



November 14, 2011

Re: Estimated allocation of 2006-2010 provincial conservation results to Local Distribution Company service territories – detailed: Erie Thames Powerlines Corporation

Dear Chris White,

The Ontario Power Authority (OPA) is pleased to provide the enclosed report as a more detailed version to the Final 2010 Conservation and Demand Management (CDM) Summary Results report which was distributed to LDCs on Friday September 16, 2011.

About this report

The report provides an estimated allocation of OPA-funded conservation program results for each LDC's service territory, from 2006, 2007, 2008, 2009 and 2010 programs. One update has been made to the report circulated in September:

- Revisions/Corrections to previous reports:
 - 2009 Great Refrigerator Roundup
 - The results from this initiative have been adjusted for several LDCs due to a linking error that may have resulted in higher or lower savings than actual.
- The allocated project counts for 2010 ERIP have been replaced with the actual number of projects within each LDC territory that were received and entered into OPA processing on or before March 31, 2011. There was no change to the resource savings for each LDC.
- Upcoming updates to this report:
 - 2010 ERIP, MEER, PSB and HPNC
 - An update to this report will be issued to reflect any additional projects that were completed in 2010, but were not included in the 2010 final evaluation.
 - Any 2010 ERIP, MEER, PSB or HPNC projects completed in 2011 will be accounted for in 2011 results.

All results presented herein are considered final.

The results provided in the enclosed report are in accordance with OPA practices and policies for reporting progress against the provincial conservation goals as of September 2011. DR initiatives, for example, have been reported based on the total DR resources that were available (based on contracted nameplate capacity) rather than the actual demand reduction which occurred at the one-hour system peak in a given year. Additionally, customer based generation resources shown for the Renewable Energy Standard Offer Program and Other Customer Based Generation are based on total contracts signed in each year, rather than in-service date.

The OPA welcomes inquiries regarding the determination of these province-wide CDM program results and/or allocation of these results to individual LDC territories. However the OPA is unable to provide any technical or regulatory advice to LDCs regarding specific treatment of these OPA-funded

CDM program savings for the purposes of Lost Revenue Adjustment Mechanism or other filings by LDCs to the OEB. Such inquiries should be directed to the OEB.

Allocation methodologies

The OPA has used four distinct methodologies to estimate the allocation of provincial savings to individual LDC service territories, depending on the conservation program type:

- 1) **LDC delivered programs:** Savings were allocated based on participation data that was tracked by individual LDCs.

Third-party (non-LDC) delivered programs:

- 2) Where geographic participant data was readily available, savings were allocated to corresponding LDC territory.
- 3) Where geographic participation was not readily available, savings were allocated based on each LDC's share of the provincial energy consumption for the customer class targeted by the program, based on data from the Ontario Energy Board Yearbook of Electricity Distributors for the respective year the program was delivered. For example, if an LDC had 10% of the residential energy consumption of Ontario in 2010, they would have been allocated 10% of the savings from the 2010 province-wide Every Kilowatt Counts Power Savings Event retail coupon initiative (as it is delivered by a third party and does not include LDC-specific participant data).
- 4) Programs run exclusively in a particular LDC territory: All energy and demand savings were allocated to the particular LDC.

Report structure

The structure of the enclosed spreadsheet-based report is consistent with past reports. It includes the following tabs:

- 1) **Allocation Methodology:** Provides an initiative-by-initiative summary of the allocation methodology applied to arrive at your specific Local Distribution Company share of the total provincial results.
- 2) **Summary - LDC:** Provides a portfolio-level summary of the annual resource savings (demand and energy, net and gross for each) for the 2006–2010 program portfolios at your specific Local Distribution Company level.
- 3) **Summary - Prov:** Provides a portfolio-level summary of the annual resource savings (demand and energy, net and gross for each) for the 2006–2010 program portfolios at the provincial level.
- 4) **Annual Net Demand Savings – LDC:** Provides a stacked bar graph of the annual net peak demand savings (MW) that are estimated to occur within your service territory from 2006 through 2050, as a result of 2006–2010 programs.
- 5) **Annual Net Energy Savings – LDC:** Provides a stacked bar graph of the annual net energy savings (MWh) that are estimated to occur within your service territory from 2006 through 2050, as a result of 2006–2010 programs.
- 6) **Annual Net Demand Savings – Prov:** Provides a stacked bar graph of the annual net peak demand savings (MW) that are estimated to occur across the province from 2006 through 2050, as a result of 2006–2010 programs.

- 7) **Annual Net Energy Savings – Prov:** Provides a stacked bar graph of the annual net energy savings (MWh) that are estimated to occur across the province from 2006 through 2050, as a result of 2006–2010 programs.
- 8) **Initiative Level – LDC:** Provides a breakdown of the portfolio-level summary information provided in Summary tab for your specific LDC, by individual initiative and year.
- 9) **Initiative Level – Prov:** Provides a breakdown of the portfolio-level summary information provided in Summary tab at the province level, by individual initiative and year.
- 10) **Measures – LDC:** For each initiative in each year, this tab provides (where available): per unit savings assumptions; gross and net peak demand savings, annual & lifetime energy savings, effective useful life; aggregate net-to-gross adjustment factors; participation numbers and the resulting initiative level resource savings results for the estimated provincial share for your LDC service territory.
- 11) **Measures – Prov:** For each initiative in each year, this tab provides (where available): per unit savings assumptions: gross and net: peak demand savings, annual & lifetime energy savings, effective useful life and aggregate net-to-gross adjustment factors, and participation numbers and the resulting initiative level resource savings results at the provincial level.
- 12) **Local Distribution Companies:** includes the Ontario Energy Board Year Book of Electricity Distributors data from 2006-2010 that was used for results allocation amongst LDCs.

Third-party evaluation reports

Third-party evaluation reports for evaluated 2010 initiatives will be available in the next month on the OPA website. <http://www.powerauthority.on.ca/evaluation-measurement-and-verification/evaluation-reports>.

We hope that you find this report both informative and useful. If you have any questions, please do not hesitate to contact us at LDC Support (LDC.Support@powerauthority.on.ca)

With kind regards,

Sorana Ionescu
Director, Evaluation and Awareness