

1 Q. CDM

2 Re: Amended Application, p. 2.9, Table 2.2

3 Preamble:

4 Table 2.2 shows dramatic reductions in Annual Energy Savings from 2013 to
5 2014(F), including Insulation (794 to 114 MWh), Thermostats (24 to 13
6 MWh), Block Heater Timer (99 to 73 MWh, down from 227 MWh in 2011),
7 and Isolated Systems Energy Efficiency Program (1,096 to 600 MWh).
8 Industrial Customer annual energy savings fell from 3,172 MWh in 2012 to
9 zero in 2013, and were forecast to increase to 15,000 MWh in 2014.

10 Please:

- 11 • explain why annual energy savings for insulation, thermostats, block
- 12 heater timers, and the Isolated Systems Energy Efficiency Program decrease
- 13 substantially from 2013 to 2014(F);
- 14 • explain why Industrial Customer annual energy savings fell from 3,172
- 15 MWh in 2012 to zero in 2013, and why an increase to 15,000 MWh was
- 16 forecast in 2014;
- 17 • provide updated (actual) figures for 2014; and
- 18 • provide forecast CDM annual energy savings for each category 2015, 2016
- 19 and 2017, supported by references to the current CDM plan.

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22 A. CDM energy savings forecasts are variable and influenced by anticipated customer
23 participation in the programs. Similarly, actual energy savings vary according to
24 actual customer participation. Forecasted energy savings are based on historical
25 participation trends; however, sometimes anomalies in trends occur which will not
26 be carried forward if it is not expected to continue. Such was the case in 2013,
27 when the quantity of insulation rebates from building contractors was higher than

1 usual, which translated into higher energy savings that year. In 2012 and 2013,
2 Hydro also offered increased incentives to promote the insulation and thermostat
3 rebate programs. Please also refer to Hydro's responses to IN-NLH-175 and LWHN-
4 NLH-037 that reference the increased program promotion. Since increased
5 incentives were not expected to be offered in 2014, the number of rebates was
6 forecast to reflect typical levels, as well as taking into consideration that the
7 programs had been in the market for five years. No activity was forecast in 2014 for
8 the Block Heater Timer program due to lack of participation. The activity that
9 occurred in 2013 with the Block Heater Timer program is explained in Hydro's
10 response to LWHN-NLH-037.

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12 The 2014 energy savings for the Isolated Systems Community Program were
13 forecast with consideration that this program was entering its third year. In 2013,
14 there were also some challenges identified with achieving some of the planned
15 energy savings opportunities. The plan for 2014 was to revisit isolated communities
16 to install lighting and water efficiency technologies that were identified during
17 previous years' work. However, during the course of the 2014, isolated community
18 work additional opportunities were identified that contributed to exceeding the
19 2014 forecasted savings for this program.

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21 The industrial energy efficiency program is available to Island Industrial Customers
22 within the province that are served directly from the high voltage transmission
23 system, and at present, there are just six customers who can participate. As with all
24 customer programs, the energy savings for the Industrial Energy Efficiency Program
25 is directly dependent on customer participation. The fluctuations in the energy
26 savings for this program can be significant and is reflective of customer
27 participation and magnitude of the conservation projects. Hydro is not expecting

savings in 2015, but will continue to work with and seek opportunities with the Island Industrial Customers.

Table 2.2 from Hydro's Amended Application filed in November 2014, Page 2.9 is updated with 2014 actual values and provided below.

Table 2.2

Hydro's Annual Energy Savings (MWh)						
Customer Energy Conservation Programs	2009	2010	2011	2012	2013	2014
Windows	13	37	61	136	99	85
Insulation	35	126	404	382	794	142
Thermostats	9	35	30	53	24	38
Coupon Program	-	64	256	-	-	-
Commercial Lighting	3	10	227	95	99	79
Block Heater Timer					288	-
Isolated Systems Energy Efficiency Program				1,676	1,096	1,322
Isolated Systems Business Efficiency Program				3	27	106
High Efficiency HRV					1	6
Business Efficiency Program						107
Small Technologies Program						148
Residential & Commercial Customer Energy Savings	60	272	978	2,345	2,428	2,033
Industrial Customer Energy Savings	-	-	165	3,172	-	22,258
Total Customer Program Energy Savings	60	272	1,143	5,517	2,428	24,291
Hydro Internal Energy Savings	1,391	453	232	279	851	6,319
Total Customer and Hydro Internal Energy Savings	1,451	725	1,375	5,796	3,279	30,610

The forecast of CDM annual energy savings for 2015 is provided below. Please refer to Hydro's response to IN-NLH-009 Attachment 2 for a copy of the current five-year plan in which all of the customer energy efficiency programs are referenced. Please refer to Hydro's response to IN-NLH-177 (Revision 1, Mar 17-15) for the explanation of why energy savings are not available beyond 2015 at this time.

Hydro's Annual Energy Savings (MWh)	
Customer Energy Conservation Programs	2015(F)
Windows	-
Insulation	76
Thermostats	8
Coupon Program	-
Commercial Lighting	52
Block Heater Timer	-
Isolated Systems Energy Efficiency Program	-
Isolated Systems Business Efficiency Program	232
High Efficiency HRV	6
Business Efficiency Program	500
Small Technologies Program	81
Residential & Commercial Customer Energy Savings	955
Industrial Customer Energy Savings	-
Total Customer Program Energy Savings	955
Hydro Internal Energy Savings	250
Total Customer and Hydro Internal Energy Savings	1,205