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2 **School Energy Coalition (SEC) INTERROGATORY #1 List 1**

3
4 **Interrogatory**

5
6 [A/1/2, p. 2]

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8 Please confirm that the Applicant is proposing a variance account with no limit on the
9 dollar or percentage amount of the variance in any period, or over the entire budget.

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12 **Response**

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14 As stated in Exhibit B, Tab 2, Schedule 1, page 2, line 19: "Hydro One will make an
15 application to the Board to address the balance in the variance account if it exceeds \$5
16 million dollars during the 2011 to 2014 period."
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School Energy Coalition (SEC) INTERROGATORY #2 List 1

Interrogatory

[B/1/1, p. 2]

Please confirm that the forecast of 210 MW of peak savings is expected to persist after December 31, 2014. Please provide a description of the ways in which that persistence will be achieved. Please confirm that the anticipated peak savings is expected to have a total cost of more than \$1.0 million per MW.

Response

Persistence beyond 2014 depends on the life of the equipment, and the analysis needs to be carried out program-by-program. Our analysis of Hydro One programs is that approximately 80% of the savings will persist beyond 2014. We do not have the same analysis for the OPA programs.

The anticipated peak savings is expected to have the total cost per MW of approximately \$1M (\$213M/210MW) However, energy savings are also included in this cost.

School Energy Coalition (SEC) INTERROGATORY #3 List 1

Interrogatory

[B/1/2] With respect to the Strategy:

- a. P. 2. Please provide the report or other document detailing the results of the surveys.
- b. P. 2. Please provide the analysis and/or report/study prepared by the third party consultant.
- c. P. 2. Please reconcile the figure of 71% with the figure of 80% for OPA-Contracted programs used several places in the evidence. If the percentage in the Applicant's strategy and the percentage identified by the consultant in fact disagree, please provide an explanation of the reason why 80% was used in the strategy.
- d. P. 11. Please explain why, within the Board-approved programs, the Double Return Plus initiative is expected to consume 13% of the budget, and produce 43% of the peak savings and 29% of the reduction in consumption, while a similar initiative proposed by Hydro One Brampton Networks is forecast to consume 30% of budget, and produce 70% of peak savings and 41% of reduction in consumption. Please describe the material differences in market, program design, program delivery, or other factors that lead to this difference.
- e. P. 13. Please disaggregate the programs and initiatives that are expected to "transform the CDM market in general" from those that will only produce temporary or immediate consumption or peak reductions.
- f. P. 18. Please provide whatever information is available to the Applicant on why the Double Return Plus program is not currently being offered as an OPA program.

Response

- a. Please refer to Exhibit I, Tab 5, Schedule 1.
- b. Please refer to Exhibit I, Tab 6, Schedule 3.
- c. Please refer to Exhibit I, Tab 9, Schedule 6.

Filed: January 27, 2010

EB-2010-0332

Exhibit I

Tab 11

Schedule 3

Page 2 of 2

- 1 d. The differences are primarily due to the different customer demographics in Hydro
2 One Brampton Networks and Hydro One Networks.
3
- 4 e. All six of our proposed Board-approved CDM initiatives our intended to transform
5 the CDM market to some extent, some more than others. Thus, it is challenging to
6 disaggregate the initiatives on this basis.
7
- 8 f. Please refer to Exhibit I, Tab 1, Schedule 43, part b.
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2 **School Energy Coalition (SEC) INTERROGATORY #4 List 1**

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4 **Interrogatory**

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6 [C/1/1, p. 39]

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8 Please advise whether the Demand Response 1 – Commercial program is available to
9 schools. Please advise whether, based on the current program design, customers that
10 have multiple locations, such as school boards or commercial chains, are able under this
11 program to provide demand response from any of their various locations, at their
12 discretion, as part of an aggregated demand.

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15 **Response**

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17 DR1–Commercial program is available to schools and all single and multi-location
18 customers through an aggregator registered with the program.
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2 **School Energy Coalition (SEC) INTERROGATORY #5 List 1**

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4 **Interrogatory**

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6 [C/1/2, p. 13]

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8 With respect to the Neighbourhood Benchmarking Program, please confirm that the
9 control group is expected to have a similar load size and pattern to the test group.

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11 **Response**

12
13 Yes, confirmed.
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School Energy Coalition (SEC) INTERROGATORY #6 List 1

Interrogatory

[C/1/2] With respect to the Monitoring and Targeting Initiative:

- a. P. 25. Please confirm that large schools with individual average demand above 200 kW would qualify for this program.
- b. P. 25. Please advise whether customers that have multiple locations, such as school boards or commercial chains, and in aggregate exceed 200 kW of average demand, would qualify for this program.
- c. P. 25. Please advise the basis for the assumption that 35-40 customers will participate in the program.

Response

- a. Yes, we confirm that large schools with individual average demand above 200 kW would qualify for this program.
- b. Yes. Customers that have multiple locations, such as school boards or commercial chains would qualify for this program.
- c. The number is based on the expectation that 2% of the targeted customer groups will participate in this initiative. Hydro One will review the initiative performance during the EM&V process and adjust its estimates as appropriate.

School Energy Coalition (SEC) INTERROGATORY #7 List 1

Interrogatory

[C/1/2, p. 35]

Please advise why this program, which is approximately ten times the size of a similar program proposed by Hydro One Brampton Networks Inc. in EB-2010-0331, does not benefit from economies of scale such that program cost per unit peak savings or reduction in consumption would be less.

Response

Hydro One Brampton has a customer base of approximately $1/10^{\text{th}}$ that of Hydro One Networks. However, the demographics are considerably different. The target market for this program that Hydro One Brampton seeks is approximately $1/3^{\text{rd}}$ that of HONI. Therefore the costs should be approximately $1/3^{\text{rd}}$ that of HONI.

School Energy Coalition (SEC) INTERROGATORY #8 List 1

Interrogatory

[C/1/2] With respect to the Double Return Plus Initiative:

- a. P. 57. Please advise whether schools with smart meters will qualify to participate in this program.
- b. P. 57. Please advise whether customers that have multiple locations, such as school boards or commercial chains, are eligible under this program to provide voluntary peak demand reduction from their various locations, at their discretion, as part of an aggregated demand response.
- c. P. 57. Please confirm that the intent of the program is that the participant will have their savings tripled, i.e. savings through their normal reduction in distribution charges, plus twice that in incentives.
- d. P.58. Please explain why this program description refers to “delivery charges”, while the description in EB-2010-0331 for an apparently identical program refers to “distribution charges”. If this is a difference in program design, please describe the rationale for that difference, and provide detailed information on the impact of that difference on TRC and PAC.
- e. P. 58. Please explain how the MW of peak savings in this program will be made to persist past December 31, 2014. Please confirm that the peak savings in each year are expected to be only those savings that are incented in that year, and not savings that arose in a previous year and continue to the current year without additional incentives.
- f. P. 61. Please provide the full data, assumptions and calculation on which the projection of 21 MW of peak reduction is based.
- g. P. 63. Please provide the full calculations of TRC and PAC together with the sources of all assumptions used.

Response

- a. Yes, schools that have an average load at or above 200kW qualify to participate in this initiative.

- 1 b. No, only customers with load at or above 200kW with interval meters will be eligible
- 2 to participate in this initiative.
- 3
- 4 c. Confirmed, with respect to delivery charges.
- 5
- 6 d. The correct term to use is “delivery”, for both Hydro One and Hydro One Brampton.
- 7
- 8 e. As discussed in Exhibit I, Tab 1, Schedule 46 and Exhibit I, Tab 1, Schedule 48,
- 9 savings related to the load management system are expected to persist beyond 2014.
- 10 The Load Management system is expected to remain in place beyond 2014 and
- 11 continue to assist the customer to maintain the achieved savings. Also, Hydro One
- 12 confirms that all savings are incented only once in the year that they occur.
- 13
- 14 f. Please refer to Exhibit I, Tab 1, Schedule 48.
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- 16 g. Please refer to Exhibit I, Tab 1, Schedule 48.
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