
 3 credit for unused energy credits (1528 kWh) in this example is applied to the
 4 customer’s bill in March as a credit against their monthly charges. The
 5 compensation provided in this example is based on the approved Domestic diesel
 6 excess energy rate.

Application for Approval of the Implementation of Net Metering Program

Table 4

**Domestic Customer on an Isolated System
Excess Credits on Annual Review Date**

	NET Meter Readings	Credits Generated	Credits available	Energy Billed to Customer	Customer Bill (\$)
Apr	(50) kWh	50 kWh	50 kWh	- kWh	\$ 15.99
May	(121) kWh	121 kWh	171 kWh	- kWh	\$ 15.99
Jun	(46) kWh	46 kWh	217 kWh	- kWh	\$ 15.99
Jul	(479) kWh	479 kWh	696 kWh	- kWh	\$ 15.99
Aug	(138) kWh	138 kWh	834 kWh	- kWh	\$ 15.99
Sep	9 kWh	0 kWh	825 kWh	- kWh	\$ 16.08
Oct	(437) kWh	437 kWh	1262 kWh	- kWh	\$ 15.99
Nov	(272) kWh	272 kWh	1534 kWh	- kWh	\$ 15.99
Dec	(254) kWh	254 kWh	1788 kWh	- kWh	\$ 15.99
Jan	97 kWh	0 kWh	1691 kWh	- kWh	\$ 16.93
Feb	167 kWh	0 kWh	1524 kWh	- kWh	\$ 17.61
Mar	(4) kWh	4 kWh	1528 kWh	- kWh	\$ (214.83)

Excess Credits for settlement A 1528 kWh
 Pay-out Rate B 15.106 ¢ per kWh
 Settlement Credit C=A x B \$ 230.82