

**Hydro One Brampton Networks Inc.**

**EB-2010-0331**

**Board staff Interrogatories**

**General Application Inquiries**

1) Reference: Exhibit B, Tab 1, Schedule 2, Page 1-55

Preamble: Hydro One Brampton has proposed to implement six different CDM initiatives from 2011-2014 in an effort to supplement the OPA-Contracted Province-Wide CDM Programs it anticipates it will offer to its customers.

- a) If available, please provide the approved and finalized Master Agreement for OPA-Contracted Province-Wide CDM Programs.
- b) If the Master Agreement is not available from the OPA, please discuss the rationale and appropriateness for making this application with the Board prior to having the finalized details of the OPA-Contracted Province-Wide CDM Programs available.
- c) Please discuss and provide the projected energy consumption (kWh) and peak demand (kW) savings that Hydro One Brampton anticipates it will achieve through the delivery of OPA-Contracted Province-Wide CDM Programs.
- d) Please provide any and all documentation Hydro One Brampton has received from the OPA that supports the energy consumption and peak demand savings projections discussed in your response to 1(c).
- e) If the answers to 1(c) and 1(d) do not support the determination of a credible deficiency in terms of needing additional Board-Approved CDM Programs to offset OPA-Contracted Province-Wide CDM Programs to achieve Hydro One Brampton's CDM Targets, please discuss the appropriateness for making this application to the Board.
- f) Please provide the funding level details the OPA has provided to Hydro One Brampton for participation in the OPA-Contracted Province-Wide CDM Programs. In your response, please include the finalized funding formula for OPA-Contracted Province-Wide CDM Programs and any other additional documentation the OPA has made available to Hydro One Brampton in regards to funding of OPA-Contracted Province-Wide CDM Programs.
- g) If finalized funding information is not currently available from the OPA, please discuss the appropriateness of making this application with the Board at this time and requesting a total of \$7.9M for Board-Approved CDM Programs.
- h) Please describe the process for how Hydro One Brampton can receive additional funding from the OPA for OPA-Contracted Province-Wide CDM Programs throughout the 2011-2014 program term.

## **OPA Co-ordination**

2) Reference: Exhibit C, Tab 1, Schedule 2, Page 1 – 55

Preamble: Hydro One Brampton has proposed to implement six different CDM initiatives from 2011-2014 in an effort to supplement the OPA-Contracted Province-Wide CDM Programs it anticipates it will offer to its customers.

- a) Will Hydro One Brampton incorporate a standard registration system for participating customers that will combine with, and/or act in a similar manner, to that which the OPA has for OPA-Contracted Province-Wide CDM Programs (i.e. the iCON portal) for all of its proposed Board-Approved CDM Programs?
- b) If the answer to (a) is yes, please discuss the work that has been completed in this area and the milestones Hydro One Brampton has in place for the full implementation of its registration system.
- c) If the answer to (a) is no, please discuss the registration system that Hydro One Brampton will make available for its proposed Board-Approved CDM Programs, the process for how prospective participants will register for programs, and the manner in which Hydro One Brampton will track registrations, installations and any other program related activities.

## **Community Education – Initiative #1**

3) Reference: Exhibit C, Tab 1, Schedule 2, Page 2 of 55

Preamble: Hydro One Brampton notes that it will rely on a community events partner to help represent Hydro One Brampton at local community events throughout the Province.

- a) Has Hydro One Brampton decided on who its events partner will be for the Community Education Initiative?
- b) Will Hydro One Brampton use the same events partner to represent the company across its service territory in relation to the Community Education Initiative?
- c) If the answer to (b) is no, please discuss the reasons why Hydro One Brampton has decided not to use the same events partner to coordinate this initiative and represent the company on a consistent basis.

4) Reference: Exhibit C, Tab 1, Schedule 2, Page 2 of 55

Preamble: Hydro One Brampton states that the OPA-Contracted Province-Wide CDM Programs do not provide an initiative similar to the Community Education Program it is proposing in this application. Hydro One Brampton highlights the fact

that its proposed initiative relies on face-to-face interactions with customers, while the OPA Consumer Enabling Initiative features an on-line education component.

- a) Please discuss the process that Hydro One Brampton followed in determining if the Community Education Initiative does not duplicate that of the OPA Consumer Enabling Initiative. Provide all correspondence and documentation between Hydro One Brampton and the OPA that addresses the fact that the Community Education Initiative does not duplicate an OPA-Contracted Province-Wide CDM Program.
- b) Has Hydro One Brampton received confirmation from the OPA that its Consumer Enabling Initiative cannot be tailored, or customized, to include a “face-to-face” element where the distributor, or its representative, can meet in a more personal setting with prospective CDM participants.

5) Reference: Exhibit C, Tab 1, Schedule 2, Page 5 of 55

Preamble: Hydro One Brampton provided projected reductions in both peak electricity demand (MW) and electricity consumption (MWh) in two tables shown on page 4.

- a) Please discuss the calculations that went into the projections found in each table.
- b) Please describe and discuss all of the various energy efficient measures that will be distributed to participants at the local education sessions.

6) Reference: Exhibit C, Tab 1, Schedule 2, Page 5 of 55

Preamble: Hydro One Brampton provides the budget figures for its Community Education Initiative with a total budget of \$176,880.

- a) Please expand on the budget table provided with further detailed evidence showing the items that make up the following costs that have been included in the budget for:
  - i. Event Planning and Administration
  - ii. Overhead
  - iii. Incentives (promotional giveaways)

7) Reference: Exhibit C, Tab 1, Schedule 2, Page 5 of 55

Preamble: Hydro One Brampton shows the cost-effectiveness test results for the Community Education Initiative as TRC = 1.9 and PAC = 1.1.

- a) Please confirm that Hydro One Brampton complied with Section 4.1.1 of the CDM Code and used the OPA's Cost Effectiveness Tests.

- b) Please provide the specific calculations, both TRC and PAC, which yielded the cost-effectiveness results shown in the application.

8) Reference: Exhibit C, Tab 1, Schedule 2, Page 6-9 of 55

Preamble: Hydro One Brampton has provided a draft evaluation plan for its proposed Community Events Initiative.

- a) Has Hydro One Brampton received, or did Hydro One Brampton review, the finalized EM&V Protocols from the OPA when preparing its Draft Evaluation Plan for the Community Events Initiative and all of its other proposed Board-Approved CDM Programs found within this application?
- b) If the answer to 8(a) is no, please discuss how Hydro One Brampton will update its Draft Evaluation Plan and other EM&V functions after the OPA's EM&V Protocols are finalized.
- c) If the answer to 8(a) is no, please discuss and provide the EM&V protocols Hydro One Brampton used when preparing its Draft Evaluation Plan.
- d) Please discuss if Hydro One Brampton will combine its EM&V efforts for this program with HONI?
- e) If the response to (a) is no, please expand on Hydro One Brampton's rationale for not combining its EM&V efforts with HONI even though, if approved, the two utilities will be offering the same program.

9) Reference: Exhibit C, Tab 1, Schedule 2, Page 8 & 9 of 55

Preamble: Within the Draft Evaluation Plan for the Community Education Initiative are three areas that Hydro One Brampton has noted further development is necessary. These three areas are the Data Collection Responsibilities to Support Program Evaluation, Evaluation Schedule and Budget, and the Evaluation Team.

- a) Please provide any and all updates to the Data Collection Responsibilities to Support Program Evaluation section.
- b) Has Hydro One Brampton agreed to terms with a third party EM&V expert to assist in ensuring that complete and appropriate collection of data to support program evaluation is acquired?
- c) If the answer to (b) is yes, who has Hydro One Brampton agreed to terms with?
- d) If the answer to (b) is no, please discuss the process and schedule for which Hydro One Brampton plans to have a third party EM&V expert in place.
- e) Please provide an update to the Evaluation Schedule and Budget table, updating all the items where Hydro One Brampton has "TBD".
- f) Hydro One Brampton has "TBD" listed as the total evaluation budget. Please discuss the dollar amount Hydro One Brampton included as the total EM&V budget in the calculation when completing the cost effectiveness tests.

- g) Please discuss the evaluation process Hydro One Brampton plans on administering for the Customer Education Initiative. In your response, discuss the specific elements Hydro One Brampton will focus on and how it will ensure accuracy in its methods and final results.
- h) Please provide an update to the Evaluation Team table, updating all the items where Hydro One Brampton has "TBD".

## **Neighbourhood Benchmarking – Initiative #2**

10) Reference: Exhibit C, Tab 1, Schedule 2, Page 10 of 55

Preamble: Hydro One Brampton states that the Neighbourhood Benchmarking program is non-duplicative from all OPA-Contracted Initiatives as it is the only program that addresses behavioural changes based on peer comparison and influence.

- a) Please discuss the process that Hydro One Brampton followed in determining if the Neighbourhood Benchmarking Initiative does not duplicate any of the OPA-Contracted Province-Wide CDM Programs. Provide all correspondence and documentation between Hydro One Brampton and the OPA that addresses the fact that the Neighbourhood Benchmarking Initiative does not duplicate an OPA-Contracted Province-Wide CDM Program.

11) Reference: Exhibit C, Tab 1, Schedule 2, Page 10 of 55

Preamble: Hydro One Brampton notes that customers will receive a paper-based "Home Energy Report" that offers insights about their individual energy use as well as a comparison with their neighbourhood energy use.

- a) Please provide further description of the Home Energy Report that customers will receive. Will Hydro One Brampton be including any detailed information regarding other neighbouring customers' energy usage?
- b) If the answer to (a) is that yes, there will be detailed information about neighbouring customers energy usage included in the report, please discuss if Hydro One Brampton has or will receive(d) sign-off from the customers it cites in the report.
- c) Please discuss if Hydro One Brampton will allow customers receive electronic Home Energy Reports via e-mail?

12) Reference: Exhibit C, Tab 1, Schedule 2, Page 10 of 55

Preamble: Hydro One Brampton states at line 18 that "neighbouring benchmarking has been proven successful in other jurisdictions...".

- a) Please expand on this statement and provide references to other research studies, reports, evaluations or any other documentation that supports the statement above.

13) Reference: Exhibit C, Tab 1, Schedule 2, Page 10 of 55

Preamble: Hydro One Brampton notes that Initiative #2 is centred on a paper-based "Home Energy Report" which is mailed to consumers and that the information included in the report motivates them to take action and reduce their household energy use.

- a) Has Hydro One Brampton built in any follow-up procedures (i.e. phone call, e-mail, home visit) into the program to ensure that customers are in fact reviewing the Home Energy Report and simply not discarding the document?

14) Reference: Exhibit C, Tab 1, Schedule 2, Page 11 of 55

Preamble: Hydro One Brampton notes at line 6 that this behavioural science-driven model has proven results with over 20 U.S. utilities which indicate that people will take action to conserve energy when they are made aware of how their energy usage pattern compares with their neighbours or peers.

- a) Please provide supporting documentation that shows positive results with similar initiatives as the Neighbourhood Benchmarking program at the 20 U.S. utilities mentioned above.

15) Reference: Exhibit C, Tab 1, Schedule 2, Page 11 of 55

Preamble: Hydro One Brampton notes that the results of the Home Energy Reporting system will be measured using a proven scientific test and control group methodology.

- a) Please discuss in detail the scientific tests that will be used to measure the results of the Home Energy Reporting system.

16) Reference: Exhibit C, Tab 1, Schedule 2, Page 11 of 55

Preamble: Hydro One Brampton notes that part of the information provided to the customer in the report card will include comparisons to the customer's closest neighbours and most efficient neighbours.

- a) Will Hydro One Brampton be including any personal information (i.e. name, address) from "neighbouring" customers on the report card? If so, please discuss what will be included.

17) Reference: Exhibit C, Tab 1, Schedule 2, Page 14 of 55

Preamble: Hydro One Brampton has provided a table displaying the budget for its Neighbourhood Benchmarking Initiative with a total budget of \$1.55M.

- a) Please expand on the budget table provided with further detailed evidence showing the items that make up the following costs that have been included in the budget for:
  - i. Administrative Costs
  - ii. Setup and data management
  - iii. Home energy reports and Web
  - iv. Advanced Features
  - v. Data Transfers
  - vi. Overhead

18) Reference: Exhibit C, Tab 1, Schedule 2, Page 14 of 55

Preamble: Hydro One Brampton has provided the cost-effectiveness test results for the Neighbourhood Benchmarking Initiative of: TRC = 1.2 and PAC=1.2.

- a) Please confirm that Hydro One Brampton complied with Section 4.1.1 of the CDM Code and used the OPA's Cost Effectiveness Tests.
- b) Please provide the specific calculations, both TRC and PAC, which yielded the cost-effectiveness results shown in the application.

19) Reference: Exhibit C, Tab 1, Schedule 2, Page 15-19 of 55

Preamble: Hydro One Brampton has provided a draft evaluation plan for its proposed Neighbourhood Benchmarking Initiative.

- a) Please discuss if Hydro One Brampton will combine its EM&V efforts for this program with HONI?
- b) If the response to (a) is no, please expand on Hydro One Brampton's rationale for not combining its EM&V efforts with HONI even though, if approved, the two utilities will be offering the same program.

20) Reference: Exhibit C, Tab 1, Schedule 2, Page 18-19 of 55

Preamble: Within the Draft Evaluation Plan for the Neighbourhood Benchmarking Initiative are three areas that Hydro One Brampton has noted further development is necessary. These three areas are the Data Collection Responsibilities to Support Program Evaluation, Evaluation Schedule and Budget, and the Evaluation Team.

- a) Please provide any and all updates to the Data Collection Responsibilities to Support Program Evaluation section.

- b) Has Hydro One Brampton agreed to terms with a third party EM&V expert to assist in ensuring that complete and appropriate collection of data to support program evaluation is acquired?
- c) If the answer to (b) is yes, who has Hydro One Brampton agreed to terms with?
- d) If the answer to (b) is no, please discuss the process and schedule for which Hydro One Brampton plans to have a third party EM&V expert in place.
- e) Please provide an update to the Evaluation Schedule and Budget table, updating all the items where Hydro One Brampton has "TBD".
- f) Hydro One Brampton has "TBD" listed as the total evaluation budget. Please discuss the dollar amount Hydro One Brampton included as the total EM&V budget in the calculation when completing the cost effectiveness tests.
- g) Please provide an update to the Evaluation Team table, updating all the items where Hydro One Brampton has "TBD".

### **Monitoring and Targeting – Initiative #3**

21) Reference: Exhibit C, Tab 1, Schedule 2, Page 20 of 55

Preamble: Hydro One Brampton notes that the Monitoring and Targeting ("M&T") Initiative offers financial incentives toward an M&T system up to a maximum amount per M&T installation as well as performance incentives up to a specified amount for achieved energy savings.

- a) Please discuss how the financial incentive towards an M&T system of up to the maximum amount per M&T installation is determined. What is the process for determining the incentive each participant is eligible for?
- b) What is the process for determining how much of a performance incentive participants will earn based on achieved energy savings?
- c) Is there a maximum performance incentive amount a participant is able to earn? If so, what is the maximum?

22) Reference: Exhibit C, Tab 1, Schedule 2, Page 20-21 of 55

Preamble: Hydro One Brampton states that the proposed Monitoring and Targeting Initiative is a comprehensive, all-encompassing initiative that will assist participants to undertake M&T as the main project and not merely as an enabler, as Hydro One Brampton notes is the case with the OPA's Industrial Accelerator initiative.

- a) Please discuss the process that Hydro One Brampton followed in determining if the Monitoring and Targeting Initiative does not duplicate any of the OPA-Contracted Province-Wide CDM Programs. Provide all correspondence and documentation between Hydro One Brampton and the OPA that addresses the fact that the Monitoring and Targeting Initiative does not duplicate an OPA-Contracted Province-Wide CDM Program.



- b) Has Hydro One Brampton received confirmation from the OPA that its Industrial Accelerator Program cannot be customized to resemble the Monitoring and Targeting Initiative?

23) Reference: Exhibit C, Tab 1, Schedule 2, Page 21 of 55

Preamble: Hydro One Brampton notes that the Initiative will ensure that the customer's senior management fully supports the M&T project to establish it as a continuous improvement process.

- a) Please explain how Hydro One Brampton will ensure that the customer's senior management fully supports the M&T project.

24) Reference: Exhibit C, Tab 1, Schedule 2, Page 23 of 55

Preamble: Hydro One Brampton has provided a table displaying the budget for its Monitoring and Targeting Initiative with a total budget of \$1.435M.

- b) Please expand on the budget table provided with further detailed evidence showing the items that make up the following costs that have been included in the budget for:
  - i. Administrative Costs
  - ii. Marketing & Site visits Costs
  - iii. Fixed Allocable Costs
  - iv. Variable Costs

25) Reference: Exhibit C, Tab 1, Schedule 2, Page 23 of 55

Preamble: Hydro One Brampton has provided the cost-effectiveness test results for the Neighbourhood Benchmarking Initiative of: TRC = 1.6 and PAC=2.0.

- c) Please confirm that Hydro One Brampton complied with Section 4.1.1 of the CDM Code and used the OPA's Cost Effectiveness Tests.
- d) Please provide the specific calculations, both TRC and PAC, which yielded the cost-effectiveness results shown in the application.

26) Reference: Exhibit C, Tab 1, Schedule 2, Page 24-27 of 55

Preamble: Hydro One Brampton has provided a draft evaluation plan for its proposed Monitoring and Targeting Initiative.

- a) Please discuss if Hydro One Brampton will combine its EM&V efforts for this program with HONI?

- b) If the response to (a) is no, please expand on Hydro One Brampton's rationale for not combining its EM&V efforts with HONI even though, if approved, the two utilities will be offering the same program.

27) Reference: Exhibit C, Tab 1, Schedule 2, Page 26-27 of 55

Preamble: Within the Draft Evaluation Plan for the Monitoring and Targeting Initiative are three areas that Hydro One Brampton has noted further development is necessary. These three areas are the Data Collection Responsibilities to Support Program Evaluation, Evaluation Schedule and Budget, and the Evaluation Team.

- a) Please provide any and all updates to the Data Collection Responsibilities to Support Program Evaluation section.
- b) Has Hydro One Brampton agreed to terms with a third party EM&V expert to assist in ensuring that complete and appropriate collection of data to support program evaluation is acquired?
- c) If the answer to (b) is yes, who has Hydro One Brampton agreed to terms with?
- d) If the answer to (b) is no, please discuss the process and schedule for which Hydro One Brampton plans to have a third party EM&V expert in place.
- e) Please provide an update to the Evaluation Schedule and Budget table, updating all the items where Hydro One Brampton has "TBD".
- f) Hydro One Brampton has "TBD" listed as the total evaluation budget. Please discuss the dollar amount Hydro One Brampton included as the total EM&V budget in the calculation when completing the cost effectiveness tests.
- g) Please provide an update to the Evaluation Team table, updating all the items where Hydro One Brampton has "TBD".

#### **Small Commercial Energy Management and Load Control – Initiative #4**

28) Reference: Exhibit C, Tab 1, Schedule 2, Page 29 of 55

Preamble: Hydro One Brampton notes that the proposed initiative is solely designed to meet the needs of small commercial customers with up to 200kW load. Hydro One Brampton further notes that although the OPA Demand Response Initiative has been offered to small commercial customers (under 50kW) load, participation has been very limited.

- a) Please discuss the process that Hydro One Brampton followed in determining if the Small Commercial Energy Management and Load Control Initiative does not duplicate any of the OPA-Contracted Province-Wide CDM Programs. Provide all correspondence and documentation between Hydro One Brampton and the OPA that addresses the fact that the Small Commercial Energy Management and Load Control Initiative does not duplicate an OPA-Contracted Province-Wide CDM Program.

- b) Did Hydro One Brampton discuss customizing either the DR1 or DR3 OPA programs with the OPA prior to submitting its application for Board-Approved?
- c) If the answer to (b) is yes, please discuss the response Hydro One Brampton received from the OPA.
- d) If the answer to (b) is no, please discuss the reasons for not contacting the OPA prior to filing the application for Board-Approved CDM Programs.
- e) Please expand on the features of the EMS system Hydro One Brampton has proposed to provide to customers to assist them in better understanding TOU rates. In your response, please compare the EMS system offered through Initiative #4 and the in-home displays the OPA will be offering through its demand response program.

29) Reference: Exhibit C, Tab 1, Schedule 2, Page 29 of 55

Preamble: Hydro One Brampton notes in regards to Initiative #4 that, unlike the OPA Residential Demand Response Program, its proposed Initiative covers the monthly fee required to allow customers to have access to the full use of the EMS system that is installed in their premises. In the CDM Code, it states at 2.3.3(a) that CDM Programs that will be considered duplicative of OPA-Contracted Province-Wide CDM Programs include, but are not limited to, CDM Programs that have different customer incentive levels on products or services already offered through the OPA-Contracted Province-Wide CDM Programs.

- a) Please discuss why Hydro One Brampton feels Initiative #4 is unique and should be granted Board approval based on the above statement stemming from 2.3.3(a) of the CDM Code.

30) Reference: Exhibit C, Tab 1, Schedule 2, Page 30 of 55

Preamble: When discussing the purpose of the Initiative, Hydro One Brampton notes in its second point – provide system benefits – that it will enable the utility to install a load control device in the customers' business, which, when active, will reduce system peak load and increase the reliability of the electricity grid.

- a) Please discuss if having a load control device installed is optional for the participant.
- b) Will customers receive the free EMS system regardless of whether or not they install a load control device?

31) Reference: Exhibit C, Tab 1, Schedule 2, Page 32 of 55

Preamble: Hydro One Brampton has provided a table displaying the budget for its Small Commercial Demand Response Initiative with a total budget of \$1.52M.

- a) Please expand on the budget table provided with further detailed evidence showing the items that make up the following costs that have been included in the budget for:
- i. Administrative Costs
  - ii. Marketing Costs
  - iii. Turn-key vendor Costs
  - iv. Turn-key vendor (load control & EMS installation) Costs
  - v. Fixed Allocable Overhead Costs
  - vi. Variable Overhead Costs
  - vii. Incentive Costs

32) Reference: Exhibit C, Tab 1, Schedule 2, Page 32 of 55

Preamble: Hydro One Brampton has provided the cost-effectiveness test results for the Small Commercial Demand Response Initiative of: TRC = 1.7 and PAC = 1.9.

- a) Please confirm that Hydro One Brampton complied with Section 4.1.1 of the CDM Code and used the OPA's Cost Effectiveness Tests.
- b) Please provide the specific calculations, both TRC and PAC, which yielded the cost-effectiveness results shown in the application.

33) Reference: Exhibit C, Tab 1, Schedule 2, Page 33-36 of 55

Preamble: Hydro One Brampton has provided a draft evaluation plan for its proposed Small Commercial Demand Response Initiative.

- a) Please discuss if Hydro One Brampton will combine its EM&V efforts for this program with HONI?
- b) If the response to (a) is no, please expand on Hydro One Brampton's rationale for not combining its EM&V efforts with HONI even though, if approved, the two utilities will be offering the same program.

34) Reference: Exhibit C, Tab 1, Schedule 2, Page 35-36 of 55

Preamble: Within the Draft Evaluation Plan for the Small Commercial Demand Response Initiative are three areas that Hydro One Brampton has noted further development is necessary. These three areas are the Data Collection Responsibilities to Support Program Evaluation, Evaluation Schedule and Budget, and the Evaluation Team.

- a) Please provide any and all updates to the Data Collection Responsibilities to Support Program Evaluation section.
- b) Has Hydro One Brampton agreed to terms with a third party EM&V expert to assist in ensuring that complete and appropriate collection of data to support program evaluation is acquired?

- c) If the answer to (b) is yes, who has Hydro One Brampton agreed to terms with?
- d) If the answer to (b) is no, please discuss the process and schedule for which Hydro One Brampton plans to have a third party EM&V expert in place.
- e) Please provide an update to the Evaluation Schedule and Budget table, updating all the items where Hydro One Brampton has "TBD".
- f) Hydro One Brampton has "TBD" listed as the total evaluation budget. Please discuss the dollar amount Hydro One Brampton included as the total EM&V budget in the calculation when completing the cost effectiveness tests.
- g) Please provide an update to the Evaluation Team table, updating all the items where Hydro One Brampton has "TBD".

### **Municipal and Hospital Energy Efficiency Performance – Initiative #5**

35) Reference: Exhibit C, Tab 1, Schedule 2, Page 37 of 55

Preamble: Hydro One Brampton notes that the proposed OPA-Contracted Province-Wide commercial and industrial CDM programs (i.e. Electricity Retrofit Incentive Program and the Power Savings Blitz) offer incentives based on capital investment and equipment replacement by the participant, whereas the proposed Municipal and Hospital Energy Efficiency Performance Initiative focuses on organizational best practices in energy management and efficiency and overall energy performance improvements, therefore making it unique from the OPA offering.

- a) Please discuss the process that Hydro One Brampton followed in determining if the Municipal and Hospital Energy Efficiency Performance Initiative does not duplicate any of the OPA-Contracted Province-Wide CDM Programs. Provide all correspondence and documentation between Hydro One Brampton and the OPA that addresses the fact that the Municipal and Hospital Energy Efficiency Performance Initiative does not duplicate an OPA-Contracted Province-Wide CDM Program.
- b) Has Hydro One Brampton discussed customizing the ERIP and/or Power Savings Blitz programs with the OPA to include incentives based on organizational best practices in energy management and overall energy performance improvements?

36) Reference: Exhibit C, Tab 1, Schedule 2, Page 38 of 55

Preamble: Hydro One Brampton notes that one element of Initiative #5 is that participants will be required to sign a memorandum of understanding ("MoU") committing to a series of tasks.

- a) Please discuss what will happen if a participant fails to meet and/or adhere to any of the commitments found within the MoU.

37) Reference: Exhibit C, Tab 1, Schedule 2, Page 41 of 55

Preamble: Hydro One Brampton has provided a table displaying the budget for its Municipal-Hospital Energy Efficiency Performance Initiative with a total budget of \$0.8M.

- a) Please expand on the budget table provided with further detailed evidence showing the items that make up the following costs that have been included in the budget for:
  - i. Administrative Costs
  - ii. Marketing Costs
  - iii. CDM Specialist Costs
  - iv. Third Party Project Review Costs
  - v. Membership/Tools/Training Costs
  - vi. Performance Review/Audits Costs
  - vii. Fixed Overhead Costs
  - viii. Variable Overhead Costs
  - ix. Incentive Costs

38) Reference: Exhibit C, Tab 1, Schedule 2, Page 41 of 55

Preamble: Hydro One Brampton has provided the cost-effectiveness test results for the Municipal-Hospital Energy Efficiency Performance Initiative of: TRC = 1.4 and PAC = 1.1.

- c) Please confirm that Hydro One Brampton complied with Section 4.1.1 of the CDM Code and used the OPA's Cost Effectiveness Tests.
- d) Please provide the specific calculations, both TRC and PAC, which yielded the cost-effectiveness results shown in the application.

39) Reference: Exhibit C, Tab 1, Schedule 2, Page 42-46 of 67

Preamble: Hydro One Brampton has provided a draft evaluation plan for its proposed Municipal-Hospital Energy Efficiency Performance Initiative.

- a) Please discuss if Hydro One Brampton will combine its EM&V efforts for this program with HONI?
- b) If the response to (a) is no, please expand on Hydro One Brampton's rationale for not combining its EM&V efforts with HONI even though, if approved, the two utilities will be offering the same program.

40) Reference: Exhibit C, Tab 1, Schedule 2, Page 45-46 of 55

Preamble: Within the Draft Evaluation Plan for the Municipal-Hospital Energy Efficiency Performance Initiative are three areas that Hydro One Brampton has

noted further development is necessary. These three areas are the Data Collection Responsibilities to Support Program Evaluation, Evaluation Schedule and Budget, and the Evaluation Team.

- a) Please provide any and all updates to the Data Collection Responsibilities to Support Program Evaluation section.
- b) Has Hydro One Brampton agreed to terms with a third party EM&V expert to assist in ensuring that complete and appropriate collection of data to support program evaluation is acquired?
- c) If the answer to (b) is yes, who has Hydro One Brampton agreed to terms with?
- d) If the answer to (b) is no, please discuss the process and schedule for which Hydro One Brampton plans to have a third party EM&V expert in place.
- e) Please provide an update to the Evaluation Schedule and Budget table, updating all the items where Hydro One Brampton has "TBD".
- f) Hydro One Brampton has "TBD" listed as the total evaluation budget. Please discuss the dollar amount Hydro One Brampton included as the total EM&V budget in the calculation when completing the cost effectiveness tests.
- g) Please provide an update to the Evaluation Team table, updating all the items where Hydro One Brampton has "TBD".

#### **Double Return Plus – Initiative #6**

41) Reference: Exhibit C, Tab 1, Schedule 2, Page 48 of 55

Preamble: Hydro One Brampton describes the Double Return Plus Initiative and highlights the fact that it is based on targeting non-dispatchable load and that it also aims at reducing energy consumption, whereas the OPA's Demand Response programs are based on dispatchable load control and, as a result, have minimal energy savings.

- a) Please discuss the process that Hydro One Brampton followed in determining if the Double Return Plus Initiative does not duplicate any of the OPA-Contracted Province-Wide CDM Programs. Provide all correspondence and documentation between Hydro One Brampton and the OPA that addresses the fact that the Double Return Plus Initiative does not duplicate an OPA-Contracted Province-Wide CDM Program.
- b) Has Hydro One Brampton received confirmation from the OPA that OPA programs cannot be customized to meet the stated goals of the Double Return Plus program Hydro One Brampton has discussed in its application?

42) Reference: Exhibit C, Tab 1, Schedule 2, Page 48 of 55

Preamble: Hydro One Brampton states that the OPA has already approved the Double Return program as a Custom Program distinct from the OPA's Demand

Response 1/Demand Response 3 programs, and all three programs coexisted in the marketplace in 2008 and 2009.

- a) Please discuss why Hydro One Brampton has decided to come to the Board for approval of the Double Return Plus program rather than working with the OPA to offer the program as a customized demand response offering?
- b) Please provide the rationale for not pursuing administrative efficiencies and partnering with either the OPA or other LDCs, given the success and popularity of the first generation Double Return program amongst Hydro One's customers as well as other stakeholders, and deciding to apply for Board approval on a stand-alone basis.

43) Reference: Exhibit C, Tab 1, Schedule 2, page 48 of 55

Preamble: Hydro One Brampton notes that the Double Return Plus Initiative will also offer free expert on-site visits to identify specific opportunities in customers' facilities.

- a) Will the free expert on-site visits be a one-time event or happen periodically (i.e. annually)?

44) Reference: Exhibit C, Tab 1, Schedule 2, Page 49 of 55

Preamble: Hydro One Brampton notes that the Double Return Plus Initiative targets the pursuit of continuous and deeper energy savings beyond the traditional commercial and institutional CDM programs that focus only on technology or equipment replacement.

- a) Please discuss if Hydro One Brampton suggested altering the OPA's demand response programs to allow for more than technology or equipment replacements during the consultation and working groups that developed the OPA-Contracted Province-Wide suite of CDM programs.
- b) If Hydro One Brampton did not offer this suggestion during the forum, please provide the rationale for not doing so.

45) Reference: Exhibit C, Tab 1, Schedule 2, Page 49 of 55

Preamble: Hydro One Brampton notes that the Double Return Plus Initiative is projected to achieve 11 MW peak reduction by the end of 2014 and that a portion of the peak reduction will have one year persistence attributable to behavioural changes, and the remaining peak reduction will have multi-year persistence attributable to the application of the load management system.

- a) Please provide further evidence showing the portion of peak reductions Hydro One Brampton projects that will be attributable to behavioural changes and



the portion of peak reductions Hydro One Brampton projects that will be attributable to the load management system.

46) Reference: Exhibit C, Tab 1, Schedule 2, Page 51 of 55

Preamble: Hydro One Brampton has provided a table displaying the budget for its Double Return Plus Initiative with a total budget of \$2.4M.

- b) Please expand on the budget table provided with further detailed evidence showing the items that make up the following costs that have been included in the budget for:
  - i. Administrative Costs
  - ii. Marketing Costs
  - iii. Site visits/verification costs
  - iv. Turn-key vendor/ load balancing costs
  - v. Fixed Overhead Costs
  - vi. Variable Overhead Costs
  - vii. Financial Incentive Costs

47) Reference: Exhibit C, Tab 1, Schedule 2, Page 51 of 55

Preamble: Hydro One Brampton has provided the cost-effectiveness test results for the Double Return Plus Initiative of: TRC = 11.3 and PAC = 7.4.

- a) Please confirm that Hydro One Brampton complied with Section 4.1.1 of the CDM Code and used the OPA's Cost Effectiveness Tests.
- b) Please provide the specific calculations, both TRC and PAC, which yielded the cost-effectiveness results shown in the application.
- c) Please discuss if Hydro One Brampton shared the cost effectiveness test results shown above with the OPA.
- d) If the response to (c) is that Hydro One Brampton has not shared the results with the OPA, please discuss the rationale for not doing so.

48) Reference: Exhibit C, Tab 1, Schedule 2, Page 52-55 of 55

Preamble: Hydro One Brampton has provided a draft evaluation plan for its proposed Double Return Plus Initiative.

- a) Please discuss if Hydro One Brampton will combine its EM&V efforts for this program with HONI?
- b) If the response to (a) is no, please expand on Hydro One Brampton's rationale for not combining its EM&V efforts with HONI even though, if approved, the two utilities will be offering the same program.

49) Reference: Exhibit C, Tab 1, Schedule 2, Page 54-55 of 55

Preamble: Within the Draft Evaluation Plan for the Double Return Plus Initiative are three areas that Hydro One Brampton has noted further development is necessary. These three areas are the Data Collection Responsibilities to Support Program Evaluation, Evaluation Schedule and Budget, and the Evaluation Team.

- a) Please provide any and all updates to the Data Collection Responsibilities to Support Program Evaluation section.
- b) Has Hydro One Brampton agreed to terms with a third party EM&V expert to assist in ensuring that complete and appropriate collection of data to support program evaluation is acquired?
- c) If the answer to (b) is yes, who has Hydro One Brampton agreed to terms with?
- d) If the answer to (b) is no, please discuss the process and schedule for which Hydro One Brampton plans to have a third party EM&V expert in place.
- e) Please provide an update to the Evaluation Schedule and Budget table, updating all the items where Hydro One Brampton has "TBD".
- f) Hydro One Brampton has "TBD" listed as the total evaluation budget. Please discuss the dollar amount Hydro One Brampton included as the total EM&V budget in the calculation when completing the cost effectiveness tests.
- g) Please provide an update to the Evaluation Team table, updating all the items where Hydro One Brampton has "TBD".