

ATTACHMENT 11 – LOST REVENUE ADJUSTMENT MECHANISM VARIANCE ACCOUNT

WORK FORM HORIZON UTILITIES



Ontario Energy Board

Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form

Version 2.0 (2017)

Generic LRAMVA Work Forms

| Worksheet Name | Description |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. LRAMVA Summary | Tables 1-a and 1-b provide a summary of the LRAMVA balances and carrying charges associated with the LRAMVA disposition. The balances are populated from entries into other tabs throughout this work form. |
| 1-a. Summary of Changes | Tables X-1 and X-2 include a template for LDCs to summarize changes to the LRAMVA work form. |
| 2. LRAMVA Threshold | Tables 2-a, 2-b and 2-c include the LRAMVA thresholds and allocations by rate class. |
| 3. Distribution Rates | Tables 3-a and 3-b include the distribution rates that are used to calculate lost revenues. |
| 4. 2011-2014 LRAM | Tables 4-a, 4-b, 4-c and 4-d include the template 2011-2014 LRAMVA work forms. |
| 5. 2015-2020 LRAM | Tables 5-a, 5-b, 5-c and 5-d include the template 2015-2020 LRAMVA work forms. |
| 6. Carrying Charges | Table 6-b includes the variance on carrying charges related to the LRAMVA disposition. |
| 7. Persistence Data | Tables 7-a to 7-j should be populated with CDM savings persistence data provided to LDCs from the IESO. |

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While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results.



LRAMVA Work Form: Inputs-Outputs Schematic

Version 2.0 (2017)

General Note on the LRAMVA Model

The LRAMVA work form has been created in a generic manner that should allow for use by all LDCs. There are some elements that are not applicable at this time (i.e., 2017, 2018, 2019 and 2020 related components). These have been included (but hidden in the work form) in an effort to avoid major updates in the future. This LRAMVA work form consolidates information that LDCs are already required to file with the OEB. The model has been created to provide LDCs with a consistent format to display CDM impacts, the forecast savings component and, ultimately, any variance between actual CDM savings and forecast CDM savings. The majority of the information required in the LRAMVA work form will be provided to LDCs from the IESO as part of the Final CDM Results each year. Please contact the IESO for any reports that may be required to complete this LRAMVA work form.

The LRAMVA work form is unlocked to enable LDCs to tailor it to their own unique circumstances.

LRAMVA (\$) = (Actual Net CDM Savings - Forecast CDM Savings) x Distribution Volumetric Rate + Carrying Charges from LRAMVA balance

Legend

Drop Down List (Blue)

Important Checklist Items

| | |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Yes | Highlighted changes to this work form, if any, and provided rationale for the change in Tab 1-a |
| Yes | Included any necessary assumptions in the "Notes" section of the work form tables and summarized important assumptions in Tab 1-a |
| Yes | Included the basis and source of the LRAMVA threshold to determine forecast CDM savings in Tab 2 |
| Yes | Included initiative-level persistence savings information as provided by the IESO directly in this work form (pasted in Tabs 7-a, 7-b, etc.) |
| Yes | Applied IESO verified savings adjustments back to year of program implementation in Tabs 4 and 5 |
| Yes | Included documentation or data substantiating program savings that are included in the claim, but not provided in the IESO's verified results reports, in a new tab in this work form (streetlighting projects, etc.) |
| | Included documentation or analysis of how rate class allocations were determined each year in a new tab in this work form |

| Work Form Calculations | Source of Calculation | Inputs (Tables to Complete) | Source of Data Inputs | Outputs of Data (Auto-Populated) |
|------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------|-------------------------------------------|-----------------------------------------------|
| Actual Incremental CDM Savings by Initiative | Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM" | Tables 4-a to 4-d / 5-a to 5-f (Columns D & O) | IESO Verified Persistence Results Reports | Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL) |
| +/- IESO Verified Savings Adjustments | Tab "4. 2011-2014 LRAM" | Tables 4-a to 4-d / 5-a to 5-f (Columns D-M & Columns O-X) | IESO Verified Persistence Results Reports | Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL) |
| + Initiative Level Savings Persistence | Tab "4. 2011-2014 LRAM" | Tables 4-a to 4-d / 5-a to 5-f (Columns E-M & Columns P-X) | IESO Verified Persistence Results Reports | Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL) |
| <u>x Allocation % to Rate Class</u> | Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM" | Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AJ) | LDC | |
| Actual Lost Revenues (kWh and kW) by Rate Class | Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM" | | | |
| - Forecast Lost Revenues (kWh and kW) by Rate Class | Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM" | Tab "2. LRAMVA Threshold" Tables 2-a, 2-b and 2-c | | |
| <u>x Distribution Rate by Rate Class</u> | Tab "3. Distribution Rates" | Table 3 | LDC's Approved Tariff Sheets | |
| LRAMVA (\$) by Rate Class | Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM" | | | Tables 1-a and 1-b |
| <u>+ Carrying Charges (\$) by Rate Class</u> | Tabs "1. LRAMVA Summary" and "6. Carrying Charges" | Table 6 | | Table 6-a |
| Total LRAMVA (\$) by Rate Class | Tab "1. LRAMVA Summary" | | | |



Ontario Energy Board

LRAMVA Work Form: Summary Tab

Version 2.0 (2017)

Legend

| |
|------------------------------|
| User Inputs (Green) |
| Drop Down List (Blue) |
| Auto Populated Cells (White) |
| Instructions (Grey) |

LDC Name

Alectra Utilities - Legacy Horizon Utilities Corporation

Application Details

Please fill in the requested information: a) the amounts approved in the previous LRAMVA application, b) details on the current application, and c) documentation of changes if applicable.

A. Previous LRAMVA Application

| | |
|--------------------------------------------------|--------------------------|
| Previous LRAMVA Application (EB#) | EB-2014-0002 |
| Application of Previous LRAMVA Claim | 2013 COS/IRM Application |
| Period of LRAMVA Claimed in Previous Application | 2011-2012 |
| Amount of LRAMVA Claimed in Previous Application | -\$ 244,468.00 |

B. Current LRAMVA Application

| | | | |
|------------------------------------------|--------------------------|----|-----------|
| Current LRAMVA Application (EB#) | EB-20XX-XXXX | | |
| Application of Current LRAMVA Claim | 2018 COS/IRM Application | | |
| Period of New LRAMVA in this Application | 2013-2015 | | |
| Actual Lost Revenues (\$) | A | \$ | 2,222,972 |
| Forecast Lost Revenues (\$) | B | \$ | 987,931 |
| Carrying Charges (\$) | C | \$ | 46,276 |
| LRAMVA (\$) for Account 1568 | A-B+C | \$ | 1,281,317 |

C. Documentation of Changes

| | |
|------------------------------|--|
| Original Amount | |
| Amount for Final Disposition | |

Table 1-a. LRAMVA Totals by Rate Class

Please update the customer rate classes applicable to the LDC in Table 1-a below. This will update all tables throughout the workform. The LRAMVA total by rate class in Table 1-a should be used to inform the determination of rate riders in the Deferral and Variance Account Work Form or IRM Rate Generator Model. If the LDC has more than 14 customer classes, LDCs are required to add rows to Table 1-a and update all tables and formulas in the work form accordingly. Please also ensure that the principle amounts in column E of Table 1-a capture the appropriate years and amounts for the LRAMVA claim.

| Customer Class | Billing Unit | Principle (\$) | Carrying Charges (\$) | Total LRAMVA (\$) |
|--------------------------------|--------------|----------------|-----------------------|-------------------|
| Residential | kWh | \$425,370 | \$13,750 | \$439,120 |
| GS-50 kW | kWh | \$317,639 | \$9,909 | \$327,548 |
| General Service 50 to 4,999 kW | kW | \$254,164 | \$12,571 | \$266,735 |
| Large Use | kW | \$144,605 | \$7,517 | \$152,122 |
| Large Use | kW | \$9,024 | \$245 | \$9,268 |
| Street Lighting | kW | \$84,239 | \$2,284 | \$86,524 |
| | | \$0 | \$0 | \$0 |
| | | \$0 | \$0 | \$0 |
| | | \$0 | \$0 | \$0 |
| | | \$0 | \$0 | \$0 |
| | | \$0 | \$0 | \$0 |
| | | \$0 | \$0 | \$0 |
| | | \$0 | \$0 | \$0 |
| | | \$0 | \$0 | \$0 |
| | | \$0 | \$0 | \$0 |
| | | \$0 | \$0 | \$0 |
| | | \$0 | \$0 | \$0 |
| Total | | \$1,235,041 | \$46,276 | \$1,281,317 |

Table 1-b. Annual LRAMVA Breakdown by Year and Rate Class

In column C of Table 1-b below, please indicate with a 'check mark' the years in which LRAMVA has been claimed. This is to ensure that there are no amounts claimed retroactively. If you have inserted a check-mark for a particular year, please delete the amounts associated with actual and forecast lost revenues for all rate classes for that year, up to and including the total. Any prior years that a distributor has claimed lost revenues should not be included in the current LRAMVA disposition, with the exception of the case noted below.

If LDCs are seeking to claim true-up amounts that were previously approved by the OEB, please note that the 'Amount Cleared' rows are applicable to the LDC and should be filled out. This may relate to claiming the difference in LRAM approved before the May 19, 2016 Peak Demand Consultation, and the lost revenues that would have been incurred after that consultation, as approved by the OEB. If this is the case, reference to the decision must be noted in the rate application. If this is not the case, LDCs are requested to leave those rows blank.

Depending on the period of LRAMVA to be claimed in the current application, LDCs are expected to adjust the applicable totals for carrying charges in row 83 of this table and the years included in the Total LRAMVA balance in row 84, as appropriate.

| Description | LRAMVA Previously Claimed | Residential | GS-50 kW | General Service 50 to 4,999 kW | Large Use | Large Use | Street Lighting | Total |
|----------------------|---------------------------|----------------|---------------|--------------------------------|-------------|------------|-----------------|----------------|
| | | kWh | kWh | kW | kW | kW | kW | |
| 2011 Actuals | <input type="checkbox"/> | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| 2011 Forecast | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Amount Cleared | | | | | | | | |
| 2012 Actuals | <input type="checkbox"/> | \$83,536.14 | \$16,750.86 | \$66,163.43 | \$30,887.96 | \$0.00 | \$0.00 | \$197,338.39 |
| 2012 Forecast | | (\$178,574.46) | (\$36,464.51) | (\$61,938.40) | \$0.00 | \$0.00 | \$0.00 | (\$276,977.37) |
| Amount Cleared | | | | | | | | |
| 2013 Actuals | <input type="checkbox"/> | \$265,984.56 | \$75,302.35 | \$177,907.67 | \$51,322.21 | \$0.00 | \$0.00 | \$570,516.80 |
| 2013 Forecast | | (\$181,089.59) | (\$36,903.85) | (\$62,690.96) | \$0.00 | \$0.00 | \$0.00 | (\$280,684.39) |
| Amount Cleared | | | | | | | | |
| 2014 Actuals | <input type="checkbox"/> | \$471,424.82 | \$115,386.34 | \$229,230.95 | \$80,520.38 | \$0.00 | \$0.00 | \$876,562.49 |
| 2014 Forecast | | (\$183,604.72) | (\$37,343.18) | (\$63,668.98) | \$0.00 | \$0.00 | \$0.00 | (\$284,616.88) |
| Amount Cleared | | | | | | | | |
| 2015 Actuals | <input type="checkbox"/> | \$199,626.24 | \$230,290.15 | \$53,501.09 | \$1,874.33 | \$9,023.53 | \$84,239.37 | \$578,554.70 |
| 2015 Forecast | | (\$51,933.06) | (\$9,379.35) | (\$94,340.42) | \$0.00 | \$0.00 | \$0.00 | (\$145,652.84) |
| Amount Cleared | | | | | | | | |
| Carrying Charges | | | \$9,908.90 | \$12,570.54 | \$7,517.15 | \$244.71 | \$2,284.47 | \$46,276.89 |
| Total LRAMVA Balance | | \$439,120 | \$327,548 | \$266,735 | \$152,122 | \$9,268 | \$86,524 | \$1,281,317 |

Note: LDC to make note of assumptions included above, if any

Table 1-c. Breakdown of Incremental and Persisting Lost Revenues Amounts (Dollars)

LDCs are requested to clear the cells in the table to show only the amounts related to this LRAMVA application. This table is a check on the LRAMVA disposition providing a breakdown of actual incremental and persisting savings by year.

| | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total |
|-------------------------------|------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|-----------------|
| 2011 | \$ - | \$ 197,338.39 | \$ 199,236.33 | \$ 199,741.38 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 696,316.10 |
| 2012 | | \$ - | \$ 126,166.02 | \$ 126,392.63 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 252,548.65 |
| 2013 | | | \$ 245,114.45 | \$ 244,683.52 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 489,797.97 |
| 2014 | | | | \$ 305,754.96 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 305,754.96 |
| 2015 | | | | | \$ 494,315.33 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 494,315.33 |
| 2016 | | | | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| 2017 | | | | | | | \$ - | \$ - | \$ - | \$ - | \$ - |
| 2018 | | | | | | | | \$ - | \$ - | \$ - | \$ - |
| 2019 | | | | | | | | | \$ - | \$ - | \$ - |
| 2020 | | | | | | | | | | \$ - | \$ - |
| Actual Lost Revenues | \$ - | \$ 197,338.39 | \$ 570,516.80 | \$ 876,562.49 | \$ 494,315.33 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 2,138,733.01 |
| Forecast Lost Revenues | \$ - | \$ 276,977.37 | \$ 280,684.39 | \$ 284,616.88 | \$ 145,652.84 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 987,931.48 |
| Carrying Charges | \$ - | \$ 536.57 | \$ 245.49 | \$ 7,323.56 | \$ 19,104.99 | \$ 32,690.44 | \$ 46,275.89 | \$ 46,275.89 | \$ 46,275.89 | \$ 46,275.89 | \$ 243,931.45 |
| Total | \$ - | \$ 80,175.55 | \$ 290,077.89 | \$ 599,269.17 | \$ 367,767.48 | \$ 32,690.44 | \$ 46,275.89 | \$ 46,275.89 | \$ 46,275.89 | \$ 46,275.89 | \$ 1,394,732.98 |

Note: LDC to make note of assumptions included above, if any



LRAMVA Work Form: Summary of Changes

Version 2.0 (2017)

Legend

User Inputs (Green)

Drop Down List (Blue)

Instructions (Grey)

Table X-1. Changes in Assumptions from Generic Inputs in Work Form

Please document any changes in assumptions made to the work form that affect the calculation of LRAMVA. This may include, but are not limited to, the use of different monthly multipliers to claim demand savings from energy efficiency programs; use of different rate allocations between savings and adjustments; claiming historical savings persistence beyond a re-basing year; inclusion of additional adjustments affecting distribution rates; use of a different LRAMVA threshold; etc. All important changes should be highlighted in the work form as well.

| No. | Tab | Cell Reference | Description | Rationale |
|------|-------------------|----------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| 1 | 1. LRAMVA Summary | I65 | LED streetlight savings for 2015 times with the distribution volumetric rate to get the | The board approved Streetlight amount is 80,726 kW for the City of Hamilton in 2015. Horizon implem |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |
| 12 | | | | |
| 13 | | | | |
| 14 | | | | |
| etc. | | | | |

Table X-2. Updates to LRAMVA Disposition

LDCs are requested to document any changes related to interrogatories or questions during the application process that affect the LRAMVA amount.

| No. | Tab | Cell Reference | Description | Rationale |
|------|-----|----------------|-------------|-----------|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |
| 12 | | | | |
| 13 | | | | |
| 14 | | | | |
| etc. | | | | |

**LRAMVA Work Form:
Forecast Lost Revenues**

Version 2.0 (2017)

Legend

| |
|------------------------------|
| User Inputs (Green) |
| Drop Down List (Blue) |
| Auto Populated Cells (White) |
| Instructions (Grey) |

Table 2-a. LRAMVA Threshold

2011

Please provide the LRAMVA threshold approved in the cost of service (COS) application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-I. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

| | Total | Residential | GS<50 kW | General Service 50 to 4,999 kW | Large Use | Large Use | Street Lighting | | | | | | | | |
|---------|------------|-------------|-----------|--------------------------------|-----------|-----------|-----------------|---|---|---|---|---|---|---|---|
| | | kWh | kWh | kW | kW | kW | kW | | | | | | | | |
| kWh | 29,142,000 | 12,575,666 | 4,393,315 | 11,173,019 | | | | | | | | | | | |
| kW | 30,468 | | | 30,468 | | | | | | | | | | | |
| Summary | | 12,575,666 | 4,393,315 | 30,468 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Basis of Threshold 0.5* 201X + 20XX + 0.5 * 20XX (if available)

Source of Threshold 20XX Settlement Agreement, p. X

Table 2-b. LRAMVA Threshold

2015

Please provide the LRAMVA threshold approved in the last COS application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-I. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

| | Total | Residential | GS<50 kW | General Service 50 to 4,999 kW | Large Use | Large Use | Street Lighting | | | | | | | | |
|---------|------------|-------------|----------|--------------------------------|-----------|-----------|-----------------|---|---|---|---|---|---|---|---|
| | | kWh | kWh | kW | kW | kW | kW | | | | | | | | |
| kWh | 19,534,205 | 3,350,520 | 928,649 | 15,255,036 | | | | | | | | | | | |
| kW | 34,728 | | | 34,728 | | | | | | | | | | | |
| Summary | | 3,350,520 | 928,649 | 34,728 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Basis of Threshold 0.5* 201X + 20XX + 0.5 * 20XX (if available)

Source of Threshold 20XX Settlement Agreement, p. X

Table 2-c. Inputs for LRAMVA Thresholds

Please complete Table 2-c below by selecting the appropriate LRAMVA threshold year in column C. The LRAMVA threshold values in Table 2-c will auto-populate from Tables 2-a and 2-b depending on the year selected. If there was no LRAMVA threshold established for a particular year, please select the "blank" option, although it is generally expected that 2 COS applications would have been approved during the 2011 to 2020 period. The LRAMVA threshold values in Table 2-c will be auto-populated in Tabs 4 and 5 of this work form.

| Year | LRAMVA Threshold (select year) | Residential | GS<50 kW | General Service 50 to 4,999 kW | Large Use | Large Use | Street Lighting | | | | | | | | |
|------|--------------------------------|-------------|-----------|--------------------------------|-----------|-----------|-----------------|---|---|---|---|---|---|---|---|
| | | kWh | kWh | kW | kW | kW | kW | | | | | | | | |
| 2011 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2012 | 2011 | 12,575,666 | 4,393,315 | 30,468 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2013 | 2011 | 12,575,666 | 4,393,315 | 30,468 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2014 | 2011 | 12,575,666 | 4,393,315 | 30,468 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2015 | 2015 | 3,350,520 | 928,649 | 34,728 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2016 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Note: LDC to make note of assumptions included above, if any

LRAMVA Work Form: Distribution Rates

Version 2.0 (2017)

| | |
|---------------|------------------------------|
| Legend | User Inputs (Green) |
| | Auto Populated Cells (White) |
| | Instructions (Grey) |

Tables

[Table 3](#)
[Table 3-a](#)

Table 3. Inputs for Distribution Rates and Adjustments by Rate Class

The rate classes in column B of Table 3 below are auto-populated from the customer class inputs in Table 1-a of the Summary Tab. Please provide the distribution rates by rate year and applicable adjustments per rate class starting from column D of Table 3 below. Any adjustments that affect distribution rates can be incorporated in the calculation by expanding the "plus" button at the left hand bar. Table 3 will convert the distribution rates to a calendar year rate (January to December) based on the number of months from January to the start of the LDC's rate year, entered in row 16 of Table 3 (referred to as period 1). If rates are already on a January 1 to December 31 timeline, please enter 0 in row 16.

| | Billing Unit | update | update | update | update | update | update | update | update | update | update | update | update |
|--------------------------------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|--------|--------|--------|--------|--------|--------|
| Rate Year | | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
| Period 1 (# months) | | 8 | 4 | | | | | | | | | | |
| Period 2 (# months) | | 4 | 8 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| Residential | kWh | \$ 0.0125 | \$ 0.0152 | \$ 0.0142 | \$ 0.0144 | \$ 0.0146 | \$ 0.0155 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Adjusted rate | | \$ 0.0125 | \$ 0.0152 | \$ 0.0142 | \$ 0.0144 | \$ 0.0146 | \$ 0.0155 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Calendar year equivalent | | \$ | \$ 0.0143 | \$ 0.0142 | \$ 0.0144 | \$ 0.0146 | \$ 0.0155 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| GS<50 kW | kWh | \$ 0.0072 | \$ 0.0091 | \$ 0.0083 | \$ 0.0084 | \$ 0.0085 | \$ 0.0101 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Adjusted rate | | \$ 0.0072 | \$ 0.0091 | \$ 0.0083 | \$ 0.0084 | \$ 0.0085 | \$ 0.0101 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Calendar year equivalent | | \$ | \$ 0.0085 | \$ 0.0083 | \$ 0.0084 | \$ 0.0085 | \$ 0.0101 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| General Service 50 to 4,999 kW | kW | \$ 1.7875 | \$ 2.1821 | \$ 2.0329 | \$ 2.0576 | \$ 2.0897 | \$ 2.4286 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Adjusted rate | | \$ 1.7875 | \$ 2.1821 | \$ 2.0329 | \$ 2.0576 | \$ 2.0897 | \$ 2.4286 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Calendar year equivalent | | \$ | \$ 2.0506 | \$ 2.0329 | \$ 2.0576 | \$ 2.0897 | \$ 2.4286 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Large Use | kW | \$ 1.0123 | \$ 1.5301 | \$ 1.3344 | \$ 1.3507 | \$ 1.3718 | \$ 1.3465 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Adjusted rate | | \$ 1.0123 | \$ 1.5301 | \$ 1.3344 | \$ 1.3507 | \$ 1.3718 | \$ 1.3465 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Calendar year equivalent | | \$ | \$ 1.3575 | \$ 1.3344 | \$ 1.3507 | \$ 1.3718 | \$ 1.3465 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Large Use | kW | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 0.2246 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Adjusted rate | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 0.2246 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Calendar year equivalent | | \$ | \$ - | \$ - | \$ - | \$ - | \$ 0.2246 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Street Lighting | kW | \$ 5.2585 | \$ 6.7015 | \$ 6.1289 | \$ 6.2093 | \$ 6.3064 | \$ 7.4860 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Adjusted rate | | \$ 5.2585 | \$ 6.7015 | \$ 6.1289 | \$ 6.2093 | \$ 6.3064 | \$ 7.4860 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Calendar year equivalent | | \$ | \$ 6.2205 | \$ 6.1289 | \$ 6.2093 | \$ 6.3064 | \$ 7.4860 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| 0 | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Adjusted rate | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Calendar year equivalent | | \$ | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| 0 | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Adjusted rate | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Calendar year equivalent | | \$ | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| 0 | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Adjusted rate | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Calendar year equivalent | | \$ | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| 0 | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Adjusted rate | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Calendar year equivalent | | \$ | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| 0 | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Adjusted rate | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Calendar year equivalent | | \$ | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| 0 | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Adjusted rate | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Calendar year equivalent | | \$ | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| 0 | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Adjusted rate | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Calendar year equivalent | | \$ | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| 0 | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Adjusted rate | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Calendar year equivalent | | \$ | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |

Note: LDC to make note of assumptions affecting the distribution rates above, if any

Table 3-a. Distribution Rates by Rate Class

Table 3-a below pulls the average distribution rates from Table 3 above. Please ensure that the distribution rates relevant to the years of the LRAMVA disposition are used by clearing the rates for year(s) that are not part of the LRAMVA claim. The distribution rates that remain in Table 3-a will be carried over to Tabs 4 and 5 of the work form to calculate lost revenues.

| Year | Residential | GS<50 kW | General Service 50 to 4,999 kW | Large Use | Large Use | Street Lighting |
|------|-------------|----------|--------------------------------|-----------|-----------|-----------------|
| | kWh | kWh | kW | kW | kW | kW |
| 2011 | \$0.0143 | \$0.0085 | \$2.0506 | \$1.3575 | \$0.0000 | \$6.2205 |
| 2012 | \$0.0142 | \$0.0083 | \$2.0329 | \$1.3344 | \$0.0000 | \$6.1289 |
| 2013 | \$0.0144 | \$0.0084 | \$2.0576 | \$1.3507 | \$0.0000 | \$6.2093 |
| 2014 | \$0.0146 | \$0.0085 | \$2.0897 | \$1.3718 | \$0.0000 | \$6.3064 |
| 2015 | \$0.0155 | \$0.0101 | \$2.4286 | \$1.3465 | \$0.0000 | \$7.4860 |
| 2016 | \$0.0000 | \$0.0000 | \$0.0000 | \$0.0000 | \$0.0000 | \$0.0000 |

Note: LDC to make note of assumptions affecting the distribution rates above, if any



LRAMVA Work Form: 2011 - 2014 Lost Revenues Work Form

Legend

| |
|------------------------------|
| User Inputs (Green) |
| Auto Populated Cells (White) |
| Instructions (Grey) |

Instructions

1. LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The
2. Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the
3. The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in
4. LDC are requested to input the applicable rate class allocation percentages indicating the customer's share of consumption to allocate actual
5. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAMVA totals for the year) if

Tables
[Table 4-a. 2011 Lost Revenues](#)
[Table 4-b. 2012 Lost Revenues](#)
[Table 4-c. 2013 Lost Revenues](#)
[Table 4-d. 2014 Lost Revenues](#)
Table 4-a. 2011 Lost Revenues Work Form

| | | Net Energy Savings (kWh) | | Net Demand Savings (kW) | | Rate Allocations for LRAMVA | | | | | | | | | | | | | |
|------------------|----------------------------------------------------------------|--------------------------|-----------|-------------------------|-------------|-----------------------------|--------------------------------|-----------|-----------|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| Program | | Results Status | 2011 | 2011 | Residential | GS<50 kW | General Service 50 to 4,999 kW | Large Use | Large Use | Street Lighting | | | | | | | | Total | |
| Consumer Program | | | | | kWh | kWh | kW | kW | kW | kW | | | | | | | | | |
| 1 | Appliance Retirement Adjustment to 2011 savings | Verified True-up | 1,238,865 | 172 | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 100% | |
| 2 | Appliance Exchange Adjustment to 2011 savings | Verified True-up | 21,438 | 18 | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 100% | |
| 3 | HVAC Incentives Adjustment to 2011 savings | Verified True-up | 3,070,047 | 1,693 | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 100% | |
| 4 | Conservation Instant Coupon Booklet Adjustment to 2011 savings | Verified True-up | 810,293 | 50 | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 100% | |
| 5 | Bi-Annual Retailer Event Adjustment to 2011 savings | Verified True-up | 1,188,091 | 68 | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 100% | |
| 6 | Retailer Co-op Adjustment to 2011 savings | Verified True-up | 88,271 | 4 | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% | |
| 7 | Residential Demand Response Adjustment to 2011 savings | Verified True-up | 2,830 | 1,093 | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 100% | |
| 8 | Residential Demand Response (IHD) Adjustment to 2011 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% | |
| 9 | Residential New Construction Adjustment to 2011 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% | |
| Business Program | | | | | | | | | | | | | | | | | | | |
| 10 | Retrofit Adjustment to 2011 savings | Verified True-up | 4,805,916 | 857 | | | 53.00% | 47.00% | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 100% | |
| 11 | Direct Install Lighting Adjustment to 2011 savings | Verified True-up | 1,693,346 | 661 | | 100.00% | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 100% | |
| 12 | Building Commissioning Adjustment to 2011 savings | Verified True-up | | | 0.00% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 100% | |
| 13 | New Construction Adjustment to 2011 savings | Verified True-up | | | 0.00% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 100% | |
| 14 | Energy Audit Adjustment to 2011 savings | Verified True-up | | | 0.00% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 100% | |
| 15 | Small Commercial Demand Response Adjustment to 2011 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% | |
| 16 | Small Commercial Demand Response (IHD) | Verified | | | | | | | | | | | | | | | | 0% | |

| | | | | | | | | | | | | | | | | | | |
|-----------------------------------------|--------------------------------------------|----------|------------|--------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------|
| | Adjustment to 2011 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 17 | Demand Response 3 | Verified | 20,936 | 536 | | | | | | | | | | | | | | 0% |
| | Adjustment to 2011 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 18 | Industrial Program | | | | | | | | | | | | | | | | | 0% |
| | Process & System Upgrades | Verified | | | | | | | | | | | | | | | | |
| | Adjustment to 2011 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 19 | Monitoring & Targeting | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2011 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 20 | Energy Manager | Verified | | | 100.00% | | | | | | | | | | | | | 100% |
| | Adjustment to 2011 savings | True-up | | | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 21 | Retrofit | Verified | 402,527 | 70 | | | 53.00% | 47.00% | | | | | | | | | | 100% |
| | Adjustment to 2011 savings | True-up | | | 0.00% | 0.00% | 53.00% | 47.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 22 | Demand Response 3 | Verified | 205,346 | 3,498 | | | | | | | | | | | | | | 0% |
| | Adjustment to 2011 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 23 | Home Assistance Program | | | | | | | | | | | | | | | | | 0% |
| | Home Assistance Program | Verified | | | | | | | | | | | | | | | | |
| | Adjustment to 2011 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 24 | Aboriginal Program | | | | | | | | | | | | | | | | | 0% |
| | Home Assistance Program | Verified | | | | | | | | | | | | | | | | |
| | Adjustment to 2011 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 25 | Direct Install Lighting | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2011 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 26 | Pre-2011 Programs completed in 2011 | | | | | | | | | | | | | | | | | |
| | Electricity Retrofit Incentive Program | Verified | 17,700,219 | 3,066 | | | 53.00% | 47.00% | | | | | | | | | | 100% |
| | Adjustment to 2011 savings | True-up | | | 0.00% | 0.00% | 53.00% | 47.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 27 | High Performance New Construction | Verified | 1,244,589 | 242 | | | 100.00% | | | | | | | | | | | 100% |
| | Adjustment to 2011 savings | True-up | 1,668,716 | 295 | 0.00% | 0.00% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 28 | Toronto Comprehensive | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2011 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 29 | Multifamily Energy Efficiency Rebates | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2011 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 30 | LDC Custom Programs | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2011 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 31 | Other | | | | | | | | | | | | | | | | | 0% |
| | Program Enabled Savings | Verified | | | | | | | | | | | | | | | | |
| | Adjustment to 2011 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 32 | Time of Use Savings | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2011 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 33 | LDC Pilots | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2011 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| Actual CDM Savings in 2011 | | | 34,567,923 | 12,220 | 5,885,657 | 2,018,176 | 32,552 | 23,152 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Forecast CDM Savings in 2011 | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Distribution Rate in 2011 | | | | | \$0.01430 | \$0.00850 | \$2.05060 | \$1.35750 | \$1.35750 | \$6.22050 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | |
| Lost Revenue in 2011 from 2011 programs | | | | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ - |
| Forecast Lost Revenues in 2011 | | | | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ - |
| LRAMVA in 2011 | | | | | | | | | | | | | | | | | | \$ - |
| 2011 Savings Persisting in 2012 | | | | | 5,882,827 | 2,018,176 | 32,546 | 23,147 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2011 Savings Persisting in 2013 | | | | | 5,882,827 | 1,939,409 | 32,546 | 23,147 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2011 Savings Persisting in 2014 | | | | | 5,867,796 | 1,683,038 | 32,546 | 23,147 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2011 Savings Persisting in 2015 | | | | | 5,301,530 | 1,418,658 | 32,546 | 23,147 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2011 Savings Persisting in 2016 | | | | | 4,264,693 | 1,414,629 | 32,543 | 23,144 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2011 Savings Persisting in 2017 | | | | | 3,842,932 | 321,744 | 32,448 | 23,060 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2011 Savings Persisting in 2018 | | | | | 3,836,956 | 320,700 | 32,143 | 22,790 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2011 Savings Persisting in 2019 | | | | | 4,185,769 | 320,700 | 31,630 | 22,335 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2011 Savings Persisting in 2020 | | | | | 3,101,067 | 320,700 | 31,630 | 22,335 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

Note: LDC to make note of assumptions included above

Table 4-b. 2012 Lost Revenues Work Form

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| Program | Results Status | Net Energy Savings (kWh) | Net Demand Savings (kW) | Rate Allocations for LRAMVA | | | | | | | | | | | | | | |
|-------------------------------------|----------------|--------------------------|-------------------------|-----------------------------|----------|--------------------------------|-----------|-----------|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| | | 2012 | 2012 | Residential | GS<50 kW | General Service 50 to 4,999 kW | Large Use | Large Use | Street Lighting | | | | | | | | Total | |
| | | | | | | | | | | | | | | | | | | |
| Consumer Program | | | | | | | | | | | | | | | | | | |
| Appliance Retirement | Verified | 669,778 | 96 | 100.00% | kWh | kW | kW | kW | kW | | | | | | | | 100% | |
| Adjustment to 2012 savings | True-up | | | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| Appliance Exchange | Verified | 33,812 | 19 | 100.00% | | | | | | | | | | | | | 100% | |
| Adjustment to 2012 savings | True-up | | | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| HVAC Incentives | Verified | 1,843,136 | 1,091 | 100.00% | | | | | | | | | | | | | 100% | |
| Adjustment to 2012 savings | True-up | 33,877 | 18 | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| Conservation Instant Coupon Booklet | Verified | 56,527 | 9 | 100.00% | | | | | | | | | | | | | 100% | |
| Adjustment to 2012 savings | True-up | | | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| Bi-Annual Retailer Event | Verified | 1,082,743 | 60 | 100.00% | | | | | | | | | | | | | 100% | |
| Adjustment to 2012 savings | True-up | | | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| Retailer Co-op | Verified | | | | | | | | | | | | | | | | 0% | |

| | | | | | | | | | | | | | | | | | | |
|-----------------------------------------|----------------------------------------|----------|------------|--------|--------------|-------------|-------------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------|
| | Adjustment to 2012 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 7 | Residential Demand Response | Verified | 13,650 | 2,699 | 100.00% | | | | | | | | | | | | | 100% |
| | Adjustment to 2012 savings | True-up | | | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 8 | Residential Demand Response (IHD) | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2012 savings | True-up | | | | | | | | | | | | | | | | |
| 9 | Residential New Construction | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2012 savings | True-up | | | | | | | | | | | | | | | | |
| Business Program | | | | | | | | | | | | | | | | | | |
| 10 | Retrofit | Verified | 9,600,471 | 1,659 | | 49% | 51.00% | | | | | | | | | | | 100% |
| | Adjustment to 2012 savings | True-up | 1,846,854 | 273 | 0.00% | 49.00% | 51.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 11 | Direct Install Lighting | Verified | 1,875,038 | 550 | | 100% | | | | | | | | | | | | 100% |
| | Adjustment to 2012 savings | True-up | | | 0.00% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 12 | Building Commissioning | Verified | | | | 100.00% | | | | | | | | | | | | 100% |
| | Adjustment to 2012 savings | True-up | | | 0.00% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 13 | New Construction | Verified | 1,331 | | | 100.00% | | | | | | | | | | | | 100% |
| | Adjustment to 2012 savings | True-up | 224,538 | 85 | 0.00% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 14 | Energy Audit | Verified | 75,529 | 16 | | 100.00% | | | | | | | | | | | | 100% |
| | Adjustment to 2012 savings | True-up | 28,592 | 6 | 0.00% | 0.00% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 15 | Small Commercial Demand Response | Verified | 33 | 6 | | | | | | | | | | | | | | 0% |
| | Adjustment to 2012 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 16 | Small Commercial Demand Response (IHD) | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2012 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 17 | Demand Response 3 | Verified | 7,718 | 531 | | | | | | | | | | | | | | 0% |
| | Adjustment to 2012 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| Industrial Program | | | | | | | | | | | | | | | | | | |
| 18 | Process & System Upgrades | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2012 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 19 | Monitoring & Targeting | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2012 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 20 | Energy Manager | Verified | 479,921 | 60 | | | | | | | | | | | | | | 0% |
| | Adjustment to 2012 savings | True-up | 5,452 | 7 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 21 | Retrofit | Verified | | | | 49.00% | 51.00% | | | | | | | | | | | 100% |
| | Adjustment to 2012 savings | True-up | | | 0.00% | 0.00% | 49.00% | 51.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 22 | Demand Response 3 | Verified | 155,311 | 6,445 | | | | | | | | | | | | | | 0% |
| | Adjustment to 2012 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| Home Assistance Program | | | | | | | | | | | | | | | | | | |
| 23 | Home Assistance Program | Verified | 286,839 | 24 | | 100% | | | | | | | | | | | | 100% |
| | Adjustment to 2012 savings | True-up | 13,531 | 1 | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| Aboriginal Program | | | | | | | | | | | | | | | | | | |
| 24 | Home Assistance Program | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2012 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 25 | Direct Install Lighting | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2012 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| Pre-2011 Programs completed in 2011 | | | | | | | | | | | | | | | | | | |
| 26 | Electricity Retrofit Incentive Program | Verified | | | | 49% | 51.00% | | | | | | | | | | | 100% |
| | Adjustment to 2012 savings | True-up | | | 0.00% | 0.00% | 49.00% | 51.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 27 | High Performance New Construction | Verified | 582,164 | 146 | | 100.00% | | | | | | | | | | | | 100% |
| | Adjustment to 2012 savings | True-up | 2,639,394 | 296 | 0.00% | 0.00% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 28 | Toronto Comprehensive | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2012 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 29 | Multifamily Energy Efficiency Rebates | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2012 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 30 | LDC Custom Programs | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2012 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| Other | | | | | | | | | | | | | | | | | | |
| 31 | Program Enabled Savings | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2012 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 32 | Time of Use Savings | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2012 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 33 | LDC Pilots | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2012 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| Actual CDM Savings in 2012 | | | 21,556,239 | 14,097 | 4,033,893 | 1,875,038 | 17,948 | 11,824 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Forecast CDM Savings in 2012 | | | | | 12,575,666 | 4,393,315 | 30,468 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Distribution Rate in 2012 | | | | | \$0.01420 | \$0.00830 | \$2.03290 | \$1.33440 | \$1.33440 | \$6.12890 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | |
| Lost Revenue in 2012 from 2011 programs | | | | | \$83,536.14 | \$16,750.86 | \$66,163.43 | \$30,887.96 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ 197,338.39 |
| Lost Revenue in 2012 from 2012 programs | | | | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ |
| Total Lost Revenues in 2012 | | | | | \$83,536.14 | \$16,750.86 | \$66,163.43 | \$30,887.96 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ 197,338.39 |
| Forecast Lost Revenues in 2012 | | | | | \$178,574.46 | \$36,464.51 | \$61,938.40 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ 276,977.37 |
| LRAMVA in 2012 | | | | | | | | | | | | | | | | | | -\$ 79,638.98 |
| 2012 Savings Persisting in 2013 | | | | | 4,020,243 | 1,875,038 | 17,839 | 11,712 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2012 Savings Persisting in 2014 | | | | | 4,019,812 | 1,817,432 | 17,526 | 11,387 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

| | | | | | | | | | | | | | | | | | |
|---------------------------------|-----------|-----------|--------|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2012 Savings Persisting in 2015 | 4,016,981 | 1,557,887 | 17,357 | 11,210 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2012 Savings Persisting in 2016 | 3,587,868 | 1,557,887 | 17,084 | 11,194 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2012 Savings Persisting in 2017 | 3,015,536 | 508,602 | 16,119 | 10,190 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2012 Savings Persisting in 2018 | 2,718,416 | 508,602 | 15,942 | 10,006 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2012 Savings Persisting in 2019 | 2,710,535 | 508,460 | 15,914 | 9,977 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2012 Savings Persisting in 2020 | 2,522,449 | 508,460 | 15,544 | 9,592 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Note: LDC to make note of assumptions included above

Table 4-c. 2013 Lost Revenues Work Form

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| Program | Results Status | Net Energy Savings (kWh) | Net Demand Savings (kW) | Rate Allocations for LRAMVA | | | | | | | | | | | | | | | Total |
|----------------------------------------|----------------|--------------------------|-------------------------|-----------------------------|----------|--------------------------------|-----------|-----------|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| | | 2013 | 2013 | Residential | GS<50 kW | General Service 50 to 4,999 kW | Large Use | Large Use | Street Lighting | | | | | | | | | | |
| Consumer Program | | | | kWh | kWh | kW | kW | kW | kW | | | | | | | | | | |
| Appliance Retirement | Verified | 373,209 | 57 | 100.00% | | | | | | | | | | | | | | 100% | |
| Adjustment to 2013 savings | True-up | | | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| Appliance Exchange | Verified | 65,760 | 37 | 100.00% | | | | | | | | | | | | | | 100% | |
| Adjustment to 2013 savings | True-up | | | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| HVAC Incentives | Verified | 1,639,842 | 974 | 100.00% | | | | | | | | | | | | | | 100% | |
| Adjustment to 2013 savings | True-up | 95,215 | 55 | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| Conservation Instant Coupon Booklet | Verified | 311,606 | 21 | 100.00% | | | | | | | | | | | | | | 100% | |
| Adjustment to 2013 savings | True-up | 953 | | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| Bi-Annual Retailer Event | Verified | 694,555 | 48 | 100.00% | | | | | | | | | | | | | | 100% | |
| Adjustment to 2013 savings | True-up | | | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| Retailer Co-op | Verified | | | | | | | | | | | | | | | | | 0% | |
| Adjustment to 2013 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| Residential Demand Response | Verified | 11,153 | 3,738 | 100.00% | | | | | | | | | | | | | | 100% | |
| Adjustment to 2013 savings | True-up | | | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| Residential Demand Response (IHD) | Verified | | | | | | | | | | | | | | | | | 0% | |
| Adjustment to 2013 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| Residential New Construction | Verified | | | | | | | | | | | | | | | | | 0% | |
| Adjustment to 2013 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| Business Program | | | | | | | | | | | | | | | | | | | |
| Retrofit | Verified | 16,367,574 | 2,948 | | | 92% | 8% | | | | | | | | | | | 100% | |
| Adjustment to 2013 savings | True-up | 1,570,842 | 320 | 0.00% | 0.00% | 92.00% | 8.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| Direct Install Lighting | Verified | 1,442,489 | 453 | | 100% | | | | | | | | | | | | | 100% | |
| Adjustment to 2013 savings | True-up | | | 0.00% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| Building Commissioning | Verified | | | | 100.00% | | | | | | | | | | | | | 100% | |
| Adjustment to 2013 savings | True-up | | | 0.00% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| New Construction | Verified | 20,831 | 6 | | 100.00% | | | | | | | | | | | | | 100% | |
| Adjustment to 2013 savings | True-up | 3,201,970 | 581 | 0.00% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| Energy Audit | Verified | 387,606 | 71 | | 100.00% | | | | | | | | | | | | | 100% | |
| Adjustment to 2013 savings | True-up | 97,223 | 18 | 0.00% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| Small Commercial Demand Response | Verified | 18 | 13 | | | | | | | | | | | | | | | 0% | |
| Adjustment to 2013 savins | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| Small Commercial Demand Response (IHD) | Verified | | | | | | | | | | | | | | | | | 0% | |
| Adjustment to 2013 savins | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| Demand Response 3 | Verified | 9,571 | 597 | | | | | | | | | | | | | | | 0% | |
| Adjustment to 2013 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| Industrial Program | | | | | | | | | | | | | | | | | | | |
| Process & System Upgrades | Verified | | | | | | | | | | | | | | | | | 0% | |
| Adjustment to 2013 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| Monitoring & Targeting | Verified | | | | | | | | | | | | | | | | | 0% | |
| Adjustment to 2013 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| Energy Manager | Verified | 178,203 | 23 | 100.00% | | | | | | | | | | | | | | 100% | |
| Adjustment to 2013 savings | True-up | -153,586 | -21 | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| Retrofit | Verified | | | | | 92.00% | 8.00% | | | | | | | | | | | 100% | |
| Adjustment to 2013 savings | True-up | | | 0.00% | 0.00% | 92.00% | 8.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| Demand Response 3 | Verified | 331,641 | 13,261 | | | | | | | | | | | | | | | 0% | |
| Adjustment to 2013 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| Home Assistance Program | | | | | | | | | | | | | | | | | | | |
| Home Assistance Program | Verified | 4,634,362 | 808 | 100% | | | | | | | | | | | | | | 100% | |
| Adjustment to 2013 savings | True-up | 716,808 | 200 | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| Aboriginal Program | | | | | | | | | | | | | | | | | | | |
| Home Assistance Program | Verified | | | | | | | | | | | | | | | | | 0% | |
| Adjustment to 2013 savins | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| Direct Install Lighting | Verified | | | | | | | | | | | | | | | | | 0% | |
| Adjustment to 2013 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| Pre-2011 Programs completed in 2011 | | | | | | | | | | | | | | | | | | | |
| Electricity Retrofit Incentive Program | Verified | | | | | 92.00% | 8.00% | | | | | | | | | | | 100% | |
| Adjustment to 2013 savings | True-up | | | 0.00% | 0.00% | 92.00% | 8.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |
| High Performance New Construction | Verified | | | | | 100.00% | | | | | | | | | | | | 100% | |
| Adjustment to 2013 savgns | True-up | | | 0.00% | 0.00% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | |

| | | | | | | | | | | | | | | | | | | |
|----|------------------------------------------------------------------|------------------|------------|--------|--------------|-------------|--------------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------|
| 28 | Toronto Comprehensive Adjustment to 2013 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| 29 | Multifamily Energy Efficiency Rebates Adjustment to 2013 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| 30 | LDC Custom Programs Adjustment to 2013 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| | Other | | | | | | | | | | | | | | | | | |
| 31 | Program Enabled Savings Adjustment to 2013 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| 32 | Time of Use Savings Adjustment to 2013 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| 33 | LDC Pilots Adjustment to 2013 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| | Actual CDM Savings in 2013 | | 31,997,845 | 24,208 | 8,568,080 | 5,150,119 | 36,079 | 3,137 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Forecast CDM Savings in 2013 | | | | 12,575,666 | 4,393,315 | 30,468 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Distribution Rate in 2013 | | | | \$0.01440 | \$0.00840 | \$2.05760 | \$1.35070 | \$1.35070 | \$6.20930 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | |
| | Lost Revenue in 2013 from 2011 programs | | | | \$84,712.71 | \$16,291.03 | \$66,967.33 | \$31,265.26 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ 199,236.33 |
| | Lost Revenue in 2013 from 2012 programs | | | | \$57,891.50 | \$15,750.32 | \$36,704.77 | \$15,819.43 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ 126,166.02 |
| | Lost Revenue in 2013 from 2013 programs | | | | \$123,380.35 | \$43,261.00 | \$74,235.57 | \$4,237.52 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ 245,114.45 |
| | Total Lost Revenues in 2013 | | | | \$265,984.56 | \$75,302.35 | \$177,907.67 | \$51,322.21 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ 570,516.80 |
| | Forecast Lost Revenues in 2013 | | | | \$181,089.59 | \$36,903.85 | \$62,690.96 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ 280,684.39 |
| | LRAMVA in 2013 | | | | | | | | | | | | | | | | | \$ 289,832.41 |
| | 2013 Savings Persisting in 2014 | | | | 8,460,445 | 5,150,118 | 35,032 | 3,046 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 2013 Savings Persisting in 2015 | | | | 8,298,943 | 5,127,794 | 34,836 | 3,029 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 2013 Savings Persisting in 2016 | | | | 7,746,554 | 5,008,483 | 34,145 | 2,969 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 2013 Savings Persisting in 2017 | | | | 7,358,874 | 3,809,764 | 31,315 | 2,723 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 2013 Savings Persisting in 2018 | | | | 7,006,817 | 3,809,764 | 29,980 | 2,607 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 2013 Savings Persisting in 2019 | | | | 6,862,916 | 3,809,764 | 29,980 | 2,607 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 2013 Savings Persisting in 2020 | | | | 6,854,562 | 3,809,764 | 29,947 | 2,604 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

Note: LDC to make note of assumptions included above

Table 4-d. 2014 Lost Revenues Work Form

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| Program | | Results Status | Net Energy Savings (kWh) | | Net Demand Savings (kW) | | Rate Allocations for LRAMVA | | | | | | | | | | | | Total |
|--------------------|-------------------------------------------------------------------|------------------|--------------------------|-------|-------------------------|----------|--------------------------------|-----------|-----------|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | 2014 | 2014 | Residential | GS<50 kW | General Service 50 to 4,999 kW | Large Use | Large Use | Street Lighting | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | kWh | kWh | kW | kW | kW | kW | | | | | | | | | | |
| Consumer Program | | | | | | | | | | | | | | | | | | | |
| 1 | Appliance Retirement Adjustment to 2014 savings | Verified True-up | 263,320 | 39 | 100% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 100% |
| 2 | Appliance Exchange Adjustment to 2014 savings | Verified True-up | 74,996 | 42 | 100% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 100% |
| 3 | HVAC Incentives Adjustment to 2014 savings | Verified True-up | 2,035,819 | 1,109 | 100% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 100% |
| 4 | Conservation Instant Coupon Booklet Adjustment to 2014 savings | Verified True-up | 1,153,159 | 86 | 100% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 100% |
| 5 | Bi-Annual Retailer Event Adjustment to 2014 savings | Verified True-up | 4,968,775 | 325 | 100% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 100% |
| 6 | Retailer Co-op Adjustment to 2014 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| 7 | Residential Demand Response Adjustment to 2014 savings | Verified True-up | 1,510 | 4,457 | 100.00% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 100% |
| 8 | Residential Demand Response (IHD) Adjustment to 2014 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| 9 | Residential New Construction Adjustment to 2014 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| Business Program | | | | | | | | | | | | | | | | | | | |
| 10 | Retrofit Adjustment to 2014 savings | Verified True-up | 19,282,049 | 2,594 | 0.00% | 0.00% | 79% | 21% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 100% |
| 11 | Direct Install Lighting Adjustment to 2014 savings | Verified True-up | 2,940,240 | 852 | 0.00% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 100% |
| 12 | Building Commissioning Adjustment to 2014 savings | Verified True-up | 157,250 | 133 | 0.00% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 100% |
| 13 | New Construction Adjustment to 2014 savings | Verified True-up | 521,315 | 151 | 0.00% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 100% |
| 14 | Energy Audit Adjustment to 2014 savings | Verified True-up | 1,305,471 | 267 | 0.00% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 100% |
| 15 | Small Commercial Demand Response Adjustment to 2014 savings | Verified True-up | | 12 | 0.00% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 100% |
| 16 | Small Commercial Demand Response (IHD) Adjustment to 2014 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| 17 | Demand Response 3 Adjustment to 2014 savings | Verified True-up | | 595 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| Industrial Program | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------|-----------|--------|---------|--------------|--------------|--------------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------|
| 18 | Process & System Upgrades Adjustment to 2014 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| 19 | Monitoring & Targeting Adjustment to 2014 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| 20 | Energy Manager Adjustment to 2014 savings | Verified True-up | 1,056,692 | 41 | 100.00% | | | | | | | | | | | | | 100% |
| 21 | Retrofit Adjustment to 2014 savings | Verified True-up | | | | | 79.00% | 21.00% | | | | | | | | | | 100% |
| 22 | Demand Response 3 Adjustment to 2014 savings | Verified True-up | | 17,093 | | | | | | | | | | | | | | 0% |
| 23 | Home Assistance Program Home Assistance Program Adjustment to 2014 savings | Verified True-up | 4,387,048 | 717 | 100% | | | | | | | | | | | | | 100% |
| 24 | Aboriginal Program Home Assistance Program Adjustment to 2014 savings | Verified True-up | | | | | | | | | | | | | | | | 0% |
| 25 | Direct Install Lighting Adjustment to 2014 savings | Verified True-up | | | | | | | | | | | | | | | | 0% |
| 26 | Pre-2011 Programs completed in 2011 Electricity Retrofit Incentive Program Adjustment to 2014 savings | Verified True-up | | | | | 79.00% | 21.00% | | | | | | | | | | 100% |
| 27 | High Performance New Construction Adjustment to 2014 savings | Verified True-up | | | | | 100.00% | | | | | | | | | | | 100% |
| 28 | Toronto Comprehensive Adjustment to 2014 savings | Verified True-up | | | | | | | | | | | | | | | | 0% |
| 29 | Multifamily Energy Efficiency Rebates Adjustment to 2014 savings | Verified True-up | | | | | | | | | | | | | | | | 0% |
| 30 | LDC Custom Programs Adjustment to 2014 savings | Verified True-up | | | | | | | | | | | | | | | | 0% |
| 31 | Other Program Enabled Savings Adjustment to 2014 savings | Verified True-up | | | | | | | | | | | | | | | | 0% |
| 32 | Time of Use Savings Adjustment to 2014 savings | Verified True-up | | 2,487 | | | | | | | | | | | | | | 0% |
| 33 | LDC Pilots Adjustment to 2014 savings | Verified True-up | | | | | | | | | | | | | | | | 0% |
| Actual CDM Savings in 2014 | | | | | | 38,147,644 | 31,000 | 13,941,319 | 4,924,276 | 24,591 | 6,537 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Forecast CDM Savings in 2014 | | | | | | 12,573,666 | | 4,393,315 | 30,468 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Distribution Rate in 2014 | | | | | | \$0.01460 | \$0.00850 | \$2.08970 | \$1.37180 | \$1.37180 | \$6.30640 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | |
| Lost Revenue in 2014 from 2011 programs | | | | | | \$85,669.82 | \$14,305.82 | \$68,012.06 | \$31,753.67 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ 199,741.38 |
| Lost Revenue in 2014 from 2012 programs | | | | | | \$58,689.26 | \$15,448.17 | \$36,624.64 | \$15,620.57 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ 126,382.63 |
| Lost Revenue in 2014 from 2013 programs | | | | | | \$123,522.49 | \$43,776.00 | \$73,206.18 | \$4,178.85 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ 244,683.52 |
| Lost Revenue in 2014 from 2014 programs | | | | | | \$203,543.26 | \$41,856.35 | \$51,388.06 | \$8,967.29 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ 305,754.96 |
| Total Lost Revenues in 2014 | | | | | | \$471,424.82 | \$115,386.34 | \$229,230.95 | \$60,520.38 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ 876,562.49 |
| Forecast Lost Revenues in 2014 | | | | | | \$183,604.72 | \$37,343.18 | \$63,668.98 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ 284,616.88 |
| LRAMVA in 2014 | | | | | | | | | | | | | | | | | | \$ 591,945.61 |
| 2014 Savings Persisting in 2015 | | | | | | 13,117,445 | 4,903,411 | 24,517 | 6,517 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2014 Savings Persisting in 2016 | | | | | | 12,411,800 | 4,693,980 | 24,517 | 6,517 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2014 Savings Persisting in 2017 | | | | | | 12,012,041 | 3,601,902 | 23,440 | 6,231 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2014 Savings Persisting in 2018 | | | | | | 11,831,213 | 2,296,430 | 23,440 | 6,231 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2014 Savings Persisting in 2019 | | | | | | 11,831,213 | 2,296,430 | 23,155 | 6,155 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2014 Savings Persisting in 2020 | | | | | | 11,767,768 | 2,296,430 | 22,395 | 5,953 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

Note: LDC to make note of assumptions included above



Ontario Energy Board

LRAMVA Work Form: 2015 - 2020 Lost Revenues Work Form

Legend

| |
|------------------------------|
| User Inputs (Green) |
| Auto Populated Cells (White) |
| Instructions (Grey) |

Instructions

1. LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMVA work forms apply to LDCs that need to recover lost revenues from the IESO.
2. Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 2016 programs that were reported by LDCs are requested to input the applicable rate class allocation percentages indicating the customer's share of consumption to allocate actual savings to the rate classes. The generic persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAMVA totals for the year)

Tables

[Table 5-a. 2015 Lost Revenues](#)
[Table 5-b. 2016 Lost Revenues](#)
[Table 5-c. 2017 Lost Revenues](#)
[Table 5-d. 2018 Lost Revenues](#)
[Table 5-e. 2019 Lost Revenues](#)
[Table 5-f. 2020 Lost Revenues](#)

Table 5-a. 2015 Lost Revenues Work Form

[Go to Persistence Report](#)

| Program | Results Status | Net Energy Savings (kWh) | Net Demand Savings (kW) | Rate Allocations for LRAMVA | | | | | | | | | | | | | | |
|----------------------------------------------------------------------------------------------------|------------------|--------------------------|-------------------------|-----------------------------|----------|--------------------------------|-----------|-----------|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
| | | 2015 | 2015 | Residential | GS<50 kW | General Service 50 to 4,999 kW | Large Use | Large Use | Street Lighting | | | | | | | | | Total |
| | | | | kWh | kWh | kW | kW | kW | kW | | | | | | | | | |
| Legacy Framework | | | | | | | | | | | | | | | | | | |
| Residential Program | | | | | | | | | | | | | | | | | | |
| Coupon Initiative Adjustment to 2015 savings | Verified True-up | 585,232 | 38 | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100% |
| Bi-Annual Retailer Event Initiative Adjustment to 2015 savings | Verified True-up | 1,375,807 | 102 | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100% |
| Appliance Retirement Initiative Adjustment to 2015 savings | Verified True-up | 86,849 | 13 | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100% |
| HVAC Incentives Initiative Adjustment to 2015 savings | Verified True-up | 1,477,035 | 783 | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100% |
| Residential New Construction and Major Adjustment to 2015 savings | Verified True-up | 219,469 | 62 | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100% |
| Commercial & Institutional Program | | | | | | | | | | | | | | | | | | |
| Enerov Audit Initiative Adjustment to 2015 savings | Verified True-up | 499,499 | 106 | | | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100% |
| Efficiency: Equipment Replacement Incentive Initiative Adjustment to 2015 savings | Verified True-up | 25,824,643 | 2,370 | | 81.00% | 19.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100% |
| Direct Install Lighting and Water Heating Initiative Adjustment to 2015 savings | Verified True-up | 4,901,161 | 1,178 | | | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100% |
| New Construction and Major Renovation Initiative Adjustment to 2015 savings | Verified True-up | 58,323 | 39 | | | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100% |
| Existing Building Commissioning Incentive Initiative Adjustment to 2015 savings | Verified True-up | 596,676 | 250 | | | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100% |
| Industrial Program | | | | | | | | | | | | | | | | | | |
| Process and Systems Upgrades Initiatives - Project Incentive Initiative Adjustment to 2015 savings | Verified True-up | 29,092,220 | 3,348 | | | | | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100% |

| | | | | | | | | | | | | | | | | | |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------|----------|-----------|-----|---------|---------|-------|---------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 12 | Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative | Verified | | 0 | 100.00% | | | | | | | | | | | | 100% |
| | Adjustment to 2015 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 13 | Process and Systems Upgrades Initiatives - Energy Manager Initiative | Verified | 1,382,502 | 116 | 100.00% | | | | | | | | | | | | 100% |
| | Adjustment to 2015 savings | True-up | | | 0.00% | 0.00% | 0.00% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| Low Income Program | | | | | | | | | | | | | | | | | |
| 14 | Low Income Initiative | Verified | 237,547 | 20 | 100% | | | | | | | | | | | | 100% |
| | Adjustment to 2015 savings | True-up | | | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| Other | | | | | | | | | | | | | | | | | |
| 15 | Aboriginal Conservation Program | Verified | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2015 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 16 | Program Enabled Savings | Verified | 417,923 | | 100.00% | | | | | | | | | | | | 100% |
| | Adjustment to 2015 savings | True-up | | | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| Conservation Fund Pilots | | | | | | | | | | | | | | | | | |
| 17 | Conservation Fund Pilot - EnerNOC | Verified | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2015 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 18 | Loblaws Pilot | Verified | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2015 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 19 | Conservation Fund Pilot - SEG | Verified | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2015 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 20 | Social Benchmarking Pilot | Verified | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2015 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| Conservation First Framework | | | | | | | | | | | | | | | | | |
| Residential Province-Wide Programs | | | | | | | | | | | | | | | | | |
| 21 | Save on Energy Coupon Program | Verified | 3,913,143 | 252 | 100% | | | | | | | | | | | | 100% |
| | Adjustment to 2015 savings | True-up | | | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 22 | Save on Energy Heating and Cooling Program | Verified | 1,587,453 | 837 | 100% | | | | | | | | | | | | 100% |
| | Adjustment to 2015 savings | True-up | | | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 23 | Save on Energy New Construction Program | Verified | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2015 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 24 | Save on Energy Home Assistance Program | Verified | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2015 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| Non-Residential Province-Wide Programs | | | | | | | | | | | | | | | | | |
| 25 | Save on Energy Audit Funded Program | Verified | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2015 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 26 | Save on Energy Retrofits Program | Verified | 1,883,044 | 260 | 100% | | | | | | | | | | | | 100% |
| | Adjustment to 2015 savings | True-up | | | 0.00% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 27 | Save on Energy Small Business Lighting Program | Verified | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2015 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 28 | Save on Energy High Performance New Construction Program | Verified | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2015 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 29 | Save on Energy Existing Building Commissioning Program | Verified | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2015 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 30 | Save on Energy Process & Systems Upgrades Program | Verified | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2015 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 31 | Save on Energy Monitoring & Targeting Program | Verified | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2015 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 32 | Save on Energy Energy Manager Program | Verified | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2015 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| Local & Regional Programs | | | | | | | | | | | | | | | | | |
| 33 | Business Refrigeration Local Program | Verified | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2015 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 34 | First Nation Conservation Local Program | Verified | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2015 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 35 | Social Benchmarking Local Program | Verified | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2015 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| Pilot Programs | | | | | | | | | | | | | | | | | |
| 36 | Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Conservation Fund | Verified | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2015 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 37 | EnWin Utilities Ltd. - Building Optimization Pilot | Verified | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2015 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |

| | | | | | | | | | | | | | | | | | | |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------|------------|--------|--------------|--------------|-------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------|
| 38 | EnWin Utilities Ltd. - Re-Invest Pilot Adjustment to 2015 savings | Verified | | | | | | | | | | | | | | | | 0% |
| | True-up | | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 39 | Horizon Utilities Corporation - ECM Furnace Motor Pilot Adjustment to 2015 savings | Verified | | | | | | | | | | | | | | | | 0% |
| | True-up | | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 40 | Horizon Utilities Corporation - Social Benchmarking Pilot Adjustment to 2015 savings | Verified | 2,978,654 | 505 | 100.00% | | | | | | | | | | | | | 100% |
| | True-up | | | | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 41 | Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot | Verified | | | | | | | | | | | | | | | | 0% |
| | True-up | | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 42 | Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot | Verified | | | | | | | | | | | | | | | | 0% |
| | True-up | | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 43 | Kitchener-Wilmot Hydro Inc. - Pilot - DCKV | Verified | | | | | | | | | | | | | | | | 0% |
| | True-up | | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 44 | Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricultural Sector Adjustment to 2015 savings | Verified | | | | | | | | | | | | | | | | 0% |
| | True-up | | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 45 | Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic Adjustment to 2015 savings | Verified | | | | | | | | | | | | | | | | 0% |
| | True-up | | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 46 | Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls Adjustment to 2015 savings | Verified | | | | | | | | | | | | | | | | 0% |
| | True-up | | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 47 | Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings) Adjustment to 2015 savings | Verified | | | | | | | | | | | | | | | | 0% |
| | True-up | | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 48 | Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings) Adjustment to 2015 savings | Verified | | | | | | | | | | | | | | | | 0% |
| | True-up | | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 49 | Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) Adjustment to 2015 savings | Verified | | | | | | | | | | | | | | | | 0% |
| | True-up | | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| Actual CDM Savings in 2015 | | | 77,117,180 | 10,279 | 12,879,112 | 22,801,005 | 22,030 | 1,392 | 40,176 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Forecast CDM Savings in 2015 | | | | | 3,350,520 | 928,649 | 34,728 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Distribution Rate in 2015 | | | | | \$0.01550 | \$0.01010 | \$2.42860 | \$1.34650 | \$0.22460 | \$7.49600 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | |
| Lost Revenue in 2015 from 2011 programs | | | | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ - |
| Lost Revenue in 2015 from 2012 programs | | | | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ - |
| Lost Revenue in 2015 from 2013 programs | | | | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ - |
| Lost Revenue in 2015 from 2014 programs | | | | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ - |
| Lost Revenue in 2015 from 2015 programs | | | | | \$199,626.24 | \$230,290.15 | \$53,501.09 | \$1,874.33 | \$9,023.53 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ 494,315.33 |
| Total Lost Revenues in 2015 | | | | | \$199,626.24 | \$230,290.15 | \$53,501.09 | \$1,874.33 | \$9,023.53 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ 494,315.33 |
| Forecast Lost Revenues in 2015 | | | | | \$51,933.06 | \$9,379.35 | \$84,340.42 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ 145,652.84 |
| LRAMVA in 2015 | | | | | | | | | | | | | | | | | | \$ 348,662.49 |
| 2015 Savings Persisting in 2016 | | | | | 9,762,507 | 22,801,005 | 20,122 | 1,392 | 40,176 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2015 Savings Persisting in 2017 | | | | | 9,753,820 | 22,697,040 | 16,610 | 1,392 | 40,176 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2015 Savings Persisting in 2018 | | | | | 9,746,152 | 22,696,701 | 15,848 | 1,392 | 40,176 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2015 Savings Persisting in 2019 | | | | | 9,707,336 | 22,696,701 | 14,576 | 1,392 | 40,176 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2015 Savings Persisting in 2020 | | | | | 9,659,720 | 22,680,387 | 14,563 | 1,236 | 40,176 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

Note: LDC to make note of assumptions included above

Table 5-b. 2016 Lost Revenues Work Form

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| Program | Results Status | Net Energy Savings (kWh) | Net Demand Savings (kW) | Rate Allocations for LRAMVA | | | | | | | | | | | | | |
|-----------------------------------------------------------------------------------------|----------------|--------------------------|-------------------------|-----------------------------|----------|--------------------------------|-----------|-----------|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 2016 | 2016 | Residential | GS<50 kW | General Service 50 to 4,999 kW | Large Use | Large Use | Street Lighting | | | | | | | | Total |
| Legacy Framework | | | | kWh | kWh | kW | kW | kW | kW | | | | | | | | |
| Residential Program | | | | | | | | | | | | | | | | | |
| Coupon Initiative Adjustment to 2016 savings | Verified | | | | | | | | | | | | | | | | 0% |
| | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| Bi-Annual Retailer Event Initiative Adjustment to 2016 savings | Verified | | | | | | | | | | | | | | | | 0% |
| | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| Appliance Retirement Initiative Adjustment to 2016 savings | Verified | | | | | | | | | | | | | | | | 0% |
| | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| HVAC Incentives Initiative Adjustment to 2016 savings | Verified | | | | | | | | | | | | | | | | 0% |
| | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| Residential New Construction and Major Renovation Initiative Adjustment to 2016 savings | Verified | | | | | | | | | | | | | | | | 0% |
| | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| Commercial & Institutional Program | | | | | | | | | | | | | | | | | |
| Energy Audit Initiative Adjustment to 2016 savings | Verified | | | | | | | | | | | | | | | | 0% |
| | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |

| | | | | | | | | | | | | | | | | | |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------|--|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| 7 | Efficiency: Equipment Replacement Incentive Initiative Adjustment to 2016 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| 8 | Direct Install Lighting and Water Heating Initiative Adjustment to 2016 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| 9 | New Construction and Major Renovation Initiative Adjustment to 2016 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| 10 | Existing Building Commissioning Incentive Initiative Adjustment to 2016 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| Industrial Program | | | | | | | | | | | | | | | | | |
| 11 | Process and Systems Upgrades Initiatives - Project Incentive Initiative Adjustment to 2016 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| 12 | Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative Adjustment to 2016 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| 13 | Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2016 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| Low Income Program | | | | | | | | | | | | | | | | | |
| 14 | Low Income Initiative Adjustment to 2016 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| Other | | | | | | | | | | | | | | | | | |
| 15 | Aboriginal Conservation Program Adjustment to 2016 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| 16 | Program Enabled Savings Adjustment to 2016 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| Conservation Fund Pilots | | | | | | | | | | | | | | | | | |
| 17 | Conservation Fund Pilot - EnerNOC Adjustment to 2016 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| 18 | Loblaws Pilot Adjustment to 2016 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| 19 | Conservation Fund Pilot - SEG Adjustment to 2016 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| 20 | Social Benchmarking Pilot Adjustment to 2016 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| Conservation First Framework | | | | | | | | | | | | | | | | | |
| Residential Province-Wide Programs | | | | | | | | | | | | | | | | | |
| 21 | Save on Energy Coupon Program Adjustment to 2016 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| 22 | Save on Energy Heating and Cooling Program Adjustment to 2016 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| 23 | Save on Energy New Construction Program Adjustment to 2016 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| 24 | Save on Energy Home Assistance Program Adjustment to 2016 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| Non-Residential Province-Wide Programs | | | | | | | | | | | | | | | | | |
| 25 | Save on Energy Audit Funding Program Adjustment to 2016 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| 26 | Save on Energy Retrofit Program Adjustment to 2016 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| 27 | Save on Energy Small Business Lighting Program Adjustment to 2016 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| 28 | Save on Energy High Performance New Construction Program Adjustment to 2016 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| 29 | Save on Energy Existing Building Commissioning Program Adjustment to 2016 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| 30 | Save on Energy Process & Systems Upgrades Program Adjustment to 2016 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| 31 | Save on Energy Monitoring & Targeting Program Adjustment to 2016 savings | Verified True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0% |
| 32 | Save on Energy Energy Manager Program | Verified | | | | | | | | | | | | | | | 0% |

| | | | | | | | | | | | | | | | | | | |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------|----------|---|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------|
| | Adjustment to 2016 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| | Local & Regional Programs | | | | | | | | | | | | | | | | | |
| 33 | Business Refrigeration Local Program | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2016 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| 34 | First Nation Conservation Local Program | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2016 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| 35 | Social Benchmarking Local Program | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2016 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| | Pilot Programs | | | | | | | | | | | | | | | | | |
| 36 | Energysource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Conservation Fund | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2016 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| 37 | EnWin Utilities Ltd. - Building Optimization Pilot | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2016 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| 38 | EnWin Utilities Ltd. - Re-Invest Pilot | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2016 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| 39 | Horizon Utilities Corporation - ECM Furnace Motor Pilot | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2016 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| 40 | Horizon Utilities Corporation - Social Benchmarking Pilot | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2016 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| 41 | Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2016 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| 42 | Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2016 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| 43 | Kitchener-Wilmot Hydro Inc. - Pilot - DCKV | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2016 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| 44 | Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricultural Sector | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2016 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| 45 | Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2016 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| 46 | Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2016 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| 47 | Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings) | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2016 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| 48 | Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings) | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2016 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| 49 | Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) | Verified | | | | | | | | | | | | | | | | 0% |
| | Adjustment to 2016 savings | True-up | | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Actual CDM Savings in 2016 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Forecast CDM Savings in 2016 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Distribution Rate in 2016 | | | | | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 |
| Lost Revenue in 2016 from 2011 programs | | | | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ - |
| Lost Revenue in 2016 from 2012 programs | | | | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ - |
| Lost Revenue in 2016 from 2013 programs | | | | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ - |
| Lost Revenue in 2016 from 2014 programs | | | | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ - |
| Lost Revenue in 2016 from 2015 programs | | | | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ - |
| Lost Revenue in 2016 from 2016 programs | | | | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ - |
| Total Lost Revenues in 2016 | | | | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ - |
| Forecast Lost Revenues in 2016 | | | | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ - |
| LRAMVA in 2016 | | | | | | | | | | | | | | | | | | \$ - |
| 2016 Savings Persisting in 2017 | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2016 Savings Persisting in 2018 | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2016 Savings Persisting in 2019 | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2016 Savings Persisting in 2020 | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Note: LDC to make note of assumptions included above

Table 5-c. 2017 Lost Revenues Work Form

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| Program | Results Status | Net Energy Savings (kWh) | Net Demand Savings (kW) | Rate Allocations for LRAMVA | | | | | | | | | | | | | | |
|---------|----------------|--------------------------|-------------------------|-----------------------------|----------|--------------------------------|-----------|-----------|-----------------|--|--|--|--|--|--|--|--|-------|
| | | 2017 | 2017 | Residential | GS<50 kW | General Service 50 to 4,999 kW | Large Use | Large Use | Street Lighting | | | | | | | | | Total |

Note: 1 DC to make note of assumptions included above

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Note: LDC to make note of assumptions included above

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Note: LDC to make note of assumptions included above

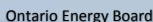
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| | | | | | | | | | | | | | | | | | |
|-----------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------|----------|
| Lost Revenue in 2020 from 2016 programs | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ | - |
| Lost Revenue in 2020 from 2017 programs | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ | - |
| Lost Revenue in 2020 from 2018 programs | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ | - |
| Lost Revenue in 2020 from 2019 programs | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ | - |
| Lost Revenue in 2020 from 2020 programs | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ | - |
| Total Lost Revenues in 2020 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ | - |
| Forecast Lost Revenues in 2020 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ | - |
| LRAMVA in 2020 | | | | | | | | | | | | | | | | \$ | - |

Note: LDC to make note of assumptions included above

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Version 2.0 (2017)

| |
|------------------------------|
| User Inputs (Green) |
| Auto Populated Cells (White) |
| Instructions (Grey) |

1. Please update Table 6 as new approved prescribed interest rates for deferral and variance accounts become available. The quarterly interest rates are used to calculate the carrying charges for LRAMVA. Starting from column I, the principle will auto-populate as monthly variances in Table 6-a, and are multiplied by the interest rates from column H to determine the monthly variances on carrying charges for each rate class by year.

2. The annual carrying charges totals in Table 6-a below pertain to the amount that was originally collected in interest from forecasted CDM savings and what should have been collected based on actual CDM savings. As the amounts calculated in Table 6-a are cumulative, LDCs are requested to enter any collected interest amounts into the "Amounts Cleared" row in order to clear the balance and calculate outstanding variances on carrying charges.

Table 6-a. Calculation of Carrying Costs by Rate Class

[Go to Tab 1: Summary](#)

| Quarter | | | Approved Deferral & Variance Accounts | | | Month | Period | Quarter | Monthly Rate | Residential | GS-50 kW | General Service 50 to 4,999 kW | Large Use | Large Use | Street Lighting | Total | |
|---------|--|-------|---------------------------------------|--|--|--------------------------|-----------|---------|--------------|-------------|-------------|--------------------------------|------------|------------|-----------------|--------|--------|
| 2011 Q1 | | 1.47% | | | | Jan-11 | 2011 | Q1 | 0.12% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
| 2011 Q2 | | 1.47% | | | | Feb-11 | 2011 | Q1 | 0.12% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
| 2011 Q3 | | 1.47% | | | | Mar-11 | 2011 | Q1 | 0.12% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
| 2011 Q4 | | 1.47% | | | | Apr-11 | 2011 | Q2 | 0.12% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
| 2012 Q1 | | 1.47% | | | | May-11 | 2011 | Q2 | 0.12% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
| 2012 Q2 | | 1.47% | | | | Jun-11 | 2011 | Q2 | 0.12% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
| 2012 Q3 | | 1.47% | | | | Jul-11 | 2011 | Q3 | 0.12% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
| 2012 Q4 | | 1.47% | | | | Aug-11 | 2011 | Q3 | 0.12% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
| 2013 Q1 | | 1.47% | | | | Sep-11 | 2011 | Q3 | 0.12% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
| 2013 Q2 | | 1.47% | | | | Oct-11 | 2011 | Q4 | 0.12% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
| 2013 Q3 | | 1.47% | | | | Nov-11 | 2011 | Q4 | 0.12% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
| 2013 Q4 | | 1.47% | | | | Dec-11 | 2011 | Q4 | 0.12% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
| 2014 Q1 | | 1.47% | | | | Total for 2011 | | | | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
| 2014 Q2 | | 1.47% | | | | Amount Cleared | | | | | | | | | | | |
| 2014 Q3 | | 1.47% | | | | Opening Balance for 2012 | | | | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
| 2014 Q4 | | 1.47% | | | | Jan-12 | 2011-2012 | Q1 | 0.12% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
| 2015 Q1 | | 1.47% | | | | Feb-12 | 2011-2012 | Q1 | 0.12% | -\$9.70 | -\$2.01 | \$0.43 | \$3.15 | \$0.00 | \$0.00 | \$0.00 | |
| 2015 Q2 | | 1.10% | | | | Mar-12 | 2011-2012 | Q1 | 0.12% | -\$19.40 | -\$4.02 | \$0.86 | \$6.31 | \$0.00 | \$0.00 | \$0.00 | |
| 2015 Q3 | | 1.10% | | | | Apr-12 | 2011-2012 | Q2 | 0.12% | -\$29.11 | -\$6.04 | \$1.29 | \$9.46 | \$0.00 | \$0.00 | \$0.00 | |
| 2015 Q4 | | 1.10% | | | | May-12 | 2011-2012 | Q2 | 0.12% | -\$38.81 | -\$8.05 | \$1.73 | \$12.61 | \$0.00 | \$0.00 | \$0.00 | |
| 2016 Q1 | | 1.10% | | | | Jun-12 | 2011-2012 | Q2 | 0.12% | -\$48.51 | -\$10.06 | \$2.16 | \$15.77 | \$0.00 | \$0.00 | \$0.00 | |
| 2016 Q2 | | 1.10% | | | | Jul-12 | 2011-2012 | Q3 | 0.12% | -\$58.21 | -\$12.07 | \$2.59 | \$18.92 | \$0.00 | \$0.00 | \$0.00 | |
| 2016 Q3 | | 1.10% | | | | Aug-12 | 2011-2012 | Q3 | 0.12% | -\$67.91 | -\$14.09 | \$3.02 | \$22.07 | \$0.00 | \$0.00 | \$0.00 | |
| 2016 Q4 | | 1.10% | | | | Sep-12 | 2011-2012 | Q3 | 0.12% | -\$77.61 | -\$16.10 | \$3.45 | \$25.16 | \$0.00 | \$0.00 | \$0.00 | |
| 2017 Q1 | | 1.10% | | | | Oct-12 | 2011-2012 | Q4 | 0.12% | -\$87.32 | -\$18.11 | \$3.88 | \$28.38 | \$0.00 | \$0.00 | \$0.00 | |
| 2017 Q2 | | 1.10% | | | | Nov-12 | 2011-2012 | Q4 | 0.12% | -\$97.02 | -\$20.12 | \$4.31 | \$31.53 | \$0.00 | \$0.00 | \$0.00 | |
| 2017 Q3 | | 1.10% | | | | Dec-12 | 2011-2012 | Q4 | 0.12% | -\$106.72 | -\$22.14 | \$4.74 | \$34.68 | \$0.00 | \$0.00 | \$0.00 | |
| 2017 Q4 | | 1.10% | | | | Total for 2012 | | | | | -\$640.32 | -\$132.82 | \$28.47 | \$208.11 | \$0.00 | \$0.00 | \$0.00 |
| 2018 Q1 | | | | | | Amount Cleared | | | | | | | | | | | |
| 2018 Q2 | | | | | | Opening Balance for 2013 | | | | | -\$640.32 | -\$132.82 | \$28.47 | \$208.11 | \$0.00 | \$0.00 | \$0.00 |
| 2018 Q3 | | | | | | Jan-13 | 2011-2013 | Q1 | 0.12% | -\$116.42 | -\$24.15 | \$5.16 | \$24.94 | \$0.00 | \$0.00 | \$0.00 | |
| 2018 Q4 | | | | | | Feb-13 | 2011-2013 | Q1 | 0.12% | -\$107.76 | -\$20.23 | \$16.94 | \$43.08 | \$0.00 | \$0.00 | \$0.00 | |
| 2019 Q1 | | | | | | Mar-13 | 2011-2013 | Q1 | 0.12% | -\$99.09 | -\$16.31 | \$28.70 | \$48.32 | \$0.00 | \$0.00 | \$0.00 | |
| 2019 Q2 | | | | | | Apr-13 | 2011-2013 | Q2 | 0.12% | -\$90.42 | -\$12.39 | \$40.46 | \$53.56 | \$0.00 | \$0.00 | \$0.00 | |
| 2019 Q3 | | | | | | May-13 | 2011-2013 | Q2 | 0.12% | -\$81.76 | -\$8.47 | \$52.22 | \$58.79 | \$0.00 | \$0.00 | \$0.00 | |
| 2019 Q4 | | | | | | Jun-13 | 2011-2013 | Q2 | 0.12% | -\$73.09 | -\$4.55 | \$63.98 | \$64.03 | \$0.00 | \$0.00 | \$0.00 | |
| 2020 Q1 | | | | | | Jul-13 | 2011-2013 | Q3 | 0.12% | -\$64.42 | -\$0.63 | \$75.75 | \$69.27 | \$0.00 | \$0.00 | \$0.00 | |
| 2020 Q2 | | | | | | Aug-13 | 2011-2013 | Q3 | 0.12% | -\$55.76 | \$3.29 | \$87.51 | \$74.51 | \$0.00 | \$0.00 | \$0.00 | |
| 2020 Q3 | | | | | | Sep-13 | 2011-2013 | Q3 | 0.12% | -\$47.09 | \$7.21 | \$99.27 | \$79.75 | \$0.00 | \$0.00 | \$0.00 | |
| 2020 Q4 | | | | | | Oct-13 | 2011-2013 | Q4 | 0.12% | -\$38.42 | \$11.13 | \$111.03 | \$84.99 | \$0.00 | \$0.00 | \$0.00 | |
| | | | | | | Nov-13 | 2011-2013 | Q4 | 0.12% | -\$29.76 | \$15.05 | \$122.79 | \$90.23 | \$0.00 | \$0.00 | \$0.00 | |
| | | | | | | Dec-13 | 2011-2013 | Q4 | 0.12% | -\$21.09 | \$18.97 | \$134.55 | \$95.47 | \$0.00 | \$0.00 | \$0.00 | |
| | | | | | | Total for 2013 | | | | | -\$1,465.40 | -\$163.90 | \$966.85 | \$1,007.94 | \$0.00 | \$0.00 | \$0.00 |
| | | | | | | Amount Cleared | | | | | | | | | | | |
| | | | | | | Opening Balance for 2014 | | | | | -\$1,465.40 | -\$163.90 | \$966.85 | \$1,007.94 | \$0.00 | \$0.00 | \$0.00 |
| | | | | | | Jan-14 | 2011-2014 | Q1 | 0.12% | -\$12.43 | \$22.89 | \$146.32 | \$100.71 | \$0.00 | \$0.00 | \$0.00 | |
| | | | | | | Feb-14 | 2011-2014 | Q1 | 0.12% | \$16.96 | \$30.86 | \$163.22 | \$106.89 | \$0.00 | \$0.00 | \$0.00 | |
| | | | | | | Mar-14 | 2011-2014 | Q1 | 0.12% | \$46.34 | \$38.82 | \$180.12 | \$113.06 | \$0.00 | \$0.00 | \$0.00 | |
| | | | | | | Apr-14 | 2011-2014 | Q2 | 0.12% | \$75.72 | \$46.79 | \$197.02 | \$119.24 | \$0.00 | \$0.00 | \$0.00 | |
| | | | | | | May-14 | 2011-2014 | Q2 | 0.12% | \$105.10 | \$54.76 | \$213.92 | \$126.42 | \$0.00 | \$0.00 | \$0.00 | |
| | | | | | | Jun-14 | 2011-2014 | Q2 | 0.12% | \$134.48 | \$62.72 | \$230.82 | \$131.47 | \$0.00 | \$0.00 | \$0.00 | |
| | | | | | | Jul-14 | 2011-2014 | Q3 | 0.12% | \$163.86 | \$70.69 | \$247.72 | \$137.78 | \$0.00 | \$0.00 | \$0.00 | |
| | | | | | | Aug-14 | 2011-2014 | Q3 | 0.12% | \$193.25 | \$78.66 | \$264.62 | \$143.95 | \$0.00 | \$0.00 | \$0.00 | |
| | | | | | | Sep-14 | 2011-2014 | Q3 | 0.12% | \$222.63 | \$86.62 | \$281.53 | \$150.13 | \$0.00 | \$0.00 | \$0.00 | |
| | | | | | | Oct-14 | 2011-2014 | Q4 | 0.12% | \$252.01 | \$94.59 | \$298.43 | \$156.31 | \$0.00 | \$0.00 | \$0.00 | |
| | | | | | | Nov-14 | 2011-2014 | Q4 | 0.12% | \$281.39 | \$102.56 | \$315.33 | \$162.49 | \$0.00 | \$0.00 | \$0.00 | |
| | | | | | | Dec-14 | 2011-2014 | Q4 | 0.12% | \$310.77 | \$110.52 | \$332.23 | \$168.67 | \$0.00 | \$0.00 | \$0.00 | |
| | | | | | | Total for 2014 | | | | | \$324.68 | \$636.58 | \$3,738.11 | \$2,624.19 | \$0.00 | \$0.00 | \$0.00 |
| | | | | | | Amount Cleared | | | | | | | | | | | |
| | | | | | | Opening Balance for 2015 | | | | | \$324.68 | \$636.58 | \$3,738.11 | \$2,624.19 | \$0.00 | \$0.00 | \$0.00 |
| | | | | | | Jan-15 | 2011-2015 | Q1 | 0.12% | \$340.15 | \$118.49 | \$349.13 | \$174.84 | \$0.00 | \$0.00 | \$0.00 | |
| | | | | | | Feb-15 | 2011-2015 | Q1 | 0.12% | \$355.23 | \$141.04 | \$345.98 | \$175.04 | \$0.92 | \$8.60 | \$0.00 | |
| | | | | | | Mar-15 | 2011-2015 | Q1 | 0.12% | \$370.31 | \$163.59 | \$342.83 | \$175.23 | \$1.84 | \$17.20 | \$0.00 | |
| | | | | | | Apr-15 | 2011-2015 | Q2 | 0.09% | \$128.38 | \$109.09 | \$128.19 | \$119.27 | \$0.00 | \$0.00 | \$0.00 | |
| | | | | | | May-15 | 2011-2015 | Q2 | 0.09% | \$239.67 | \$156.17 | \$251.83 | \$131.41 | \$2.76 | \$25.74 | \$0.00 | |
| | | | | | | Jun-15 | 2011-2015 | Q2 | 0.09% | \$310.95 | \$173.04 | \$249.47 | \$131.55 | \$3.45 | \$32.17 | \$0.00 | |

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| | | | | | | | | | | | | | | | | | | | |
|--------------------------|-----------|--|----|-------|-------------|------------|-------------|------------|----------|------------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|
| Jul-15 | 2011-2015 | | Q3 | 0.00% | \$322.23 | \$189.92 | \$247.12 | \$131.70 | \$4.14 | \$38.61 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$933.71 |
| Aug-15 | 2011-2015 | | Q3 | 0.00% | \$333.51 | \$206.79 | \$244.76 | \$131.84 | \$4.83 | \$45.04 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$966.78 |
| Sep-15 | 2011-2015 | | Q3 | 0.00% | \$344.79 | \$223.67 | \$242.41 | \$131.98 | \$5.51 | \$51.48 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$999.85 |
| Oct-15 | 2011-2015 | | Q4 | 0.00% | \$356.08 | \$240.54 | \$240.05 | \$132.12 | \$6.20 | \$57.91 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,032.91 |
| Nov-15 | 2011-2015 | | Q4 | 0.00% | \$367.36 | \$257.42 | \$237.70 | \$132.27 | \$6.89 | \$64.35 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,065.98 |
| Dec-15 | 2011-2015 | | Q4 | 0.00% | \$378.64 | \$274.31 | \$238.24 | \$132.41 | \$7.58 | \$71.23 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,098.95 |
| Total for 2015 | | | | | \$4,391.98 | \$2,920.85 | \$6,978.92 | \$4,335.85 | \$46.19 | \$431.20 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$19,104.99 |
| Amount Cleared | | | | | | | | | | | | | | | | | | | |
| Opening Balance for 2016 | | | | | \$4,391.98 | \$2,920.85 | \$6,978.92 | \$4,335.85 | \$46.19 | \$431.20 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$19,104.99 |
| Jan-16 | 2011-2016 | | Q1 | 0.00% | \$389.92 | \$291.17 | \$232.98 | \$132.55 | \$8.27 | \$77.22 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,132.12 |
| Feb-16 | 2011-2016 | | Q1 | 0.00% | \$389.92 | \$291.17 | \$232.98 | \$132.55 | \$8.27 | \$77.22 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,132.12 |
| Mar-16 | 2011-2016 | | Q1 | 0.00% | \$389.92 | \$291.17 | \$232.98 | \$132.55 | \$8.27 | \$77.22 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,132.12 |
| Apr-16 | 2011-2016 | | Q2 | 0.00% | \$389.92 | \$291.17 | \$232.98 | \$132.55 | \$8.27 | \$77.22 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,132.12 |
| May-16 | 2011-2016 | | Q2 | 0.00% | \$389.92 | \$291.17 | \$232.98 | \$132.55 | \$8.27 | \$77.22 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,132.12 |
| Jun-16 | 2011-2016 | | Q2 | 0.00% | \$389.92 | \$291.17 | \$232.98 | \$132.55 | \$8.27 | \$77.22 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,132.12 |
| Jul-16 | 2011-2016 | | Q3 | 0.00% | \$389.92 | \$291.17 | \$232.98 | \$132.55 | \$8.27 | \$77.22 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,132.12 |
| Aug-16 | 2011-2016 | | Q3 | 0.00% | \$389.92 | \$291.17 | \$232.98 | \$132.55 | \$8.27 | \$77.22 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,132.12 |
| Sep-16 | 2011-2016 | | Q3 | 0.00% | \$389.92 | \$291.17 | \$232.98 | \$132.55 | \$8.27 | \$77.22 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,132.12 |
| Oct-16 | 2011-2016 | | Q4 | 0.00% | \$389.92 | \$291.17 | \$232.98 | \$132.55 | \$8.27 | \$77.22 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,132.12 |
| Nov-16 | 2011-2016 | | Q4 | 0.00% | \$389.92 | \$291.17 | \$232.98 | \$132.55 | \$8.27 | \$77.22 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,132.12 |
| Dec-16 | 2011-2016 | | Q4 | 0.00% | \$389.92 | \$291.17 | \$232.98 | \$132.55 | \$8.27 | \$77.22 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,132.12 |
| Total for 2016 | | | | | \$9,071.05 | \$6,414.88 | \$9,774.73 | \$5,926.50 | \$145.45 | \$1,357.83 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$32,690.44 |
| Amount Cleared | | | | | | | | | | | | | | | | | | | |
| Opening Balance for 2017 | | | | | \$9,071.05 | \$6,414.88 | \$9,774.73 | \$5,926.50 | \$145.45 | \$1,357.83 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$32,690.44 |
| Jan-17 | 2011-2017 | | Q1 | 0.00% | \$389.92 | \$291.17 | \$232.98 | \$132.55 | \$8.27 | \$77.22 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,132.12 |
| Feb-17 | 2011-2017 | | Q1 | 0.00% | \$389.92 | \$291.17 | \$232.98 | \$132.55 | \$8.27 | \$77.22 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,132.12 |
| Mar-17 | 2011-2017 | | Q1 | 0.00% | \$389.92 | \$291.17 | \$232.98 | \$132.55 | \$8.27 | \$77.22 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,132.12 |
| Apr-17 | 2011-2017 | | Q2 | 0.00% | \$389.92 | \$291.17 | \$232.98 | \$132.55 | \$8.27 | \$77.22 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,132.12 |
| May-17 | 2011-2017 | | Q2 | 0.00% | \$389.92 | \$291.17 | \$232.98 | \$132.55 | \$8.27 | \$77.22 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,132.12 |
| Jun-17 | 2011-2017 | | Q2 | 0.00% | \$389.92 | \$291.17 | \$232.98 | \$132.55 | \$8.27 | \$77.22 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,132.12 |
| Jul-17 | 2011-2017 | | Q3 | 0.00% | \$389.92 | \$291.17 | \$232.98 | \$132.55 | \$8.27 | \$77.22 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,132.12 |
| Aug-17 | 2011-2017 | | Q3 | 0.00% | \$389.92 | \$291.17 | \$232.98 | \$132.55 | \$8.27 | \$77.22 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,132.12 |
| Sep-17 | 2011-2017 | | Q3 | 0.00% | \$389.92 | \$291.17 | \$232.98 | \$132.55 | \$8.27 | \$77.22 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,132.12 |
| Oct-17 | 2011-2017 | | Q4 | 0.00% | \$389.92 | \$291.17 | \$232.98 | \$132.55 | \$8.27 | \$77.22 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,132.12 |
| Nov-17 | 2011-2017 | | Q4 | 0.00% | \$389.92 | \$291.17 | \$232.98 | \$132.55 | \$8.27 | \$77.22 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,132.12 |
| Dec-17 | 2011-2017 | | Q4 | 0.00% | \$389.92 | \$291.17 | \$232.98 | \$132.55 | \$8.27 | \$77.22 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,132.12 |
| Total for 2017 | | | | | \$13,750.12 | \$9,908.90 | \$12,570.54 | \$7,517.15 | \$244.71 | \$2,284.47 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$46,275.89 |
| Amount Cleared | | | | | | | | | | | | | | | | | | | |
| Opening Balance for 2018 | | | | | \$13,750.12 | \$9,908.90 | \$12,570.54 | \$7,517.15 | \$244.71 | \$2,284.47 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$46,275.89 |
| Jan-18 | 2011-2018 | | Q1 | 0.00% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Feb-18 | 2011-2018 | | Q1 | 0.00% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Mar-18 | 2011-2018 | | Q1 | 0.00% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Apr-18 | 2011-2018 | | Q2 | 0.00% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| May-18 | 2011-2018 | | Q2 | 0.00% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Jun-18 | 2011-2018 | | Q2 | 0.00% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Jul-18 | 2011-2018 | | Q3 | 0.00% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Aug-18 | 2011-2018 | | Q3 | 0.00% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Sep-18 | 2011-2018 | | Q3 | 0.00% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Oct-18 | 2011-2018 | | Q3 | 0.00% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Nov-18 | 2011-2018 | | Q4 | 0.00% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Dec-18 | 2011-2018 | | Q4 | 0.00% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Total for 2018 | | | | | \$13,750.12 | \$9,908.90 | \$12,570.54 | \$7,517.15 | \$244.71 | \$2,284.47 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$46,275.89 |
| Amount Cleared | | | | | | | | | | | | | | | | | | | |
| Opening Balance for 2019 | | | | | \$13,750.12 | \$9,908.90 | \$12,570.54 | \$7,517.15 | \$244.71 | \$2,284.47 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$46,275.89 |
| Jan-19 | 2011-2019 | | Q1 | 0.00% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Feb-19 | 2011-2019 | | Q1 | 0.00% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Mar-19 | 2011-2019 | | Q1 | 0.00% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Apr-19 | 2011-2019 | | Q2 | 0.00% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| May-19 | 2011-2019 | | Q2 | 0.00% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Jun-19 | 2011-2019 | | Q2 | 0.00% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Jul-19 | 2011-2019 | | Q3 | 0.00% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Aug-19 | 2011-2019 | | Q3 | 0.00% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Sep-19 | 2011-2019 | | Q3 | 0.00% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Oct-19 | 2011-2019 | | Q4 | 0.00% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Nov-19 | 2011-2019 | | Q4 | 0.00% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Dec-19 | 2011-2019 | | Q4 | 0.00% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Total for 2019 | | | | | \$13,750.12 | \$9,908.90 | \$12,570.54 | \$7,517.15 | \$244.71 | \$2,284.47 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$46,275.89 |
| Amount Cleared | | | | | | | | | | | | | | | | | | | |



Ontario Energy Board

Supporting Documentation: LDC Persistence Savings Results from IESO

Version 2.0 (2017)

Legend

Instructions (Grey)

Supporting Documentation

The following tabs 7-a to 7-j must be populated with the verified savings results from the IESO's (or former OPA's) persistence reports.

The persistence data tabs have been structured in a way to match the formatting of the persistence report provided by the IESO.

[Tab 7-a. 2011](#)

[Tab 7-b. 2012](#)

[Tab 7-c. 2013](#)

[Tab 7-d. 2014](#)

[Tab 7-e. 2015](#)

[Tab 7-f. 2016](#)

| 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 |
|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|---------|---------|
| - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - |
| 303,473 | 109,271 | 96,188 | 96,188 | 71,039 | 71,039 | 64,547 | - | - | - | - | - |
| 261,108 | 85,204 | 70,665 | 70,665 | 65,129 | 65,129 | 63,505 | - | - | - | - | - |
| 3,070,047 | 3,070,047 | 3,070,047 | 3,070,047 | 3,070,047 | 3,070,047 | 3,070,047 | 3,070,047 | 3,070,047 | 2,755,498 | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - |
| 304,862 | 247,791 | 247,791 | 1,557 | 1,557 | 1,557 | - | - | - | - | - | - |
| 4,504,954 | 1,115,148 | 1,115,148 | 1,115,148 | 1,115,148 | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - |
| 357,485 | - | - | - | - | - | - | - | - | - | - | - |
| 17,700,219 | 17,700,219 | 17,700,219 | 17,700,219 | - | - | - | - | - | - | - | - |
| 1,244,589 | 1,244,589 | 1,244,589 | 1,244,589 | 1,244,589 | 1,244,589 | 910,795 | 910,795 | 910,795 | 910,795 | 910,795 | 910,795 |

| | | | | | | | | | |
|------|---------|---|---|---|---|---|---|---|---|
| | | | | | | | | | |
| 2040 | - | - | - | - | - | - | - | - | - |
| 2039 | - | - | - | - | - | - | - | - | - |
| 2038 | - | - | - | - | - | - | - | - | - |
| 2037 | - | - | - | - | - | - | - | - | - |
| 2036 | - | - | - | - | - | - | - | - | - |
| 2035 | - | - | - | - | - | - | - | - | - |
| 2034 | - | - | - | - | - | - | - | - | - |
| 2033 | - | - | - | - | - | - | - | - | - |
| 2032 | - | - | - | - | - | - | - | - | - |
| | 910,795 | | | | | | | | |



Ontario Energy Board

Legend

User Inputs (Green)

Instructions (Grey)

Table 7-b. 2012 Persisting Savings

1. LDCs are requested to paste a copy of the 2012 "LDC CDM Prog
2. Please ensure that verified adjustments to 2012 programs that b

| # | Portfolio | Program |
|------|---------------|-------------------------------------|
| | | |
| 1 | Tier 1 | Business |
| 2 | Tier 1 | Business |
| 3 | Tier 1 | Business |
| 4 | Tier 1 | Business |
| 5 | Tier 1 | Consumer |
| 6 | Tier 1 | Consumer |
| 7 | Tier 1 | Consumer |
| 8 | Tier 1 | Consumer |
| 9 | Tier 1 | Consumer |
| 10 | Tier 1 | Consumer |
| 11 | Tier 1 | Home Assistance |
| 12 | Tier 1 | Industrial |
| 13 | Tier 1 | Pre-2011 Programs Completed in 2011 |
| 14 | Tier 1 | Business |
| 15 | Tier 1 | Industrial |
| 16 | Tier 1 | Business |
| 17 | Non-Tier 1 | Consumer |
| 18 | Non-Tier 1 | Consumer |
| 19 | Non-Tier 1 | Consumer |
| 20 | Non-Tier 1 | Consumer |
| 21 | Non-Tier 1 | Industrial |
| 22 | Non-Tier 1 | Business |
| 23 | Non-Tier 1 | Business |
| 24 | Non-Tier 1 | Business |
| 25 | Non-Tier 1 | Business |
| 26 | Tier 1 - 2011 | Business |
| 27 | Tier 1 - 2011 | Business |
| 28 | Tier 1 - 2011 | Business |
| 29 | Tier 1 - 2011 | Pre-2011 Programs Completed in 2011 |
| 30 | Tier 1 - 2011 | Consumer |
| 31 | Tier 1 - 2011 | Consumer |
| 32 | Tier 1 - 2011 | Consumer |
| etc. | | |

[Go to Tab 4.](#)

Program Results Persistence Report" in the space below as it relates to the calculation of LRAMVA.

Income available in future evaluation audits are included in the 2012 form below.

| Initiative | LDC | Sector | Conservation Resource Type | (Implementation) Year |
|-----------------------------------------------------------------------|-----------------------|--------|----------------------------|-----------------------|
| Direct Install Lighting Retrofit | Horizon U C&I | EE | | 2012 |
| Energy Audit | Horizon U C&I | EE | | 2012 |
| High Performance New Construction | Horizon U C&I | EE | | 2012 |
| Appliance Exchange | Horizon U Residential | EE | | 2012 |
| Appliance Retirement | Horizon U Residential | EE | | 2012 |
| Bi-Annual Retailer Event | Horizon U Residential | EE | | 2012 |
| Conservation Instant Coupon Booklet | Horizon U Residential | EE | | 2012 |
| HVAC Incentives | Horizon U Residential | EE | | 2012 |
| Residential Demand Response | Horizon U Residential | DR | | 2012 |
| Home Assistance Program | Horizon U Residential | EE | | 2012 |
| Demand Response 3 | Horizon U Industrial | DR | | 2012 |
| High Performance New Construction | Horizon U C&I | EE | | 2012 |
| Demand Response 3 (part of the Industrial program schedule) | Horizon U C&I | DR | | 2012 |
| Energy Manager | Horizon U Industrial | | | 2012 |
| Commercial Demand Response (part of the Residential program schedule) | Horizon U C&I | DR | | 2012 |
| Residential and Small Commercial Demand Response | Horizon U Residential | DR | | 2012 |
| Residential and Small Commercial Demand Response | Horizon U Residential | DR | | 2012 |
| Residential and Small Commercial Demand Response | Horizon U Residential | DR | | 2012 |
| Residential and Small Commercial Demand Response | Horizon U Residential | DR | | 2012 |
| Demand Response 3 | Horizon U Industrial | DR | | 2012 |
| Residential and Small Commercial Demand Response | Horizon U Business | DR | | 2012 |
| Residential and Small Commercial Demand Response | Horizon U Business | DR | | 2012 |
| Residential and Small Commercial Demand Response | Horizon U Business | DR | | 2012 |
| Demand Response 3 | Horizon U Business | DR | | 2012 |
| Retrofit | Horizon U C&I | EE | | 2011 |
| Direct Install Lighting | Horizon U C&I | EE | | 2011 |
| Energy Audit | Horizon U C&I | EE | | 2011 |
| High Performance New Construction | Horizon U C&I | EE | | 2011 |
| HVAC Incentives | Horizon U Residential | EE | | 2011 |
| Bi-Annual Retailer Event | Horizon U Residential | EE | | 2011 |
| Conservation Instant Coupon Booklet | Horizon U Residential | EE | | 2011 |

Supporting Documentation: 2012 LDC Persistence Savings Results from IESO

| Tx (Transmission) or Dx (Distribution) Connected | Status | Notes | Activity Unit Name | Activity / Participation (i.e. # of appliances) | Gross Summer Peak Demand Savings (kW) | Gross Energy Savings (kWh) | Net Verified Annual Peak Demand Sav | | |
|-----------------------------------------------------------|--------|----------------------------------|--------------------------|----------------------------------------------------------|---------------------------------------------|-------------------------------|-------------------------------------|--------|-------|
| | | | | | | | 2011 | 2012 | 2013 |
| | | Final; Released Augu Projects | | 662 | 608 | 1,079,789 | - | 550 | 550 |
| | | Final; Released Augu Projects | | 178 | 2,207 | 12,768,626 | - | 1,659 | 1,640 |
| | | Final; Released Augu Audits | | 3 | 21 | 42,023 | - | 16 | 16 |
| | | Final; Released Augu Projects | | 2 | 0 | 20,893 | - | 0 | 0 |
| | | Final; Released Augu Appliance | | 131 | 25 | 65,609 | - | 19 | 19 |
| | | Final; Released Augu Appliance | | 1671 | 127 | 1,424,425 | - | 96 | 96 |
| | | Final; Released Augu Products | | 42891 | 80 | 1,181,405 | - | 60 | 60 |
| | | Final; Released Augu Products | | 1249 | 12 | 56,527 | - | 9 | 9 |
| | | Final; Released Augu Installatio | | 5007 | 1,451 | 4,424,797 | - | 1,091 | 1,091 |
| | | Final; Released Augu Devices | | 5393 | 3,590 | 13,650 | - | 2,699 | - |
| | | Final; Released Augu Projects | | 235 | 32 | (7,876) | - | 24 | 24 |
| | | Final; Released Augu Facilities | | 7 | 8,571 | (85,270) | - | 6,445 | - |
| | | Final; Released Augu Projects | | 3 | 195 | 1,164,328 | - | 146 | 146 |
| | | Final; Released Augu Facilities | | 4 | 706 | 7,718 | - | 531 | - |
| | | Final; Released August 31, 2013 | | 3 | 80 | 531,516 | - | 60 | 60 |
| | | Final; Released Augu Devices | | 9 | 8 | 33 | - | 6 | - |
| | | Final; Released Augu Devices | | 2,489.00 | 1,521 | 7,839 | - | 1,144 | - |
| | | Final; Released Augu Devices | | 67 | 44 | 235 | - | 33 | - |
| | | Final; Released Augu Devices | | 5,534.00 | 3,810 | 12,562 | - | 2,864 | - |
| | | Final; Released Augu Devices | | 2 | 1 | 7 | - | 1 | - |
| | | Final; Released Augu Facilities | | 9 | 39,248 | 711,166 | - | 29,510 | - |
| | | Final; Released Augu Devices | | 48 | 41 | 175 | - | 31 | - |
| | | Final; Released Augu Devices | | 2 | 2 | 7 | - | 1 | - |
| | | Final; Released Augu Devices | | 42 | 36 | 153 | - | 27 | - |
| | | Final; Released Augu Facilities | | 1 | 148 | 1,614 | - | 111 | - |
| | | Final; Released Augu Projects | | 16 | 149 | 813,113 | 112 | 112 | 112 |
| | | Final; Released Augu Projects | | 22 | 30 | 65,529 | 28 | 28 | 28 |
| | | Final; Released Augu Projects | | 10 | 52 | 251,763 | 52 | 52 | 52 |
| | | Final; Released Augu Buildings | | 1 | 0 | 3,337,431 | 295 | 295 | 295 |
| | | Final; Released Augu Installatio | | -1069 | (715) | (1,309,150) | (298) | (298) | (298) |
| | | Final; Released Augu Products | | 3308 | 5 | 95,962 | 4 | 4 | 4 |
| | | Final; Released Augu Products | | 332 | 1 | 10,349 | 1 | 1 | 1 |



ings at the End-User Level (kW)

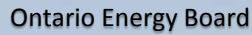
| 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 534 | 467 | 467 | 136 | 136 | 136 | 136 | 136 | 127 | 127 | - |
| 1,597 | 1,568 | 1,565 | 1,418 | 1,390 | 1,385 | 1,330 | 999 | 969 | 969 | 490 |
| 16 | 16 | - | - | - | - | - | - | - | - | - |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 19 | - | - | - | - | - | - | - | - | - |
| 96 | 93 | 51 | - | - | - | - | - | - | - | - |
| 60 | 60 | 55 | 46 | 35 | 35 | 35 | 22 | 9 | 9 | 9 |
| 9 | 9 | 9 | 9 | 8 | 8 | 8 | 8 | 0 | 0 | 0 |
| 1,091 | 1,091 | 1,091 | 1,091 | 1,091 | 1,091 | 1,091 | 1,091 | 1,091 | 1,091 | 1,091 |
| - | - | - | - | - | - | - | - | - | - | - |
| 24 | 24 | 24 | 24 | 23 | 23 | 13 | 11 | 9 | 9 | 7 |
| - | - | - | - | - | - | - | - | - | - | - |
| 146 | 146 | 146 | 146 | 146 | 146 | 146 | 146 | 146 | 146 | - |
| - | - | - | - | - | - | - | - | - | - | - |
| 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - |
| 112 | 112 | 111 | 96 | 48 | 48 | 48 | 47 | 45 | 25 | 25 |
| 26 | 26 | 26 | 7 | 7 | 7 | 7 | 7 | 7 | - | - |
| 52 | 52 | - | - | - | - | - | - | - | - | - |
| 295 | 295 | 295 | 295 | 295 | 295 | 295 | 295 | 295 | 295 | 295 |
| (298) | (298) | (298) | (298) | (298) | (298) | (298) | (298) | (298) | (298) | (298) |
| 4 | 4 | 4 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 0 |
| 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | Net Verified Annual Energy Savings at the End-User Level (kWh) | | | | | |
|------|------|------|--|----------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|
| 2038 | 2039 | 2040 | | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
| - | - | - | | - | 1,875,038 | 1,875,038 | 1,817,432 | 1,557,887 | 1,557,887 |
| - | - | - | | - | 9,600,471 | 9,532,535 | 9,389,579 | 9,295,397 | 9,282,626 |
| - | - | - | | - | 75,529 | 75,529 | 75,529 | 75,529 | - |
| - | - | - | | - | 1,331 | 1,331 | 1,331 | 1,331 | 1,331 |
| - | - | - | | - | 33,812 | 33,812 | 33,812 | 33,507 | - |
| - | - | - | | - | 669,778 | 669,778 | 669,778 | 667,421 | 389,535 |
| - | - | - | | - | 1,082,743 | 1,082,743 | 1,082,743 | 1,082,743 | 973,317 |
| - | - | - | | - | 56,527 | 56,527 | 56,527 | 56,527 | 55,678 |
| - | - | - | | - | 1,843,136 | 1,843,136 | 1,843,136 | 1,843,136 | 1,843,136 |
| - | - | - | | - | 13,650 | - | - | - | - |
| - | - | - | | - | 286,839 | 286,839 | 286,839 | 286,839 | 281,080 |
| - | - | - | | - | 155,311 | - | - | - | - |
| - | - | - | | - | 582,164 | 582,164 | 582,164 | 582,164 | 582,164 |
| - | - | - | | - | 7,718 | - | - | - | - |
| - | - | - | | - | 479,921 | 479,921 | 479,921 | 479,921 | 479,921 |
| - | - | - | | - | 33 | - | - | - | - |
| - | - | - | | - | 7,839 | - | - | - | - |
| - | - | - | | - | 235 | - | - | - | - |
| - | - | - | | - | 12,562 | - | - | - | - |
| - | - | - | | - | 7 | - | - | - | - |
| - | - | - | | - | 711,166 | - | - | - | - |
| - | - | - | | - | 175 | - | - | - | - |
| - | - | - | | - | 7 | - | - | - | - |
| - | - | - | | - | 153 | - | - | - | - |
| - | - | - | | - | 1,614 | - | - | - | - |
| - | - | - | | 615,841 | 615,841 | 615,841 | 615,841 | 615,841 | 611,887 |
| - | - | - | | 60,847 | 60,847 | 60,847 | 56,320 | 56,320 | 56,320 |
| - | - | - | | 251,763 | 251,763 | 251,763 | 251,763 | 251,763 | - |
| - | - | - | | 1,668,716 | 1,668,716 | 1,668,716 | 1,668,716 | 1,668,716 | 1,668,716 |
| - | - | - | | (545,322) | (545,322) | (545,322) | (545,322) | (545,322) | (545,322) |
| - | - | - | | 88,271 | 88,271 | 88,271 | 88,271 | 88,271 | 80,213 |
| - | - | - | | 11,144 | 11,144 | 11,144 | 11,144 | 11,144 | 10,182 |

| 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 508,602 | 508,602 | 508,460 | 508,460 | 508,460 | 419,507 | 419,507 | - |
| 8,799,102 | 8,577,353 | 8,546,488 | 8,314,197 | 6,213,056 | 5,712,948 | 5,503,478 | 2,658,264 |
| - | - | - | - | - | - | - | - |
| 1,331 | 1,331 | 1,331 | 1,331 | 1,331 | 1,331 | 1,331 | 1,331 |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| 791,446 | 539,847 | 538,725 | 538,725 | 273,631 | 203,070 | 196,759 | 196,759 |
| 55,678 | 26,219 | 26,074 | 26,074 | 26,074 | 4,235 | 3,411 | 3,411 |
| 1,843,136 | 1,843,136 | 1,843,136 | 1,843,136 | 1,843,136 | 1,843,136 | 1,843,136 | 1,843,136 |
| - | - | - | - | - | - | - | - |
| 281,080 | 265,687 | 259,543 | 71,679 | 69,194 | 53,331 | 53,331 | 47,225 |
| - | - | - | - | - | - | - | - |
| 582,164 | 582,164 | 582,164 | 582,164 | 582,164 | 582,164 | 582,164 | - |
| - | - | - | - | - | - | - | - |
| 479,921 | 479,921 | 479,921 | 479,921 | 479,921 | 479,921 | 479,921 | 479,921 |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| 545,801 | 248,054 | 248,054 | 248,054 | 227,146 | 219,730 | 85,282 | 85,282 |
| 15,838 | 15,838 | 15,838 | 15,838 | 14,610 | 14,610 | - | - |
| - | - | - | - | - | - | - | - |
| 1,668,716 | 1,668,716 | 1,668,716 | 1,668,716 | 1,668,716 | 1,668,716 | 1,668,716 | 1,668,716 |
| (545,322) | (545,322) | (545,322) | (545,322) | (545,322) | (545,322) | (545,322) | (545,322) |
| 43,306 | 43,297 | 43,297 | 9,552 | 8,025 | 7,369 | 7,369 | 6,115 |
| 6,247 | 6,238 | 6,238 | 2,210 | 998 | 726 | 726 | 652 |

| 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 |
|-----------|-----------|-----------|-----------|-----------|-----------|---------|--------|------|
| - | - | - | - | - | - | - | - | - |
| 2,159,451 | 2,159,451 | 212,836 | 196,882 | 196,882 | 196,882 | 196,882 | - | - |
| - | - | - | - | - | - | - | - | - |
| 1,331 | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - |
| 183,022 | 183,022 | 180,519 | 50,650 | 50,650 | 50,650 | 50,650 | - | - |
| 2,931 | 2,931 | 2,822 | - | - | - | - | - | - |
| 1,843,136 | 1,843,136 | 1,843,136 | 1,843,136 | 1,843,136 | 1,615,824 | - | - | - |
| - | - | - | - | - | - | - | - | - |
| 47,225 | 18,875 | 18,267 | 18,267 | 18,267 | 18,267 | 18,267 | 13,293 | - |
| - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - |
| 479,921 | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - |
| 84,548 | 84,548 | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - |
| 1,668,716 | - | - | - | - | - | - | - | - |
| (545,322) | (545,322) | (545,322) | (545,322) | (494,163) | - | - | - | - |
| 6,115 | 6,108 | - | - | - | - | - | - | - |
| 652 | 645 | - | - | - | - | - | - | - |

[illegible]



User Inputs (Green)

Instructions (Grey)

[Go to Tab 4.](#)

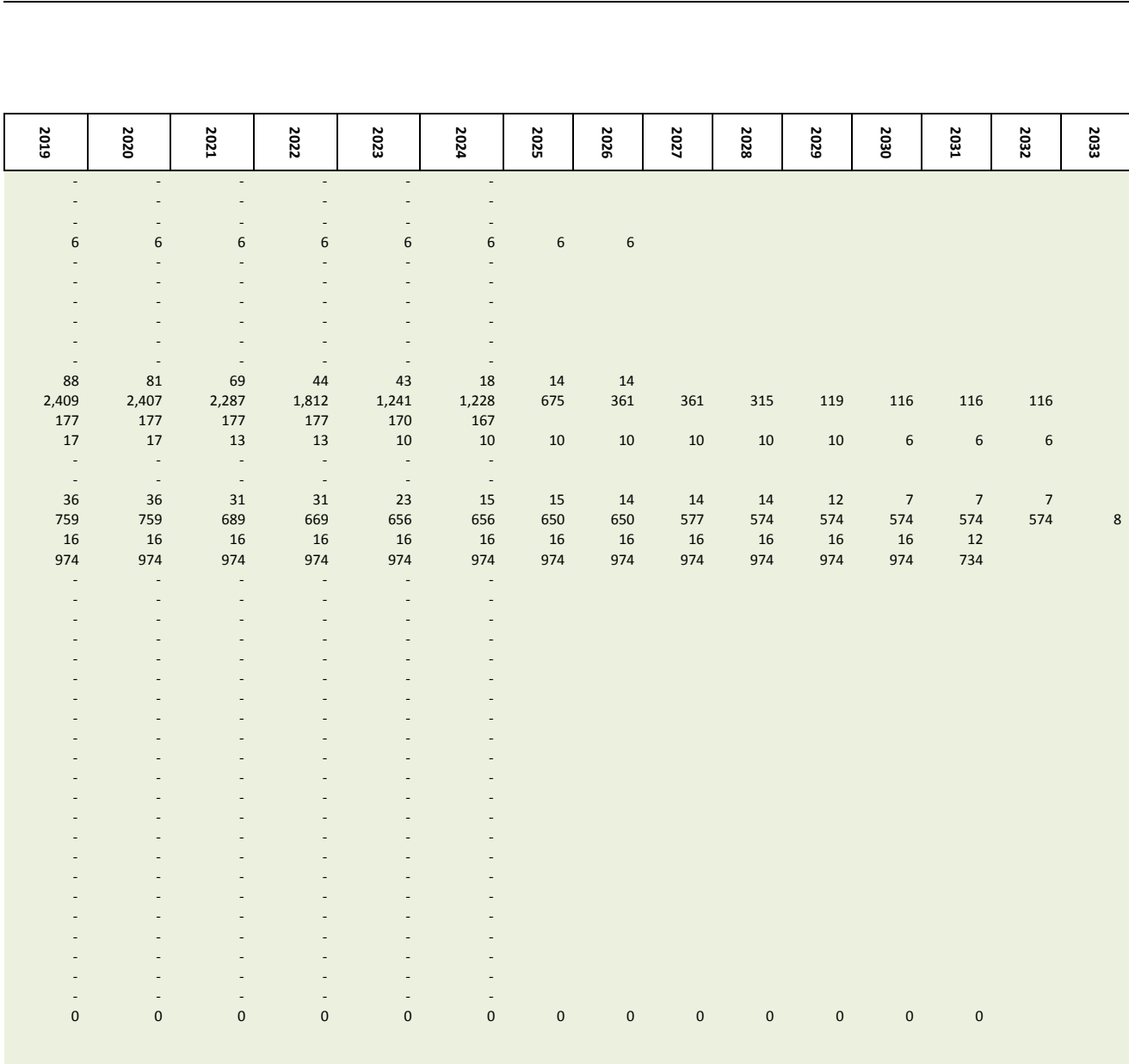
- [illegible]

Supporting Documentation:

2013 LDC Persistence Savings Results from IESO

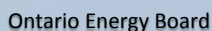
AMVA.

| Activity Unit Name | Activity / Participation (i.e. # of appliances) | Gross Summer Peak Demand Savings (kW) | Gross Energy Savings (kWh) | Net Verified Annual Peak Demand Savings at the End-User Level (kW) | | | | | | | |
|--------------------|-------------------------------------------------|---------------------------------------|----------------------------|--------------------------------------------------------------------|------|--------|-------|-------|-------|-------|-------|
| | | | | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
| Audit | 1 | 5 | 25,176 | | 5 | 5 | 5 | 5 | - | - | - |
| Audit | 8 | 107 | 586,485 | | | 71 | 71 | 71 | 71 | - | - |
| Facilities | 5 | - | - | | | 597 | - | - | - | - | - |
| | 3 | 11 | 38,576 | | | 6 | 6 | 6 | 6 | 6 | 6 |
| Devices | 2 | - | - | | | 1 | - | - | - | - | - |
| Devices | 2 | - | - | | | 1 | - | - | - | - | - |
| Devices | 12 | - | - | | | 8 | - | - | - | - | - |
| Devices | 4 | - | - | | | 3 | - | - | - | - | - |
| Devices | 10 | - | - | | | - | - | - | - | - | - |
| Devices | 5 | - | - | | | - | - | - | - | - | - |
| Projects | 29 | 134 | 792,821 | | 105 | 105 | 102 | 102 | 102 | 90 | 88 |
| Projects | 372 | 4,031 | 22,384,514 | | | 2,948 | 2,856 | 2,838 | 2,775 | 2,525 | 2,409 |
| Projects | 415 | 479 | 1,528,270 | | | 453 | 453 | 447 | 414 | 177 | 177 |
| measures | 14,024 | 19 | 276,622 | | | 21 | 21 | 20 | 17 | 17 | 17 |
| Appliance | 178 | 70 | 124,940 | | | 37 | 37 | 37 | 37 | - | - |
| Appliance | 877 | 124 | 793,096 | | | 57 | 57 | 57 | 56 | 33 | - |
| measures | 38,196 | 46 | 664,698 | | | 48 | 48 | 45 | 36 | 36 | 36 |
| Projects C | 3,550 | 808 | 4,634,362 | | | 808 | 803 | 798 | 781 | 773 | 767 |
| Equipmen | 84 | 36 | 61,698 | | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| Equipmen | 4,768 | 1,997 | 3,426,318 | | | 974 | 974 | 974 | 974 | 974 | 974 |
| Devices | 135 | - | - | | | 53 | - | - | - | - | - |
| Devices | 398 | - | - | | | 156 | - | - | - | - | - |
| Devices | 857 | - | - | | | 335 | - | - | - | - | - |
| Devices | 1,365 | - | - | | | 539 | - | - | - | - | - |
| Devices | 1,034 | - | - | | | 404 | - | - | - | - | - |
| Devices | 1,921 | - | - | | | 758 | - | - | - | - | - |
| Devices | 1,617 | - | - | | | 628 | - | - | - | - | - |
| Devices | 2,233 | - | - | | | 866 | - | - | - | - | - |
| Devices | 3,917 | - | - | | | - | - | - | - | - | - |
| Devices | 4,451 | - | - | | | - | - | - | - | - | - |
| Facilities | 9 | - | - | | | 13,261 | - | - | - | - | - |
| | 5 | 25 | 198,003 | | | 23 | 17 | 17 | 17 | 11 | - |
| Devices | 76 | - | - | | | 49 | - | - | - | - | - |
| Devices | 2 | - | - | | | 1 | - | - | - | - | - |
| Devices | 13 | - | - | | | 8 | - | - | - | - | - |
| Devices | 605 | - | - | | | 237 | - | - | - | - | - |
| Devices | 1,016 | - | - | | | 402 | - | - | - | - | - |
| Devices | 1,431 | - | - | | | 559 | - | - | - | - | - |
| Devices | 1,934 | - | - | | | 765 | - | - | - | - | - |
| Devices | 1,212 | - | - | | | 476 | - | - | - | - | - |
| Facilities | 2 | - | - | | | 2,588 | - | - | - | - | - |
| Appliance | 1 | 0 | 522 | | | 0 | 0 | 0 | 0 | 0 | - |
| Equipmen | 1 | 0 | 688 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



| | | | | | | | Net Verified Annual Energy Savings at the End-User Level (kWh) | | | | |
|------|------|------|------|------|------|------|----------------------------------------------------------------|---------|------------|------------|------------|
| 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2011 | 2012 | 2013 | 2014 | 2015 |
| - | - | - | - | - | - | - | - | 25,176 | 25,176 | 25,176 | 25,176 |
| - | - | - | - | - | - | - | - | - | 387,606 | 387,606 | 387,606 |
| - | - | - | - | - | - | - | - | - | 9,571 | - | - |
| - | - | - | - | - | - | - | - | - | 20,831 | 20,831 | 20,831 |
| - | - | - | - | - | - | - | - | - | 2 | - | - |
| - | - | - | - | - | - | - | - | - | 2 | - | - |
| - | - | - | - | - | - | - | - | - | 12 | - | - |
| - | - | - | - | - | - | - | - | - | 2 | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | 626,454 | 626,454 | 615,907 | 615,907 |
| - | - | - | - | - | - | - | - | - | 16,367,574 | 16,081,473 | 16,026,304 |
| - | - | - | - | - | - | - | - | - | 1,442,489 | 1,442,489 | 1,420,165 |
| - | - | - | - | - | - | - | - | - | 311,606 | 311,606 | 299,598 |
| - | - | - | - | - | - | - | - | - | 65,760 | 65,760 | 65,760 |
| - | - | - | - | - | - | - | - | - | 372,961 | 372,961 | 372,961 |
| - | - | - | - | - | - | - | - | - | 694,555 | 694,555 | 652,707 |
| - | - | - | - | - | - | - | - | - | 4,634,362 | 4,542,446 | 4,441,123 |
| - | - | - | - | - | - | - | - | 30,424 | 30,424 | 30,424 | 30,424 |
| - | - | - | - | - | - | - | - | - | 1,639,842 | 1,639,842 | 1,639,842 |
| - | - | - | - | - | - | - | - | - | 212 | - | - |
| - | - | - | - | - | - | - | - | - | 573 | - | - |
| - | - | - | - | - | - | - | - | - | 1,283 | - | - |
| - | - | - | - | - | - | - | - | - | 1,882 | - | - |
| - | - | - | - | - | - | - | - | - | 1,539 | - | - |
| - | - | - | - | - | - | - | - | - | 2,613 | - | - |
| - | - | - | - | - | - | - | - | - | 2,378 | - | - |
| - | - | - | - | - | - | - | - | - | 673 | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | 331,641 | - | - |
| - | - | - | - | - | - | - | - | - | 178,203 | 126,236 | 126,236 |
| - | - | - | - | - | - | - | - | - | 78 | - | - |
| - | - | - | - | - | - | - | - | - | 2 | - | - |
| - | - | - | - | - | - | - | - | - | 13 | - | - |
| - | - | - | - | - | - | - | - | - | 917 | - | - |
| - | - | - | - | - | - | - | - | - | 1,437 | - | - |
| - | - | - | - | - | - | - | - | - | 2,040 | - | - |
| - | - | - | - | - | - | - | - | - | 2,729 | - | - |
| - | - | - | - | - | - | - | - | - | 1,725 | - | - |
| - | - | - | - | - | - | - | - | - | 100,174 | - | - |
| - | - | - | - | - | - | - | - | - | 247 | 247 | 247 |
| - | - | - | - | - | - | - | - | 336 | 336 | 336 | 336 |

| | | | | |
|--|------|-------------|--|--|
| | | | | |
| | 2040 | <div></div> | | |
| | 2039 | | | |
| | 2038 | | | |
| | 2037 | | | |
| | 2036 | | | |



Instructions (Grey)

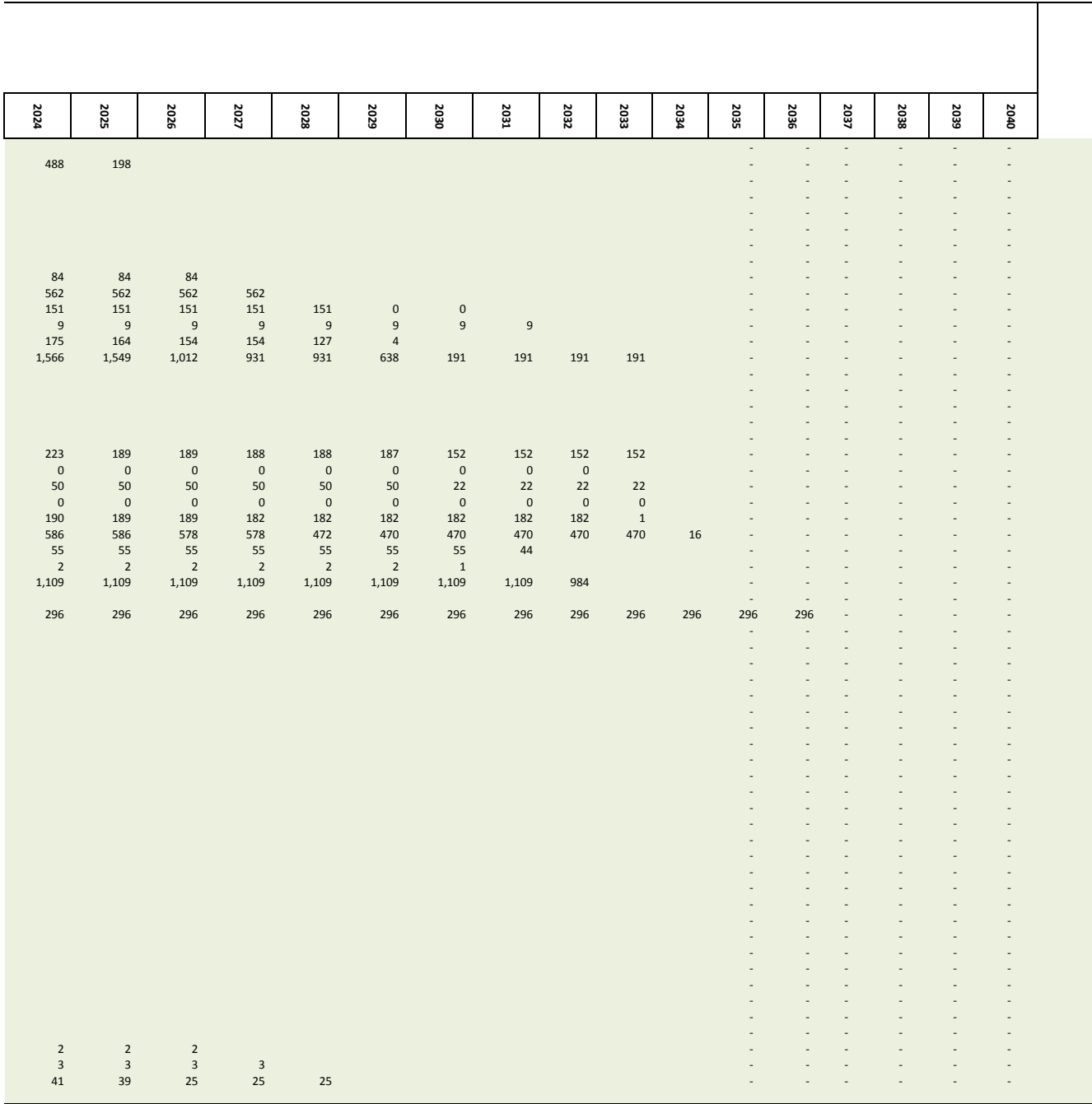
Table 7-d. 2014 Persisting Savings

[Go to Tab 4](#)

1. LDCs are requested to paste a copy of the 2014 "LDC CDM Program Results Persistence Report" in the space below as it relates to the calculation of LRAMVA.
2. Please ensure that verified adjustments to 2014 programs that become available in future evaluation audits are included in the 2014 form below.

| # | Portfolio | Program | Initiative | LDC | Sector | Conservation Resource Type | (Implementation) Year | Tx (Transmission) or Dx (Distribution) Connected | Status | Notes | Activity Unit Name | Activity / Participation (i.e. # of appliances) |
|---|---------------|--------------|-------------------------------------|-----------|-------------|----------------------------|-----------------------|--------------------------------------------------|--------|-------|------------------------|-------------------------------------------------|
| | | | | | | | | | | | | |
| | 1 LDC | Business | Building Commissioning | Horizon U | Commercial | EE | 2014 | Dx | | n/a | Buildings | 2 |
| | 2 LDC | Business | Direct Install Lighting | Horizon U | Commercial | EE | 2014 | Dx | | n/a | Projects | 991 |
| | 3 LDC | Business | Energy Audit | Horizon U | Commercial | EE | 2011 | Dx | | n/a | Audit | |
| | 4 LDC | Business | Energy Audit | Horizon U | Commercial | EE | 2012 | Dx | | n/a | Audit | 1 |
| | 5 LDC | Business | Energy Audit | Horizon U | Commercial | EE | 2012 | Dx | | n/a | Audit | 1 |
| | 6 LDC | Business | Energy Audit | Horizon U | Commercial | EE | 2013 | Dx | | n/a | Audit | 1 |
| | 7 LDC | Business | Energy Audit | Horizon U | Commercial | EE | 2013 | Dx | | n/a | Audit | 2 |
| | 8 LDC | Business | Energy Audit | Horizon U | Commercial | EE | 2014 | Dx | | n/a | Audit | 20 |
| | 9 LDC | Business | High Performance New Construction | Horizon U | Commercial | EE | 2012 | Dx | | n/a | | 4 |
| | 10 LDC | Business | High Performance New Construction | Horizon U | Commercial | EE | 2013 | Dx | | n/a | | 4 |
| | 11 LDC | Business | High Performance New Construction | Horizon U | Commercial | EE | 2014 | Dx | | n/a | | 8 |
| | 12 LDC | Business | Retrofit | Horizon U | Commercial | EE | 2012 | Dx | | n/a | Projects | 14 |
| | 13 LDC | Business | Retrofit | Horizon U | Commercial | EE | 2013 | Dx | | n/a | Projects | 29 |
| | 14 LDC | Business | Retrofit | Horizon U | Commercial | EE | 2014 | Dx | | n/a | Projects | 457 |
| | 15 LDC | Consumer | Appliance Exchange | Horizon U | Residential | EE | 2014 | Dx | | n/a | Dehumidifier Appliance | 203 |
| | 16 LDC | Consumer | Appliance Retirement | Horizon U | Residential | EE | 2014 | Dx | | n/a | Appliance | 6 |
| | 17 LDC | Consumer | Appliance Retirement | Horizon U | Residential | EE | 2014 | Dx | | n/a | Appliance | 8 |
| | 18 LDC | Consumer | Appliance Retirement | Horizon U | Residential | EE | 2014 | Dx | | n/a | Appliance | 203 |
| | 19 LDC | Consumer | Appliance Retirement | Horizon U | Residential | EE | 2014 | Dx | | n/a | Appliance | 386 |
| | 20 LDC | Consumer | Bi-Annual Retailer Event | Horizon U | Residential | EE | 2014 | Dx | | n/a | Custom measures | 195,058 |
| | 21 LDC | Consumer | Conservation Instant Coupon Booklet | Horizon U | Residential | EE | 2013 | Dx | | n/a | Custom measures | 42 |
| | 22 LDC | Consumer | Conservation Instant Coupon Booklet | Horizon U | Residential | EE | 2014 | Dx | | n/a | Custom measures | 42,295 |
| | 23 LDC | Home Assist | Home Assistance Program | Horizon U | Residential | EE | 2012 | Dx | | n/a | Homes | 12 |
| | 24 LDC | Home Assist | Home Assistance Program | Horizon U | Residential | EE | 2013 | Dx | | n/a | Homes | 206 |
| | 25 LDC | Home Assist | Home Assistance Program | Horizon U | Residential | EE | 2014 | Dx | | n/a | Homes | 3,538 |
| | 26 LDC | Consumer | HVAC Incentives | Horizon U | Residential | DR | 2013 | Dx | | n/a | Blended LE Equipment | 255 |
| | 27 LDC | Consumer | HVAC Incentives | Horizon U | Residential | EE | 2012 | Dx | | n/a | Equipment | 8 |
| | 28 LDC | Consumer | HVAC Incentives | Horizon U | Residential | EE | 2014 | Dx | | n/a | Equipment | 5,772 |
| | 29 LDC | Other | Time-of-Use Savings | Horizon U | Other | DR | 2014 | Dx | | n/a | n/a | |
| | 30 LDC | Pre-2011 Prc | High Performance New Construction | Horizon U | Commercial | EE | 2012 | Dx | | n/a | | 1 |
| | 31 non-Tier 1 | Business | Commercial Demand Response | Horizon U | Commercial | DR | 2007 | Dx | | n/a | Devices | 73 |
| | 32 non-Tier 1 | Business | Commercial Demand Response | Horizon U | Commercial | DR | 2008 | Dx | | n/a | Devices | 2 |
| | 33 non-Tier 1 | Business | Commercial Demand Response | Horizon U | Commercial | DR | 2009 | Dx | | n/a | Devices | 12 |
| | 34 non-Tier 1 | Consumer | Residential Demand Response | Horizon U | Residential | DR | 2006 | Dx | | n/a | Devices | 575 |
| | 35 non-Tier 1 | Consumer | Residential Demand Response | Horizon U | Residential | DR | 2007 | Dx | | n/a | Devices | 951 |
| | 36 non-Tier 1 | Consumer | Residential Demand Response | Horizon U | Residential | DR | 2008 | Dx | | n/a | Devices | 1,336 |
| | 37 non-Tier 1 | Consumer | Residential Demand Response | Horizon U | Residential | DR | 2009 | Dx | | n/a | Devices | 1,785 |
| | 38 non-Tier 1 | Consumer | Residential Demand Response | Horizon U | Residential | DR | 2010 | Dx | | n/a | Devices | 1,143 |
| | 39 non-Tier 1 | Industrial | Demand Response 3 | Horizon U | Industrial | DR | 2014 | Dx | | n/a | Facilities | 2 |
| | 40 Tier 1 | Business | Demand Response 3 | Horizon U | Commercial | DR | 2014 | Dx | | n/a | Facilities | 5 |
| | 41 Tier 1 | Business | Commercial Demand Response | Horizon U | Commercial | DR | 2007 | Dx | | n/a | Devices | 2 |
| | 42 Tier 1 | Business | Commercial Demand Response | Horizon U | Commercial | DR | 2009 | Dx | | n/a | Devices | 3 |
| | 43 Tier 1 | Business | Commercial Demand Response | Horizon U | Commercial | DR | 2011 | Dx | | n/a | Devices | 2 |
| | 44 Tier 1 | Business | Commercial Demand Response | Horizon U | Commercial | DR | 2012 | Dx | | n/a | Devices | 12 |
| | 45 Tier 1 | Business | Commercial Demand Response | Horizon U | Commercial | DR | 2013 | Dx | | n/a | Devices | 2 |
| | 46 Tier 1 | Business | Commercial Demand Response | Horizon U | Commercial | DR | 2014 | Dx | | n/a | Devices | 1 |
| | 47 Tier 1 | Consumer | Residential Demand Response | Horizon U | Residential | DR | 2006 | Dx | | n/a | Devices | 149 |
| | 48 Tier 1 | Consumer | Residential Demand Response | Horizon U | Residential | DR | 2007 | Dx | | n/a | Devices | 437 |
| | 49 Tier 1 | Consumer | Residential Demand Response | Horizon U | Residential | DR | 2008 | Dx | | n/a | Devices | 900 |
| | 50 Tier 1 | Consumer | Residential Demand Response | Horizon U | Residential | DR | 2009 | Dx | | n/a | Devices | 1,474 |
| | 51 Tier 1 | Consumer | Residential Demand Response | Horizon U | Residential | DR | 2010 | Dx | | n/a | Devices | 1,085 |
| | 52 Tier 1 | Consumer | Residential Demand Response | Horizon U | Residential | DR | 2011 | Dx | | n/a | Devices | 1,888 |
| | 53 Tier 1 | Consumer | Residential Demand Response | Horizon U | Residential | DR | 2012 | Dx | | n/a | Devices | 1,572 |
| | 54 Tier 1 | Consumer | Residential Demand Response | Horizon U | Residential | DR | 2013 | Dx | | n/a | Devices | 2,174 |
| | 55 Tier 1 | Consumer | Residential Demand Response | Horizon U | Residential | DR | 2014 | Dx | | n/a | Devices | 2,860 |
| | 56 Tier 1 | Industrial | Demand Response 3 | Horizon U | Industrial | DR | 2014 | Dx | | n/a | Facilities | 11 |
| | 57 Tier 1 | Industrial | Energy Managers | Horizon U | Industrial | EE | 2012 | Dx | | n/a | | 1 |
| | 58 Tier 1 | Industrial | Energy Managers | Horizon U | Industrial | EE | 2013 | Dx | | n/a | | 3 |
| | 59 Tier 1 | Industrial | Energy Managers | Horizon U | Industrial | EE | 2014 | Dx | | n/a | | 9 |
| | etc. | | | | | | | | | | | |

| Gross Summer Peak Demand Savings (kW) | Gross Energy Savings (kWh) | | Net Verified Annual Peak Demand Savings at the End-User Level (kW) | | | | | | | | | | | |
|---------------------------------------|----------------------------|--|--------------------------------------------------------------------|------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
| 133 | 157,250 | | | | | 133 | 133 | 133 | | | | | | |
| 852 | 2,940,240 | | | | 852 | 847 | 789 | 497 | 497 | 497 | 497 | 497 | 497 | 497 |
| 2 | 48,882 | | 2 | 2 | 2 | 2 | | | | | | | | |
| 0 | 2,562 | | | 0 | 0 | 0 | 0 | | | | | | | |
| 1 | 7,687 | | | 1 | 1 | 1 | 1 | | | | | | | |
| 0 | 514 | | | | 0 | 0 | 0 | 0 | | | | | | |
| 18 | 193,932 | | | | 18 | 18 | 18 | | | | | | | |
| 267 | 1,305,471 | | | | 267 | 267 | 267 | 267 | | | | | | |
| 85 | 673,613 | | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 84 |
| 581 | 6,403,939 | | | | 581 | 581 | 581 | 581 | 581 | 581 | 581 | 573 | 573 | 562 |
| 151 | 521,315 | | | | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 |
| 162 | 3,226,823 | | 169 | 169 | 162 | 162 | 162 | 157 | 157 | 157 | 157 | 156 | 155 | 155 |
| 317 | 3,131,172 | | | 320 | 317 | 317 | 317 | 312 | 307 | 307 | 306 | 281 | 245 | 186 |
| 2,594 | 19,282,049 | | | | 2,594 | 2,586 | 2,586 | 2,473 | 2,473 | 2,443 | 2,362 | 2,362 | 2,260 | 1,920 |
| 42 | 74,996 | | | | 42 | 42 | 42 | 42 | | | | | | |
| 1 | 626 | | | | 1 | 1 | 1 | 1 | | | | | | |
| 1 | 2,525 | | | | 1 | 1 | 1 | 1 | | | | | | |
| 14 | 102,437 | | | | 14 | 14 | 14 | 14 | | | | | | |
| 23 | 157,732 | | | | 23 | 23 | 23 | 23 | 23 | | | | | |
| 325 | 4,968,775 | | | | 325 | 284 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 245 |
| 0 | 953 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 86 | 1,153,159 | | | | 86 | 81 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 70 |
| 1 | 26,031 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| 199 | 1,418,207 | | | 200 | 200 | 199 | 198 | 197 | 197 | 197 | 197 | 192 | 192 | 190 |
| 713 | 8,689,063 | | | | 717 | 713 | 696 | 689 | 683 | 683 | 680 | 680 | 612 | 595 |
| 55 | 190,430 | | | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 |
| 2 | 9,352 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1,109 | 2,035,819 | | | | 1,109 | 1,109 | 1,109 | 1,109 | 1,109 | 1,109 | 1,109 | 1,109 | 1,109 | 1,109 |
| 2,487 | - | | | | 2,487 | | | | | | | | | |
| 296 | 7,918,181 | | 296 | 296 | 296 | 296 | 296 | 296 | 296 | 296 | 296 | 296 | 296 | 296 |
| | | | | | 41 | | | | | | | | | |
| | | | | | 1 | | | | | | | | | |
| | | | | | 7 | | | | | | | | | |
| | | | | | 204 | | | | | | | | | |
| | | | | | 339 | | | | | | | | | |
| | | | | | 475 | | | | | | | | | |
| | | | | | 636 | | | | | | | | | |
| | | | | | 406 | | | | | | | | | |
| | | | | | 2,738 | | | | | | | | | |
| | | | | | 595 | | | | | | | | | |
| | | | | | 1 | | | | | | | | | |
| | | | | | 2 | | | | | | | | | |
| | | | | | 1 | | | | | | | | | |
| | | | | | 7 | | | | | | | | | |
| | | | | | 1 | | | | | | | | | |
| | | | | | 1 | | | | | | | | | |
| | | | | | 53 | | | | | | | | | |
| | | | | | 155 | | | | | | | | | |
| | | | | | 320 | | | | | | | | | |
| | | | | | 525 | | | | | | | | | |
| | | | | | 386 | | | | | | | | | |
| | | | | | 672 | | | | | | | | | |
| | | | | | 558 | | | | | | | | | |
| | | | | | 771 | | | | | | | | | |
| | | | | | 1,016 | | | | | | | | | |
| | | | | | 17,093 | | | | | | | | | |
| 6 | 13,208 | | 7 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 2 | 2 |
| (15) | (255,205) | | | (21) | (15) | (15) | (15) | (9) | 3 | 3 | 3 | 3 | 3 | 3 |
| 41 | 1,056,692 | | | | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 |



Net Verified Annual Energy Savings at the End-User Level (kWh)

[illegible]

[illegible]



Ontario Energy Board

Legend

User Inputs (Green)

Instructions (Grey)

Table 7-e. 2015 Persisting Savings

1. LDCs are requested to paste a copy of the 2015 "LDC CDM Program Results Persistence Report" in the space provided.
2. Please ensure that verified adjustments to 2015 programs that become available in future evaluation audits are included in the report.

| # | Portfolio | Program |
|------|-----------|--------------------------------------------------------------------------------|
| | | |
| 1 | | Coupon Initiative |
| 2 | | Bi-Annual Retailer Event Initiative |
| 3 | | Appliance Retirement Initiative |
| 4 | | HVAC Incentives Initiative |
| 5 | | Residential New Construction and Major Renovation Initiative |
| 6 | | Energy Audit Initiative |
| 7 | | Efficiency: Equipment Replacement Incentive Initiative |
| 8 | | Direct Install Lighting and Water Heating Initiative |
| 9 | | New Construction and Major Renovation Initiative |
| 10 | | Existing Building Commissioning Incentive Initiative |
| 11 | | Process and Systems Upgrades Initiatives - Project Incentive Initiative |
| 12 | | Process and Systems Upgrades Initiatives - Energy Manager Initiative |
| 13 | | Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative |
| 14 | | Low Income Initiative |
| 15 | | Loblaws Pilot |
| 16 | | Social Benchmarking Pilot |
| 17 | | Conservation Fund Pilot - SEG |
| 18 | | Conservation Fund Pilot - EnerNOC |
| 19 | | Aboriginal Conservation Program |
| 20 | | Program Enabled Savings |
| 21 | | Save on Energy Coupon Program |
| 22 | | Save on Energy Heating and Cooling Program |
| 23 | | Save on Energy Home Assistance Program |
| 24 | | Save on Energy Audit Funding Program |
| 25 | | Save on Energy Retrofit Program |
| etc. | | |

Support 2015 LDC Persistence

[Go to Tab 5.](#)

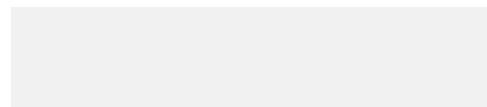
ace below as it relates to the calculation of LRAMVA.

are included in the 2015 form below.

| Initiative | LDC | Sector | Conservation Resource Type | (Implementation) Year | Tx (Transmission) or Dx (Distribution) Connected | Status | Notes | Activity Unit Name |
|------------|-----|--------|-------------------------------|--------------------------|-----------------------------------------------------------|--------|-------|--------------------------|
| | | | | | | | | |

ing Documentation:

nce Savings Results from IESO



| Activity / Participation (i.e. # of appliances) | Gross Summer Peak Demand Savings (kW) | Gross Energy Savings (kWh) | Net Verified Annual Peak Demand Savings at the End-User Level (kW) | | | | | | |
|----------------------------------------------------|---------------------------------------|----------------------------|--------------------------------------------------------------------|------|------|------|-------|-------|-------|
| | | | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| | | | | | | | 38 | 37 | 37 |
| | | | | | | | 102 | 99 | 99 |
| | | | | | | | 13 | 13 | 13 |
| | | | | | | | 783 | 783 | 783 |
| | | | | | | | 62 | 62 | 62 |
| | | | | | | | 106 | 106 | 106 |
| | | | | | | | 2,370 | 2,370 | 2,330 |
| | | | | | | | 1,178 | 1,019 | 734 |
| | | | | | | | 39 | 39 | 39 |
| | | | | | | | 250 | 250 | 250 |
| | | | | | | | 3,348 | 3,348 | 3,348 |
| | | | | | | | 116 | 116 | 116 |
| | | | | | | | 0 | 0 | 0 |
| | | | | | | | 20 | 17 | 17 |
| | | | | | | | 0 | 0 | 0 |
| | | | | | | | 505 | 0 | 0 |
| | | | | | | | 0 | 0 | 0 |
| | | | | | | | 0 | 0 | 0 |
| | | | | | | | 0 | 0 | 0 |
| | | | | | | | 0 | 0 | 0 |
| | | | | | | | 252 | 250 | 250 |
| | | | | | | | 837 | 837 | 837 |
| | | | | | | | 0 | 0 | 0 |
| | | | | | | | 0 | 0 | 0 |
| | | | | | | | 260 | 260 | 260 |



| 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|
| 37 | 37 | 37 | 37 | 37 | 37 | 37 | 32 | 32 | 32 | 32 | 32 |
| 99 | 99 | 99 | 99 | 99 | 99 | 99 | 74 | 64 | 64 | 64 | 64 |
| 13 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 783 | 783 | 783 | 783 | 783 | 783 | 783 | 783 | 783 | 783 | 783 | 783 |
| 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 |
| 106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2,330 | 2,330 | 2,324 | 2,246 | 2,246 | 2,190 | 1,936 | 1,245 | 1,194 | 970 | 795 | 795 |
| 733 | 733 | 733 | 733 | 733 | 733 | 733 | 720 | 223 | 0 | 0 | 0 |
| 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 32 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3,348 | 3,348 | 3,348 | 3,348 | 3,348 | 3,348 | 3,348 | 157 | 157 | 157 | 157 | 157 |
| 116 | 116 | 103 | 103 | 103 | 100 | 92 | 65 | 12 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 16 | 16 | 16 | 16 | 12 | 12 | 11 | 11 | 11 | 11 | 2 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 250 | 250 | 250 | 250 | 249 | 249 | 249 | 224 | 224 | 224 | 223 | 223 |
| 837 | 837 | 837 | 837 | 837 | 837 | 837 | 837 | 837 | 837 | 837 | 837 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 260 | 260 | 260 | 245 | 245 | 243 | 195 | 75 | 72 | 44 | 44 | 44 |



| 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | |
|------|------|------|------|------|------|------|------|------|------|------|--|
| 32 | 13 | 13 | 13 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 64 | 43 | 43 | 43 | 43 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 783 | 783 | 783 | 696 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 62 | 62 | 62 | 62 | 62 | 57 | 57 | 57 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 624 | 336 | 336 | 336 | 336 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2 | 2 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 222 | 61 | 61 | 61 | 61 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 837 | 837 | 837 | 752 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 37 | 31 | 31 | 31 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | |

Net Verified Annual Energy Savings at the End-User Level (kWh)

| 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|------|------|------|------|------------|------------|------------|------------|------------|------------|
| | | | | 585,232 | 580,190 | 580,190 | 580,190 | 580,190 | 580,190 |
| | | | | 1,375,807 | 1,328,446 | 1,328,446 | 1,328,446 | 1,328,446 | 1,328,446 |
| | | | | 86,849 | 86,849 | 86,849 | 86,432 | 47,616 | 0 |
| | | | | 1,477,035 | 1,477,035 | 1,477,035 | 1,477,035 | 1,477,035 | 1,477,035 |
| | | | | 219,469 | 219,469 | 219,469 | 219,469 | 219,469 | 219,469 |
| | | | | 499,499 | 499,499 | 499,499 | 499,499 | 0 | 0 |
| | | | | 25,824,643 | 25,824,643 | 25,697,363 | 25,696,945 | 25,696,945 | 25,676,804 |
| | | | | 4,901,161 | 4,211,758 | 3,148,129 | 3,146,287 | 3,146,287 | 3,146,287 |
| | | | | 58,323 | 58,323 | 58,323 | 58,323 | 58,323 | 58,323 |
| | | | | 596,676 | 596,676 | 596,676 | 0 | 0 | 0 |
| | | | | 29,092,220 | 29,092,220 | 29,092,220 | 29,092,220 | 29,092,220 | 29,092,220 |
| | | | | 1,382,502 | 1,382,502 | 1,382,502 | 1,382,502 | 1,358,635 | 1,320,160 |
| | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 237,547 | 185,413 | 176,726 | 169,475 | 169,475 | 169,475 |
| | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 2,978,654 | 0 | 0 | 0 | 0 | 0 |
| | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 417,923 | 417,923 | 417,923 | 417,923 | 417,923 | 417,923 |
| | | | | 3,913,143 | 3,879,729 | 3,879,729 | 3,879,729 | 3,879,729 | 3,879,729 |
| | | | | 1,587,453 | 1,587,453 | 1,587,453 | 1,587,453 | 1,587,453 | 1,587,453 |
| | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 1,883,044 | 1,883,044 | 1,882,176 | 1,882,176 | 1,882,176 | 1,882,176 |

| 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
|------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|
| 580,190 | 580,033 | 580,033 | 580,033 | 518,769 | 516,204 | 516,204 | 515,276 | 515,276 |
| 1,328,446 | 1,328,446 | 1,328,446 | 1,328,446 | 1,178,266 | 1,018,592 | 1,018,592 | 1,018,592 | 1,018,592 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1,477,035 | 1,477,035 | 1,477,035 | 1,477,035 | 1,477,035 | 1,477,035 | 1,477,035 | 1,477,035 | 1,477,035 |
| 219,469 | 219,469 | 219,469 | 219,469 | 219,469 | 219,469 | 219,469 | 219,469 | 219,469 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25,138,822 | 25,138,822 | 24,860,563 | 23,036,754 | 18,023,880 | 17,534,117 | 4,990,062 | 4,433,065 | 4,433,065 |
| 3,146,287 | 3,146,287 | 3,146,287 | 3,146,287 | 3,000,236 | 829,290 | 0 | 0 | 0 |
| 58,323 | 58,323 | 58,323 | 58,323 | 58,323 | 58,323 | 58,323 | 58,323 | 29,414 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29,092,220 | 29,092,220 | 29,092,220 | 29,092,220 | 1,377,500 | 1,377,500 | 1,377,500 | 1,377,500 | 1,377,500 |
| 1,320,160 | 1,312,773 | 1,299,574 | 528,341 | 442,298 | 80,814 | 2,948 | 2,948 | 2,948 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 166,931 | 166,831 | 86,294 | 85,862 | 81,001 | 80,388 | 79,825 | 79,825 | 8,230 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 417,923 | 417,923 | 417,923 | 417,923 | 417,923 | 417,923 | 417,923 | 417,923 | 417,923 |
| 3,879,729 | 3,877,505 | 3,877,505 | 3,877,505 | 3,636,835 | 3,616,432 | 3,616,432 | 3,540,890 | 3,540,890 |
| 1,587,453 | 1,587,453 | 1,587,453 | 1,587,453 | 1,587,453 | 1,587,453 | 1,587,453 | 1,587,453 | 1,587,453 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1,786,538 | 1,786,538 | 1,755,270 | 1,432,240 | 564,489 | 485,719 | 149,063 | 149,063 | 149,063 |

| 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 |
|-----------|-----------|-----------|-----------|---------|---------|---------|---------|------|------|------|
| 515,003 | 202,745 | 202,745 | 202,745 | 202,745 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1,018,592 | 686,140 | 686,140 | 686,140 | 686,140 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1,477,035 | 1,477,035 | 1,477,035 | 1,399,353 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 219,469 | 219,469 | 219,469 | 219,469 | 219,469 | 143,902 | 143,902 | 143,902 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3,096,171 | 972,236 | 972,236 | 972,236 | 972,236 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8,134 | 8,134 | 8,134 | 8,134 | 8,134 | 4,649 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3,532,881 | 975,158 | 975,158 | 975,158 | 975,158 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1,587,453 | 1,587,453 | 1,587,453 | 1,511,512 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 94,214 | 75,233 | 75,233 | 75,233 | 75,233 | 0 | 0 | 0 | 0 | 0 | 0 |

Peak Demand Savings attributed to LED Street Lighting Project

| | | SL billed kW prior LED SL Project | | Net kW reduction |
|-------------------|------------------|--------------------------------------------|------------------|---------------------|
| Month | Billed kW | | | |
| | Jan-15 | 6,602.14 | | |
| | Feb-15 | 6,594.32 | | |
| | Mar-15 | 6,573.63 | | |
| | Apr-15 | 6,538.58 | | |
| | May-15 | 6,198.97 | | |
| | Jun-15 | 5,930.84 | | |
| | Jul-15 | 5,691.54 | | |
| | Aug-15 | 5,466.39 | | |
| | Sep-15 | 5,003.90 | | |
| | Oct-15 | 4,966.22 | | |
| | Nov-15 | 4,969.82 | | |
| | Dec-15 | 4,951.74 | | |
| 2015 total | 69,488.09 | 80,726 | 11,237.91 | |

ATTACHMENT 12 – 2011-2014 FINAL IESO RESULTS REPORT HORIZON UTILITIES RZ



saveONenergy™

Message from the Vice President:

The IESO is pleased to provide the enclosed 2011-2014 Final Results Report. This report is designed to help populate LDC Annual Reports that will be submitted to the Ontario Energy Board (OEB) in September 2015.

2011-2014 Conservation Framework Highlights:

- LDCs have made significant achievements against dual energy and peak demand savings targets. Collectively, the LDCs have achieved 109% of the energy target and 70% of the peak demand target.
- Momentum has built as we transition to the Conservation First Framework. 2014 demonstrated an achievement of over 1 TWh of net incremental energy savings, positioning us well for average net incremental energy savings of 1.2 TWh required in the new framework to meet our 2020 CDM targets.
- Throughout the past framework, program results have become more predictable year over year as noted in the increasingly smaller variance between quarterly preliminary results and verified final results.
- Customer engagement continued to increase in both the Consumer and Business Programs. Between 2011 - 2014 consumers have purchased over 10 million energy efficient products through the saveONenergy COUPONS program. Customers in RETROFIT continue to declare a positive experience participating in the program with 86% likely to recommend.
- saveONenergy has seen a steady and significant increase in unaided brand awareness by 33% from 2011-2014
- Conservation is becoming even more cost-effective as programs become more efficient and effective. 2014 proved early investments in long lead time projects will pay off with the high savings now being realized in programs like PROCESS & SYSTEMS and RETROFIT. Within 4 cents per kWh, Conservation programs continue to be a valuable and cost effective resource for customers across the province.

The 2011-2014 Final Results within this report vary from the Draft 2011-2014 Final Results Report for the following reasons:

- Savings from Time of Use pricing are included in the Final Results Report. Overall the province saved 55 MWs from Time-of-Use pricing in 2014, or 0.73% of residential summer peak demand.
- Between August 4th and August 28th, the IESO and LDCs have worked collaboratively to reconcile projects from 2011-2014 Final Results Report to ensure every eligible project was captured and accurately reported.
- Verified savings from Innovation Fund pilots are also included for participating LDCs.

All results will be considered final for the 2011-2014 Conservation Framework. Any additional program activity not captured in the 2011-2014 Final Results Report will not be included as part of a future adjustment process.

Please continue to monitor saveONenergy E-blasts for future updates and should you have any other questions or comments please contact LDC.Support@ieso.ca.

We appreciate your collaboration and cooperation throughout the reporting and evaluation process and we look forward to the success ahead in the Conservation First Framework.

Sincerely,

Terry Young

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IESO-Contracted Province-Wide CDM Programs: 2011-2014 Final Results Report

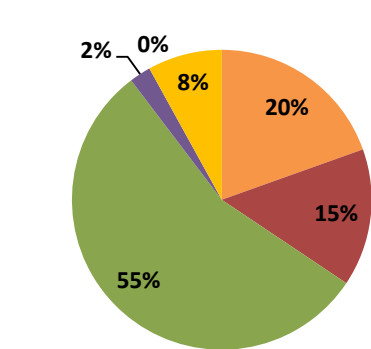
LDC: Horizon Utilities Corporation

| Final 2014 Achievement Against Targets | 2014 Incremental | 2011-2014 Achievement Against Target | % of Target Achieved |
|--------------------------------------------|------------------|--------------------------------------|----------------------|
| Net Annual Peak Demand Savings (MW) | 32.7 | 48.8 | 80.8% |
| Net Energy Savings (GWh) | 47.8 | 302.5 | 107.5% |

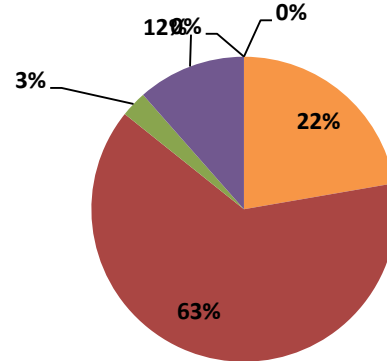
Unless otherwise noted, results are presented using scenario 1 which assumes that demand response resources have a persistence of 1 year

Achievement by Sector

2014 Incremental Peak Demand Savings (MW)



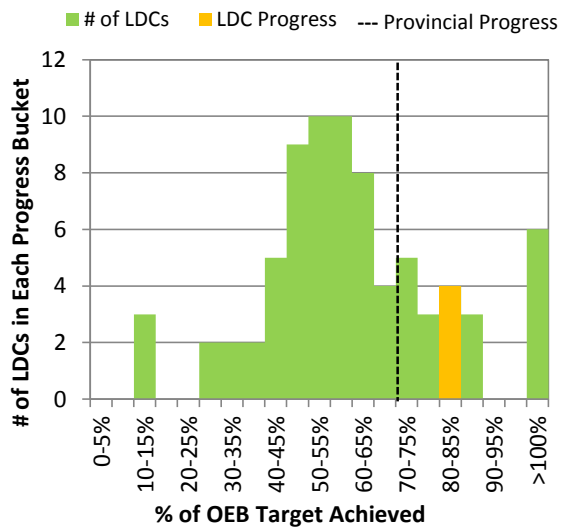
2014 Incremental Energy Savings (GWh)



Consumer Business Industrial HAP ACP Other

Comparison: LDC Achievement vs. LDC Community Achievement (Progress to Target)

% of OEB Peak Demand Savings Target Achieved



% of OEB Energy Savings Target Achieved

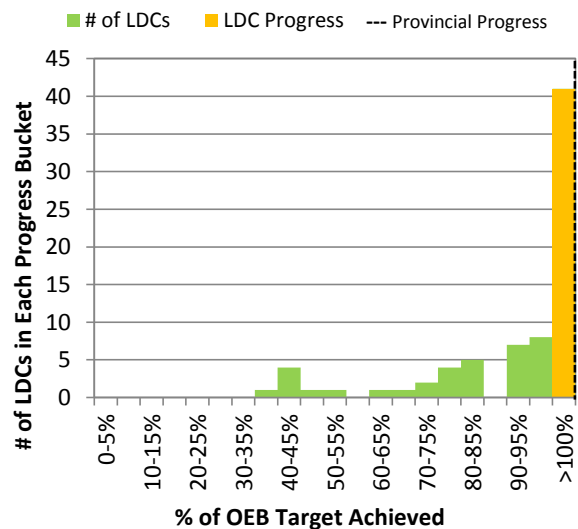


Table 1: Horizon Utilities Corporation Initiative and Program Level Net Savings by Year

| Initiative | Unit | Incremental Activity (new program activity occurring within the specified reporting period) | | | | Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period) | | | | Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period) | | | | Program-to-Date Verified Progress to Target (excludes DR) | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------------------------------------------------------------|--------|--------|---------|---------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|------------------------------------------------------------------------------------------------------------------|------------|------------|------------|--------------------------------------------------------------|-----------------------------------------------|
| | | 2011* | 2012* | 2013* | 2014 | 2011 | 2012 | 2013 | 2014 | 2011 | 2012 | 2013 | 2014 | 2014 Net Annual Peak Demand Savings (kW) | 2011-2014 Net Cumulative Energy Savings (kWh) |
| | | | | | | | | | | | | | | | |
| Consumer Program | | | | | | | | | | | | | | | |
| Appliance Retirement | Appliances | 3,034 | 1,671 | 878 | 604 | 172 | 96 | 57 | 39 | 1,238,865 | 669,778 | 373,209 | 263,320 | 360 | 7,970,691 |
| Appliance Exchange | Appliances | 186 | 131 | 178 | 203 | 18 | 19 | 37 | 42 | 21,438 | 33,812 | 65,760 | 74,996 | 104 | 382,515 |
| HVAC Incentives | Equipment | 5,029 | 5,100 | 5,023 | 5,772 | 1,693 | 1,091 | 974 | 1,109 | 3,070,047 | 1,843,136 | 1,639,842 | 2,035,819 | 4,867 | 23,125,099 |
| Conservation Instant Coupon Booklet | Items | 21,872 | 1,249 | 14,067 | 42,295 | 50 | 9 | 21 | 86 | 810,293 | 56,527 | 311,606 | 1,153,159 | 166 | 5,187,125 |
| Bi-Annual Retailer Event | Items | 38,494 | 42,891 | 38,196 | 195,057 | 68 | 60 | 48 | 325 | 1,188,091 | 1,082,743 | 694,555 | 4,968,775 | 501 | 14,358,479 |
| Retailer Co-op | Items | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Residential Demand Response | Devices | 1,952 | 5,393 | 9,560 | 12,539 | 1,093 | 2,699 | 3,738 | 4,457 | 2,830 | 13,650 | 11,153 | 1,510 | 4,457 | 29,144 |
| Residential Demand Response (IHD) | Devices | 0 | 3,855 | 8,368 | 11,478 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Residential New Construction | Homes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Consumer Program Total | | | | | | 3,093 | 3,975 | 4,876 | 6,059 | 6,331,565 | 3,699,646 | 3,096,125 | 8,497,580 | 10,455 | 51,053,054 |
| Business Program | | | | | | | | | | | | | | | |
| Retrofit | Projects | 87 | 221 | 401 | 457 | 857 | 1,659 | 2,948 | 2,594 | 4,805,916 | 9,600,471 | 16,367,574 | 19,282,049 | 7,903 | 99,477,343 |
| Direct Install Lighting | Projects | 715 | 662 | 415 | 991 | 661 | 550 | 453 | 852 | 1,693,346 | 1,875,038 | 1,442,489 | 2,940,240 | 2,383 | 17,756,732 |
| Building Commissioning | Buildings | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 133 | 0 | 0 | 0 | 157,250 | 133 | 157,250 |
| New Construction | Buildings | 0 | 6 | 7 | 8 | 0 | 0 | 6 | 151 | 0 | 1,331 | 20,831 | 521,315 | 157 | 566,970 |
| Energy Audit | Audits | 15 | 4 | 10 | 20 | 0 | 16 | 71 | 267 | 0 | 75,529 | 387,606 | 1,305,471 | 353 | 2,307,270 |
| Small Commercial Demand Response | Devices | 0 | 9 | 20 | 22 | 0 | 6 | 13 | 12 | 0 | 33 | 18 | 0 | 12 | 51 |
| Small Commercial Demand Response (IHD) | Devices | 0 | 0 | 15 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Demand Response 3 | Facilities | 5 | 4 | 5 | 5 | 536 | 531 | 597 | 595 | 20,936 | 7,718 | 9,571 | 0 | 595 | 38,226 |
| Business Program Total | | | | | | 2,054 | 2,762 | 4,086 | 4,604 | 6,520,199 | 11,560,119 | 18,228,089 | 24,206,326 | 11,536 | 120,303,842 |
| Industrial Program | | | | | | | | | | | | | | | |
| Process & System Upgrades | Projects | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Monitoring & Targeting | Projects | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Energy Manager | Projects | 0 | 4 | 8 | 9 | 0 | 60 | 23 | 41 | 0 | 479,921 | 178,203 | 1,056,692 | 118 | 2,800,895 |
| Retrofit | Projects | 15 | 0 | 0 | 0 | 70 | 0 | 0 | 0 | 402,527 | 0 | 0 | 0 | 70 | 1,610,107 |
| Demand Response 3 | Facilities | 6 | 7 | 9 | 11 | 3,498 | 6,445 | 13,261 | 17,093 | 205,346 | 155,311 | 331,641 | 0 | 17,093 | 692,298 |
| Industrial Program Total | | | | | | 3,568 | 6,505 | 13,283 | 17,134 | 607,873 | 635,233 | 509,844 | 1,056,692 | 17,281 | 5,103,300 |
| Home Assistance Program | | | | | | | | | | | | | | | |
| Home Assistance Program | Homes | 0 | 247 | 3,756 | 3,538 | 0 | 24 | 808 | 717 | 0 | 286,839 | 4,634,362 | 4,387,048 | 1,545 | 14,424,372 |
| Home Assistance Program Total | | | | | | 0 | 24 | 808 | 717 | 0 | 286,839 | 4,634,362 | 4,387,048 | 1,545 | 14,424,372 |
| Aboriginal Program | | | | | | | | | | | | | | | |
| Home Assistance Program | Homes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Direct Install Lighting | Projects | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aboriginal Program Total | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pre-2011 Programs completed in 2011 | | | | | | | | | | | | | | | |
| Electricity Retrofit Incentive Program | Projects | 118 | 0 | 0 | 0 | 3,066 | 0 | 0 | 0 | 17,700,219 | 0 | 0 | 0 | 3,066 | 70,800,874 |
| High Performance New Construction | Projects | 8 | 4 | 0 | 0 | 242 | 146 | 0 | 0 | 1,244,589 | 582,164 | 0 | 0 | 389 | 6,724,846 |
| Toronto Comprehensive | Projects | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Multifamily Energy Efficiency Rebates | Projects | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LDC Custom Programs | Projects | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pre-2011 Programs completed in 2011 Total | | | | | | 3,308 | 146 | 0 | 0 | 18,944,807 | 582,164 | 0 | 0 | 3,455 | 77,525,721 |
| Other | | | | | | | | | | | | | | | |
| Program Enabled Savings | Projects | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Time-of-Use Savings | Homes | 0 | 0 | 0 | n/a | 0 | 0 | 0 | 2,487 | 0 | 0 | 0 | 0 | 2,487 | 0 |
| LDC Pilots | Projects | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Total | | | | | | 0 | 0 | 0 | 2,487 | 0 | 0 | 0 | 0 | 2,487 | 0 |
| Adjustments to 2011 Verified Results | | | | | | 19302 | | | | 2,151,259012,220 | | | | 1948,649,390 | |
| Adjustments to 2012 Verified Results | | | | | | 126552 | | | | 682,3904,088,349 | | | | 67614,343,093 | |
| Adjustments to 2013 Verified Results | | | | | | 1,156 | | | | 5,566,313 | | | | 1,15611,095,738 | |
| Energy Efficiency Total | | | | | | 6,896 | 3,730 | 5,445 | 8,845 | 32,175,331 | 16,587,289 | 26,116,036 | 38,146,135 | 24,601 | 267,650,570 |
| Demand Response Total (Scenario 1) | | | | | | 5,128 | 9,681 | 17,608 | 22,157 | 229,113 | 176,712 | 352,384 | 1,510 | 22,157 | 759,719 |
| Adjustments to Previous Years' Verified Results Total | | | | | | 0 | 193 | 126 | 1,711 | 0 | 2,151,259 | 682,390 | 9,666,883 | 2,025 | 34,088,221 |
| OPA-Contracted LDC Portfolio Total (inc. Adjustments) | | | | | | 12,023 | 13,604 | 23,180 | 32,712 | 32,404,444 | 18,915,260 | 27,150,809 | 47,814,528 | 48,783 | 302,498,510 |
| Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively). | | | | | | | | | | | | | | Full OEB Target: | |
| Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year. | | | | | | | | | | | | | | 2011-2014 Final Results Report | |
| % of Full OEB Target Achieved to Date (Scenario 1): | | | | | | | | | | | | | | 80.8% | 107.5% |

Table 2: Adjustments to Horizon Utilities Corporation Net Verified Results due to Variances

| Initiative | Unit | Incremental Activity (new program activity occurring within the specified reporting period) | | | | Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period) | | | | Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period) | | | | Program-to-Date Verified Progress to Target (excludes DR) | |
|-------------------------------------------------------|------------|------------------------------------------------------------------------------------------------|-------|-------|------|---------------------------------------------------------------------------------------------------------------------------|------|-------|------|------------------------------------------------------------------------------------------------------------------|-----------|-----------|------|--------------------------------------------------------------|-----------------------------------------------|
| | | 2011* | 2012* | 2013* | 2014 | 2011 | 2012 | 2013 | 2014 | 2011 | 2012 | 2013 | 2014 | 2014 Net Annual Peak Demand Savings (kW) | 2011-2014 Net Cumulative Energy Savings (kWh) |
| | | | | | | | | | | | | | | | |
| Consumer Program | | | | | | | | | | | | | | | |
| Appliance Retirement | Appliances | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Appliance Exchange | Appliances | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| HVAC Incentives | Equipment | -1,069 | 93 | 255 | | -298 | 18 | 55 | | -545,322 | 33,877 | 95,215 | | -225 | -1,889,229 |
| Conservation Instant Coupon Booklet | Items | 332 | 0 | 42 | | 1 | 0 | 0 | | 11,144 | 0 | 953 | | 1 | 46,483 |
| Bi-Annual Retailer Event | Items | 3,308 | 0 | 0 | | 4 | 0 | 0 | | 88,271 | 0 | 0 | | 4 | 353,085 |
| Retailer Co-op | Items | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Residential Demand Response | Devices | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Residential Demand Response (IHD) | Devices | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Residential New Construction | Homes | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Consumer Program Total | | | | | | -293 | 18 | 55 | | -445,907 | 33,877 | 96,168 | | -220 | -1,489,661 |
| Business Program | | | | | | | | | | | | | | | |
| Retrofit | Projects | 16 | 43 | 29 | | 112 | 273 | 320 | | 615,841 | 1,846,854 | 1,570,842 | | 693 | 11,105,057 |
| Direct Install Lighting | Projects | 22 | 0 | 0 | | 28 | 0 | 0 | | 60,847 | 0 | 0 | | 26 | 238,860 |
| Building Commissioning | Buildings | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| New Construction | Buildings | 0 | 4 | 4 | | 0 | 85 | 581 | | 0 | 224,538 | 3,201,970 | | 666 | 7,077,553 |
| Energy Audit | Audits | 10 | 1 | 2 | | 54 | 6 | 18 | | 263,983 | 28,592 | 97,223 | | 78 | 1,336,155 |
| Small Commercial Demand Response | Devices | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Small Commercial Demand Response (IHD) | Devices | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Demand Response 3 | Facilities | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Business Program Total | | | | | | 194 | 364 | 919 | | 940,671 | 2,099,984 | 4,870,034 | | 1,463 | 19,757,624 |
| Industrial Program | | | | | | | | | | | | | | | |
| Process & System Upgrades | Projects | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Monitoring & Targeting | Projects | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Energy Manager | Projects | 0 | 1 | 3 | | 0 | 7 | -21 | | 0 | 5,452 | -153,586 | | -9 | -241,997 |
| Retrofit | Projects | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Demand Response 3 | Facilities | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Industrial Program Total | | | | | | 0 | 7 | -21 | | 0 | 5,452 | -153,586 | | -9 | -241,997 |
| Home Assistance Program | | | | | | | | | | | | | | | |
| Home Assistance Program | Homes | 0 | 12 | 206 | | 0 | 1 | 200 | | 0 | 13,531 | 716,808 | | 200 | 1,469,211 |
| Home Assistance Program Total | | | | | | 0 | 1 | 200 | | 0 | 13,531 | 716,808 | | 200 | 1,469,211 |
| Aboriginal Program | | | | | | | | | | | | | | | |
| Home Assistance Program | Homes | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Direct Install Lighting | Projects | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Aboriginal Program Total | | | | | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Pre-2011 Programs completed in 2011 | | | | | | | | | | | | | | | |
| Electricity Retrofit Incentive Program | Projects | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| High Performance New Construction | Projects | 1 | 1 | 0 | | 295 | 296 | 0 | | 1,668,716 | 2,639,394 | 0 | | 591 | 14,593,043 |
| Toronto Comprehensive | Projects | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Multifamily Energy Efficiency Rebates | Projects | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| LDC Custom Programs | Projects | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Pre-2011 Programs completed in 2011 Total | | | | | | 295 | 296 | 0 | | 1,668,716 | 2,639,394 | 0 | | 591 | 14,593,043 |
| Other | | | | | | | | | | | | | | | |
| Program Enabled Savings | Projects | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Time-of-Use Savings | Homes | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| LDC Pilots | Projects | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Other Total | | | | | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Adjustments to 2011 Verified Results | | | | | | 196 | | | | 2,163,479 | | | | 194 | 8,649,390 |
| Adjustments to 2012 Verified Results | | | | | | | 686 | | | | 4,792,238 | | | 676 | 14,343,093 |
| Adjustments to 2013 Verified Results | | | | | | | | 1,152 | | | | 5,529,425 | | 1,156 | 11,095,738 |
| Total Adjustments to Previous Years' Verified Results | | | | | | 196 | 686 | 1,152 | | 2,163,479 | 4,792,238 | 5,529,425 | | 2,025 | 34,088,221 |

Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).

Adjustments to previous years' results shown in this table will not align to adjustments shown in Table 1 as the information presented above is presented in the implementation year. Adjustments in Table 1 reflect persisted savings in the year in which that adjustment is verified.

Table 3: Horizon Utilities Corporation Realization Rate & NTG

| Initiative | Peak Demand Savings | | | | | | | | Energy Savings | | | | | | | |
|--------------------------------------------|---------------------|------|------|------|--------------------|------|------|------|------------------|------|------|------|--------------------|------|------|------|
| | Realization Rate | | | | Net-to-Gross Ratio | | | | Realization Rate | | | | Net-to-Gross Ratio | | | |
| | 2011 | 2012 | 2013 | 2014 | 2011 | 2012 | 2013 | 2014 | 2011 | 2012 | 2013 | 2014 | 2011 | 2012 | 2013 | 2014 |
| Consumer Program | | | | | | | | | | | | | | | | |
| Appliance Retirement | 1.00 | 1.00 | n/a | n/a | 0.51 | 0.46 | 0.42 | 0.42 | 1.00 | 1.00 | n/a | n/a | 0.51 | 0.47 | 0.44 | 0.44 |
| Appliance Exchange | 1.00 | 1.00 | 1.00 | 1.00 | 0.52 | 0.52 | 0.53 | 0.53 | 1.00 | 1.00 | 1.00 | 1.00 | 0.52 | 0.52 | 0.53 | 0.53 |
| HVAC Incentives | 1.00 | 1.00 | n/a | 1.00 | 0.61 | 0.50 | 0.48 | 0.51 | 1.00 | 1.00 | n/a | 1.00 | 0.60 | 0.49 | 0.48 | 0.51 |
| Conservation Instant Coupon Booklet | 1.00 | 1.00 | 1.00 | 1.00 | 1.14 | 1.00 | 1.11 | 1.86 | 1.00 | 1.00 | 1.00 | 1.00 | 1.11 | 1.05 | 1.13 | 1.88 |
| Bi-Annual Retailer Event | 1.00 | 1.00 | 1.00 | 1.00 | 1.13 | 0.91 | 1.04 | 1.74 | 1.00 | 1.00 | 1.00 | 1.00 | 1.10 | 0.92 | 1.04 | 1.75 |
| Retailer Co-op | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Residential Demand Response | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Residential Demand Response (IHD) | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Residential New Construction | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Business Program | | | | | | | | | | | | | | | | |
| Retrofit | 0.95 | 0.94 | 0.95 | 0.78 | 0.72 | 0.76 | 0.75 | 0.72 | 1.23 | 1.07 | 1.04 | 0.98 | 0.74 | 0.76 | 0.74 | 0.72 |
| Direct Install Lighting | 1.08 | 0.68 | 0.81 | 0.78 | 0.93 | 0.94 | 0.94 | 0.94 | 0.90 | 0.85 | 0.84 | 0.83 | 0.93 | 0.94 | 0.94 | 0.94 |
| Building Commissioning | n/a | n/a | n/a | 2.02 | n/a | n/a | n/a | 1.00 | n/a | n/a | n/a | 1.16 | n/a | n/a | n/a | 1.00 |
| New Construction | n/a | 0.68 | 0.53 | 0.78 | n/a | 0.49 | 0.54 | 0.54 | n/a | 0.86 | 0.73 | 0.84 | n/a | 0.49 | 0.54 | 0.54 |
| Energy Audit | n/a | n/a | 1.02 | 0.96 | n/a | n/a | 0.66 | 0.68 | n/a | n/a | 0.97 | 1.00 | n/a | n/a | 0.66 | 0.67 |
| Small Commercial Demand Response | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Small Commercial Demand Response (IHD) | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Demand Response 3 | 0.76 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 1.00 | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Industrial Program | | | | | | | | | | | | | | | | |
| Process & System Upgrades | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Monitoring & Targeting | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Energy Manager | n/a | 1.31 | 0.90 | 0.91 | n/a | 0.90 | 0.90 | 0.90 | n/a | 1.31 | 0.90 | 0.96 | n/a | 0.90 | 0.90 | 0.90 |
| Retrofit | | | | | | | | | | | | | | | | |
| Demand Response 3 | 0.84 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 1.00 | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Home Assistance Program | | | | | | | | | | | | | | | | |
| Home Assistance Program | n/a | 1.27 | 3.71 | 2.06 | n/a | 1.00 | 1.00 | 1.00 | n/a | 1.00 | 0.90 | 0.79 | n/a | 1.00 | 1.00 | 1.00 |
| Aboriginal Program | | | | | | | | | | | | | | | | |
| Home Assistance Program | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Direct Install Lighting | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Pre-2011 Programs completed in 2011 | | | | | | | | | | | | | | | | |
| Electricity Retrofit Incentive Program | 0.77 | n/a | n/a | n/a | 0.52 | n/a | n/a | n/a | 0.78 | n/a | n/a | n/a | 0.52 | n/a | n/a | n/a |
| High Performance New Construction | 1.00 | 1.00 | 1.00 | 1.00 | 0.50 | 0.50 | 0.50 | 0.50 | 1.00 | 1.00 | 1.00 | 1.00 | 0.50 | 0.50 | 0.50 | 0.50 |
| Toronto Comprehensive | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Multifamily Energy Efficiency Rebates | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| LDC Custom Programs | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Other | | | | | | | | | | | | | | | | |
| Program Enabled Savings | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Time-of-Use Savings | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| LDC Pilots | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |

Summary Achievement Against CDM Targets

Results are recognized using current IESO reporting policies. Energy efficiency resources persist for the duration of the effective useful life. Any upcoming code changes are taken into account. Demand response resources persist for 1 year (Scenario 1). Please see methodology tab for more detailed information.

Table 4: Net Peak Demand Savings at the End User Level (MW) (Scenario 1)

| Implementation Period | Annual | | | |
|----------------------------------------------------------------------|--------|------|------|-------|
| | 2011 | 2012 | 2013 | 2014 |
| 2011 - Verified | 12.0 | 6.9 | 6.9 | 6.8 |
| 2012 - Verified† | 0.2 | 13.6 | 3.9 | 3.8 |
| 2013 - Verified† | 0.0 | 0.1 | 23.2 | 5.5 |
| 2014 - Verified† | 0.0 | 0.6 | 1.7 | 32.7 |
| Verified Net Annual Peak Demand Savings Persisting in 2014: | | | | 48.8 |
| Horizon Utilities Corporation 2014 Annual CDM Capacity Target: | | | | 60.4 |
| Verified Portion of Peak Demand Savings Target Achieved in 2014 (%): | | | | 80.8% |

Table 5: Net Energy Savings at the End User Level (GWh)

| Implementation Period | Annual | | | | Cumulative |
|--------------------------------------------------------------------|--------|------|------|------|------------|
| | 2011 | 2012 | 2013 | 2014 | 2011-2014 |
| 2011 - Verified | 32.4 | 32.2 | 32.1 | 31.8 | 128.5 |
| 2012 - Verified† | 2.2 | 18.9 | 18.7 | 18.5 | 58.2 |
| 2013 - Verified† | 0.0 | 0.7 | 27.2 | 26.4 | 54.2 |
| 2014 - Verified† | 0.0 | 4.1 | 9.65 | 47.8 | 61.6 |
| Verified Net Cumulative Energy Savings 2011-2014: | | | | | 302.5 |
| Horizon Utilities Corporation 2011-2014 Annual CDM Energy Target: | | | | | 281.4 |
| Verified Portion of Cumulative Energy Target Achieved in 2014 (%): | | | | | 107.5% |

†Includes adjustments to previous years' verified results

Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year

Table 6: Province-Wide Initiatives and Program Level Net Savings by Year (Scenario 1)

| Initiative | Unit | Incremental Activity (new program activity occurring within the specified reporting period) | | | | Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period) | | | | Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period) | | | | Program-to-Date Verified Progress to Target (excludes DR) | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------------------------------------------------------------|-----------|---------|-----------|---------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|------------------------------------------------------------------------------------------------------------------|-------------|-------------|---------------|--------------------------------------------------------------|------------------------------------------------|
| | | 2011* | 2012* | 2013* | 2014 | 2011 | 2012 | 2013 | 2014 | 2011 | 2012 | 2013 | 2014 | 2014 Net Annual Peak Demand Savings (kW) | 2011-2014 Net Cumulative Energy Savinves (kWh) |
| | | | | | | | | | | | | | | | |
| Consumer Program | | | | | | | | | | | | | | | |
| Appliance Retirement | Appliances | 56,110 | 34,146 | 20,952 | 22,563 | 3,299 | 2,011 | 1,433 | 1,617 | 23,005,812 | 13,424,518 | 8,713,107 | 9,497,343 | 8,221 | 159,100,415 |
| Appliance Exchange | Appliances | 3,688 | 3,836 | 5,337 | 5,685 | 371 | 556 | 1,106 | 1,178 | 450,187 | 974,621 | 1,971,701 | 2,100,266 | 2,973 | 10,556,192 |
| HVAC Incentives | Equipment | 92,748 | 87,540 | 96,286 | 113,002 | 32,037 | 19,060 | 19,552 | 23,106 | 59,437,670 | 32,841,283 | 33,923,592 | 42,888,217 | 93,755 | 447,009,930 |
| Conservation Instant Coupon Booklet | Items | 567,678 | 30,891 | 347,946 | 1,208,108 | 1,344 | 230 | 517 | 2,440 | 21,211,537 | 1,398,202 | 7,707,573 | 32,802,537 | 4,531 | 137,258,436 |
| Bi-Annual Retailer Event | Items | 952,149 | 1,060,901 | 944,772 | 4,824,751 | 1,681 | 1,480 | 1,184 | 8,043 | 29,387,468 | 26,781,674 | 17,179,841 | 122,902,769 | 12,389 | 355,157,348 |
| Retailer Co-op | Items | 152 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,652 | 0 | 0 | 0 | 0 | 10,607 |
| Residential Demand Response | Devices | 19,550 | 98,388 | 171,733 | 241,381 | 10,947 | 49,038 | 93,076 | 117,513 | 24,870 | 359,408 | 390,303 | 8,379 | 117,513 | 782,960 |
| Residential Demand Response (IHD) | Devices | 0 | 49,689 | 133,657 | 188,577 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Residential New Construction | Homes | 27 | 21 | 279 | 2,367 | 0 | 2 | 18 | 369 | 743 | 17,152 | 163,690 | 2,330,865 | 390 | 2,712,676 |
| Consumer Program Total | | | | | | 49,681 | 72,377 | 116,886 | 154,267 | 133,520,941 | 75,796,859 | 70,049,807 | 212,530,376 | 239,772 | 1,112,588,565 |
| Business Program | | | | | | | | | | | | | | | |
| Retrofit | Projects | 2,828 | 6,481 | 9,746 | 10,925 | 24,467 | 61,147 | 59,678 | 70,662 | 136,002,258 | 314,922,468 | 345,346,008 | 462,903,521 | 213,493 | 2,631,401,223 |
| Direct Install Lighting | Projects | 20,741 | 18,691 | 17,833 | 23,784 | 23,724 | 15,284 | 18,708 | 23,419 | 61,076,701 | 57,345,798 | 64,315,558 | 84,503,302 | 73,304 | 604,196,658 |
| Building Commissioning | Buildings | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 988 | 0 | 0 | 0 | 1,513,377 | 988 | 1,513,377 |
| New Construction | Buildings | 25 | 98 | 158 | 226 | 123 | 764 | 1,584 | 6,432 | 411,717 | 1,814,721 | 4,959,266 | 20,381,204 | 8,904 | 37,390,767 |
| Energy Audit | Audits | 222 | 357 | 589 | 473 | 0 | 1,450 | 2,811 | 6,323 | 0 | 7,049,351 | 15,455,795 | 30,874,399 | 10,583 | 82,934,042 |
| Small Commercial Demand Response | Devices | 132 | 294 | 1,211 | 3,652 | 84 | 187 | 773 | 2,116 | 157 | 1,068 | 373 | 319 | 2,116 | 1,916 |
| Small Commercial Demand Response (IHD) | Devices | 0 | 0 | 378 | 820 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Demand Response 3 | Facilities | 145 | 151 | 175 | 180 | 16,218 | 19,389 | 23,706 | 23,380 | 633,421 | 281,823 | 346,659 | 0 | 23,380 | 1,261,903 |
| Business Program Total | | | | | | 64,617 | 98,221 | 107,261 | 133,319 | 198,124,253 | 381,415,230 | 430,423,659 | 600,176,121 | 332,769 | 3,358,699,887 |
| Industrial Program | | | | | | | | | | | | | | | |
| Process & System Upgrades | Projects | 0 | 0 | 5 | 10 | 0 | 0 | 294 | 9,692 | 0 | 0 | 2,603,764 | 72,053,255 | 9,986 | 77,260,782 |
| Monitoring & Targeting | Projects | 0 | 1 | 3 | 5 | 0 | 0 | 0 | 102 | 0 | 0 | 0 | 502,517 | 102 | 502,517 |
| Energy Manager | Projects | 1 | 132 | 306 | 379 | 0 | 1,086 | 3,558 | 5,191 | 0 | 7,372,108 | 21,994,263 | 40,436,427 | 8,384 | 95,324,998 |
| Retrofit | Projects | 433 | 0 | 0 | 0 | 4,615 | 0 | 0 | 0 | 28,866,840 | 0 | 0 | 0 | 4,613 | 115,462,282 |
| Demand Response 3 | Facilities | 124 | 185 | 281 | 336 | 52,484 | 74,056 | 162,543 | 166,082 | 3,080,737 | 1,784,712 | 4,309,160 | 0 | 166,082 | 9,174,609 |
| Industrial Program Total | | | | | | 57,098 | 75,141 | 166,395 | 181,066 | 31,947,577 | 9,156,820 | 28,907,187 | 112,992,199 | 189,168 | 297,725,188 |
| Home Assistance Program | | | | | | | | | | | | | | | |
| Home Assistance Program | Homes | 46 | 5,920 | 29,654 | 25,424 | 2 | 566 | 2,361 | 2,466 | 39,283 | 5,442,232 | 20,987,275 | 19,582,658 | 5,370 | 77,532,571 |
| Home Assistance Program Total | | | | | | 2 | 566 | 2,361 | 2,466 | 39,283 | 5,442,232 | 20,987,275 | 19,582,658 | 5,370 | 77,532,571 |
| Aboriginal Program | | | | | | | | | | | | | | | |
| Home Assistance Program | Homes | 0 | 0 | 717 | 1,125 | 0 | 0 | 267 | 549 | 0 | 0 | 1,609,393 | 3,101,207 | 816 | 6,319,993 |
| Direct Install Lighting | Projects | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aboriginal Program Total | | | | | | 0 | 0 | 267 | 549 | 0 | 0 | 1,609,393 | 3,101,207 | 816 | 6,319,993 |
| Pre-2011 Programs completed in 2011 | | | | | | | | | | | | | | | |
| Electricity Retrofit Incentive Program | Projects | 2,028 | 0 | 0 | 0 | 21,662 | 0 | 0 | 0 | 121,138,219 | 0 | 0 | 0 | 21,662 | 484,552,876 |
| High Performance New Construction | Projects | 182 | 73 | 19 | 3 | 5,098 | 3,251 | 772 | 134 | 26,185,591 | 11,901,944 | 3,522,240 | 688,738 | 9,255 | 148,181,415 |
| Toronto Comprehensive | Projects | 577 | 15 | 4 | 5 | 15,805 | 0 | 0 | 281 | 86,964,886 | 0 | 0 | 2,479,840 | 16,086 | 350,339,385 |
| Multifamily Energy Efficiency Rebates | Projects | 110 | 0 | 0 | 0 | 1,981 | 0 | 0 | 0 | 7,595,683 | 0 | 0 | 0 | 1,981 | 30,382,733 |
| LDC Custom Programs | Projects | 8 | 0 | 0 | 0 | 399 | 0 | 0 | 0 | 1,367,170 | 0 | 0 | 0 | 399 | 5,468,679 |
| Pre-2011 Programs completed in 2011 Total | | | | | | 44,945 | 3,251 | 772 | 415 | 243,251,550 | 11,901,944 | 3,522,240 | 3,168,578 | 49,382 | 1,018,925,088 |
| Other | | | | | | | | | | | | | | | |
| Program Enabled Savings | Projects | 33 | 71 | 46 | 43 | 0 | 2,304 | 3,692 | 5,500 | 0 | 1,188,362 | 4,075,382 | 19,035,337 | 11,496 | 30,751,187 |
| Time-of-Use Savings | Homes | 0 | 0 | 0 | n/a | 0 | 0 | 0 | 54,795 | 0 | 0 | 0 | 0 | 54,795 | 0 |
| LDC Pilots | Projects | 0 | 0 | 0 | 1,174 | 0 | 0 | 0 | 1,170 | 0 | 0 | 0 | 5,061,522 | 1,170 | 5,061,522 |
| Other Total | | | | | | 0 | 2,304 | 3,692 | 61,466 | 0 | 1,188,362 | 4,075,382 | 24,096,859 | 67,462 | 35,812,709 |
| Adjustments to 2011 Verified Results | | | | | | | | | | | | | | | |
| Adjustments to 2012 Verified Results | | | | | | | | | | | | | | | |
| Adjustments to 2013 Verified Results | | | | | | | | | | | | | | | |
| Energy Efficiency Total | | | | | | 136,610 | 109,191 | 117,536 | 224,457 | 603,144,419 | 482,474,435 | 554,528,447 | 975,639,300 | 575,647 | 5,896,382,612 |
| Demand Response Total (Scenario 1) | | | | | | 79,733 | 142,670 | 280,099 | 309,091 | 3,739,185 | 2,427,011 | 5,046,495 | 8,698 | 309,091 | 11,221,389 |
| Adjustments to Previous Years' Verified Results Total | | | | | | 0 | 1,406 | 6,901 | 35,030 | 0 | 18,689,081 | 43,684,221 | 195,185,880 | 43,006 | 645,389,397 |
| OPA-Contracted LDC Portfolio Total (inc. Adjustments) | | | | | | 216,343 | 253,267 | 404,536 | 568,578 | 606,883,604 | 503,590,526 | 603,259,163 | 1,170,833,878 | 927,745 | 6,552,993,397 |
| Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively). | | | | | | | | | | | | | | Full OEB Target: | |
| *Includes adjustments after Final Reports were issued | | | | | | | | | | | | | | 1,330,000 | |
| Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year | | | | | | | | | | | | | | 6,000,000,000 | |
| % of Full OEB Target Achieved to Date (Scenario 1): | | | | | | | | | | | | | | 70% | |
| | | | | | | | | | | | | | | 109% | |

Table 7: Adjustments to Province-Wide Net Verified Results due to Variances

| Initiative | Unit | Incremental Activity (new program activity occurring within the specified reporting period) | | | | Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period) | | | | Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period) | | | | Program-to-Date Verified Progress to Target (excludes DR) | |
|-------------------------------------------------------|------------|------------------------------------------------------------------------------------------------|-------|-------|------|---------------------------------------------------------------------------------------------------------------------------|--------|--------|------|------------------------------------------------------------------------------------------------------------------|------------|-------------|------|--------------------------------------------------------------|-------------------------------------------------------|
| | | 2011* | 2012* | 2013* | 2014 | 2011 | 2012 | 2013 | 2014 | 2011 | 2012 | 2013 | 2014 | 2014 | 2011-2014 Net Cumulative Energy Savings (kWh) 2014 |
| | | | | | | | | | | | | | | | |
| Consumer Program | | | | | | | | | | | | | | | |
| Appliance Retirement | Appliances | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Appliance Exchange | Appliances | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| HVAC Incentives | Equipment | -18,839 | 2,319 | 4,705 | | -5,270 | 479 | 1,037 | | -9,707,002 | 955,512 | 1,838,408 | | -3,754 | -32,284,656 |
| Conservation Instant Coupon Booklet | Items | 8,216 | 0 | 1,050 | | 16 | 0 | 2 | | 275,655 | 0 | 23,571 | | 18 | 1,149,763 |
| BI-Annual Retailer Event | Items | 81,817 | 0 | 0 | | 108 | 0 | 0 | | 2,183,391 | 0 | 0 | | 108 | 8,733,563 |
| Retailer Co-op | Items | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Residential Demand Response | Devices | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Residential Demand Response (IHD) | Devices | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Residential New Construction | Homes | 20 | 2 | 193 | | 1 | 1 | 72 | | 14,667 | 985 | 441,938 | | 74 | 945,497 |
| Consumer Program Total | | | | | | -5,145 | 480 | 1,111 | | -7,233,290 | 956,497 | 2,303,917 | | -3,555 | -21,664,975 |
| Business Program | | | | | | | | | | | | | | | |
| Retrofit | Projects | 312 | 876 | 961 | | 3,208 | 7,233 | 11,961 | | 16,266,129 | 42,498,052 | 78,146,280 | | 22,056 | 347,545,386 |
| Direct Install Lighting | Projects | 444 | 197 | 51 | | 501 | 204 | 46 | | 1,250,388 | 736,541 | 164,667 | | 620 | 7,158,143 |
| Building Commissioning | Buildings | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| New Construction | Buildings | 15 | 29 | 72 | | 850 | 1,304 | 2,241 | | 3,604,553 | 4,825,774 | 8,636,179 | | 4,401 | 46,187,216 |
| Energy Audit | Audits | 119 | 77 | 270 | | 604 | 439 | 2,383 | | 2,945,189 | 2,145,367 | 13,100,635 | | 3,426 | 44,418,129 |
| Small Commercial Demand Response | Devices | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Small Commercial Demand Response (IHD) | Devices | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Demand Response 3 | Facilities | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Business Program Total | | | | | | 5,162 | 9,181 | 16,631 | | 24,066,259 | 50,205,734 | 100,047,761 | | 30,503 | 385,148,444 |
| Industrial Program | | | | | | | | | | | | | | | |
| Process & System Upgrades | Projects | 0 | 0 | 2 | | 0 | 0 | 324 | | 0 | 0 | 968,659 | | 324 | 1,937,318 |
| Monitoring & Targeting | Projects | 0 | 1 | 3 | | 0 | 0 | 54 | | 0 | 528,000 | 639,348 | | 54 | 2,862,696 |
| Energy Manager | Projects | 1 | 93 | 101 | | 27 | 1,067 | 2,395 | | 241,515 | 8,266,841 | 25,814,853 | | 4,345 | 81,853,489 |
| Retrofit | Projects | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Demand Response 3 | Facilities | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Industrial Program Total | | | | | | 27 | 1,067 | 2,774 | | 241,515 | 8,794,841 | 27,422,860 | | 4,723 | 61,215,516 |
| Home Assistance Program | | | | | | | | | | | | | | | |
| Home Assistance Program | Homes | 0 | 887 | 2,898 | | 0 | 222 | 791 | | 0 | 1,316,749 | 4,321,794 | | 1,009 | 12,515,300 |
| Home Assistance Program Total | | | | | | 0 | 222 | 791 | | 0 | 1,316,749 | 4,321,794 | | 1,009 | 8,581,177 |
| Aboriginal Program | | | | | | | | | | | | | | | |
| Home Assistance Program | Homes | 0 | 0 | 133 | | 0 | 0 | 134 | | 0 | 0 | 563,715 | | 134 | 1,127,430 |
| Direct Install Lighting | Projects | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Aboriginal Program Total | | | | | | 0 | 0 | 134 | | 0 | 0 | 563,715 | | 134 | 1,127,430 |
| Pre-2011 Programs completed in 2011 | | | | | | | | | | | | | | | |
| Electricity Retrofit Incentive Program | Projects | 12 | 0 | 0 | | 138 | 0 | 0 | | 545,536 | 0 | 0 | | 138 | 2,182,145 |
| High Performance New Construction | Projects | 37 | 4 | 15 | | 1,507 | 363 | -184 | | 2,398,941 | 2,832,533 | -993,596 | | 1,686 | 16,106,171 |
| Toronto Comprehensive | Projects | 0 | 15 | 4 | | 0 | 672 | 185 | | 0 | 4,523,517 | 1,324,388 | | 857 | 16,219,327 |
| Multifamily Energy Efficiency Rebates | Projects | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| LDC Custom Programs | Projects | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Pre-2011 Programs completed in 2011 Total | | | | | | 1,645 | 1,035 | 2 | | 2,944,477 | 7,356,050 | 330,792 | | 2,682 | 11,104,528 |
| Other | | | | | | | | | | | | | | | |
| Program Enabled Savings | Projects | 33 | 55 | 33 | | 1,776 | 3,712 | 2,020 | | 7,727,573 | 11,481,687 | 10,688,564 | | 7,509 | 86,732,481 |
| Time-of-Use Savings | Homes | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| LDC Pilots | Projects | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| Other Total | | | | | | 1,776 | 3,712 | 2,020 | | 7,727,573 | 11,481,687 | 10,688,564 | | 7,509 | 86,732,481 |
| Adjustments to 2011 Verified Results | | | | | | 3,465 | | | | 27,746,535 | | | | 3,215 | 110,143,550 |
| Adjustments to 2012 Verified Results | | | | | | | 15,697 | | | | 80,111,558 | | | 15,401 | 238,780,637 |
| Adjustments to 2013 Verified Results | | | | | | | | 23,463 | | | | 145,679,403 | | 24,391 | 296,465,211 |
| Adjustments to Previous Years' Verified Results Total | | | | | | 3,465 | 15,697 | 23,463 | | 27,746,535 | 80,111,558 | 145,679,403 | | 43,006 | 645,389,397 |

Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).

Adjustments to previous years' results shown in this table will not align to adjustments shown in Table 1 as the information presented above is presented in the implementation year. Adjustments in Table 1 reflect persisted savings in the year in which that adjustment is verified.

Table 8: Province-Wide Realization Rate & NTG

| Initiative | Peak Demand Savings | | | | | | | | Energy Savings | | | | | | | |
|--------------------------------------------|---------------------|------|------|------|--------------------|------|------|------|------------------|------|------|------|--------------------|------|------|------|
| | Realization Rate | | | | Net-to-Gross Ratio | | | | Realization Rate | | | | Net-to-Gross Ratio | | | |
| | 2011 | 2012 | 2013 | 2014 | 2011 | 2012 | 2013 | 2014 | 2011 | 2012 | 2013 | 2014 | 2011 | 2012 | 2013 | 2014 |
| Consumer Program | | | | | | | | | | | | | | | | |
| Appliance Retirement | 1.00 | 1.00 | 1.00 | 1.00 | 0.51 | 0.46 | 0.42 | 0.45 | 1.00 | 1.00 | 1.00 | 1.00 | 0.46 | 0.47 | 0.44 | 0.47 |
| Appliance Exchange | 1.00 | 1.00 | 1.00 | 1.00 | 0.51 | 0.52 | 0.53 | 0.53 | 1.00 | 1.00 | 1.00 | 1.00 | 0.52 | 0.52 | 0.53 | 0.53 |
| HVAC Incentives | 1.00 | 1.00 | 1.00 | 1.00 | 0.60 | 0.50 | 0.48 | 0.48 | 1.00 | 1.00 | 1.00 | 1.00 | 0.50 | 0.49 | 0.48 | 0.48 |
| Conservation Instant Coupon Booklet | 1.00 | 1.00 | 1.00 | 1.00 | 1.14 | 1.00 | 1.11 | 1.69 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.05 | 1.13 | 1.73 |
| Bi-Annual Retailer Event | 1.00 | 1.00 | 1.00 | 1.00 | 1.12 | 0.91 | 1.04 | 1.74 | 1.00 | 1.00 | 1.00 | 1.00 | 0.91 | 0.92 | 1.04 | 1.75 |
| Retailer Co-op | 1.00 | n/a | n/a | n/a | 0.68 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Residential Demand Response | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Residential Demand Response (IHD) | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Residential New Construction | 1.00 | 3.65 | 0.78 | 1.03 | 0.41 | 0.49 | 0.63 | 0.63 | 3.65 | 7.17 | 3.09 | 0.62 | 0.49 | 0.49 | 0.63 | 0.63 |
| Business Program | | | | | | | | | | | | | | | | |
| Retrofit | 1.06 | 0.93 | 0.92 | 0.84 | 0.72 | 0.75 | 0.73 | 0.71 | 0.93 | 1.05 | 1.01 | 0.98 | 0.75 | 0.76 | 0.73 | 0.72 |
| Direct Install Lighting | 1.08 | 0.69 | 0.82 | 0.78 | 1.08 | 0.94 | 0.94 | 0.94 | 0.69 | 0.85 | 0.84 | 0.83 | 0.94 | 0.94 | 0.94 | 0.94 |
| Building Commissioning | n/a | n/a | n/a | 1.97 | n/a | n/a | n/a | 1.00 | n/a | n/a | n/a | 1.16 | n/a | n/a | n/a | 1.00 |
| New Construction | 0.50 | 0.98 | 0.68 | 0.71 | 0.50 | 0.49 | 0.54 | 0.54 | 0.98 | 0.99 | 0.76 | 0.79 | 0.49 | 0.49 | 0.54 | 0.54 |
| Energy Audit | n/a | n/a | 1.02 | 0.96 | n/a | n/a | 0.66 | 0.68 | n/a | n/a | 0.97 | 1.00 | n/a | n/a | 0.66 | 0.67 |
| Small Commercial Demand Response | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Small Commercial Demand Response (IHD) | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Demand Response 3 | 0.76 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Industrial Program | | | | | | | | | | | | | | | | |
| Process & System Upgrades | n/a | n/a | 0.85 | 0.96 | n/a | n/a | 0.94 | 0.79 | n/a | n/a | 0.87 | 0.96 | n/a | n/a | 0.93 | 0.80 |
| Monitoring & Targeting | n/a | n/a | n/a | 0.59 | n/a | n/a | n/a | 1.00 | n/a | n/a | n/a | 0.36 | n/a | n/a | n/a | 1.00 |
| Energy Manager | n/a | 1.16 | 0.90 | 0.91 | n/a | 0.90 | 0.90 | 0.90 | 1.16 | 1.16 | 0.90 | 0.96 | 0.90 | 0.90 | 0.90 | 0.85 |
| Retrofit | 1.11 | n/a | n/a | n/a | 0.72 | n/a | n/a | n/a | 0.91 | n/a | n/a | n/a | 0.75 | n/a | n/a | n/a |
| Demand Response 3 | 0.84 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Home Assistance Program | | | | | | | | | | | | | | | | |
| Home Assistance Program | 1.00 | 0.32 | 0.26 | 0.49 | 0.70 | 1.00 | 1.00 | 1.00 | 0.32 | 0.99 | 0.88 | 0.78 | 1.00 | 1.00 | 1.00 | 1.00 |
| Aboriginal Program | | | | | | | | | | | | | | | | |
| Home Assistance Program | n/a | n/a | 0.05 | 0.15 | n/a | n/a | 1.00 | 1.00 | n/a | n/a | 0.95 | 0.97 | n/a | n/a | 1.00 | 1.00 |
| Direct Install Lighting | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Pre-2011 Programs completed in 2011 | | | | | | | | | | | | | | | | |
| Electricity Retrofit Incentive Program | 0.80 | n/a | n/a | n/a | 0.54 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| High Performance New Construction | 1.00 | 1.00 | 1.00 | n/a | 0.49 | 0.50 | 0.50 | 0.50 | 1.00 | 1.00 | 1.00 | n/a | 0.50 | 0.50 | 0.50 | 0.50 |
| Toronto Comprehensive | 1.13 | n/a | n/a | n/a | 0.50 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Multifamily Energy Efficiency Rebates | 0.93 | n/a | n/a | n/a | 0.78 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| LDC Custom Programs | 1.00 | n/a | n/a | n/a | 1.00 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Other | | | | | | | | | | | | | | | | |
| Program Enabled Savings | n/a | 1.06 | 1.00 | 0.86 | n/a | 1.00 | 1.00 | 1.00 | n/a | 2.26 | 1.00 | 0.98 | n/a | 1.00 | 1.00 | 1.00 |
| Time-of-Use Savings | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| LDC Pilots | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |

Summary Provincial Progress Towards CDM Targets

Table 9: Province-Wide Net Peak Demand Savings at the End User Level (MW)

| Implementation Period | Annual | | | |
|-----------------------------------------------------------------------------|--------|-------|-------|--------------|
| | 2011 | 2012 | 2013 | 2014 |
| 2011 | 216.3 | 136.6 | 135.8 | 129.0 |
| 2012† | 1.4 | 253.3 | 109.8 | 108.2 |
| 2013† | 0.6 | 7.0 | 404.5 | 122.0 |
| 2014† | 1.4 | 10.8 | 34.2 | 568.6 |
| Verified Net Annual Peak Demand Savings in 2014: | | | | 927.7 |
| 2014 Annual CDM Capacity Target: | | | | 1,330 |
| Verified Portion of Peak Demand Savings Target Achieved in 2014 (%): | | | | 69.8% |

Table 10: Province-Wide Net Energy Savings at the End-User Level (GWh)

| Implementation Period | Annual | | | | Cumulative |
|---------------------------------------------------------------------------|--------|-------|-------|---------|----------------|
| | 2011 | 2012 | 2013 | 2014 | 2011-2014 |
| 2011 | 606.9 | 603.0 | 601.0 | 582.3 | 2,393.1 |
| 2012† | 18.7 | 503.6 | 498.4 | 492.6 | 1,513.3 |
| 2013† | 1.7 | 44.4 | 603.3 | 583.4 | 1,232.8 |
| 2014† | 7.3 | 44.8 | 191.0 | 1,170.8 | 1,413.9 |
| Verified Net Cumulative Energy Savings 2011-2014: | | | | | 6,553.0 |
| 2011-2014 Cumulative CDM Energy Target: | | | | | 6,000 |
| Verified Portion of Cumulative Energy Target Achieved in 2014 (%): | | | | | 109.2% |

†Includes adjustments to previous years' verified results

Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year

METHODOLOGY

All results are at the end-user level (not including transmission and distribution losses)

| EQUATIONS | |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Prescriptive Measures and Projects | Gross Savings = Activity * Per Unit Assumption Net Savings = Gross Savings * Net-to-Gross Ratio All savings are annualized (i.e. the savings are the same regardless of time of year a project was completed or measure installed) |
| Engineered and Custom Projects | Gross Savings = Reported Savings * Realization Rate Net Savings = Gross Savings * Net-to-Gross Ratio All savings are annualized (i.e. the savings are the same regardless of time of year a project was completed or measure installed) |
| Demand Response | Peak Demand: Gross Savings = Net Savings = contracted MW at contributor level * Provincial contracted to ex ante ratio Energy: Gross Savings = Net Savings = provincial ex post energy savings * LDC proportion of total provincial contracted MW All savings are annualized (i.e. the savings are the same regardless of the time of year a participant began offering DR) |
| Adjustments to Previous Years' Verified Results | All variances from the Final Annual Results Reports from prior years will be adjusted within this report. Any variances with regards to projects counts, data lag, and calculations etc., will be made within this report. Considers the cumulative effect of energy savings. |

| Initiative | Attributing Savings to LDCs | Savings 'start' Date | Calculating Resource Savings |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Consumer Program | | | |
| Appliance Retirement | Includes both retail and home pickup stream. Retail stream allocated based on average of 2008 & 2009 residential throughput; Home pickup stream directly attributed by postal code or customer selection. | Savings are considered to begin in the year the appliance is picked up. | Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level. |
| Appliance Exchange | When postal code information is provided by customer, results are directly attributed to the LDC. When postal code is not available, results allocated based on average of 2008 & 2009 residential throughput. | Savings are considered to begin in the year that the exchange event occurred. | |
| HVAC Incentives | Results directly attributed to LDC based on customer postal code. | Savings are considered to begin in the year that the installation occurred. | |

| Initiative | Attributing Savings to LDCs | Savings 'start' Date | Calculating Resource Savings |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conservation Instant Coupon Booklet | LDC-coded coupons directly attributed to LDC. Otherwise results are allocated based on average of 2008 & 2009 residential throughput. | Savings are considered to begin in the year in which the coupon was redeemed. | Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level. |
| Bi-Annual Retailer Event | Results are allocated based on average of 2008 & 2009 residential throughput. | Savings are considered to begin in the year in which the event occurs. | |
| Retailer Co-op | When postal code information is provided by the customer, results are directly attributed. If postal code information is not available, results are allocated based on average of 2008 & 2009 residential throughput. | Savings are considered to begin in the year of the home visit and installation date. | Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level. |
| Residential Demand Response | Results are directly attributed to LDC based on data provided to IESO through project completion reports and continuing participant lists. | Savings are considered to begin in the year the device was installed and/or when a customer signed a peaksaver PLUS™ participant agreement. | Peak demand savings are based on an ex ante estimate assuming a 1 in 10 weather year and represents the "insurance value" of the initiative. Energy savings are based on an ex post estimate which reflects the savings that occurred as a result of activations in the year and accounts for any "snapback" in energy consumption experienced after the event. Savings are assumed to persist for only 1 year, reflecting that savings will only occur if the resource is activated. |

| Initiative | Attributing Savings to LDCs | Savings 'start' Date | Calculating Resource Savings |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Residential New Construction | Results are directly attributed to LDC based on LDC identified in application in the iCon system. Initiative was not evaluated in 2011, reported results are presented with forecast assumptions as per the business case. | Savings are considered to begin in the year of the project completion date. | Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level. |
| Business Program | | | |
| Efficiency: Equipment Replacement | Results are directly attributed to LDC based on LDC identified at the facility level in the iCon system. Projects in the Application Status: "Post-Stage Submission" are included (excluding "Payment denied by LDC"); Please see page for Building type to Sector mapping. | Savings are considered to begin in the year of the actual project completion date in the iCON system. | Peak demand and energy savings are determined by the total savings for a given project as reported in the iCON system (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). Both realization rate and net-to-gross ratios can differ for energy and demand savings and depend on the mix of projects within an LDC territory (i.e. lighting or non-lighting project, engineered/custom/prescriptive track). |
| | Additional Note: project counts were derived by filtering out invalid statuses (e.g. Post-Project Submission - Payment denied by LDC) and only including projects with an "Actual Project Completion Date" in 2014) | | |

| Initiative | Attributing Savings to LDCs | Savings 'start' Date | Calculating Resource Savings |
|-------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Direct Installed Lighting | Results are directly attributed to LDC based on the LDC specified on the work order. | Savings are considered to begin in the year of the actual project completion date. | Peak demand and energy savings are determined using the verified measure level per unit assumptions multiplied by the uptake of each measure accounting for the realization rate for both peak demand and energy to reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings take into account net-to-gross factors such as free-ridership and spillover for both peak demand and energy savings at the program level (net). |
| Existing Building Commissioning Incentive | Results are directly attributed to LDC based on LDC identified in the application. | Savings are considered to begin in the year of the actual project completion date. | Peak demand and energy savings are determined by the total savings for a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). |
| New Construction and Major Renovation Incentive | Results are directly attributed to LDC based on LDC identified in the application. | Savings are considered to begin in the year of the actual project completion date. | |
| Energy Audit | Projects are directly attributed to LDC based on LDC identified in the application. | Savings are considered to begin in the year of the audit date. | Peak demand and energy savings are determined by the total savings resulting from an audit as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). |

| Initiative | Attributing Savings to LDCs | Savings 'start' Date | Calculating Resource Savings |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Commercial Demand Response (part of the Residential program schedule) | Results are directly attributed to LDC based on data provided to IESO through project completion reports and continuing participant lists | Savings are considered to begin in the year the device was installed and/or when a customer signed a peaksaver PLUS™ participant agreement. | Peak demand savings are based on an ex ante estimate assuming a 1 in 10 weather year and represents the "insurance value" of the initiative. Energy savings are based on an ex post estimate which reflects the savings that occurred as a result of activations in the year. Savings are assumed to persist for only 1 year, reflecting that savings will only occur if the resource is activated. |
| Demand Response 3 (part of the Industrial program schedule) | Results are attributed to LDCs based on the total contracted megawatts at the contributor level as of December 31st, applying the provincial ex ante to contracted ratio (ex ante estimate/contracted megawatts); Ex post energy savings are attributed to the LDC based on their proportion of the total contracted megawatts at the contributor level. | Savings are considered to begin in the year in which the contributor signed up to participate in demand response. | Peak demand savings are ex ante estimates based on the load reduction capability that can be expected for the purposes of planning. The ex ante estimates factor in both scheduled non-performances (i.e. maintenance) and historical performance. Energy savings are based on an ex post estimate which reflects the savings that actually occurred as a results of activations in the year. Savings are assumed to persist for 1 year, reflecting that savings will not occur if the resource is not activated and additional costs are incurred to activate the resource. |
| Industrial Program | | | |
| Process & System Upgrades | Results are directly attributed to LDC based on LDC identified in application. | Savings are considered to begin in the year in which the incentive project was completed. | Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). |

| Initiative | Attributing Savings to LDCs | Savings 'start' Date | Calculating Resource Savings |
|------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Monitoring & Targeting | Results are directly attributed to LDC based on LDC identified in the application. | Savings are considered to begin in the year in which the incentive project was completed. | Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). |
| Energy Manager | Results are directly attributed to LDC based on LDC identified in the application. | Savings are considered to begin in the year in which the project was completed by the energy manager. If no date is specified the savings will begin the year of the Quarterly Report submitted by the energy manager. | Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). |

| Initiative | Attributing Savings to LDCs | Savings 'start' Date | Calculating Resource Savings |
|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Efficiency: Equipment Replacement Incentive (part of the C&I program schedule) | Results are directly attributed to LDC based on LDC identified at the facility level in the saveONenergy CRM; Projects in the Application Status: "Post-Stage Submission" are included (excluding "Payment denied by LDC"); Please see "Reference Tables" tab for Building type to Sector mapping. | Savings are considered to begin in the year of the actual project completion date on the iCON CRM system. | Peak demand and energy savings are determined by the total savings for a given project as reported in the iCON CRM system (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). Both realization rate and net-to-gross ratios can differ for energy and demand savings and depend on the mix of projects within an LDC territory (i.e. lighting or non-lighting project, engineered/custom/prescriptive track). |
| Demand Response 3 | Results are attributed to LDCs based on the total contracted megawatts at the contributor level as of December 31st, applying the provincial ex ante to contracted ratio (ex ante estimate/contracted megawatts); Ex post energy savings are attributed to the LDC based on their proportion of the total contracted megawatts at the contributor level. | Savings are considered to begin in the year in which the contributor signed up to participate in demand response. | Peak demand savings are ex ante estimates based on the load reduction capability that can be expected for the purposes of planning. The ex ante estimates factor in both scheduled non-performances (i.e. maintenance) and historical performance. Energy savings are based on an ex post estimate which reflects the savings that actually occurred as a results of activations in the year. Savings are assumed to persist for 1 year, reflecting that savings will not occur if the resource is not activated and additional costs are incurred to activate the resource. |

| Initiative | Attributing Savings to LDCs | Savings 'start' Date | Calculating Resource Savings |
|--------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Home Assistance Program | | | |
| Home Assistance Program | Results are directly attributed to LDC based on LDC identified in the application. | Savings are considered to begin in the year in which the measures were installed. | Peak demand and energy savings are determined using the measure level per unit assumption multiplied by the uptake of each measure (gross), taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level. |
| Aboriginal Program | | | |
| Aboriginal Program | Results are directly attributed to LDC based on LDC identified in the application. | Savings are considered to begin in the year in which the measures were installed. | Peak demand and energy savings are determined using the measure level per unit assumption multiplied by the uptake of each measure (gross), taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level. |

| Initiative | Attributing Savings to LDCs | Savings 'start' Date | Calculating Resource Savings |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pre-2011 Programs completed in 2011 | | | |
| Electricity Retrofit Incentive Program | Results are directly attributed to LDC based on LDC identified in the application; Initiative was not evaluated in 2011, 2012, 2013 or 2014 assumptions as per 2010 evaluation. | Savings are considered to begin in the year in which a project was completed. | Peak demand and energy savings are determined by the total savings from a given project as reported. A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). If energy savings are not available, an estimate is made based on the kWh to kW ratio in the provincial results from the 2010 evaluated results (http://www.powerauthority.on.ca/evaluation-measurement-and-verification/evaluation-reports). |
| High Performance New Construction | Results are directly attributed to LDC based on customer data provided to the OPA from Enbridge; Initiative was not evaluated in 2011, 2012, 2013 or 2014, assumptions as per 2010 evaluation. | Savings are considered to begin in the year in which a project was completed. | |
| Toronto Comprehensive | Program run exclusively in Toronto Hydro-Electric System Limited service territory; Initiative was not evaluated in 2011, 2012, 2013 or 2014, assumptions as per 2010 evaluation. | | |

| Initiative | Attributing Savings to LDCs | Savings 'start' Date | Calculating Resource Savings |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Multifamily Energy Efficiency Rebates | Results are directly attributed to LDC based on LDC identified in the application; Initiative was not evaluated in 2011, 2012, 2013 or 2014, assumptions as per 2010 evaluation. | Savings are considered to begin in the year in which a project was completed. | Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). If energy savings are not available, an estimate is made based on the kWh to kW ratio in the provincial results from the 2010 evaluated results (http://www.powerauthority.on.ca/evaluation-measurement-and-verification/evaluation-reports). |
| Data Centre Incentive Program | Program run exclusively in PowerStream Inc. service territory; Initiative was not evaluated in 2011, assumptions as per 2009 evaluation. | | |
| EnWin Green Suites | Program run exclusively in ENWIN Utilities Ltd. service territory; Initiative was not evaluated in 2011 or 2012, assumptions as per 2010 evaluation. | | |

Consumer Program Allocation Methodology

Results can be allocated based on average of 2008 & 2009 residential throughput for each LDC (below) when additional information is not available. Source: OEB Yearbook Data 2008 & 2009

| Local Distribution Company | Allocation |
|--------------------------------------------------|------------|
| Algoma Power Inc. | 0.2% |
| Atikokan Hydro Inc. | 0.0% |
| Attawapiskat Power Corporation | 0.0% |
| Bluewater Power Distribution Corporation | 0.6% |
| Brant County Power Inc. | 0.2% |
| Brantford Power Inc. | 0.7% |
| Burlington Hydro Inc. | 1.4% |
| Cambridge and North Dumfries Hydro Inc. | 1.0% |
| Canadian Niagara Power Inc. | 0.5% |
| Centre Wellington Hydro Ltd. | 0.1% |
| Chapleau Public Utilities Corporation | 0.0% |
| COLLUS Power Corporation | 0.3% |
| Cooperative Hydro Embrun Inc. | 0.0% |
| E.L.K. Energy Inc. | 0.2% |
| Enersource Hydro Mississauga Inc. | 3.9% |
| ENTEGRUS | 0.6% |
| ENWIN Utilities Ltd. | 1.6% |
| Erie Thames Powerlines Corporation | 0.4% |
| Espanola Regional Hydro Distribution Corporation | 0.1% |
| Essex Powerlines Corporation | 0.7% |
| Festival Hydro Inc. | 0.3% |
| Fort Albany Power Corporation | 0.0% |
| Fort Frances Power Corporation | 0.1% |
| Greater Sudbury Hydro Inc. | 1.0% |
| Grimsby Power Inc. | 0.2% |
| Guelph Hydro Electric Systems Inc. | 0.9% |
| Haldimand County Hydro Inc. | 0.4% |
| Halton Hills Hydro Inc. | 0.5% |
| Hearst Power Distribution Company Limited | 0.1% |
| Horizon Utilities Corporation | 4.0% |
| Hydro 2000 Inc. | 0.0% |
| Hydro Hawkesbury Inc. | 0.1% |
| Hydro One Brampton Networks Inc. | 2.8% |
| Hydro One Networks Inc. | 30.0% |
| Hydro Ottawa Limited | 5.6% |
| Innisfil Hydro Distribution Systems Limited | 0.4% |
| Kashechewan Power Corporation | 0.0% |
| Kenora Hydro Electric Corporation Ltd. | 0.1% |
| Kingston Hydro Corporation | 0.5% |
| Kitchener-Wilmot Hydro Inc. | 1.6% |
| Lakefront Utilities Inc. | 0.2% |

| | |
|-------------------------------------------------|-------|
| Lakeland Power Distribution Ltd. | 0.2% |
| London Hydro Inc. | 2.7% |
| Middlesex Power Distribution Corporation | 0.1% |
| Midland Power Utility Corporation | 0.1% |
| Milton Hydro Distribution Inc. | 0.6% |
| Newmarket - Tay Power Distribution Ltd. | 0.7% |
| Niagara Peninsula Energy Inc. | 1.0% |
| Niagara-on-the-Lake Hydro Inc. | 0.2% |
| Norfolk Power Distribution Inc. | 0.3% |
| North Bay Hydro Distribution Limited | 0.5% |
| Northern Ontario Wires Inc. | 0.1% |
| Oakville Hydro Electricity Distribution Inc. | 1.5% |
| Orangeville Hydro Limited | 0.2% |
| Orillia Power Distribution Corporation | 0.3% |
| Oshawa PUC Networks Inc. | 1.2% |
| Ottawa River Power Corporation | 0.2% |
| Parry Sound Power Corporation | 0.1% |
| Peterborough Distribution Incorporated | 0.7% |
| PowerStream Inc. | 6.6% |
| PUC Distribution Inc. | 0.9% |
| Renfrew Hydro Inc. | 0.1% |
| Rideau St. Lawrence Distribution Inc. | 0.1% |
| Sioux Lookout Hydro Inc. | 0.1% |
| St. Thomas Energy Inc. | 0.3% |
| Thunder Bay Hydro Electricity Distribution Inc. | 0.9% |
| Tillsonburg Hydro Inc. | 0.1% |
| Toronto Hydro-Electric System Limited | 12.8% |
| Veridian Connections Inc. | 2.4% |
| Wasaga Distribution Inc. | 0.2% |
| Waterloo North Hydro Inc. | 1.0% |
| Welland Hydro-Electric System Corp. | 0.4% |
| Wellington North Power Inc. | 0.1% |
| West Coast Huron Energy Inc. | 0.1% |
| Westario Power Inc. | 0.5% |
| Whitby Hydro Electric Corporation | 0.9% |
| Woodstock Hydro Services Inc. | 0.3% |

Reporting Glossary

Annual: the peak demand or energy savings that occur in a given year (includes resource savings from new program activity and resource savings persisting from previous years).

Cumulative Energy Savings: represents the sum of the annual energy savings that accrue over a defined period (in the context of this report the defined period is 2011 - 2014). This concept does not apply to peak demand savings.

End-User Level: resource savings in this report are measured at the customer level as opposed to the generator level (the difference being line losses).

Free-ridership: the percentage of participants who would have implemented the program measure or practice in the absence of the program.

Incremental: the new resource savings attributable to activity procured in a particular reporting period based on when the savings are considered to 'start'.

Initiative: a Conservation & Demand Management offering focusing on a particular opportunity or customer end-use (i.e. Retrofit, Fridge & Freezer Pickup).

Net-to-Gross Ratio: The ratio of net savings to gross savings, which takes into account factors such as free-ridership and spillover

Net Energy Savings (MWh): energy savings attributable to conservation and demand management activities net of free-riders, etc.

Net Peak Demand Savings (MW): peak demand savings attributable to conservation and demand management activities net of free-riders, etc.

Program: a group of initiatives that target a particular market sector (e.g. Consumer, Industrial).

Realization Rate: A comparison of observed or measured (evaluated) information to original reported savings which is used to adjust the gross savings estimates.

Settlement Account: the grouping of demand response facilities (contributors) into one contractual agreement

Spillover: Reductions in energy consumption and/or demand caused by the presence of the energy efficiency program, beyond the program-related gross savings of the participants. There can be participant and/or non-participant spillover.

Unit: for a specific initiative the relevant type of activity acquired in the market place (i.e. appliances picked up, projects completed, coupons redeemed).

Table 11: Horizon Utilities Corporation Initiative and Program Level Gross Savings by Year

| Initiative | Unit | Gross Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period) | | | | Gross Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period) | | | |
|-------------------------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------------------------------------------------------------------------------------------------------------------|------------|------------|------------|
| | | 2011 | 2012 | 2013 | 2014 | 2011 | 2012 | 2013 | 2014 |
| Consumer Program | | | | | | | | | |
| Appliance Retirement** | Appliances | 350 | 96 | 124 | 85 | 2,495,649 | 669,778 | 793,618 | 558,578 |
| Appliance Exchange** | Appliances | 35 | 19 | 70 | 80 | 41,598 | 33,812 | 124,940 | 142,488 |
| HVAC Incentives | Equipment | 2,798 | 2,183 | 1,997 | 2,323 | 5,121,925 | 3,743,882 | 3,426,318 | 4,282,290 |
| Conservation Instant Coupon Booklet | Items | 44 | 9 | 19 | 51 | 735,082 | 53,604 | 276,622 | 668,041 |
| Bi-Annual Retailer Event | Items | 61 | 66 | 46 | 187 | 1,087,497 | 1,181,405 | 664,698 | 2,840,283 |
| Retailer Co-op | Items | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Residential Demand Response | Devices | 1,093 | 2,699 | 3,738 | 4,457 | 2,830 | 13,650 | 11,153 | 1,510 |
| Residential Demand Response (IHD) | Devices | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Residential New Construction | Homes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Consumer Program Total | | 4,381 | 5,072 | 5,994 | 7,183 | 9,484,581 | 5,696,131 | 5,297,349 | 8,493,191 |
| Business Program | | | | | | | | | |
| Retrofit | Projects | 1,192 | 2,049 | 4,031 | 3,585 | 6,499,364 | 11,576,745 | 22,384,514 | 26,496,922 |
| Direct Install Lighting | Projects | 617 | 738 | 479 | 903 | 1,823,667 | 2,253,482 | 1,528,270 | 3,115,089 |
| Building Commissioning | Buildings | 0 | 0 | 0 | 133 | 0 | 0 | 0 | 157,250 |
| New Construction | Buildings | 0 | 1 | 11 | 280 | 0 | 3,158 | 38,576 | 965,399 |
| Energy Audit | Audits | 0 | 16 | 107 | 396 | 0 | 75,529 | 586,485 | 1,945,561 |
| Small Commercial Demand Response | Devices | 0 | 6 | 13 | 12 | 0 | 33 | 18 | 0 |
| Small Commercial Demand Response (IHD) | Devices | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Demand Response 3 | Facilities | 536 | 531 | 597 | 595 | 20,936 | 7,718 | 9,571 | 0 |
| Business Program Total | | 2,346 | 3,340 | 5,238 | 5,903 | 8,343,968 | 13,916,664 | 24,547,435 | 32,680,221 |
| Industrial Program | | | | | | | | | |
| Process & System Upgrades | Projects | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Monitoring & Targeting | Projects | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Energy Manager | Projects | 0 | 51 | 25 | 46 | 0 | 405,400 | 198,003 | 1,174,102 |
| Retrofit | Projects | 94 | 0 | 0 | 0 | 524,802 | 0 | 0 | 0 |
| Demand Response 3 | Facilities | 3,498 | 6,445 | 13,261 | 17,093 | 205,346 | 155,311 | 331,641 | 0 |
| Industrial Program Total | | 3,592 | 6,495 | 13,286 | 17,139 | 730,148 | 560,711 | 529,644 | 1,174,102 |
| Home Assistance Program | | | | | | | | | |
| Home Assistance Program | Homes | 0 | 19 | 808 | 717 | 0 | 287,021 | 4,634,362 | 4,387,048 |
| Home Assistance Program Total | | 0 | 19 | 808 | 717 | 0 | 287,021 | 4,634,362 | 4,387,048 |
| Aboriginal Program | | | | | | | | | |
| Home Assistance Program | Homes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Direct Install Lighting | Projects | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aboriginal Program Total | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pre-2011 Programs completed in 2011 | | | | | | | | | |
| Electricity Retrofit Incentive Program | Projects | 5,876 | 0 | 0 | 0 | 33,885,712 | 0 | 0 | 0 |
| High Performance New Construction | Projects | 485 | 293 | 0 | 0 | 2,489,177 | 1,164,328 | 0 | 0 |
| Toronto Comprehensive | Projects | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Multifamily Energy Efficiency Rebates | Projects | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LDC Custom Programs | Projects | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pre-2011 Programs completed in 2011 Total | | 6,361 | 293 | 0 | 0 | 36,374,889 | 1,164,328 | 0 | 0 |
| Other | | | | | | | | | |
| Program Enabled Savings | Projects | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Time-of-Use Savings | Homes | 0 | 0 | 0 | 2,487 | 0 | 0 | 0 | 0 |
| LDC Pilots | Projects | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Total | | 0 | 0 | 0 | 2,487 | 0 | 0 | 0 | 0 |
| Adjustments to 2011 Verified Results | | | 826 | 0 | 4 | | 5,441,801 | 0 | 18,008 |
| Adjustments to 2012 Verified Results | | | | 176 | 969 | | | 880,383 | 7,178,246 |
| Adjustments to 2013 Verified Results | | | | | 1,658 | | | | 9,148,556 |
| Energy Efficiency Total | | 11,552 | 5,539 | 7,718 | 11,272 | 54,704,474 | 21,448,144 | 34,656,405 | 46,733,051 |
| Demand Response Total | | 5,128 | 9,681 | 17,608 | 22,157 | 229,113 | 176,712 | 352,384 | 1,510 |
| Adjustments to Previous Years' Verified Results Total | | 0 | 826 | 176 | 2,631 | 0 | 5,441,801 | 880,383 | 16,344,810 |
| OPA-Contracted LDC Portfolio Total (inc. Adjustments) | | 16,680 | 16,045 | 25,502 | 36,060 | 54,933,587 | 27,066,656 | 35,889,172 | 63,079,371 |

Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).

*Includes adjustments after Final Reports were issued

Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year

Gross results are presented for informational purposes only and are not considered official 2014 Final Verified Results

**Net results substituted for gross results due to unavailability of data

Table 12: Adjustments to Horizon Utilities Corporation Gross Verified Results due to Variances

| Initiative | Unit | Gross Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period) | | | | Gross Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period) | | | |
|-------------------------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------|------|-------|------|--------------------------------------------------------------------------------------------------------------------|-----------|-----------|------|
| | | 2011 | 2012 | 2013 | 2014 | 2011 | 2012 | 2013 | 2014 |
| Consumer Program | | | | | | | | | |
| Appliance Retirement | Appliances | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Appliance Exchange | Appliances | 0 | 0 | 0 | | 0 | 0 | 0 | |
| HVAC Incentives | Equipment | -494 | 36 | 113 | | -911,621 | 68,707 | 199,982 | |
| Conservation Instant Coupon Booklet | Items | 1 | 0 | 0 | | 10,349 | 0 | 836 | |
| Bi-Annual Retailer Event | Items | 5 | 0 | 0 | | 95,962 | 0 | 0 | |
| Retailer Co-op | Items | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Residential Demand Response | Devices | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Residential Demand Response (IHD) | Devices | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Residential New Construction | Homes | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Consumer Program Total | | -489 | 36 | 113 | | -805,310 | 68,707 | 200,818 | |
| Business Program | | | | | | | | | |
| Retrofit | Projects | 158 | 134 | 444 | | 813,113 | 2,229,467 | 2,146,864 | |
| Direct Install Lighting | Projects | 30 | 0 | 0 | | 65,529 | 0 | 0 | |
| Building Commissioning | Buildings | 0 | 0 | 0 | | 0 | 0 | 0 | |
| New Construction | Buildings | 1 | 0 | 1,076 | | 3,158 | 458,240 | 5,929,573 | |
| Energy Audit | Audits | 52 | 5 | 27 | | 251,763 | 30,210 | 147,108 | |
| Small Commercial Demand Response | Devices | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Small Commercial Demand Response (IHD) | Devices | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Demand Response 3 | Facilities | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Business Program Total | | 241 | 139 | 1,546 | | 1,133,563 | 2,717,918 | 8,223,545 | |
| Industrial Program | | | | | | | | | |
| Process & System Upgrades | Projects | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Monitoring & Targeting | Projects | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Energy Manager | Projects | 0 | 0 | 3 | | 0 | 4,309 | 39,775 | |
| Retrofit | Projects | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Demand Response 3 | Facilities | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Industrial Program Total | | 0 | 0 | 3 | | 0 | 4,309 | 39,775 | |
| Home Assistance Program | | | | | | | | | |
| Home Assistance Program | Homes | 0 | 0 | 200 | | 0 | 13,531 | 716,808 | |
| Home Assistance Program Total | | 0 | 0 | 200 | | 0 | 13,531 | 716,808 | |
| Aboriginal Program | | | | | | | | | |
| Home Assistance Program | Homes | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Direct Install Lighting | Projects | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Aboriginal Program Total | | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Pre-2011 Programs completed in 2011 | | | | | | | | | |
| Electricity Retrofit Incentive Program | Projects | 0 | 0 | 0 | | 0 | 0 | 0 | |
| High Performance New Construction | Projects | 1,074 | 0 | 0 | | 5,113,548 | 5,278,787 | 0 | |
| Toronto Comprehensive | Projects | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Multifamily Energy Efficiency Rebates | Projects | 0 | 0 | 0 | | 0 | 0 | 0 | |
| LDC Custom Programs | Projects | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Pre-2011 Programs completed in 2011 Total | | 1,074 | 0 | 0 | | 5,113,548 | 5,278,787 | 0 | |
| Other | | | | | | | | | |
| Program Enabled Savings | Projects | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Time-of-Use Savings | Homes | 0 | 0 | 0 | | 0 | 0 | 0 | |
| LDC Pilots | Projects | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Other Total | | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Adjustments to 2011 Verified Results | | 826 | | | | 5,441,801 | | | |
| Adjustments to 2012 Verified Results | | | 176 | | | | 8,083,252 | | |
| Adjustments to 2013 Verified Results | | | | 1,862 | | | | 9,180,946 | |
| Total Adjustments to Previous Years' Verified Results | | 826 | 176 | 1,862 | | 5,441,801 | 8,083,252 | 9,180,946 | |

Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).

Gross results are presented for informational purposes only and are not considered official 2014 Final Verified Results

Table 13: Province-Wide Initiatives and Program Level Gross Savings by Year

| Initiative | Unit | Gross Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period) | | | | Gross Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period) | | | |
|-------------------------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|--------------------------------------------------------------------------------------------------------------------|-------------|-------------|---------------|
| | | 2011 | 2012 | 2013 | 2014 | 2011 | 2012 | 2013 | 2014 |
| Consumer Program | | | | | | | | | |
| Appliance Retirement** | Appliances | 6,750 | 2,011 | 3,151 | 3,579 | 45,971,627 | 13,424,518 | 18,616,239 | 20,315,770 |
| Appliance Exchange** | Appliances | 719 | 556 | 2,101 | 2,238 | 873,531 | 974,621 | 3,746,106 | 3,990,372 |
| HVAC Incentives | Equipment | 53,209 | 38,346 | 40,418 | 48,467 | 99,413,430 | 66,929,213 | 71,225,037 | 90,274,814 |
| Conservation Instant Coupon Booklet | Items | 1,184 | 231 | 464 | 1,442 | 19,192,453 | 1,325,898 | 6,842,244 | 19,000,254 |
| Bi-Annual Retailer Event | Items | 1,504 | 1,622 | 1,142 | 4,626 | 26,899,265 | 29,222,072 | 16,441,329 | 70,254,471 |
| Retailer Co-op | Items | 0 | 0 | 0 | 0 | 3,917 | 0 | 0 | 0 |
| Residential Demand Response | Devices | 10,390 | 49,038 | 93,076 | 117,513 | 23,597 | 359,408 | 390,303 | 8,379 |
| Residential Demand Response (IHD) | Devices | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Residential New Construction | Homes | 0 | 1 | 29 | 587 | 1,813 | 4,884 | 259,826 | 3,699,786 |
| Consumer Program Total | | 73,757 | 91,805 | 140,380 | 178,452 | 192,379,633 | 112,240,615 | 117,521,084 | 207,543,846 |
| Business Program | | | | | | | | | |
| Retrofit | Projects | 34,201 | 78,965 | 82,896 | 98,849 | 184,070,265 | 387,817,248 | 478,410,896 | 642,515,421 |
| Direct Install Lighting | Projects | 22,155 | 20,469 | 19,807 | 24,794 | 65,777,197 | 68,896,046 | 68,140,249 | 89,528,509 |
| Building Commissioning | Buildings | 0 | 0 | 0 | 988 | 0 | 0 | 0 | 1,513,377 |
| New Construction | Buildings | 247 | 1,596 | 2,934 | 11,911 | 823,434 | 3,755,869 | 9,183,826 | 37,742,970 |
| Energy Audit | Audits | 0 | 1,450 | 4,283 | 9,367 | 0 | 7,049,351 | 23,386,108 | 46,012,517 |
| Small Commercial Demand Response | Devices | 55 | 187 | 773 | 2,116 | 131 | 1,068 | 373 | 319 |
| Small Commercial Demand Response (IHD) | Devices | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Demand Response 3 | Facilities | 21,390 | 19,389 | 23,706 | 23,380 | 633,421 | 281,823 | 346,659 | 0 |
| Business Program Total | | 78,048 | 122,056 | 134,399 | 171,405 | 251,304,448 | 467,801,406 | 579,468,111 | 817,313,113 |
| Industrial Program | | | | | | | | | |
| Process & System Upgrades | Projects | 0 | 0 | 313 | 12,287 | 0 | 0 | 2,799,746 | 90,463,617 |
| Monitoring & Targeting | Projects | 0 | 0 | 0 | 102 | 0 | 0 | 0 | 502,517 |
| Energy Manager | Projects | 0 | 1,034 | 3,953 | 5,767 | 0 | 7,067,535 | 24,438,070 | 44,929,364 |
| Retrofit | Projects | 6,372 | 0 | 0 | 0 | 38,412,408 | 0 | 0 | 0 |
| Demand Response 3 | Facilities | 176,180 | 74,056 | 162,543 | 166,082 | 4,243,958 | 1,784,712 | 4,309,160 | 0 |
| Industrial Program Total | | 182,552 | 75,090 | 166,809 | 184,238 | 42,656,366 | 8,852,247 | 31,546,976 | 135,895,498 |
| Home Assistance Program | | | | | | | | | |
| Home Assistance Program | Homes | 4 | 1,777 | 2,361 | 2,466 | 56,119 | 5,524,230 | 20,987,275 | 19,582,658 |
| Home Assistance Program Total | | 4 | 1,777 | 2,361 | 2,466 | 56,119 | 5,524,230 | 20,987,275 | 19,582,658 |
| Aboriginal Program | | | | | | | | | |
| Home Assistance Program | Homes | 0 | 0 | 267 | 549 | 0 | 0 | 1,609,393 | 3,101,207 |
| Direct Install Lighting | Projects | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aboriginal Program Total | | 0 | 0 | 267 | 549 | 0 | 0 | 1,609,393 | 3,101,207 |
| Pre-2011 Programs completed in 2011 | | | | | | | | | |
| Electricity Retrofit Incentive Program | Projects | 40,418 | 0 | 0 | 0 | 223,956,390 | 0 | 0 | 0 |
| High Performance New Construction | Projects | 10,197 | 6,501 | 772 | 268 | 52,371,183 | 23,803,888 | 3,522,240 | 1,377,475 |
| Toronto Comprehensive | Projects | 33,467 | 0 | 0 | 802 | 174,070,574 | 0 | 0 | 7,085,257 |
| Multifamily Energy Efficiency Rebates | Projects | 2,553 | 0 | 0 | 0 | 9,774,792 | 0 | 0 | 0 |
| LDC Custom Programs | Projects | 534 | 0 | 0 | 0 | 649,140 | 0 | 0 | 0 |
| Pre-2011 Programs completed in 2011 Total | | 87,169 | 6,501 | 772 | 1,070 | 460,822,079 | 23,803,888 | 3,522,240 | 8,462,733 |
| Other | | | | | | | | | |
| Program Enabled Savings | Projects | 0 | 2,177 | 3,692 | 5,500 | 0 | 525,011 | 4,075,382 | 19,035,337 |
| Time-of-Use Savings | Homes | 0 | 0 | 0 | 54,795 | 0 | 0 | 0 | 0 |
| LDC Pilots | Projects | 0 | 0 | 0 | 1,170 | 0 | 0 | 0 | 5,061,522 |
| Other Total | | 0 | 2,177 | 3,692 | 60,296 | 0 | 525,011 | 4,075,382 | 19,035,337 |
| Adjustments to 2011 Verified Results | | | 13,266 | 645 | 1,601 | | 48,705,294 | 20,581 | 6,028 |
| Adjustments to 2012 Verified Results | | | | 8,632 | 13,449 | | | 54,301,893 | 59,098,939 |
| Adjustments to 2013 Verified Results | | | | | 34,727 | | | | 206,413,158 |
| Energy Efficiency Total | | 213,515 | 156,735 | 168,583 | 289,384 | 942,317,539 | 616,320,385 | 753,683,966 | 1,210,925,694 |
| Demand Response Total | | 208,015 | 142,670 | 280,099 | 309,091 | 4,901,107 | 2,427,011 | 5,046,495 | 8,698 |
| Adjustments to Previous Years' Verified Results Total | | 0 | 13,266 | 9,277 | 49,777 | 0 | 48,705,294 | 54,322,474 | 265,518,125 |
| OPA-Contracted LDC Portfolio Total (inc. Adjustments) | | 421,530 | 312,671 | 457,958 | 648,252 | 947,218,646 | 667,452,690 | 813,052,934 | 1,476,452,516 |

Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).

Gross results are presented for informational purposes only and are not considered official 2014 Final Verified Results

**Net results substituted for gross results due to unavailability of data

Table 14: Adjustments to Province-Wide Gross Verified Results due to Variances

| Initiative | Unit | Gross Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period) | | | | Gross Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period) | | | |
|-------------------------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------|--------|--------|------|--------------------------------------------------------------------------------------------------------------------|-------------|-------------|------|
| | | 2011 | 2012 | 2013 | 2014 | 2011 | 2012 | 2013 | 2014 |
| Consumer Program | | | | | | | | | |
| Appliance Retirement | Appliances | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Appliance Exchange | Appliances | 0 | 0 | 0 | | 0 | 0 | 0 | |
| HVAC Incentives | Equipment | -8,759 | 1,091 | 2,157 | | -16,241,086 | 1,952,473 | 3,873,449 | |
| Conservation Instant Coupon Booklet | Items | 15 | 0 | 1 | | 255,975 | 0 | 20,668 | |
| Bi-Annual Retailer Event | Items | 117 | 0 | 0 | | 2,373,616 | 0 | 0 | |
| Retailer Co-op | Items | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Residential Demand Response | Devices | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Residential Demand Response (IHD) | Devices | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Residential New Construction | Homes | 1 | 1 | 115 | | 330,093 | 2,009 | 701,488 | |
| Consumer Program Total | | -8,628 | 1,092 | 2,273 | | -13,281,402 | 1,954,483 | 4,595,605 | |
| Business Program | | | | | | | | | |
| Retrofit | Projects | 4,511 | 10,114 | 16,584 | | 22,046,931 | 58,528,789 | 108,677,566 | |
| Direct Install Lighting | Projects | 541 | 217 | 49 | | 1,346,618 | 781,858 | 174,460 | |
| Building Commissioning | Buildings | 0 | 0 | 0 | | 0 | 0 | 0 | |
| New Construction | Buildings | 3,287 | 2,673 | 4,151 | | 11,323,593 | 9,884,305 | 15,992,924 | |
| Energy Audit | Audits | 656 | 488 | 3,631 | | 2,391,744 | 2,386,374 | 19,822,524 | |
| Small Commercial Demand Response | Devices | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Small Commercial Demand Response (IHD) | Devices | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Demand Response 3 | Facilities | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Business Program Total | | 8,996 | 13,491 | 24,414 | | 37,108,886 | 71,581,326 | 144,667,473 | |
| Industrial Program | | | | | | | | | |
| Process & System Upgrades | Projects | 0 | 0 | 426 | | 0 | 0 | 1,232,785 | |
| Monitoring & Targeting | Projects | 0 | 0 | 54 | | 0 | 528,000 | 639,348 | |
| Energy Manager | Projects | 29 | 1,071 | 2,687 | | 0 | 8,968,007 | 28,893,596 | |
| Retrofit | Projects | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Demand Response 3 | Facilities | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Industrial Program Total | | 29 | 1,071 | 3,168 | | 0 | 9,496,007 | 30,765,729 | |
| Home Assistance Program | | | | | | | | | |
| Home Assistance Program | Homes | 0 | 222 | 791 | | 0 | 1,316,749 | 4,321,794 | |
| Home Assistance Program Total | | 0 | 222 | 791 | | 0 | 1,316,749 | 4,321,794 | |
| Aboriginal Program | | | | | | | | | |
| Home Assistance Program | Homes | 0 | 0 | 134 | | 0 | 0 | 563,715 | |
| Direct Install Lighting | Projects | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Aboriginal Program Total | | 0 | 0 | 134 | | 0 | 0 | 563,715 | |
| Pre-2011 Programs completed in 2011 | | | | | | | | | |
| Electricity Retrofit Incentive Program | Projects | 266 | 0 | 0 | | 1,049,108 | 0 | 0 | |
| High Performance New Construction | Projects | 13,072 | 727 | 405 | | 23,905,663 | 5,665,066 | 1,535,048 | |
| Toronto Comprehensive | Projects | 0 | 1,920 | 529 | | 0 | 12,924,335 | 3,783,965 | |
| Multifamily Energy Efficiency Rebates | Projects | 0 | 0 | 0 | | 0 | 0 | 0 | |
| LDC Custom Programs | Projects | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Pre-2011 Programs completed in 2011 Total | | 13,337 | 2,647 | 934 | | 24,954,771 | 18,589,400 | 5,319,013 | |
| Other | | | | | | | | | |
| Program Enabled Savings | Projects | 1,776 | 3,712 | 2,020 | | 1,673,712 | 11,481,687 | 10,688,564 | |
| Time-of-Use Savings | Homes | 0 | 0 | 0 | | 0 | 0 | 0 | |
| LDC Pilots | Projects | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Other Total | | 1,776 | 3,712 | 2,020 | | 1,673,712 | 11,481,687 | 10,688,564 | |
| Adjustments to 2011 Verified Results | | 15,511 | | | | 50,455,967 | | | |
| Adjustments to 2012 Verified Results | | | 22,235 | | | | 114,419,652 | | |
| Adjustments to 2013 Verified Results | | | | 33,734 | | | | 200,921,892 | |
| Adjustments to Previous Years' Verified Results Total | | 15,511 | 22,235 | 33,734 | | 50,455,967 | 114,419,652 | 200,921,892 | |

Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).

*Includes adjustments after Final Reports were issued

Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year

Gross results are presented for informational purposes only and are not considered official 2014 Final Verified Results

ATTACHMENT 13 – 2015 FINAL IESO RESULTS REPORT HORIZON UTILITIES RZ

Final 2015 Annual Verified Results Report

Letter from the Vice-President, Conservation & Corporate Relations

June 30, 2016

The IESO is pleased to provide the Final 2015 Annual Verified Results Report including final 2015 Project Lists and EM&V Key Findings & FAQs. Collectively LDCs achieved 1.1 TWh of energy savings persisting to 2020 – representing 16% of the 7 TWh target. These results were achieved through both Legacy Framework and Conservation First Framework (CFF) programs. The results indicate a smooth transition between frameworks and demonstrate the continued collaboration between LDCs and the IESO in promoting a culture of conservation across the province.

The IESO remains committed to supporting LDCs in the delivery of conservation programs and 2015 marked some significant milestones, including the completion and approval of over 40 CDM plans and the implementation of 14 pilot programs and 5 local programs. Other highlights include:

- Business sector accounted for 79% of the net energy savings persisting to 2020 with the remainder 21% through the Residential sector.
- The Coupons program shifted toward ENERGY STAR® rated LED lighting, accounting for roughly 90% of coupons redeemed.
- The Retrofit program participation increased nearly 20%, and net energy savings increased by over 50% over 2014 results. Net-to-gross adjustments are trending higher than previous years, minimum of a 75% net-to-gross in all regions.
- The Process & Systems Upgrades program achieved a 20% increase in Capital Incentive projects totalling 12 in all, including 4 Behind-the-Meter Generation, and a broad spectrum of industrial processes and end-uses.

2015 also marks the first year that regional and local net-to-gross values have been employed where possible in certain programs, providing LDCs with a more granular analysis on their individual results.

CFF provides many opportunities to support LDCs in achieving their energy targets and delivering value to customers. Through increased flexibility for LDCs to design and deliver programs based on local needs and fostering collaboration and innovation through enhanced program funding opportunities we are well positioned to achieve success in delivering effective conservation programs to all customers.

We appreciate your collaboration and cooperation throughout the reporting and evaluation process and as we look ahead to the remainder of 2016, the IESO will be focusing on improving its communication and support services to further enhance the participation in conservation programs for both LDCs and customers.

Please continue to monitor Save on Energy E-blasts for future updates and should you have any other questions or comments please contact LDC.Support@ieso.ca.

I look forward to continuing to work together in achieving success in the Conservation First Framework.

Sincerely,

Terry Young
Vice-President, Conservation & Corporate Relations
Independent Electricity System Operator

Final 2015 Annual Verified Results Report

Table of Contents

| # | Worksheet Name | Worksheet Description |
|---|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | How to Use This Report | Describes the contents and structure of this report |
| 2 | Report Summary | <p>A high level summary of the Final 2015 Annual Verified Results Report, including:</p> <ol style="list-style-type: none"> 1) progress toward the LDC's <ol style="list-style-type: none"> a) Allocated 2020 Energy Savings Target; b) Allocated 2015-2020 LDC CDM Plan Budget; c) CDM Plan 2015-2020 Forecasts; 3) annual savings and spending; 4) Annual FCR Progress; 5) annual LDC CDM Plan spending progress; 6) graphs describing: <ol style="list-style-type: none"> a) contribution to 2020 Target Achievement by program; b) 2015 LDC CDM Plan Budget Spending by Sector; c) annual energy savings persistence to 2020 by year; d) your Allocated Target achievement progress relative to your peers; and e) your LDC CDM Plan Budget Spending progress relative to your peers; |
| 3 | LDC Progress | <p>A comprehensive report of 2015 conservation results including:</p> <ol style="list-style-type: none"> 1) activity; 2) savings including: <ol style="list-style-type: none"> a) energy and demand; b) net and gross; c) CDM Plan forecasts, verified actuals and relative progress; d) Allocated Target and Target achievement; and 3) spending, including participant incentives and administrative expenses. <p>Data is grouped by category and summarized at the LDC level.</p> |
| 4 | Province-Wide Progress | <p>A comprehensive report of 2015 conservation results including:</p> <ol style="list-style-type: none"> 1) activity; 2) savings including: <ol style="list-style-type: none"> a) energy and demand; b) net and gross; c) CDM Plan forecasts, verified actuals and relative progress; d) Allocated Target and Target achievement; and 3) spending, including participant incentives and administrative expenses. <p>Data is grouped by category and summarized at the province-wide level.</p> |
| 5 | IESO Value Added Services Costs | Provision of the LDCs and the Province-Wide aggregated IESO Value Added Services activity and costs for each year. |
| 6 | Methodology | Description of the methods used to calculate energy savings, financial results and cost-effectiveness. |
| 7 | Reference Tables | Consumer Program Province-Wide results allocation to specific LDCs. |
| 8 | Glossary | Definitions for the terms used throughout this report. |

Final 2015 Annual Verified Results Report

How to use this 2015 Annual Verified Results Report

The IESO is pleased to provide you with the 2015 Annual Verified Results Report.

This report provides:

- 1) electricity savings;
 - 2) annual Full Cost Recovery funding model program progress; and
 - 3) peak demand savings;
 - 4) IESO Value Added Services Costs
- in accordance with Section 9.2(b)(i) of the Energy Conservation Agreement.

In addition to the above, this report also provides in greater detail:

- 1) program participation results including:
 - a) forecasts; b) actuals; and c) progress (forecast versus (vs) actuals);
- 2) program savings results including:
 - a) net 2020 annual energy savings;
 - b) allocated target, target achievement and progress towards target;
 - c) incremental net first year energy savings;
 - d) incremental net first year demand savings;
 - e) annual net-to-gross and realization rate adjustments;
 - f) incremental gross first year energy savings; and
 - g) incremental gross first year demand savings;

and where available reported by: i) forecasts; ii) verified actuals; and iii) progress (forecast vs actuals);
- 3) program spending including:
 - a) participation incentive spending;
 - b) administrative expense spending (including IESO value-added services costs);
 - c) aggregated total spending;

and for each cost: i) forecasts; ii) verified actuals; and iii) progress (forecast vs actuals);

by both the LDC specific level and the province-wide aggregated level.

This report's format is consistent with the IESO issued Monthly Participation and Cost Report in that it is a dynamic sheet that can be expanded or collapsed by clicking the + button or "Show Detail" feature under the Data tab. Each of the four results categories listed above have been grouped together for easy accessibility.

| Province-Wide Progress | | | | | | | | | | | |
|------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Programs | | | | | | | | | | | |
| 2011-2014+2015 Extension Legacy Framework Programs | | | | | | | | | | | |
| Residential Program | | | | | | | | | | | |
| 1) Coupon Initiative | | | | | | | | | | | |
| 2) Bi-Annual Retailer Event Initiative | | | | | | | | | | | |
| 3) Appliance Retirement Initiative | | | | | | | | | | | |
| 4) HVAC Incentives Initiative | | | | | | | | | | | |
| 5) Residential New Construction and Major Renovation Initiative | | | | | | | | | | | |
| Sub-total - Residential Program | | | | | | | | | | | |
| Commercial & Institutional Program | | | | | | | | | | | |
| 6) Energy Audit Initiative | | | | | | | | | | | |
| 7) Efficiency Equipment Replacement Incentive Initiative | | | | | | | | | | | |
| 8) Direct Install Lighting and Water Heating Initiative | | | | | | | | | | | |
| 9) New Construction and Major Renovation Initiative | | | | | | | | | | | |
| 10) Existing Building Commissioning Incentive Initiative | | | | | | | | | | | |
| Sub-total - Commercial & Institutional Program | | | | | | | | | | | |
| Industrial Program | | | | | | | | | | | |
| 11) Process and Systems Upgrades Initiatives - Project Incentive Initiative | | | | | | | | | | | |
| 12) Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative | | | | | | | | | | | |
| 13) Process and Systems Upgrades Initiatives - Energy Manager Initiative | | | | | | | | | | | |
| Sub-total - Industrial Program | | | | | | | | | | | |
| Low Income Program | | | | | | | | | | | |
| 14) Low Income Initiative | | | | | | | | | | | |
| Sub-total - Low Income Program | | | | | | | | | | | |

Please note:

- 1) Cost Effectiveness Test (CET) results including:
 - a) total resource cost test;
 - b) program administration cost test;
 - c) levelized unit energy cost test;

and for each test: i) benefits; ii) cost; iii) net benefit; iv) benefit ratio;

will not be available for the 2015 program year in this report but will be provided to LDCs in August 2016.
- 2) forecasts of: a) activity; b) savings; and c) spending; included in this report are based on LDC submitted and IESO received CDM Plan - Cost Effectiveness Tools as of May 16, 2016 (from the i) Program Design; ii) Budget Inputs; iii) Savings Results; and iv) CE Results; worksheets); Please note that this does not contain data for Legacy Framework program spending or CFF pilot program activity, savings, spending or cost effectiveness.
- 3) Annual FCR Progress only includes Full Cost Recovery funded program savings. In future reports, any Pay-for-Performance funded programs will be reported as a separate line item.
- 4) The complete list of programs and pilots launched into market in 2015 has been included, however no programs and pilots were in market for a sufficient period of time to enable a valid EM&V process. Therefore these programs and pilots have nothing to report at this time and have cells greyed out rather than reporting zero savings or spending. Any results in 2015 will be determined in a subsequent EM&V process and will be included in a future year's Annual Verified Results Report as a 2015 adjustment;
- 5) Pilot program savings are attributed to the LDC where the pilot program project is located in; and
- 6) This Annual Verified Results Report provides results for the LDC and province only. No aggregated

Final 2015 Annual Verified Results Report
Summary

For: Horizon Utilities Corporation

Target Achievement

| # | Metric | 2015 Verified Results | 2015-2020 Total CDM Plan Forecast | 2015 Verified Results versus CDM Plan (%) | 2015-2020 Total Allocated Target / Budget | 2015 Verified Results versus Allocated Target / Budget (%) | LDC Ranking in the Province out of 75 (2015 Verified Results versus Allocated Target / Budget (%)) |
|---|-------------------------------------------------------------|--------------------------|-----------------------------------------|-------------------------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| 1 | Net Verified Annual Energy Savings Persisting to 2020 (MWh) | 70,835,690 | 344,597,905 | 21 | 330,680,000 | 21 | 19 |
| 2 | Total Spending (\$) | 2,679,921 | 84,829,913 | 3 | 84,830,304 | 3 | 5 |

Annual Results

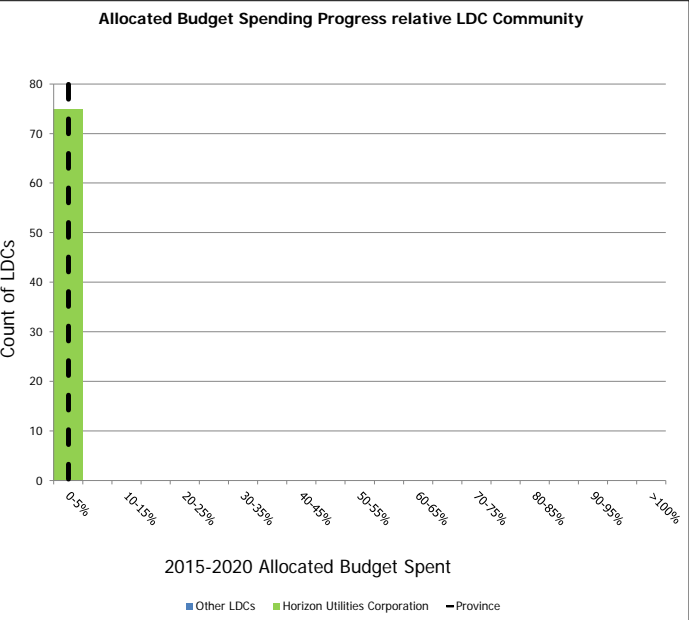
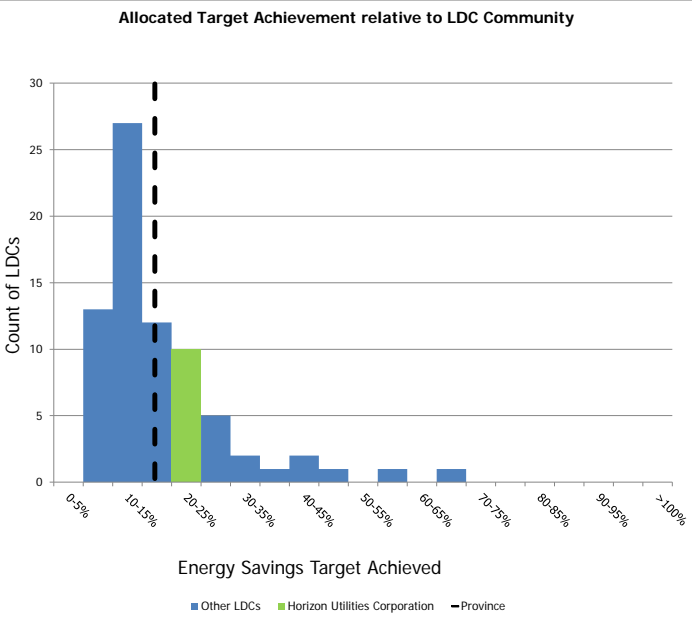
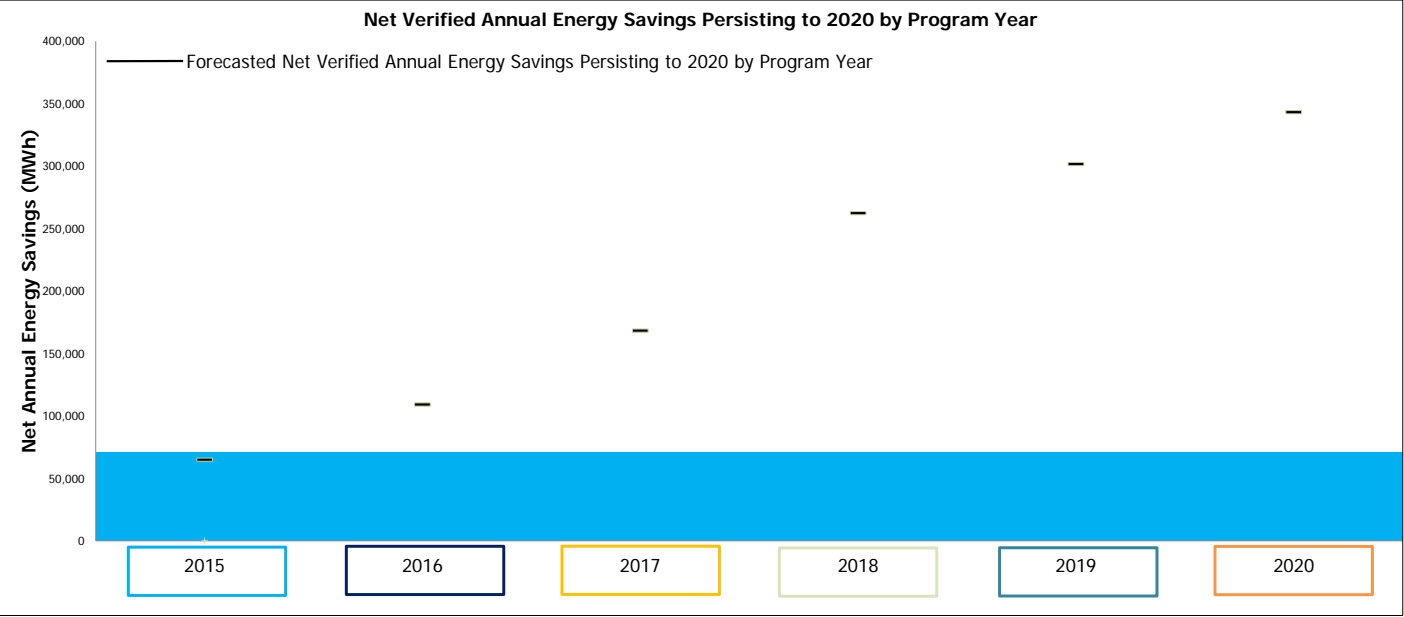
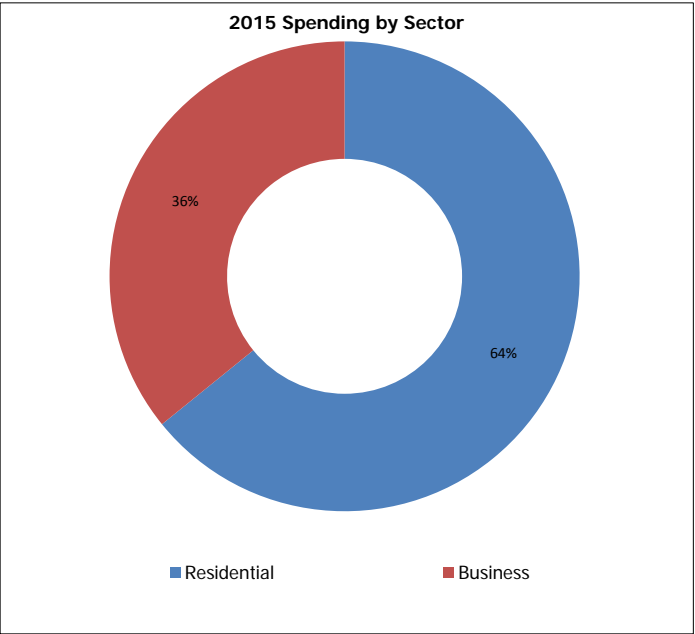
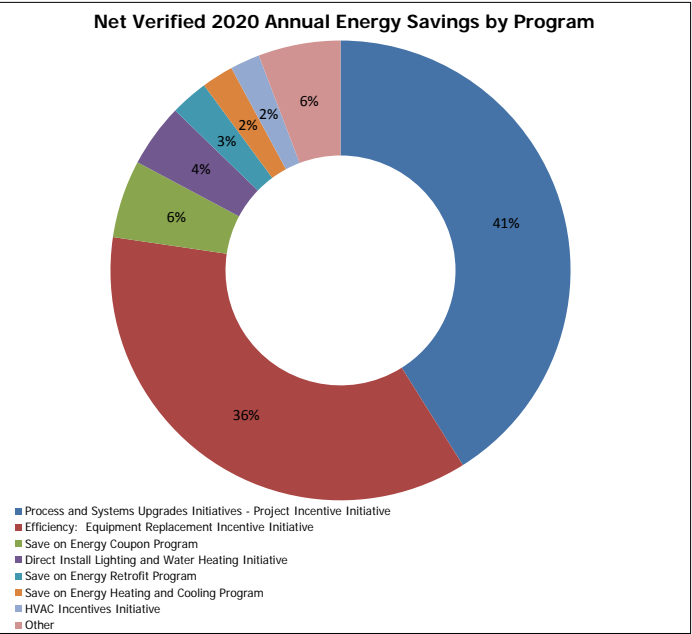
| # | Metric | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total |
|---|-------------------------------------------------------------|------------|------|------|------|------|------|------------|
| 1 | Net Verified Annual Energy Savings Persisting to 2020 (MWh) | 70,835,690 | | | | | | 70,835,690 |
| 2 | Net Verified Incremental First Year Energy Savings (MWh) | 77,117,180 | | | | | | 77,117,180 |
| 3 | Total Spending (\$) | 2,679,921 | | | | | | 2,679,921 |
| 4 | Total Resource Cost Test (Ratio) | n/a | | | | | | n/a |
| 5 | Program Administrator Cost Test (Ratio) | n/a | | | | | | n/a |
| 6 | Levelized Unit Energy Cost Result (\$/kWh) | n/a | | | | | | n/a |

Annual Full Cost Recovery Progress

| # | Metric | Result |
|---|--------------------------------------------------------------------------------------------|------------|
| 1 | Net Verified 2015 Annual Energy Savings from Full Cost Recovery Programs (MWh) | 77,117,180 |
| 2 | Net 2015 Annual Energy Savings from Full Cost Recovery Program per CDM Plan Forecast (MWh) | 65,920,790 |
| 3 | Annual Full Cost Recovery Progress (%) | 117 |

Budget Progress

| # | Metric | Result |
|---|------------------------------|-----------|
| 1 | 2015 Spending (\$) | 2,679,921 |
| 2 | 2015 CDM Plan Budget (\$) | 2,525,471 |
| 3 | CDM Plan Budget Progress (%) | 106 |



Horizon Utilities Corporation Progress

| # | Programs |
|---|----------|
|---|----------|

2011-2014+2015 Extension Legacy Framework Programs

| Residential Program | |
|---------------------------------|--------------------------------------------------------------|
| 1 | Coupon Initiative |
| 2 | Bi-Annual Retailer Event Initiative |
| 3 | Appliance Retirement Initiative |
| 4 | HVAC Incentives Initiative |
| 5 | Residential New Construction and Major Renovation Initiative |
| Sub-total - Residential Program | |

| Commercial & Institutional Program | |
|------------------------------------------------|--------------------------------------------------------|
| 6 | Energy Audit Initiative |
| 7 | Efficiency: Equipment Replacement Incentive Initiative |
| 8 | Direct Install Lighting and Water Heating Initiative |
| 9 | New Construction and Major Renovation Initiative |
| 10 | Existing Building Commissioning Incentive Initiative |
| Sub-total - Commercial & Institutional Program | |

| Industrial Program | |
|--------------------------------|--------------------------------------------------------------------------------|
| 11 | Process and Systems Upgrades Initiatives - Project Incentive Initiative |
| 12 | Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative |
| 13 | Process and Systems Upgrades Initiatives - Energy Manager Initiative |
| Sub-total - Industrial Program | |

| Low Income Program | |
|--------------------------------|-----------------------|
| 14 | Low Income Initiative |
| Sub-total - Low-Income Program | |

| Pilot Program | |
|---------------------------|-----------------------------------|
| 15 | Loblaws Pilot |
| 16 | Social Benchmarking Pilot |
| 17 | Conservation Fund Pilot - SEG |
| 18 | Conservation Fund Pilot - EnerNOC |
| Sub-total - Pilot Program | |

| Other | |
|-------------------|-------------------------------------------------------|
| 19 | Aboriginal Conservation Program |
| 20 | Program Enabled Savings |
| 21 | Adjustments to 2015 Legacy Framework Verified Results |
| Sub-total - Other | |

Sub-total - 2011-2014+2015 Extension Legacy Framework

2015-2020 Conservation First Framework Programs

| Residential Province-Wide Program | |
|-----------------------------------------------|--------------------------------------------|
| 22 | Save on Energy Coupon Program |
| 23 | Save on Energy Heating and Cooling Program |
| 24 | Save on Energy New Construction Program |
| 25 | Save on Energy Home Assistance Program |
| Sub-total - Residential Province-Wide Program | |

| Business Province-Wide Program | |
|--------------------------------------------|----------------------------------------------------------|
| 26 | Save on Energy Audit Funding Program |
| 27 | Save on Energy Retrofit Program |
| 28 | Save on Energy Small Business Lighting Program |
| 29 | Save on Energy High Performance New Construction Program |
| 30 | Save on Energy Existing Building Commissioning Program |
| 31 | Save on Energy Process & Systems Upgrades Program |
| 32 | Save on Energy Monitoring & Targeting Program |
| 33 | Save on Energy Energy Manager Program |
| Sub-total - Business Province-Wide Program | |

| Local & Regional Program | |
|--------------------------------------|-----------------------------------------|
| 34 | Business Refrigeration Local Program |
| 35 | First Nation Conservation Local Program |
| 36 | Social Benchmarking Local Program |
| Sub-total - Local & Regional Program | |

| Pilot Program | |
|---------------------------|------------------------------------------------------------------------------------------|
| 37 | Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - O |
| 38 | EnWin Utilities Ltd. - Building Optimization Pilot |
| 39 | EnWin Utilities Ltd. - Re-Invest Pilot |
| 40 | Horizon Utilities Corporation - ECM Furnace Motor Pilot |
| 41 | Horizon Utilities Corporation - Social Benchmarking Pilot |
| 42 | Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil |
| 43 | Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot |
| 44 | Kitchener-Willmot Hydro Inc. - Pilot - DCKV |
| 45 | Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agric |
| 46 | Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic |
| 47 | Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls |
| 48 | Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings) |
| 49 | Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings) |
| 50 | Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) |
| Sub-total - Pilot Program | |

| Other | |
|-------------------|------------------------------------------|
| 51 | Adjustments to 2015 CFF Verified Results |
| 52 | Adjustments to 2016 CFF Verified Results |
| 53 | Adjustments to 2017 CFF Verified Results |
| 54 | Adjustments to 2018 CFF Verified Results |
| 55 | Adjustments to 2019 CFF Verified Results |
| Sub-total - Other | |

Sub-total - 2015-2020 Conservation First Framework

Total

| | Participation | | | | | | | | | | | | | | | | | | | | |
|-----------------|--------------------------------|------|------|------|------|------|-------|---------------------|------|------|------|------|---------------------------|-------|------|------|------|------|------|------|-------|
| Unit of Measure | CDM Plan Forecast Reported (#) | | | | | | | Actual Verified (#) | | | | | Progress vs. CDM Plan (%) | | | | | | | | |
| | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|--------|--|--|--|--|--|--------|--|--------|--|--|--|--|--|--------|------|--|--|--|--|--|------|
| Measures | 42,735 | | | | | | 42,735 | | 24,824 | | | | | | 24,824 | 58% | | | | | | 58% |
| Measures | 0 | | | | | | 0 | | 68,117 | | | | | | 68,117 | | | | | | | |
| Appliances | 139 | | | | | | 139 | | 198 | | | | | | 198 | 142% | | | | | | 142% |
| Equipment | 2,832 | | | | | | 2,832 | | 2,989 | | | | | | 2,989 | 106% | | | | | | 106% |
| Homes | 0 | | | | | | 0 | | 140 | | | | | | 140 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|-----------|-------|--|--|--|--|--|-------|--|-------|--|--|--|--|--|-------|------|--|--|--|--|--|------|
| Audits | 11 | | | | | | 11 | | 7 | | | | | | 7 | 64% | | | | | | 64% |
| Projects | 322 | | | | | | 322 | | 541 | | | | | | 541 | 168% | | | | | | 168% |
| Projects | 1,176 | | | | | | 1,176 | | 1,870 | | | | | | 1,870 | 159% | | | | | | 159% |
| Buildings | 65 | | | | | | 65 | | 3 | | | | | | 3 | 5% | | | | | | 5% |
| Buildings | 1 | | | | | | 1 | | 6 | | | | | | 6 | 600% | | | | | | 600% |
| | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|----------|---|--|--|--|--|--|---|--|----|--|--|--|--|--|----|-------|--|--|--|--|--|-------|
| Projects | 2 | | | | | | 2 | | 2 | | | | | | 2 | 100% | | | | | | 100% |
| Audits | 0 | | | | | | 0 | | 0 | | | | | | 0 | | | | | | | |
| Projects | 1 | | | | | | 1 | | 32 | | | | | | 32 | 3200% | | | | | | 3200% |
| | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|-------|-----|--|--|--|--|--|-----|--|-----|--|--|--|--|--|-----|-----|--|--|--|--|--|-----|
| Homes | 321 | | | | | | 321 | | 236 | | | | | | 236 | 74% | | | | | | 74% |
| | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|--|--|--|--|--|---|--------|--|--|--|--|--|--|--------|--|--|--|--|--|--|--|
| Projects | 0 | | | | | | 0 | 0 | | | | | | | 0 | | | | | | | |
| Participants | 0 | | | | | | 0 | 42,335 | | | | | | | 42,335 | | | | | | | |
| Projects | 0 | | | | | | 0 | 0 | | | | | | | 0 | | | | | | | |
| Projects | 0 | | | | | | 0 | 0 | | | | | | | 0 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |

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|----------|-----|--|--|--|--|--|---|--|---|--|--|--|--|--|---|--|--|--|--|--|--|--|
| Homes | 0 | | | | | | 0 | | 0 | | | | | | 0 | | | | | | | |
| Projects | n/a | | | | | | 0 | | 1 | | | | | | 1 | | | | | | | |
| | n/a | | | | | | 0 | | 0 | | | | | | 0 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |

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|-----------|--------|---------|---------|---------|---------|---------|---------|--|---------|--|--|--|--|--|---------|------|--|--|--|--|--|-----|
| Measures | 40,990 | 134,629 | 134,629 | 134,629 | 134,629 | 134,629 | 714,135 | | 148,559 | | | | | | 148,559 | 362% | | | | | | 21% |
| Equipment | 1,446 | 3,950 | 3,950 | 0 | 0 | 0 | 9,346 | | 3,066 | | | | | | 3,066 | 212% | | | | | | 33% |
| Homes | 44 | 180 | 0 | 0 | 0 | 0 | 224 | | 0 | | | | | | 0 | 0% | | | | | | 0% |
| Homes | 0 | 350 | 350 | 175 | 175 | 175 | 1,225 | | 0 | | | | | | 0 | | | | | | | 0% |
| | | | | | | | | | | | | | | | | | | | | | | |

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|-----------|----|-------|-------|-------|-------|-----|--------|----|--|--|--|--|--|--|--|--|--|--|--|------|--|----|
| Audits | 0 | 10 | 10 | 10 | 10 | 10 | 50 | 0 | | | | | | | | | | | | | | 0% |
| Projects | 71 | 4,294 | 5,111 | 4,215 | 3,000 | 601 | 17,292 | 80 | | | | | | | | | | | | 113% | | 0% |
| Projects | 0 | 857 | 1,728 | 1,571 | 0 | 0 | 4,156 | 0 | | | | | | | | | | | | | | 0% |
| Buildings | 0 | 5 | 5 | 5 | 5 | 5 | 25 | 0 | | | | | | | | | | | | | | 0% |
| Buildings | 0 | 2 | 2 | 2 | 2 | 2 | 10 | 0 | | | | | | | | | | | | | | 0% |
| Projects | 0 | 27 | 21 | 16 | 13 | 0 | 77 | 0 | | | | | | | | | | | | | | 0% |
| Audits | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | | 0% |
| Projects | 0 | 6 | 8 | 10 | 9 | 8 | 41 | 0 | | | | | | | | | | | | | | 0% |
| | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|--------|--------|--------|---------|---------|---------|--|-----|--|--|--|--|--|---|-----|--|--|--|--|--|----|
| Projects | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | n/a | | | | | | 0 | n/a | | | | | | |
| Projects | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | n/a | | | | | | 0 | n/a | | | | | | |
| Participants | 0 | 49,125 | 49,125 | 49,125 | 147,750 | 144,056 | 439,181 | | n/a | | | | | | 0 | n/a | | | | | | 0% |
| | | | | | | | | | | | | | | | | | | | | | | |

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|--------------|--|--|--|--|--|--|--|--|-----|--|--|--|--|--|---|--|--|--|--|--|--|--|
| Projects | | | | | | | | | n/a | | | | | | 0 | | | | | | | |
| Projects | | | | | | | | | n/a | | | | | | 0 | | | | | | | |
| Projects | | | | | | | | | n/a | | | | | | 0 | | | | | | | |
| Projects | | | | | | | | | n/a | | | | | | 0 | | | | | | | |
| Participants | | | | | | | | | n/a | | | | | | 0 | | | | | | | |
| Projects | | | | | | | | | n/a | | | | | | 0 | | | | | | | |
| Homes | | | | | | | | | n/a | | | | | | 0 | | | | | | | |
| Projects | | | | | | | | | n/a | | | | | | 0 | | | | | | | |
| Projects | | | | | | | | | n/a | | | | | | 0 | | | | | | | |
| Projects | | | | | | | | | n/a | | | | | | 0 | | | | | | | |
| Projects | | | | | | | | | n/a | | | | | | 0 | | | | | | | |
| Projects | | | | | | | | | n/a | | | | | | 0 | | | | | | | |
| Projects | | | | | | | | | n/a | | | | | | 0 | | | | | | | |
| Projects | | | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | | | 0 | | | | | | 0 | | | | | | | |

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| | | | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | | | n/a | | | | | | 0 | | | | | | | |
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|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

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Participation

| # | Programs |
|---|----------|
|---|----------|

| Residential Program |
|----------------------------------------------------------------|
| 1 Coupon Initiative |
| 2 Bi-Annual Retailer Event Initiative |
| 3 Appliance Retirement Initiative |
| 4 HVAC Incentives Initiative |
| 5 Residential New Construction and Major Renovation Initiative |
| Sub-total - Residential Program |

| | |
|-----------------------------------------------------------|--------------------------------------------------------|
| 6 | Energy Audit Initiative |
| 7 | Efficiency: Equipment Replacement Incentive Initiative |
| 8 | Direct Install Lighting and Water Heating Initiative |
| 9 | New Construction and Major Renovation Initiative |
| 10 | Existing Building Commissioning Incentive Initiative |
| Sub-total - Commercial & Institutional Program | |

| | |
|---------------------------------------|--------------------------------------------------------------------------------|
| 11 | Process and Systems Upgrades Initiatives - Project Incentive Initiative |
| 12 | Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative |
| 13 | Process and Systems Upgrades Initiatives - Energy Manager Initiative |
| Sub-total - Industrial Program | |

| | | |
|---------------------------------------|-----------------------|--|
| 14 | Low Income Initiative | |
| Sub-total - Low-Income Program | | |

| | |
|----------------------------------|-----------------------------------|
| 15 | Loblaws Pilot |
| 16 | Social Benchmarking Pilot |
| 17 | Conservation Fund Pilot - SEG |
| 18 | Conservation Fund Pilot - EnerNOC |
| Sub-total - Pilot Program | |

| | |
|--------------------------|-------------------------------------------------------|
| 19 | Aboriginal Conservation Program |
| 20 | Program Enabled Savings |
| 21 | Adjustments to 2015 Legacy Framework Verified Results |
| Sub-total - Other | |

| Residential Province-Wide Program | |
|------------------------------------------------------|--------------------------------------------|
| 22 | Save on Energy Coupon Program |
| 23 | Save on Energy Heating and Cooling Program |
| 24 | Save on Energy New Construction Program |
| 25 | Save on Energy Home Assistance Program |
| Sub-total - Residential Province-Wide Program | |

| | |
|---------------------------------------------------|----------------------------------------------------------|
| 26 | Save on Energy Audit Funding Program |
| 27 | Save on Energy Retrofit Program |
| 28 | Save on Energy Small Business Lighting Program |
| 29 | Save on Energy High Performance New Construction Program |
| 30 | Save on Energy Existing Building Commissioning Program |
| 31 | Save on Energy Process & Systems Upgrade Program |
| 32 | Save on Energy Monitoring & Targeting Program |
| 33 | Save on Energy Energy Manager Program |
| Sub-total - Business Province-Wide Program | |

| | |
|-------------------------------------------------|-----------------------------------------|
| 34 | Business Refrigeration Local Program |
| 35 | First Nation Conservation Local Program |
| 36 | Social Benchmarking Local Program |
| Sub-total - Local & Regional Program | |

| | |
|----------------------------------|------------------------------------------------------------------------------------------|
| 37 | Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - C |
| 38 | EnWIn Utilities Ltd. - Building Optimization Pilot |
| 39 | EnWIn Utilities Ltd. - Re-Invest Pilot |
| 40 | Horizon Utilities Corporation - ECM Furnace Motor Pilot |
| 41 | Horizon Utilities Corporation - Social Benchmarking Pilot |
| 42 | Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil |
| 43 | Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot |
| 44 | Kitchener-Wilmot Hydro Inc. - Pilot - DCKV |
| 45 | Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agric |
| 46 | Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic |
| 47 | Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls |
| 48 | Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings) |
| 49 | Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings) |
| 50 | Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) |
| Sub-total - Pilot Program | |

| | |
|--------------------------|------------------------------------------|
| 51 | Adjustments to 2015 CFF Verified Results |
| 52 | Adjustments to 2016 CFF Verified Results |
| 53 | Adjustments to 2017 CFF Verified Results |
| 54 | Adjustments to 2018 CFF Verified Results |
| 55 | Adjustments to 2019 CFF Verified Results |
| Sub-total - Other | |

| Progress Towards Net 2020 Annual Energy Savings Target - (Contribution by Year) | | | | | | | | | | | | | | |
|---------------------------------------------------------------------------------|------------|------------|------------|------------|------------|-------------|-----------------------|------|------|------|------|------------------------|-------------------------|------|
| CDM Plan Forecast Reported (kWh) | | | | | | | Actual Verified (kWh) | | | | | Allocated Target (kWh) | Progress vs. Target (%) | |
| 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total | 2015 | 2016 | 2017 | 2018 | 2019 | | | 2020 |
| 386,656 | | | | | | 386,656 | 580,190 | | | | | | 580,190 | |
| 972,357 | | | | | | 972,357 | 1,328,446 | | | | | | 1,328,446 | |
| 0 | | | | | | 0 | 0 | | | | | | 0 | |
| 894,461 | | | | | | 894,461 | 1,477,035 | | | | | | 1,477,035 | |
| 0 | | | | | | 0 | 219,469 | | | | | | 219,469 | |
| 2,253,474 | | | | | | 2,253,474 | 3,605,140 | | | | | | 3,605,140 | |
| 0 | | | | | | 0 | 0 | | | | | | 0 | |
| 22,822,068 | | | | | | 22,822,068 | 25,676,804 | | | | | | 25,676,804 | |
| 4,236,567 | | | | | | 4,236,567 | 3,146,287 | | | | | | 3,146,287 | |
| 311,350 | | | | | | 311,350 | 58,323 | | | | | | 58,323 | |
| 7,619 | | | | | | 7,619 | 0 | | | | | | 0 | |
| 27,377,604 | | | | | | 27,377,604 | 28,881,414 | | | | | | 28,881,414 | |
| 29,583,999 | | | | | | 29,583,999 | 29,092,220 | | | | | | 29,092,220 | |
| 0 | | | | | | 0 | 0 | | | | | | 0 | |
| 636,508 | | | | | | 636,508 | 1,320,160 | | | | | | 1,320,160 | |
| 30,220,507 | | | | | | 30,220,507 | 30,412,380 | | | | | | 30,412,380 | |
| 251,477 | | | | | | 251,477 | 169,475 | | | | | | 169,475 | |
| 251,477 | | | | | | 251,477 | 169,475 | | | | | | 169,475 | |
| 0 | | | | | | 0 | 0 | | | | | | 0 | |
| 0 | | | | | | 0 | 0 | | | | | | 0 | |
| 0 | | | | | | 0 | 0 | | | | | | 0 | |
| 0 | | | | | | 0 | 0 | | | | | | 0 | |
| 0 | | | | | | 0 | 0 | | | | | | 0 | |
| 0 | | | | | | 0 | 0 | | | | | | 0 | |
| 0 | | | | | | 0 | 0 | | | | | | 0 | |
| n/a | | | | | | 0 | 0 | | | | | | 0 | |
| n/a | | | | | | 0 | 417,923 | | | | | | 417,923 | |
| 0 | | | | | | 0 | 0 | | | | | | 0 | |
| 0 | | | | | | 0 | 417,923 | | | | | | 417,923 | |
| 60,103,062 | | | | | | 60,103,062 | 63,486,332 | | | | | | 63,486,332 | |
| 1,308,579 | 3,096,467 | 3,096,467 | 3,096,467 | 3,096,467 | 3,096,467 | 16,790,914 | 3,879,729 | | | | | | 3,879,729 | |
| 456,822 | 1,463,326 | 1,463,326 | 0 | 0 | 0 | 3,383,474 | 1,587,453 | | | | | | 1,587,453 | |
| 80,248 | 331,059 | 0 | 0 | 0 | 0 | 411,307 | 0 | | | | | | 0 | |
| 0 | 270,729 | 270,729 | 135,364 | 135,364 | 135,364 | 947,550 | 0 | | | | | | 0 | |
| 1,845,649 | 5,161,581 | 4,830,522 | 3,231,831 | 3,231,831 | 3,231,831 | 21,533,245 | 5,467,182 | | | | | | 5,467,182 | |
| 0 | 0 | 758,535 | 758,535 | 758,535 | 758,535 | 3,034,140 | 0 | | | | | | 0 | |
| 3,066,131 | 28,395,176 | 28,458,819 | 24,084,228 | 23,787,426 | 22,815,476 | 130,607,256 | 1,882,176 | | | | | | 1,882,176 | |
| 0 | 3,537,219 | 7,069,380 | 6,200,593 | 0 | 0 | 16,807,192 | 0 | | | | | | 0 | |
| 0 | 285,000 | 285,000 | 285,000 | 285,000 | 285,000 | 1,425,000 | 0 | | | | | | 0 | |
| 0 | 180,000 | 180,000 | 180,000 | 180,000 | 180,000 | 900,000 | 0 | | | | | | 0 | |
| 0 | 6,195,588 | 16,532,998 | 57,781,733 | 9,588,545 | 0 | 90,098,864 | 0 | | | | | | 0 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | 0 | |
| 0 | 448,587 | 998,586 | 1,499,055 | 1,498,585 | 1,599,997 | 6,044,810 | 0 | | | | | | 0 | |
| 3,066,131 | 39,041,570 | 54,283,318 | 90,789,144 | 36,098,091 | 25,639,008 | 248,917,262 | 1,882,176 | | | | | | 1,882,176 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | n/a | | | | | | 0 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | n/a | | | | | | 0 | |
| 0 | 0 | 0 | 0 | 0 | 12,656,328 | 12,656,328 | n/a | | | | | | 0 | |
| 0 | 0 | 0 | 0 | 0 | 12,656,328 | 12,656,328 | 0 | | | | | | 0 | |
| | | | | | | | n/a | | | | | | 0 | |
| | | | | | | | n/a | | | | | | 0 | |
| | | | | | | | n/a | | | | | | 0 | |
| | | | | | | | n/a | | | | | | 0 | |
| | | | | | | | n/a | | | | | | 0 | |
| | | | | | | | n/a | | | | | | 0 | |
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| | | | | | | | n/a | | | | | | 0 | |
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| | | | | | | | n/a | | | | | | 0 | |
| | | | | | | | n/a | | | | | | 0 | |
| | | | | | | | n/a | | | | | | 0 | |
| | | | | | | | n/a | | | | | | 0 | |
| | | | | | | | n/a | | | | | | 0 | |
| | | | | | | | n/a | | | | | | 0 | |
| | | | | | | | n/a | | | | | | 0 | |
| | </ | | | | | | | | | | | | | |

Progress Towards 2020 Net Annual Energy Savings Target >

| | |
|---|----------|
| # | Programs |
|---|----------|

| Residential Program |
|----------------------------------------------------------------|
| 1 Coupon Initiative |
| 2 Bi-Annual Retailer Event Initiative |
| 3 Appliance Retirement Initiative |
| 4 HVAC Incentives Initiative |
| 5 Residential New Construction and Major Renovation Initiative |
| Sub-total - Residential Program |

| | |
|-----------------------------------------------------------|--------------------------------------------------------|
| 6 | Energy Audit Initiative |
| 7 | Efficiency: Equipment Replacement Incentive Initiative |
| 8 | Direct Install Lighting and Water Heating Initiative |
| 9 | New Construction and Major Renovation Initiative |
| 10 | Existing Building Commissioning Incentive Initiative |
| Sub-total - Commercial & Institutional Program | |

| | |
|---------------------------------------|--------------------------------------------------------------------------------|
| 11 | Process and Systems Upgrades Initiatives - Project Incentive Initiative |
| 12 | Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative |
| 13 | Process and Systems Upgrades Initiatives - Energy Manager Initiative |
| Sub-total - Industrial Program | |

| | |
|---------------------------------------|-----------------------|
| 14 | Low Income Initiative |
| Sub-total - Low-Income Program | |

| | |
|----------------------------------|-----------------------------------|
| 15 | Loblaws Pilot |
| 16 | Social Benchmarking Pilot |
| 17 | Conservation Fund Pilot - SEG |
| 18 | Conservation Fund Pilot - EnerNOC |
| Sub-total - Pilot Program | |

| | |
|--------------------------|-------------------------------------------------------|
| 19 | Aboriginal Conservation Program |
| 20 | Program Enabled Savings |
| 21 | Adjustments to 2015 Legacy Framework Verified Results |
| Sub-total - Other | |

| Residential Province-Wide Program | |
|------------------------------------------------------|--------------------------------------------|
| 22 | Save on Energy Coupon Program |
| 23 | Save on Energy Heating and Cooling Program |
| 24 | Save on Energy New Construction Program |
| 25 | Save on Energy Home Assistance Program |
| Sub-total - Residential Province-Wide Program | |

| | |
|---------------------------------------------------|----------------------------------------------------------|
| 26 | Save on Energy Audit Funding Program |
| 27 | Save on Energy Retrofit Program |
| 28 | Save on Energy Small Business Lighting Program |
| 29 | Save on Energy High Performance New Construction Program |
| 30 | Save on Energy Existing Building Performance Program |
| 31 | Save on Energy Process & Systems Upgrades Program |
| 32 | Save on Energy Monitoring & Targeting Program |
| 33 | Save on Energy Energy Manager Program |
| Sub-total - Business Province-Wide Program | |

| | |
|-------------------------------------------------|-----------------------------------------|
| 34 | Business Refrigeration Local Program |
| 35 | First Nation Conservation Local Program |
| 36 | Social Benchmarking Local Program |
| Sub-total - Local & Regional Program | |

| | |
|----------------------------------|------------------------------------------------------------------------------------------|
| 37 | Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - C |
| 38 | EnWin Utilities Ltd. - Building Optimization Pilot |
| 39 | EnWin Utilities Ltd. - Re-Invest Pilot |
| 40 | Horizon Utilities Corporation - ECM Furnace Motor Pilot |
| 41 | Horizon Utilities Corporation - Social Benchmarking Pilot |
| 42 | Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil |
| 43 | Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot |
| 44 | Kitchener-Wilmot Hydro Inc. - Pilot - DCKV |
| 45 | Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agric |
| 46 | Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic |
| 47 | Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls |
| 48 | Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings) |
| 49 | Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings) |
| 50 | Toronto Hydro-Electric System Limited - PPF - Large (Pilot Savings) |
| Sub-total - Pilot Program | |

| | |
|--------------------------|------------------------------------------|
| 51 | Adjustments to 2015 CFF Verified Results |
| 52 | Adjustments to 2016 CFF Verified Results |
| 53 | Adjustments to 2017 CFF Verified Results |
| 54 | Adjustments to 2018 CFF Verified Results |
| 55 | Adjustments to 2019 CFF Verified Results |
| Sub-total - Other | |

| Net Incremental First Year Energy Savings | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------------|------------|------------|------------|------------|------------|-------------|-----------------------|------|------|------|------|------|---------------------------------------------|-------|------|------|------|------|------|-------|
| CDM Plan Forecast Reported (kWh) | | | | | | | Actual Verified (kWh) | | | | | | Annual Cumulative Progress vs. CDM Plan (%) | | | | | | | |
| 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total |
| 386,656 | | | | | | 386,656 | 585,232 | | | | | | 585,232 | 151% | | | | | | 151% |
| 972,357 | | | | | | 972,357 | 1,375,807 | | | | | | 1,375,807 | 141% | | | | | | 141% |
| 57,396 | | | | | | 57,396 | 86,849 | | | | | | 86,849 | 151% | | | | | | 151% |
| 894,461 | | | | | | 894,461 | 1,477,035 | | | | | | 1,477,035 | 165% | | | | | | 165% |
| 0 | | | | | | 0 | 219,469 | | | | | | 219,469 | | | | | | | |
| 2,310,870 | | | | | | 2,310,870 | 3,744,392 | | | | | | 3,744,392 | 162% | | | | | | 162% |
| | | | | | | | | | | | | | | | | | | | | |
| 848,552 | | | | | | 848,552 | 499,499 | | | | | | 499,499 | 59% | | | | | | 59% |
| 22,822,068 | | | | | | 22,822,068 | 25,824,643 | | | | | | 25,824,643 | 113% | | | | | | 113% |
| 4,236,567 | | | | | | 4,236,567 | 4,901,161 | | | | | | 4,901,161 | 116% | | | | | | 116% |
| 311,350 | | | | | | 311,350 | 58,323 | | | | | | 58,323 | 19% | | | | | | 19% |
| 7,619 | | | | | | 7,619 | 596,676 | | | | | | 596,676 | 7831% | | | | | | 7831% |
| 28,226,156 | | | | | | 28,226,156 | 31,880,302 | | | | | | 31,880,302 | 113% | | | | | | 113% |
| | | | | | | | | | | | | | | | | | | | | |
| 29,583,999 | | | | | | 29,583,999 | 29,092,220 | | | | | | 29,092,220 | 98% | | | | | | 98% |
| 0 | | | | | | 0 | 0 | | | | | | 0 | | | | | | | |
| 636,508 | | | | | | 636,508 | 1,382,502 | | | | | | 1,382,502 | 217% | | | | | | 217% |
| 30,220,507 | | | | | | 30,220,507 | 30,474,722 | | | | | | 30,474,722 | 101% | | | | | | 101% |
| | | | | | | | | | | | | | | | | | | | | |
| 251,477 | | | | | | 251,477 | 237,547 | | | | | | 237,547 | 94% | | | | | | 94% |
| 251,477 | | | | | | 251,477 | 237,547 | | | | | | 237,547 | 94% | | | | | | 94% |
| | | | | | | | | | | | | | | | | | | | | |
| 0 | | | | | | 0 | 0 | | | | | | 0 | | | | | | | |
| 0 | | | | | | 0 | 2,978,654 | | | | | | 2,978,654 | | | | | | | |
| 0 | | | | | | 0 | 0 | | | | | | 0 | | | | | | | |
| 0 | | | | | | 0 | 0 | | | | | | 0 | | | | | | | |
| 0 | | | | | | 0 | 0 | | | | | | 0 | | | | | | | |
| 0 | | | | | | 0 | 2,978,654 | | | | | | 2,978,654 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 0 | | | | | | 0 | 0 | | | | | | 0 | | | | | | | |
| n/a | | | | | | 0 | 417,923 | | | | | | 417,923 | | | | | | | |
| n/a | | | | | | 0 | 0 | | | | | | 0 | | | | | | | |
| 0 | | | | | | 0 | 417,923 | | | | | | 417,923 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 61,009,010 | | | | | | 61,009,010 | 69,733,540 | | | | | | 69,733,540 | 114% | | | | | | 114% |
| | | | | | | | | | | | | | | | | | | | | |
| 1,308,579 | 3,096,467 | 3,096,467 | 3,096,467 | 3,096,467 | 3,096,467 | 16,790,914 | 3,913,143 | | | | | | 3,913,143 | 299% | | | | | | 23% |
| 456,822 | 1,463,326 | 1,463,326 | 0 | 0 | 0 | 3,383,474 | 1,587,453 | | | | | | 1,587,453 | 347% | | | | | | 47% |
| 80,248 | 331,059 | 0 | 0 | 0 | 0 | 411,307 | 0 | | | | | | 0 | 0% | | | | | | 0% |
| 0 | 270,729 | 270,729 | 135,364 | 135,364 | 135,364 | 947,550 | 0 | | | | | | 0 | 0% | | | | | | 0% |
| 1,845,649 | 5,161,581 | 4,830,522 | 3,231,831 | 3,231,831 | 3,231,831 | 21,533,245 | 5,500,596 | | | | | | 5,500,596 | 298% | | | | | | 26% |
| | | | | | | | | | | | | | | | | | | | | |
| 0 | 758,535 | 758,535 | 758,535 | 758,535 | 758,535 | 3,792,675 | 0 | | | | | | 0 | 0% | | | | | | 0% |
| 3,066,131 | 28,395,176 | 28,458,819 | 24,084,228 | 23,787,426 | 22,815,476 | 130,607,256 | 1,883,044 | | | | | | 1,883,044 | 61% | | | | | | 1% |
| 0 | 3,537,219 | 7,069,380 | 6,200,593 | 0 | 0 | 16,807,192 | 0 | | | | | | 0 | 0% | | | | | | 0% |
| 0 | 285,000 | 285,000 | 285,000 | 285,000 | 285,000 | 1,425,000 | 0 | | | | | | 0 | 0% | | | | | | 0% |
| 0 | 180,000 | 180,000 | 180,000 | 180,000 | 180,000 | 900,000 | 0 | | | | | | 0 | 0% | | | | | | 0% |
| 0 | 6,195,588 | 16,532,998 | 57,781,733 | 9,588,545 | 0 | 90,098,864 | 0 | | | | | | 0 | 0% | | | | | | 0% |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | 0 | 0% | | | | | | 0% |
| 0 | 448,587 | 998,586 | 1,499,055 | 1,498,585 | 1,599,997 | 6,044,810 | 0 | | | | | | 0 | 0% | | | | | | 0% |
| 3,066,131 | 39,800,105 | 54,283,318 | 90,789,144 | 36,098,091 | 25,639,008 | 249,675,797 | 1,883,044 | | | | | | 1,883,044 | 61% | | | | | | 1% |
| | | | | | | | | | | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | n/a | | | | | | 0 | n/a | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | n/a | | | | | | 0 | n/a | | | | | | |
| 0 | 4,315,975 | 4,315,975 | 4,315,975 | 12,980,872 | 12,656,328 | 38,585,125 | n/a | | | | | | 0 | n/a | | | | | | 0% |
| 0 | 4,315,975 | 4,315,975 | 4,315,975 | 12,980,872 | 12,656,328 | 38,585,125 | 0 | | | | | | 0 | | | | | | | 0% |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | 0 | | | | | | 0 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 4,911,780 | 49,277,661 | 63,429,815 | 98,336,950 | 52,310,794 | 41,527,167 | 309,794,167 | 7,383,640 | | | | | | 7,383,640 | 150% | | | | | | 2% |
| | | | | | | | | | | | | | | | | | | | | |
| 65,920,790 | 49,277,661 | 63,429,815 | 98,336,950 | 52,310,794 | 41,527,167 | 370,803,177 | 77,117,180 | | | | | | 77,117,180 | 117% | | | | | | 21% |

Horizon Utilities Corporation Progress

| # | Programs |
|---|----------|
| | |

2011-2014+2015 Extension Legacy Framework Programs

| | |
|----------------------------------------|--------------------------------------------------------------|
| Residential Program | |
| 1 | Coupon Initiative |
| 2 | Bi-Annual Retailer Event Initiative |
| 3 | Appliance Retirement Initiative |
| 4 | HVAC Incentives Initiative |
| 5 | Residential New Construction and Major Renovation Initiative |
| Sub-total - Residential Program | |

| | |
|-----------------------------------------------------------|--------------------------------------------------------|
| Commercial & Institutional Program | |
| 6 | Energy Audit Initiative |
| 7 | Efficiency: Equipment Replacement Incentive Initiative |
| 8 | Direct Install Lighting and Water Heating Initiative |
| 9 | New Construction and Major Renovation Initiative |
| 10 | Existing Building Commissioning Incentive Initiative |
| Sub-total - Commercial & Institutional Program | |

| | |
|---------------------------------------|--------------------------------------------------------------------------------|
| Industrial Program | |
| 11 | Process and Systems Upgrades Initiatives - Project Incentive Initiative |
| 12 | Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative |
| 13 | Process and Systems Upgrades Initiatives - Energy Manager Initiative |
| Sub-total - Industrial Program | |

| | |
|---------------------------------------|-----------------------|
| Low Income Program | |
| 14 | Low Income Initiative |
| Sub-total - Low-Income Program | |

| | |
|----------------------------------|-----------------------------------|
| Pilot Program | |
| 15 | Loblaws Pilot |
| 16 | Social Benchmarking Pilot |
| 17 | Conservation Fund Pilot - SEG |
| 18 | Conservation Fund Pilot - EnerNOC |
| Sub-total - Pilot Program | |

| | |
|--------------------------|-------------------------------------------------------|
| Other | |
| 19 | Aboriginal Conservation Program |
| 20 | Program Enabled Savings |
| 21 | Adjustments to 2015 Legacy Framework Verified Results |
| Sub-total - Other | |

| | |
|--------------------------------------------------------------|--|
| Sub-total - 2011-2014+2015 Extension Legacy Framework | |
|--------------------------------------------------------------|--|

2015-2020 Conservation First Framework Programs

| | |
|------------------------------------------------------|--------------------------------------------|
| Residential Province-Wide Program | |
| 22 | Save on Energy Coupon Program |
| 23 | Save on Energy Heating and Cooling Program |
| 24 | Save on Energy New Construction Program |
| 25 | Save on Energy Home Assistance Program |
| Sub-total - Residential Province-Wide Program | |

| | |
|---------------------------------------------------|----------------------------------------------------------|
| Business Province-Wide Program | |
| 26 | Save on Energy Audit Funding Program |
| 27 | Save on Energy Retrofit Program |
| 28 | Save on Energy Small Business Lighting Program |
| 29 | Save on Energy High Performance New Construction Program |
| 30 | Save on Energy Existing Building Commissioning Program |
| 31 | Save on Energy Process & Systems Upgrades Program |
| 32 | Save on Energy Monitoring & Targeting Program |
| 33 | Save on Energy Energy Manager Program |
| Sub-total - Business Province-Wide Program | |

| | |
|-------------------------------------------------|-----------------------------------------|
| Local & Regional Program | |
| 34 | Business Refrigeration Local Program |
| 35 | First Nation Conservation Local Program |
| 36 | Social Benchmarking Local Program |
| Sub-total - Local & Regional Program | |

| | |
|----------------------------------|------------------------------------------------------------------------------------------|
| Pilot Program | |
| 37 | Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - O |
| 38 | EnWin Utilities Ltd. - Building Optimization Pilot |
| 39 | EnWin Utilities Ltd. - Re-Invest Pilot |
| 40 | Horizon Utilities Corporation - ECM Furnace Motor Pilot |
| 41 | Horizon Utilities Corporation - Social Benchmarking Pilot |
| 42 | Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil |
| 43 | Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot |
| 44 | Kitchener-Willmot Hydro Inc. - Pilot - DCKV |
| 45 | Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agric |
| 46 | Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic |
| 47 | Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls |
| 48 | Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings) |
| 49 | Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings) |
| 50 | Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) |
| Sub-total - Pilot Program | |

| | |
|--------------------------|------------------------------------------|
| Other | |
| 51 | Adjustments to 2015 CFF Verified Results |
| 52 | Adjustments to 2016 CFF Verified Results |
| 53 | Adjustments to 2017 CFF Verified Results |
| 54 | Adjustments to 2018 CFF Verified Results |
| 55 | Adjustments to 2019 CFF Verified Results |
| Sub-total - Other | |

| | |
|-----------------------------------------------------------|--|
| Sub-total - 2015-2020 Conservation First Framework | |
|-----------------------------------------------------------|--|

| | |
|--------------|--|
| Total | |
|--------------|--|

| Net Incremental First Year Peak Demand Savings | | | | | | | | | | | | | | | | | | | | |
|------------------------------------------------|-------|-------|--------|-------|-------|--------|----------------------|------|------|------|------|---------------------------|-------|-------|------|------|------|------|------|-------|
| CDM Plan Forecast Reported (kW) | | | | | | | Actual Verified (kW) | | | | | Progress vs. CDM Plan (%) | | | | | | | | |
| 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total |
| 26 | | | | | | 26 | 38 | | | | | | 38 | 146% | | | | | | 146% |
| 68 | | | | | | 68 | 102 | | | | | | 102 | 150% | | | | | | 150% |
| 56 | | | | | | 56 | 13 | | | | | | 13 | 23% | | | | | | 23% |
| 901 | | | | | | 901 | 783 | | | | | | 783 | 87% | | | | | | 87% |
| 0 | | | | | | 0 | 62 | | | | | | 62 | | | | | | | |
| 1,051 | | | | | | 1,051 | 998 | | | | | | 998 | 95% | | | | | | 95% |
| | | | | | | | | | | | | | | | | | | | | |
| 148 | | | | | | 148 | 106 | | | | | | 106 | 72% | | | | | | 72% |
| 2,552 | | | | | | 2,552 | 2,370 | | | | | | 2,370 | 93% | | | | | | 93% |
| 1,232 | | | | | | 1,232 | 1,178 | | | | | | 1,178 | 96% | | | | | | 96% |
| 89 | | | | | | 89 | 39 | | | | | | 39 | 44% | | | | | | 44% |
| 5 | | | | | | 5 | 250 | | | | | | 250 | 5000% | | | | | | 5000% |
| 4,026 | | | | | | 4,026 | 3,943 | | | | | | 3,943 | 98% | | | | | | 98% |
| | | | | | | | | | | | | | | | | | | | | |
| 3,377 | | | | | | 3,377 | 3,348 | | | | | | 3,348 | 99% | | | | | | 99% |
| 0 | | | | | | 0 | 0 | | | | | | 0 | | | | | | | |
| 77 | | | | | | 77 | 116 | | | | | | 116 | 151% | | | | | | 151% |
| 3,454 | | | | | | 3,454 | 3,464 | | | | | | 3,464 | 100% | | | | | | 100% |
| | | | | | | | | | | | | | | | | | | | | |
| 292 | | | | | | 292 | 20 | | | | | | 20 | 7% | | | | | | 7% |
| 292 | | | | | | 292 | 20 | | | | | | 20 | 7% | | | | | | 7% |
| | | | | | | | | | | | | | | | | | | | | |
| 0 | | | | | | 0 | 0 | | | | | | 0 | | | | | | | |
| 0 | | | | | | 0 | 505 | | | | | | 505 | | | | | | | |
| 0 | | | | | | 0 | 0 | | | | | | 0 | | | | | | | |
| 0 | | | | | | 0 | 0 | | | | | | 0 | | | | | | | |
| 0 | | | | | | 0 | 505 | | | | | | 505 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 0 | | | | | | 0 | 0 | | | | | | 0 | | | | | | | |
| n/a | | | | | | 0 | 0 | | | | | | 0 | | | | | | | |
| n/a | | | | | | 0 | 0 | | | | | | 0 | | | | | | | |
| 0 | | | | | | 0 | 0 | | | | | | 0 | | | | | | | |
| 8,823 | | | | | | 8,823 | 8,930 | | | | | | 8,930 | 101% | | | | | | 101% |
| | | | | | | | | | | | | | | | | | | | | |
| 90 | 208 | 208 | 208 | 208 | 208 | 1,130 | 252 | | | | | | 252 | 280% | | | | | | 22% |
| 460 | 1,132 | 1,132 | 0 | 0 | 0 | 2,724 | 837 | | | | | | 837 | 182% | | | | | | 31% |
| 19 | 76 | 0 | 0 | 0 | 0 | 95 | 0 | | | | | | 0 | 0% | | | | | | 0% |
| 0 | 81 | 81 | 40 | 40 | 40 | 282 | 0 | | | | | | 0 | | | | | | | 0% |
| 569 | 1,497 | 1,421 | 248 | 248 | 248 | 4,231 | 1,089 | | | | | | 1,089 | 191% | | | | | | 26% |
| | | | | | | | | | | | | | | | | | | | | |
| 0 | 132 | 132 | 132 | 132 | 132 | 660 | 0 | | | | | | 0 | | | | | | | 0% |
| 537 | 4,777 | 4,941 | 4,098 | 4,073 | 4,057 | 22,483 | 260 | | | | | | 260 | 48% | | | | | | 1% |
| 0 | 502 | 1,004 | 881 | 0 | 0 | 2,387 | 0 | | | | | | 0 | | | | | | | 0% |
| 0 | 91 | 91 | 91 | 91 | 91 | 455 | 0 | | | | | | 0 | | | | | | | 0% |
| 0 | 117 | 117 | 117 | 117 | 117 | 585 | 0 | | | | | | 0 | | | | | | | 0% |
| 0 | 727 | 1,886 | 5,155 | 1,079 | 0 | 8,847 | 0 | | | | | | 0 | | | | | | | 0% |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | 0 | | | | | | | |
| 0 | 51 | 114 | 171 | 171 | 183 | 690 | 0 | | | | | | 0 | | | | | | | 0% |
| 537 | 6,397 | 8,285 | 10,645 | 5,663 | 4,580 | 36,107 | 260 | | | | | | 260 | 48% | | | | | | 1% |
| | | | | | | | | | | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | n/a | | | | | | 0 | n/a | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | n/a | | | | | | 0 | n/a | | | | | | |
| 0 | 493 | 493 | 493 | 1,482 | 1,445 | 4,406 | n/a | | | | | | 0 | n/a | | | | | | 0% |
| 0 | 493 | 493 | 493 | 1,482 | 1,445 | 4,406 | 0 | | | | | | 0 | | | | | | | 0% |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
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| | | | | | | | n/a | | | | | | 0 | | | | | | | |
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| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |

Net Incremental First Year Peak Demand Savings ^

| # | Programs |
|---|----------|
|---|----------|

| Residential Program |
|----------------------------------------------------------------|
| 1 Coupon Initiative |
| 2 Bi-Annual Retailer Event Initiative |
| 3 Appliance Retirement Initiative |
| 4 HVAC Incentives Initiative |
| 5 Residential New Construction and Major Renovation Initiative |
| Sub-total - Residential Program |

| | |
|-----------------------------------------------------------|--------------------------------------------------------|
| 6 | Energy Audit Initiative |
| 7 | Efficiency: Equipment Replacement Incentive Initiative |
| 8 | Direct Install Lighting and Water Heating Initiative |
| 9 | New Construction and Major Renovation Initiative |
| 10 | Existing Building Commissioning Incentive Initiative |
| Sub-total - Commercial & Institutional Program | |

| | |
|---------------------------------------|--------------------------------------------------------------------------------|
| 11 | Process and Systems Upgrades Initiatives - Project Incentive Initiative |
| 12 | Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative |
| 13 | Process and Systems Upgrades Initiatives - Energy Manager Initiative |
| Sub-total - Industrial Program | |

| | |
|---------------------------------------|-----------------------|
| 14 | Low Income Initiative |
| Sub-total - Low-Income Program | |

| | |
|----------------------------------|-----------------------------------|
| 15 | Loblaws Pilot |
| 16 | Social Benchmarking Pilot |
| 17 | Conservation Fund Pilot - SEG |
| 18 | Conservation Fund Pilot - EnerNOC |
| Sub-total - Pilot Program | |

| | |
|--------------------------|-------------------------------------------------------|
| 19 | Aboriginal Conservation Program |
| 20 | Program Enabled Savings |
| 21 | Adjustments to 2015 Legacy Framework Verified Results |
| Sub-total - Other | |

| Residential Province-Wide Program | |
|------------------------------------------------------|--------------------------------------------|
| 22 | Save on Energy Coupon Program |
| 23 | Save on Energy Heating and Cooling Program |
| 24 | Save on Energy New Construction Program |
| 25 | Save on Energy Home Assistance Program |
| Sub-total - Residential Province-Wide Program | |

| | |
|---------------------------------------------------|----------------------------------------------------------|
| 26 | Save on Energy Audit Funding Program |
| 27 | Save on Energy Retrofit Program |
| 28 | Save on Energy Small Business Lighting Program |
| 29 | Save on Energy High Performance New Construction Program |
| 30 | Save on Energy Existing Building Performance Program |
| 31 | Save on Energy Process & Systems Upgrades Program |
| 32 | Save on Energy Monitoring & Targeting Program |
| 33 | Save on Energy Energy Manager Program |
| Sub-total - Business Province-Wide Program | |

| | |
|-------------------------------------------------|-----------------------------------------|
| 34 | Business Refrigeration Local Program |
| 35 | First Nation Conservation Local Program |
| 36 | Social Benchmarking Local Program |
| Sub-total - Local & Regional Program | |

| | |
|----------------------------------|------------------------------------------------------------------------------------------|
| 37 | Ensource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - C |
| 38 | EnWin Utilities Ltd. - Building Optimization Pilot |
| 39 | EnWin Utilities Ltd. - Re-Invest Pilot |
| 40 | Horizon Utilities Corporation - ECM Furnace Motor Pilot |
| 41 | Horizon Utilities Corporation - Social Benchmarking Pilot |
| 42 | Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil |
| 43 | Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot |
| 44 | Kitchener-Wilmot Hydro Inc. - Pilot - DCKV |
| 45 | Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agric |
| 46 | Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydrolic |
| 47 | Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls |
| 48 | Toronto Hydro-Electric System Limited - Direct Install - Hydrolic (Pilot Savings) |
| 49 | Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings) |
| 50 | Toronto Hydro-Electric System Limited - PPF - Large (Pilot Savings) |
| Sub-total - Pilot Program | |

| | |
|--------------------------|------------------------------------------|
| 51 | Adjustments to 2015 CFF Verified Results |
| 52 | Adjustments to 2016 CFF Verified Results |
| 53 | Adjustments to 2017 CFF Verified Results |
| 54 | Adjustments to 2018 CFF Verified Results |
| 55 | Adjustments to 2019 CFF Verified Results |
| Sub-total - Other | |

| | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 | 2101 | 2102 | 2103 | 2104 | 2105 | 2106 | 2107 | 2108 | 2109 | 2110 | 2111 | 2112 | 2113 | 2114 | 2115 | 2116 | 2117 | 2118 | 2119 | 2120 | 2121 | 2122 | 2123 | 2124 | 2125 | 2126 | 2127 | 2128 | 2129 | 2130 | 2131 | 2132 | 2133 | 2134 | 2135 | 2136 | 2137 | 2138 | 2139 | 2140 | 2141 | 2142 | 2143 | 2144 | 2145 | 2146 | 2147 | 2148 | 2149 | 2150 | 2151 | 2152 | 2153 | 2154 | 2155 | 2156 | 2157 | 2158 | 2159 | 2160 | 2161 | 2162 | 2163 | 2164 | 2165 | 2166 | 2167 | 2168 | 2169 | 2170 | 2171 | 2172 | 2173 | 2174 | 2175 | 2176 | 2177 | 2178 | 2179 | 2180 | 2181 | 2182 | 2183 | 2184 | 2185 | 2186 | 2187 | 2188 | 2189 | 2190 | 2191 | 2192 | 2193 | 2194 | 2195 | 2196 | 2197 | 2198 | 2199 | 2200 | 2201 | 2202 | 2203 | 2204 | 2205 | 2206 | 2207 | 2208 | 2209 | 2210 | 2211 | 2212 | 2213 | 2214 | 2215 | 2216 | 2217 | 2218 | 2219 | 2220 | 2221 | 2222 | 2223 | 2224 | 2225 | 2226 | 2227 | 2228 | 2229 | 2230 | 2231 | 2232 | 2233 | 2234 | 2235 | 2236 | 2237 | 2238 | 2239 | 2240 | 2241 | 2242 | 2243 | 2244 | 2245 | 2246 | 2247 | 2248 | 2249 | 2250 | 2251 | 2252 | 2253 | 2254 | 2255 | 2256 | 2257 | 2258 | 2259 | 2260 | 2261 | 2262 | 2263 | 2264 | 2265 | 2266 | 2267 | 2268 | 2269 | 2270 | 2271 | 2272 | 2273 | 2274 | 2275 | 2276 | 2277 | 2278 | 2279 | 2280 | 2281 | 2282 | 2283 | 2284 | 2285 | 2286 | 2287 | 2288 | 2289 | 2290 | 2291 | 2292 | 2293 | 2294 | 2295 | 2296 | 2297 | 2298 | 2299 | 2300 | 2301 | 2302 | 2303 | 2304 | 2305 | 2306 | 2307 | 2308 | 2309 | 2310 | 2311 | 2312 | 2313 | 2314 | 2315 | 2316 | 2317 | 2318 | 2319 | 2320 | 2321 | 2322 | 2323 | 2324 | 2325 | 2326 | 2327 | 2328 | 2329 | 2330 | 2331 | 2332 | 2333 | 2334 | 2335 | 2336 | 2337 | 2338 | 2339 | 2340 | 2341 | 2342 | 2343 | 2344 | 2345 | 2346 | 2347 | 2348 | 2349 | 2350 | 2351 | 2352 | 2353 | 2354 | 2355 | 2356 | 2357 | 2358 | 2359 | 2360 | 2361 | 2362 | 2363 | 2364 | 2365 | 2366 | 2367 | 2368 | 2369 | 2370 | 2371 | 2372 | 2373 | 2374 | 2375 | 2376 | 2377 | 2378 | 2379 | 2380 | 2381 | 2382 | 2383 | 2384 | 2385 | 2386 | 2387 | 2388 | 2389 | 2390 | 2391 | 2392 | 2393 | 2394 | 2395 | 2396 | 2397 | 2398 | 2399 | 2400 | 2401 | 2402 | 2403 | 2404 | 2405 | 2406 | 2407 | 2408 | 2409 | 2410 | 2411 | 2412 | 2413 | 2414 | 2415 | 2416 | 2417 | 2418 | 2419 | 2420 | 2421 | 2422 | 2423 | 2424 | 2425 | 2426 | 2427 | 2428 | 2429 | 2430 | 2431 | 2432 | 2433 | 2434 | 2435 | 2436 | 2437 | 2438 | 2439 | 2440 | 2441 | 2442 | 2443 | 2444 | 2445 | 2446 | 2447 | 2448 | 2449 | 2450 | 2451 | 2452 | 2453 | 2454 | 2455 | 2456 | 2457 | 2458 | 2459 | 2460 | 2461 | 2462 | 2463 | 2464 | 2465 | 2466 | 2467 | 2468 | 2469 | 2470 | 2471 | 2472 | 2473 | 2474 | 2475 | 2476 | 2477 | 2478 | 2479 | 2480 | 2481 | 2482 | 2483 | 2484 | 2485 | 2486 | 2487 | 2488 | 2489 | 2490 | 2491 | 2492 | 2493 | 2494 | 2495 | 2496 | 2497 | 2498 | 2499 | 2500 | 2501 | 2502 | 2503 | 2504 | 2505 | 2506 | 2507 | 2508 | 2509 | 2510 | 2511 | 2512 | 2513 | 2514 | 2515 | 2516 | 2517 | 2518 | 2519 | 2520 | 2521 | 2522 | 2523 | 2524 | 2525 | 2526 | 2527 | 2528 | 2529 | 2530 | 2531 | 2532 | 2533 | 2534 | 2535 | 2536 | 2537 | 2538 | 2539 | 2540 | 2541 | 2542 | 2543 | 2544 | 2545 | 2546 | 2547 | 2548 | 2549 | 2550 | 2551 | 2552 | 2553 | 2554 | 2555 | 2556 | 2557 | 2558 | 2559 | 2560 | 2561 | 2562 | 2563 | 2564 | 2565 | 2566 | 2567 | 2568 | 2569 | 2570 | 2571 | 2572 | 2573 | 2574 | 2575 | 2576 | 2577 | 2578 | 2579 | 2580 | 2581 | 2582 | 2583 | 2584 | 2585 | 2586 | 2587 | 2588 | 2589 | 2590 | 2591 | 2592 | 2593 | 2594 | 2595 | 2596 | 2597 | 2598 | 2599 | 2600 | 2601 | 2602 | 2603 | 2604 | 2605 | 2606 | 2607 | 2608 | 2609 | 2610 | 2611 | 2612 | 2613 | 2614 | 2615 | 2616 | 2617 | 2618 | 2619 | 2620 | 2621 | 2622 | 2623 | 2624 | 2625 | 2626 | 2627 | 2628 | 2629 | 2630 | 2631 | 2632 | 2633 | 2634 | 2635 | 2636 | 2637 | 2638 | 2639 | 2640 | 2641 | 2642 | 2643 | 2644 | 2645 | 2646 | 2647 | 2648 | 2649 | 2650 | 2651 | 2652 | 2653 | 2654 | 2655 | 2656 | 2657 | 2658 | 2659 | 2660 | 2661 | 2662 | 2663 | 2664 | 2665 | 2666 | 2667 | 2668 | 2669 | 2670 | 2671 | 2672 | 2673 | 2674 | 2675 | 2676 | 2677 | 2678 | 2679 | 2680 | 2681 | 2682 | 2683 | 2684 | 2685 | 2686 | 2687 | 2688 | 2689 | 2690 | 2691 | 2692 | 2693 | 2694 | 2695 | 2696 | 2697 | 2698 | 2699 | 2700 | 2701 | 2702 | 2703 | 2704 | 2705 | 2706 | 2707 | 2708 | 2709 | 2710 | 2711 | 2712 | 2713 | 2714 | 2715 | 2716 | 2717 | 2718 | 2719 | 2720 | 2721 | 2722 | 2723 | 2724 | 2725 | 2726 | 2727 | 2728 | 2729 | 2730 | 2731 | 2732 | 2733 | 2734 | 2735 | 2736 | 2737 | 2738 | 2739 | 2740 | 2741 | 2742 | 2743 | 2744 | 2745 | 2746 | 2747 | 2748 | 2749 | 2750 | 2751 | 2752 | 2753 | 2754 | 2755 | 2756 | 2757 | 2758 | 2759 | 2760 | 2761 | 2762 | 2763 | 2764 | 2765 | 2766 | 2767 | 2768 | 2769 | 2770 | 2771 | 2772 | 2773 | 2774 | 2775 | 2776 | 2777 | 2778 | 2779 | 2780 | 2781 | 2782 | 2783 | 2784 | 2785 | 2786 | 2787 | 2788 | 2789 | 2790 | 2791 | 2792 | 2793 | 2794 | 2795 | 2796 | 2797 | 2798 | 2799 | 2800 | 2801 | 2802 | 2803 | 2804 | 2805 | 2806 | 2807 | 2808 | 2809 | 2810 | 2811 | 2812 | 2813 | 2814 | 2815 | 2816 | 2817 | 2818 | 2819 | 2820 | 2821 | 2822 | 2823 | 2824 | 2825 | 2826 | 2827 | 2828 | 2829 | 2830 | 2831 | 2832 | 2833 | 2834 | 2835 | 2836 | 2837 | 2838 | 2839 | 2840 | 2841 | 2842 | 2843 | 2844 | 2845 | 2846 | 2847 | 2848 | 2849 | 2850 | 2851 | 2852 | 2853 | 2854 | 2855 | 2856 | 2857 | 2858 | 2859 | 2860 | 2861 | 2862 | 2863 | 2864 | 2865 | 2866 | 2867 | 2868 | 2869 | 2870 | 2871 | 2872 | 2873 | 2874 | 2875 | 2876 | 2877 | 2878 | 2879 | 2880 | 2881 | 2882 | 2883 | 2884 | 2885 | 2886 | 2887 | 2888 | 2889 | 2890 | 2891 | 2892 | 2893 | 2894 | 2895 | 2896 | 2897 | 2898 | 2899 | 2900 | 2901 | 2902 | 2903 | 2904 | 2905 | 2906 | 2907 | 2908 | 2909 | 2910 | 2911 | 2912 | 2913 | 2914 | 2915 | 2916 | 2917 | 2918 | 2919 | 2920 | 2921 | 2922 | 2923 | 2924 | 2925 | 2926 | 2927 | 2928 | 2929 | 2930 | 2931 | 2932 | 2933 | 2934 | 2935 | 2936 | 2937 | 2938 | 2939 | 2940 | 2941 | 2942 | 2943 | 2944 | 2945 | 2946 | 2947 | 2948 | 2949 | 2950 | 2951 | 2952 | 2953 | 2954 | 2955 | 2956 | 2957 | 2958 | 2959 | 2960 | 2961 | 2962 | 2963 | 2964 | 2965 | 2966 | 2967 | 2968 | 2969 | 2970 | 2971 | 2972 | 2973 | 2974 | 2975 | 2976 | 2977 | 2978 | 2979 | 2980 | 2981 | 2982 | 2983 | 2984 | 2985 | 2986 | 2987 | 2988 | 2989 | 2990 | 2991 | 2992 | 2993 | 2994 | 2995 | 2996 | 2997 | 2998 | 2999 | 3000 | 3001 | 3002 | 3003 | 3004 | 3005 | 3006 | 3007 | 3008 | 3009 | 3010 | 3011 | 3012 | 3013 | 3014 | 3015 | 3016 | 3017 | 3018 | 3019 | 3020 | 3021 | 3022 | 3023 | 3024 | 3025 | 3026 | 3027 | 3028 | 3029 | 3030 | 3031 | 3032 | 3033 | 3034 | 3035 | 3036 | 3037 | 3038 | 3039 | 3040 | 3041 | 3042 | 3043 | 3044 | 3045 | 3046 | 3047 | 3048 | 3049 | 3050 | 3051 | 3052 | 3053 | 3054 | 3055 | 3056 | 3057 | 3058 | 3059 | 3060 | 3061 | 3062 | 3063 | 3064 | 3065 | 3066 | 3067 | 3068 | 3069 | 3070 | 3071 | 3072 | 3073 | 3074 | 3075 | 3076 | 3077 | 3078 | 3079 | 3080 | 3081 | 3082 | 3083 | 3084 | 3085 | 3086 | 3087 | 3088 | 3089 | 3090 | 3091 | 3092 | 3093 | 3094 | 3095 | 3096 | 3097 | 3098 | 3099 | 3100 | 3101 | 3102 | 3103 | 3104 | 3105 | 3106 | 3107 | 3108 | 3109 | 3110 | 3111 | 3112 | 3113 | 3114 | 3115 | 3116 | 3117 | 3118 | 3119 | 3120 | 3121 | 3122 | 3123 | 3124 | 3125 | 3126 | 3127 | 3128 | 3129 | 3130 | 3131 | 3132 | 3133 | 3134 | 3135 | 3136 | 3137 | 3138 | 3139 | 3140 | 3141 | 3142 | 3143 | 3144 | 3145 | 3146 | 3147 | 3148 | 3149 | 3150 | 3151 | 3152 | 3153 | 3154 | 3155 | 3156 | 3157 | 3158 | 3159 | 3160 | 3161 | 3162 | 3163 | 3164 | 3165 | 3166 | 3167 | 3168 | 3169 | 3170 | 3171 | 3172 | 3173 | 3174 | 3175 | 3176 | 3177 | 3178 | 3179 | 3180 | 3181 | 3182 | 3183 | 3184 | 3185 | 3186 | 3187 | 3188 | 3189 | 3190 | 3191 | 3192 | 3193 | 3194 | 3195 | 3196 | 3197 | 3198 | 3199 | 3200 | 3201 | 3202 | 3203 | 3204 | 3205 | 3206 | 3207 | 3208 | 3209 | 3210 | 3211 | 3212 | 3213 | 3214 | 3215 | 3216 | 3217 | 3218 | 3219 | 3220 | 3221 | 3222 | 3223 | 3224 | 3225 | 3226 | 3227 | 3228 | 3229 | 3230 | 3231 | 3232 | 3233 | 3234 | 3235 | 3236 | 3237 | 3238 | 3239 | 3240 | 3241 | 3242 | 3243 | 3244 | 3245 | 3246 | 3247 | 3248 | 3249 | 3250 | 3251 | 3252 | 3253 | 3254 | 3255 | 3256 | 3257 | 3258 | 3259 | 3260 | 3261 | 3262 | 3263 | 3264 | 3265 | 3266 | 3267 | 3268 | 3269 | 3270 | 3271 | 3272 | 3273 | 3274 | 3275 | 3276 | 3277 | 3278 | 3279 | 3280 | 3281 | 3282 | 3283 | 3284 | 3285 | 3286 | 3287 | 3288 | 3289 | 3290 | 3291 | 3292 | 3293 | 3294 | 3295 | 3296 | 3297 | 3298 | 3299 | 3300 | 3301 | 3302 | 3303 | 3304 | 3305 | 3306 | 3307 | 3308 | 3309 | 3310 | 3311 | 3312 | 3313 | 3314 | 3315 | 3316 | 3317 | 3318 | 3319 | 3320 | 3321 | 3322 | 3323 | 3324 | 3325 | 3326 | 3327 | 3328 | 3329 | 3330 | 3331 | 3332 | 3333 | 3334 | 3335 | 3336 | 3337 | 3338 | 3339 | 3340 | 3341 | 3342 | 3343 | 3344 | 3345 | 3346 | 3347 | 3348 | 3349 | 3350 | 3351 | 3352 | 3353 | 3354 | 3355 | 3356 | 3357 | 3358 | 3359 | 3360 | 3361 | 3362 | 3363 | 3364 | 3365 | 3366 | 3367 | 3368 | 3369 | 3370 | 3371 | 3372 | 3373 | 3374 | 3375 | 3376 | 3377 | 3378 | 3379 | 3380 | 3381 | 3382 | 3383 | 3384 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----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| # | Programs |
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| Residential Program |
|----------------------------------------------------------------|
| 1 Coupon Initiative |
| 2 Bi-Annual Retailer Event Initiative |
| 3 Appliance Retirement Initiative |
| 4 HVAC Incentives Initiative |
| 5 Residential New Construction and Major Renovation Initiative |
| Sub-total - Residential Program |

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|-----------------------------------------------------------|--------------------------------------------------------|
| 6 | Energy Audit Initiative |
| 7 | Efficiency: Equipment Replacement Incentive Initiative |
| 8 | Direct Install Lighting and Water Heating Initiative |
| 9 | New Construction and Major Renovation Initiative |
| 10 | Existing Building Commissioning Incentive Initiative |
| Sub-total - Commercial & Institutional Program | |

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| 11 | Process and Systems Upgrades Initiatives - Project Incentive Initiative |
| 12 | Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative |
| 13 | Process and Systems Upgrades Initiatives - Energy Manager Initiative |
| Sub-total - Industrial Program | |

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|---------------------------------------|-----------------------|
| 14 | Low Income Initiative |
| Sub-total - Low-Income Program | |

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| 15 | Loblaws Pilot |
| 16 | Social Benchmarking Pilot |
| 17 | Conservation Fund Pilot - SEG |
| 18 | Conservation Fund Pilot - EnerNOC |
| Sub-total - Pilot Program | |

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|--------------------------|-------------------------------------------------------|
| 19 | Aboriginal Conservation Program |
| 20 | Program Enabled Savings |
| 21 | Adjustments to 2015 Legacy Framework Verified Results |
| Sub-total - Other | |

| Residential Province-Wide Program | |
|------------------------------------------------------|--------------------------------------------|
| 22 | Save on Energy Coupon Program |
| 23 | Save on Energy Heating and Cooling Program |
| 24 | Save on Energy New Construction Program |
| 25 | Save on Energy Home Assistance Program |
| Sub-total - Residential Province-Wide Program | |

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|----|----------------------------------------------------------|
| 26 | Save on Energy Audit Funding Program |
| 27 | Save on Energy Retrofit Program |
| 28 | Save on Energy Small Business Lighting Program |
| 29 | Save on Energy High Performance New Construction Program |
| 30 | Save on Energy Existing Buildings Commissioning Program |
| 31 | Save on Energy Process & Systems Upgrades Program |
| 32 | Save on Energy Monitoring & Targeting Program |
| 33 | Save on Energy Energy Manager Program |
| | Sub-total - Business Province-Wide Program |

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|-------------------------------------------------|-----------------------------------------|
| 34 | Business Refrigeration Local Program |
| 35 | First Nation Conservation Local Program |
| 36 | Social Benchmarking Local Program |
| Sub-total - Local & Regional Program | |

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| 37 | Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - C |
| 38 | EnWIn Utilities Ltd. - Building Optimization Pilot |
| 39 | EnWIn Utilities Ltd. - Re-Invest Pilot |
| 40 | Horizon Utilities Corporation - ECM Furnace Motor Pilot |
| 41 | Horizon Utilities Corporation - Social Benchmarking Pilot |
| 42 | Hydro Ottawa Limited - Conservation Volume Regulation (CVR) Leveraging AMI Data Pil |
| 43 | Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot |
| 44 | Kitchener-Wilmot Hydro Inc. - Pilot - DCKV |
| 45 | Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agric |
| 46 | Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic |
| 47 | Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls |
| 48 | Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings) |
| 49 | Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings) |
| 50 | Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) |
| Sub-total - Pilot Program | |

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|--------------------------|------------------------------------------|
| 51 | Adjustments to 2015 CFF Verified Results |
| 52 | Adjustments to 2016 CFF Verified Results |
| 53 | Adjustments to 2017 CFF Verified Results |
| 54 | Adjustments to 2018 CFF Verified Results |
| 55 | Adjustments to 2019 CFF Verified Results |
| Sub-total - Other | |

| Participant Incentive Spending | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|------|------|------|------|------|-------|----------------------|------|------|------|------|------|---------------------------|------|------|------|------|------|------|-------|
| CDM Plan Forecast (\$) | | | | | | | Actual Verified (\$) | | | | | | Progress vs. CDM Plan (%) | | | | | | | |
| 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total |
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Participant Incentive Spending >

| # | Programs |
|---|----------|
|---|----------|

| Residential Program |
|----------------------------------------------------------------|
| 1 Coupon Initiative |
| 2 Bi-Annual Retailer Event Initiative |
| 3 Appliance Retirement Initiative |
| 4 HVAC Incentives Initiative |
| 5 Residential New Construction and Major Renovation Initiative |
| Sub-total - Residential Program |

| | |
|-----------------------------------------------------------|--------------------------------------------------------|
| 6 | Energy Audit Initiative |
| 7 | Efficiency: Equipment Replacement Incentive Initiative |
| 8 | Direct Install Lighting and Water Heating Initiative |
| 9 | New Construction and Major Renovation Initiative |
| 10 | Existing Building Commissioning Incentive Initiative |
| Sub-total - Commercial & Institutional Program | |

| | |
|---------------------------------------|--------------------------------------------------------------------------------|
| 11 | Process and Systems Upgrades Initiatives - Project Incentive Initiative |
| 12 | Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative |
| 13 | Process and Systems Upgrades Initiatives - Energy Manager Initiative |
| Sub-total - Industrial Program | |

| | | |
|---------------------------------------|-----------------------|--|
| 14 | Low Income Initiative | |
| Sub-total - Low-Income Program | | |

| | |
|----------------------------------|-----------------------------------|
| 15 | Loblaws Pilot |
| 16 | Social Benchmarking Pilot |
| 17 | Conservation Fund Pilot - SEG |
| 18 | Conservation Fund Pilot - EnerNOC |
| Sub-total - Pilot Program | |

| | |
|--------------------------|-------------------------------------------------------|
| 19 | Aboriginal Conservation Program |
| 20 | Program Enabled Savings |
| 21 | Adjustments to 2015 Legacy Framework Verified Results |
| Sub-total - Other | |

| Residential Province-Wide Program | |
|------------------------------------------------------|--------------------------------------------|
| 22 | Save on Energy Coupon Program |
| 23 | Save on Energy Heating and Cooling Program |
| 24 | Save on Energy New Construction Program |
| 25 | Save on Energy Home Assistance Program |
| Sub-total - Residential Province-Wide Program | |

| | |
|---------------------------------------------------|----------------------------------------------------------|
| 26 | Save on Energy Audit Funding Program |
| 27 | Save on Energy Retrofit Program |
| 28 | Save on Energy Small Business Lighting Program |
| 29 | Save on Energy High Performance New Construction Program |
| 30 | Save on Energy Existing Building Commissioning Program |
| 31 | Save on Energy Process & Systems Upgrades Program |
| 32 | Save on Energy Monitoring & Targeting Program |
| 33 | Save on Energy Energy Manager Program |
| Sub-total - Business Province-Wide Program | |

| | |
|-------------------------------------------------|-----------------------------------------|
| 34 | Business Refrigeration Local Program |
| 35 | First Nation Conservation Local Program |
| 36 | Social Benchmarking Local Program |
| Sub-total - Local & Regional Program | |

| | |
|----------------------------------|------------------------------------------------------------------------------------------|
| 37 | Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - C |
| 38 | EnWin Utilities Ltd. - Building Optimization Pilot |
| 39 | EnWin Utilities Ltd. - Re-Invest Pilot |
| 40 | Horizon Utilities Corporation - ECM Furnace Motor Pilot |
| 41 | Horizon Utilities Corporation - Social Benchmarking Pilot |
| 42 | Hydro Ottawa Limited - Conservation Volume Regulation (CVR) Leveraging AMI Data Pil |
| 43 | Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot |
| 44 | Kitchener-Wilmot Hydro Inc. - Pilot - DCKV |
| 45 | Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agric |
| 46 | Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic |
| 47 | Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls |
| 48 | Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings) |
| 49 | Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings) |
| 50 | Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) |
| Sub-total - Pilot Program | |

| | |
|--------------------------|------------------------------------------|
| 51 | Adjustments to 2015 CFF Verified Results |
| 52 | Adjustments to 2016 CFF Verified Results |
| 53 | Adjustments to 2017 CFF Verified Results |
| 54 | Adjustments to 2018 CFF Verified Results |
| 55 | Adjustments to 2019 CFF Verified Results |
| Sub-total - Other | |

[illegible]

Administrative Expense Spending >

| # | Programs |
|---|----------|
|---|----------|

| Residential Program | |
|----------------------------------------|--------------------------------------------------------------|
| 1 | Coupon Initiative |
| 2 | Bi-Annual Retailer Event Initiative |
| 3 | Appliance Retirement Initiative |
| 4 | HVAC Incentives Initiative |
| 5 | Residential New Construction and Major Renovation Initiative |
| Sub-total - Residential Program | |

| | |
|-----------------------------------------------------------|--------------------------------------------------------|
| 6 | Energy Audit Initiative |
| 7 | Efficiency: Equipment Replacement Incentive Initiative |
| 8 | Direct Install Lighting and Water Heating Initiative |
| 9 | New Construction and Major Renovation Initiative |
| 10 | Existing Building Commissioning Incentive Initiative |
| Sub-total - Commercial & Institutional Program | |

| | |
|---------------------------------------|--------------------------------------------------------------------------------|
| 11 | Process and Systems Upgrades Initiatives - Project Incentive Initiative |
| 12 | Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative |
| 13 | Process and Systems Upgrades Initiatives - Energy Manager Initiative |
| Sub-total - Industrial Program | |

| | |
|---------------------------------------|-----------------------|
| 14 | Low Income Initiative |
| Sub-total - Low-Income Program | |

| | |
|----------------------------------|-----------------------------------|
| 15 | Loblaws Pilot |
| 16 | Social Benchmarking Pilot |
| 17 | Conservation Fund Pilot - SEG |
| 18 | Conservation Fund Pilot - EnerNOC |
| Sub-total - Pilot Program | |

| | |
|--------------------------|-------------------------------------------------------|
| 19 | Aboriginal Conservation Program |
| 20 | Program Enabled Savings |
| 21 | Adjustments to 2015 Legacy Framework Verified Results |
| Sub-total - Other | |

| Residential Province-Wide Program | |
|------------------------------------------------------|--------------------------------------------|
| 22 | Save on Energy Coupon Program |
| 23 | Save on Energy Heating and Cooling Program |
| 24 | Save on Energy New Construction Program |
| 25 | Save on Energy Home Assistance Program |
| Sub-total - Residential Province-Wide Program | |

| | |
|---------------------------------------------------|----------------------------------------------------------|
| 26 | Save on Energy Audit Funding Program |
| 27 | Save on Energy Retrofit Program |
| 28 | Save on Energy Small Business Lighting Program |
| 29 | Save on Energy High Performance New Construction Program |
| 30 | Save on Energy Existing Building Commissioning Program |
| 31 | Save on Energy Process & Systems Upgrades Program |
| 32 | Save on Energy Monitoring & Targeting Program |
| 33 | Save on Energy Energy Manager Program |
| Sub-total - Business Province-Wide Program | |

| | |
|-------------------------------------------------|-----------------------------------------|
| 34 | Business Refrigeration Local Program |
| 35 | First Nation Conservation Local Program |
| 36 | Social Benchmarking Local Program |
| Sub-total - Local & Regional Program | |

| | |
|----------------------------------|------------------------------------------------------------------------------------------|
| 37 | Ensource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - C |
| 38 | EnWin Utilities Ltd. - Building Optimization Pilot |
| 39 | EnWin Utilities Ltd. - Re-Invest Pilot |
| 40 | Horizon Utilities Corporation - ECM Furnace Motor Pilot |
| 41 | Horizon Utilities Corporation - Social Benchmarking Pilot |
| 42 | Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil |
| 43 | Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot |
| 44 | Kitchener-Wilmot Hydro Inc. - Pilot - DCKV |
| 45 | Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agric |
| 46 | Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydrolic |
| 47 | Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls |
| 48 | Toronto Hydro-Electric System Limited - Direct Install - Hydrolic (Pilot Savings) |
| 49 | Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings) |
| 50 | Toronto Hydro-Electric System Limited - PPF - Large (Pilot Savings) |
| Sub-total - Pilot Program | |

| | |
|--------------------------|------------------------------------------|
| 51 | Adjustments to 2015 CFF Verified Results |
| 52 | Adjustments to 2016 CFF Verified Results |
| 53 | Adjustments to 2017 CFF Verified Results |
| 54 | Adjustments to 2018 CFF Verified Results |
| 55 | Adjustments to 2019 CFF Verified Results |
| Sub-total - Other | |

[illegible]

Connecting Today.
Powering Tomorrow.

Province-Wide Progress

| # | Programs |
|---|----------|
| | |

2011-2014+2015 Extension Legacy Framework Programs

Residential Program

| | |
|----------------------------------------|--------------------------------------------------------------|
| 1 | Coupon Initiative |
| 2 | Bi-Annual Retailer Event Initiative |
| 3 | Appliance Retirement Initiative |
| 4 | HVAC Incentives Initiative |
| 5 | Residential New Construction and Major Renovation Initiative |
| Sub-total - Residential Program | |

| | Participation | | | | | | | | | | | | | | | | | | | |
|-----------------|--------------------------------|------|------|------|------|------|-------|---------------------|------|------|------|------|------|---------------------------|------|------|------|------|------|------|
| Unit of Measure | CDM Plan Forecast Reported (#) | | | | | | | Actual Verified (#) | | | | | | Progress vs. CDM Plan (%) | | | | | | |
| | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |

[illegible]

Commercial & Institutional Program

| | |
|-----------------------------------------------------------|--------------------------------------------------------|
| 6 | Energy Audit Initiative |
| 7 | Efficiency: Equipment Replacement Incentive Initiative |
| 8 | Direct Install Lighting and Water Heating Initiative |
| 9 | New Construction and Major Renovation Initiative |
| 10 | Existing Building Commissioning Incentive Initiative |
| Sub-total - Commercial & Institutional Program | |

| | | | | | | | | | | | | | | | |
|-----------|--------|--|--|--|--|--------|--------|--|--|--|--------|------|--|--|------|
| Audits | 219 | | | | | 219 | 356 | | | | 356 | 163% | | | 163% |
| Projects | 12,750 | | | | | 12,750 | 12,547 | | | | 12,547 | 98% | | | 98% |
| Projects | 16,852 | | | | | 16,852 | 18,643 | | | | 18,643 | 111% | | | 111% |
| Buildings | 20,636 | | | | | 20,636 | 168 | | | | 168 | 1% | | | 1% |
| Buildings | 15 | | | | | 15 | 11 | | | | 11 | 73% | | | 73% |

Industrial Program

| | |
|---------------------------------------|--------------------------------------------------------------------------------|
| 11 | Process and Systems Upgrades Initiatives - Project Incentive Initiative |
| 12 | Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative |
| 13 | Process and Systems Upgrades Initiatives - Energy Manager Initiative |
| Sub-total - Industrial Program | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|-----|--|--|--|--|--|--|--|--|-----|-----|--|--|--|--|--|--|-----|------|--|--|--|--|--|--|------|
| Projects | 89 | | | | | | | | | 89 | 12 | | | | | | | 12 | 13% | | | | | | | 13% |
| Audits | 9 | | | | | | | | | 9 | 2 | | | | | | | 2 | 22% | | | | | | | 22% |
| Projects | 132 | | | | | | | | | 132 | 424 | | | | | | | 424 | 321% | | | | | | | 321% |

Low Income Program

| | |
|---------------------------------------|-----------------------|
| 14 | Low Income Initiative |
| Sub-total - Low-Income Program | |

[illegible]

Pilot Program

| | |
|----------------------------------|-----------------------------------|
| 15 | Loblaws Pilot |
| 16 | Social Benchmarking Pilot |
| 17 | Conservation Fund Pilot - SEG |
| 18 | Conservation Fund Pilot - EnerNOC |
| Sub-total - Pilot Program | |

[illegible]

Other

| | |
|--------------------------|-------------------------------------------------------|
| 19 | Aboriginal Conservation Program |
| 20 | Program Enabled Savings |
| 21 | Adjustments to 2015 Legacy Framework Verified Results |
| Sub-total - Other | |

[illegible]

Sub-total - 2011-2014+2015 Extension Legacy Framework

[illegible]

2015-2020 Conservation First Framework Programs

Residential Province-Wide Program

| | |
|------------------------------------------------------|--------------------------------------------|
| 22 | Save on Energy Coupon Program |
| 23 | Save on Energy Heating and Cooling Program |
| 24 | Save on Energy New Construction Program |
| 25 | Save on Energy Home Assistance Program |
| Sub-total - Residential Province-Wide Program | |

| | | | | | | | | | | | | |
|-----------|---------|-----------|-----------|-----------|-----------|-----------|------------------|-----------|--|------------------|------|------------|
| Measures | 149,482 | 1,533,885 | 2,045,606 | 1,986,558 | 1,690,883 | 1,544,515 | 8,950,929 | 1,207,534 | | 1,207,534 | 808% | 13% |
| Equipment | 8,324 | 83,272 | 70,001 | 62,933 | 63,984 | 63,070 | 351,584 | 20,235 | | 20,235 | 243% | 6% |
| Homes | 13,332 | 42,669 | 50,506 | 42,748 | 34,718 | 26,943 | 210,916 | 0 | | 0 | 0% | 0% |
| Homes | 7,484 | 36,746 | 36,572 | 34,367 | 33,292 | 30,995 | 179,456 | 1,032 | | 1,032 | 14% | 1% |

Business Province-Wide Program

| | |
|----|----------------------------------------------------------|
| 26 | Save on Energy Audit Funding Program |
| 27 | Save on Energy Retrofit Program |
| 28 | Save on Energy Small Business Lighting Program |
| 29 | Save on Energy High Performance New Construction Program |
| 30 | Save on Energy Existing Building Commissioning Program |
| 31 | Save on Energy Process and Systems Audits Program |
| 32 | Save on Energy Monitoring & Targeting Program |
| 33 | Save on Energy Energy Manager Program |
| | Sub-total - Business Province-Wide Program |

| | | | | | | | | | | | | | | | |
|-----------|-------|--------|--------|--------|--------|--------|--------|-----|-----|----|--|--|--|--|----|
| Audits | 33 | 271 | 285 | 284 | 274 | 250 | 1,397 | | 2 | 6% | | | | | 0% |
| Projects | 1,451 | 15,657 | 17,628 | 14,107 | 12,928 | 10,518 | 72,289 | 811 | 56% | | | | | | 1% |
| Projects | 114 | 20,368 | 22,696 | 15,979 | 13,110 | 12,941 | 85,208 | 0 | 0 | | | | | | 0% |
| Buildings | 3 | 213 | 213 | 212 | 211 | 204 | 1,053 | 0 | 0 | 0% | | | | | 0% |
| Buildings | 0 | 17 | 18 | 18 | 18 | 18 | 89 | 0 | 0 | 0% | | | | | 0% |
| Projects | 23 | 755 | 763 | 720 | 697 | | 3,716 | 0 | 0 | 0% | | | | | 0% |
| Audits | 0 | 10 | 5 | 2 | 2 | | 20 | 0 | 0 | 0% | | | | | 0% |
| Projects | 6 | 139 | 145 | 148 | 147 | 145 | 730 | 0 | 0 | 0% | | | | | 0% |

Local & Regional Program

| | |
|-------------------------------------------------|-----------------------------------------|
| 34 | Business Refrigeration Local Program |
| 35 | First Nation Conservation Local Program |
| 36 | Social Benchmarking Local Program |
| Sub-total - Local & Regional Program | |

[illegible]

Pilot Program

| | |
|----------------------------------|-----------------------------------------------------------------------------------------|
| 37 | Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - C |
| 38 | EnWin Utilities Ltd. - Building Optimization Pilot |
| 39 | EnWin Utilities Ltd. - Re-Invest Pilot |
| 40 | Horizon Utilities Corporation - ECM Furnace Motor Pilot |
| 41 | Horizon Utilities Corporation - Social Benchmarking Pilot |
| 42 | Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil |
| 43 | Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot |
| 44 | Kitchener-Wilmot Hydro Inc. - Pilot - DCKV |
| 45 | Nagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agric |
| 46 | Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydroic |
| 47 | Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls |
| 48 | Toronto Hydro-Electric System Limited - Direct Install - Hydroic (Pilot Savings) |
| 49 | Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings) |
| 50 | Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) |
| Sub-total - Pilot Program | |

[illegible]

Other

| | |
|--------------------------|------------------------------------------|
| 51 | Adjustments to 2015 CFF Verified Results |
| 52 | Adjustments to 2016 CFF Verified Results |
| 53 | Adjustments to 2017 CFF Verified Results |
| 54 | Adjustments to 2018 CFF Verified Results |
| 55 | Adjustments to 2019 CFF Verified Results |
| Sub-total - Other | |

[illegible]

Sub-total - 2015-2020 Conservation First Framework

[illegible]

| | | | |
|-------|-----|-----|-----|
| Total | 100 | 100 | 100 |
|-------|-----|-----|-----|

[illegible]

Participation >

| | |
|---|----------|
| # | Programs |
|---|----------|

| Residential Program |
|----------------------------------------------------------------|
| 1 Coupon Initiative |
| 2 Bi-Annual Retailer Event Initiative |
| 3 Appliance Retirement Initiative |
| 4 HVAC Incentives Initiative |
| 5 Residential New Construction and Major Renovation Initiative |
| Sub-total - Residential Program |

| | |
|-----------------------------------------------------------|--------------------------------------------------------|
| 6 | Energy Audit Initiative |
| 7 | Efficiency: Equipment Replacement Incentive Initiative |
| 8 | Direct Install Lighting and Water Heating Initiative |
| 9 | New Construction and Major Renovation Initiative |
| 10 | Existing Building Commissioning Incentive Initiative |
| Sub-total - Commercial & Institutional Program | |

| | |
|---------------------------------------|--------------------------------------------------------------------------------|
| 11 | Process and Systems Upgrades Initiatives - Project Incentive Initiative |
| 12 | Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative |
| 13 | Process and Systems Upgrades Initiatives - Energy Manager Initiative |
| Sub-total - Industrial Program | |

| | |
|---------------------------------------|-----------------------|
| 14 | Low Income Initiative |
| Sub-total - Low-Income Program | |

| | |
|----------------------------------|-----------------------------------|
| 15 | Loblaws Pilot |
| 16 | Social Benchmarking Pilot |
| 17 | Conservation Fund Pilot - SEG |
| 18 | Conservation Fund Pilot - EnerNOC |
| Sub-total - Pilot Program | |

| | |
|--------------------------|-------------------------------------------------------|
| 19 | Aboriginal Conservation Program |
| 20 | Program Enabled Savings |
| 21 | Adjustments to 2015 Legacy Framework Verified Results |
| Sub-total - Other | |

| Residential Province-Wide Program | |
|------------------------------------------------------|--------------------------------------------|
| 22 | Save on Energy Coupon Program |
| 23 | Save on Energy Heating and Cooling Program |
| 24 | Save on Energy New Construction Program |
| 25 | Save on Energy Home Assistance Program |
| Sub-total - Residential Province-Wide Program | |

| | |
|---------------------------------------------------|----------------------------------------------------------|
| 26 | Save on Energy Audit Funding Program |
| 27 | Save on Energy Retrofit Program |
| 28 | Save on Energy Small Business Lighting Program |
| 29 | Save on Energy High Performance New Construction Program |
| 30 | Save on Energy Existing Building Commissioning Program |
| 31 | Save on Energy Process & Systems Upgrades Program |
| 32 | Save on Energy Monitoring & Targeting Program |
| 33 | Save on Energy Energy Manager Program |
| Sub-total - Business Province-Wide Program | |

| | |
|-------------------------------------------------|-----------------------------------------|
| 34 | Business Refrigeration Local Program |
| 35 | First Nation Conservation Local Program |
| 36 | Social Benchmarking Local Program |
| Sub-total - Local & Regional Program | |

| | |
|----------------------------------|------------------------------------------------------------------------------------------|
| 37 | Ensource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - C |
| 38 | EnWin Utilities Ltd. - Building Optimization Pilot |
| 39 | EnWin Utilities Ltd. - Re-Invest Pilot |
| 40 | Horizon Utilities Corporation - ECM Furnace Motor Pilot |
| 41 | Horizon Utilities Corporation - Social Benchmarking Pilot |
| 42 | Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil |
| 43 | Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot |
| 44 | Kitchener-Wilmot Hydro Inc. - Pilot - DCKV |
| 45 | Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agric |
| 46 | Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydrolic |
| 47 | Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls |
| 48 | Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings) |
| 49 | Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings) |
| 50 | Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) |
| Sub-total - Pilot Program | |

| | |
|--------------------------|------------------------------------------|
| 51 | Adjustments to 2015 CFF Verified Results |
| 52 | Adjustments to 2016 CFF Verified Results |
| 53 | Adjustments to 2017 CFF Verified Results |
| 54 | Adjustments to 2018 CFF Verified Results |
| 55 | Adjustments to 2019 CFF Verified Results |
| Sub-total - Other | |

| Progress Towards Net 2020 Annual Energy Savings Target - (Contribution by Year) | | | | | | | | | | | | | | | |
|---------------------------------------------------------------------------------|---------------|---------------|-------------|-------------|-------------|---------------|-----------------------|------|------|------|------|------------------------|-------------------------|---------------|--------|
| CDM Plan Forecast Reported (kWh) | | | | | | | Actual Verified (kWh) | | | | | Allocated Target (kWh) | Progress vs. Target (%) | | |
| 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total | 2015 | 2016 | 2017 | 2018 | 2019 | | | 2020 | Total |
| 21,035,720 | | | | | | 21,035,720 | 49,828,856 | | | | | | 49,828,856 | | |
| 27,592,320 | | | | | | 27,592,320 | 72,999,617 | | | | | | 72,999,617 | | |
| 317,807 | | | | | | 317,807 | 0 | | | | | | 0 | | |
| 35,159,491 | | | | | | 35,159,491 | 45,965,427 | | | | | | 45,965,427 | | |
| 0 | | | | | | 0 | 6,305,281 | | | | | | 6,305,281 | | |
| 84,105,338 | | | | | | 84,105,338 | 175,099,181 | | | | | | 175,099,181 | | |
| | | | | | | | | | | | | | | | |
| 2,824,611 | | | | | | 2,824,611 | 0 | | | | | | 0 | | |
| 421,370,270 | | | | | | 421,370,270 | 648,322,776 | | | | | | 648,322,776 | | |
| 61,191,201 | | | | | | 61,191,201 | 32,305,094 | | | | | | 32,305,094 | | |
| 29,093,852 | | | | | | 29,093,852 | 21,792,687 | | | | | | 21,792,687 | | |
| 1,674,286 | | | | | | 1,674,286 | 0 | | | | | | 0 | | |
| 516,154,220 | | | | | | 516,154,220 | 702,420,557 | | | | | | 702,420,557 | | |
| | | | | | | | | | | | | | | | |
| 331,578,763 | | | | | | 331,578,763 | 122,704,030 | | | | | | 122,704,030 | | |
| 356,288 | | | | | | 356,288 | 0 | | | | | | 0 | | |
| 17,210,325 | | | | | | 17,210,325 | 25,183,067 | | | | | | 25,183,067 | | |
| 349,145,376 | | | | | | 349,145,376 | 147,887,097 | | | | | | 147,887,097 | | |
| | | | | | | | | | | | | | | | |
| 8,889,660 | | | | | | 8,889,660 | 11,746,825 | | | | | | 11,746,825 | | |
| 8,889,660 | | | | | | 8,889,660 | 11,746,825 | | | | | | 11,746,825 | | |
| | | | | | | | | | | | | | | | |
| 0 | | | | | | 0 | 8,311,388 | | | | | | 8,311,388 | | |
| 0 | | | | | | 0 | 0 | | | | | | 0 | | |
| 0 | | | | | | 0 | 0 | | | | | | 0 | | |
| 0 | | | | | | 0 | 0 | | | | | | 0 | | |
| 0 | | | | | | 0 | 8,311,388 | | | | | | 8,311,388 | | |
| | | | | | | | | | | | | | | | |
| 0 | | | | | | 0 | 3,243,409 | | | | | | 3,243,409 | | |
| n/a | | | | | | 0 | 7,275,075 | | | | | | 7,275,075 | | |
| n/a | | | | | | 0 | 0 | | | | | | 0 | | |
| 0 | | | | | | 0 | 10,518,484 | | | | | | 10,518,484 | | |
| | | | | | | | | | | | | | | | |
| 958,294,594 | | | | | | 958,294,594 | 1,055,983,532 | | | | | | 1,055,983,532 | | |
| | | | | | | | | | | | | | | | |
| 6,244,259 | 50,174,012 | 52,135,347 | 50,409,465 | 45,585,837 | 43,216,378 | 247,765,298 | 31,200,969 | | | | | | 31,200,969 | | |
| 2,347,079 | 37,406,039 | 30,675,176 | 27,751,713 | 28,295,451 | 27,814,750 | 154,290,208 | 10,181,961 | | | | | | 10,181,961 | | |
| 952,308 | 7,774,866 | 8,049,121 | 7,920,517 | 7,292,805 | 7,133,175 | 39,122,792 | 0 | | | | | | 0 | | |
| 1,413,841 | 10,785,092 | 11,095,404 | 12,605,295 | 14,402,363 | 14,227,736 | 64,529,731 | 975,736 | | | | | | 975,736 | | |
| 10,957,487 | 106,140,009 | 101,955,048 | 98,686,990 | 95,576,456 | 92,392,039 | 505,708,029 | 42,358,666 | | | | | | 42,358,666 | | |
| | | | | | | | | | | | | | | | |
| 294,892 | 3,290,088 | 13,879,164 | 13,572,063 | 13,693,127 | 12,151,578 | 56,880,912 | 0 | | | | | | 0 | | |
| 55,584,426 | 534,759,858 | 534,753,270 | 428,553,238 | 423,763,890 | 419,628,306 | 2,397,042,988 | 19,147,625 | | | | | | 19,147,625 | | |
| 410,618 | 63,588,379 | 73,395,760 | 57,879,500 | 46,967,274 | 46,439,579 | 288,681,110 | 0 | | | | | | 0 | | |
| 327,354 | 19,263,709 | 19,599,588 | 19,542,588 | 24,401,193 | 18,778,476 | 101,912,908 | 0 | | | | | | 0 | | |
| 0 | 2,221,667 | 2,471,667 | 2,471,667 | 2,471,667 | 2,471,667 | 12,108,335 | 0 | | | | | | 0 | | |
| 10,251,801 | 243,859,602 | 255,271,328 | 256,631,017 | 167,630,191 | 119,267,669 | 1,052,911,608 | 0 | | | | | | 0 | | |
| 0 | 9,045,544 | 5,023,688 | 1,078,144 | 356,288 | 178,144 | 15,681,808 | 0 | | | | | | 0 | | |
| 740,583 | 19,815,119 | 23,375,625 | 24,057,971 | 24,057,500 | 22,808,912 | 114,855,710 | 0 | | | | | | 0 | | |
| 67,609,674 | 895,843,966 | 927,770,090 | 803,786,188 | 703,341,130 | 641,724,331 | 4,040,075,379 | 19,147,625 | | | | | | 19,147,625 | | |
| | | | | | | | | | | | | | | | |
| 0 | 2,421,358 | 5,498,784 | 665,731 | 825,631 | 635,934 | 10,047,438 | n/a | | | | | | 0 | | |
| 0 | 826,800 | 1,102,400 | 1,102,400 | 1,102,400 | 826,800 | 4,960,800 | n/a | | | | | | 0 | | |
| 0 | 30,000 | 54,000 | 436,404 | 1,588,200 | 76,350,738 | 78,459,342 | n/a | | | | | | 0 | | |
| 0 | 3,278,158 | 6,655,184 | 2,204,535 | 3,516,231 | 77,813,472 | 93,467,580 | 0 | | | | | | 0 | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | |
| | | | | | | | n/a | | | | | | 0 | | |
| | | | | | | | n/a | | | | | | 0 | | |
| | | | | | | | n/a | | | | | | 0 | | |
| | | | | | | | n/a | | | | | | 0 | | |
| | | | | | | | n/a | | | | | | 0 | | |
| | | | | | | | n/a | | | | | | 0 | | |
| | | | | | | | n/a | | | | | | 0 | | |
| | | | | | | | n/a | | | | | | 0 | | |
| | | | | | | | n/a | | | | | | 0 | | |
| | | | | | | | n/a | | | | | | 0 | | |
| | | | | | | | n/a | | | | | | 0 | | |
| | | | | | | | n/a | | | | | | 0 | | |
| | | | | | | | n/a | | | | | | 0 | | |
| | | | | | | | 0 | | | | | | 0 | | |
| | | | | | | | | | | | | | | | |
| 78,567,161 | 1,005,262,133 | 1,036,380,322 | 904,677,713 | 802,433,817 | 811,929,842 | 4,639,250,988 | 61,506,291 | 0 | 0 | 0 | 0 | 0 | 61,506,291 | | |
| | | | | | | | | | | | | | | | |
| 1,036,861,755 | 1,005,262,133 | 1,036,380,322 | 904,677,713 | 802,433,817 | 811,929,842 | 5,597,545,582 | 1,117,489,823 | 0 | 0 | 0 | 0 | 0 | 1,117,489,823 | 6,999,990,000 | 15.96% |

Progress Towards 2020 Net Annual Energy Savings Target >

| # | Programs |
|---|----------|
| | |

| |
|----------------------------------------------------------------|
| Residential Program |
| 1 Coupon Initiative |
| 2 Bi-Annual Retailer Event Initiative |
| 3 Appliance Retirement Initiative |
| 4 HVAC Incentives Initiative |
| 5 Residential New Construction and Major Renovation Initiative |
| Sub-Total - Residential Program |

| | |
|-----------------------------------------------------------|--------------------------------------------------------|
| 6 | Energy Audit Initiative |
| 7 | Efficiency: Equipment Replacement Incentive Initiative |
| 8 | Direct Install Lighting and Water Heating Initiative |
| 9 | New Construction and Major Renovation Initiative |
| 10 | Existing Building Commissioning Incentive Initiative |
| Sub-total - Commercial & Institutional Program | |

| | |
|---------------------------------------|--------------------------------------------------------------------------------|
| 11 | Process and Systems Upgrades Initiatives - Project Incentive Initiative |
| 12 | Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative |
| 13 | Process and Systems Upgrades Initiatives - Energy Manager Initiative |
| Sub-total - Industrial Program | |

| | |
|---------------------------------------|-----------------------|
| 14 | Low Income Initiative |
| Sub-total - Low-Income Program | |

| | |
|----------------------------------|-----------------------------------|
| 15 | Loblaws Pilot |
| 16 | Social Benchmarking Pilot |
| 17 | Conservation Fund Pilot - SEG |
| 18 | Conservation Fund Pilot - EnerNOC |
| Sub-total - Pilot Program | |

| | |
|--------------------------|-------------------------------------------------------|
| 19 | Aboriginal Conservation Program |
| 20 | Program Enabled Savings |
| 21 | Adjustments to 2015 Legacy Framework Verified Results |
| Sub-total - Other | |

| Residential Province-Wide Program | |
|------------------------------------------------------|--------------------------------------------|
| 22 | Save on Energy Coupon Program |
| 23 | Save on Energy Heating and Cooling Program |
| 24 | Save on Energy New Construction Program |
| 25 | Save on Energy Home Assistance Program |
| Sub-total - Residential Province-Wide Program | |

| | |
|----|----------------------------------------------------------|
| 26 | Save on Energy Audit Funding Program |
| 27 | Save on Energy Retrofit Program |
| 28 | Save on Energy Small Business Lighting Program |
| 29 | Save on Energy High Performance New Construction Program |
| 30 | Save on Energy Existing Building Commissioning Program |
| 31 | Save on Energy Process & Systems Upgrades Program |
| 32 | Save on Energy Monitoring & Targeting Program |
| 33 | Save on Energy Energy Manager Program |
| | Sub-total - Business Province-Wide Program |

| | |
|-------------------------------------------------|-----------------------------------------|
| 34 | Business Refrigeration Local Program |
| 35 | First Nation Conservation Local Program |
| 36 | Social Benchmarking Local Program |
| Sub-total - Local & Regional Program | |

| | |
|----------------------------------|------------------------------------------------------------------------------------------|
| 37 | Ensource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - C |
| 38 | EnWin Utilities Ltd. - Building Optimization Pilot |
| 39 | EnWin Utilities Ltd. - Re-Invest Pilot |
| 40 | Horizon Utilities Corporation - ECM Furnace Motor Pilot |
| 41 | Horizon Utilities Corporation - Social Benchmarking Pilot |
| 42 | Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil |
| 43 | Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot |
| 44 | Kitchener-Willmot Hydro Inc. - Pilot - DCKV |
| 45 | Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agric |
| 46 | Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls |
| 47 | Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydroic |
| 48 | Toronto Hydro-Electric System Limited - Direct Install - Hydroic (Pilot Savings) |
| 49 | Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings) |
| 50 | Toronto Hydro-Electric System Limited - PPF - Large (Pilot Savings) |
| Sub-total - Pilot Program | |

| | |
|--------------------------|------------------------------------------|
| 51 | Adjustments to 2015 CFF Verified Results |
| 52 | Adjustments to 2016 CFF Verified Results |
| 53 | Adjustments to 2017 CFF Verified Results |
| 54 | Adjustments to 2018 CFF Verified Results |
| 55 | Adjustments to 2019 CFF Verified Results |
| Sub-total - Other | |

| Net Incremental First Year Energy Savings | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------------|---------------|---------------|-------------|-------------|-------------|---------------|-----------------------|------|------|------|------|------|---------------------------------------------|------|------|------|------|------|------|-------|
| CDM Plan Forecast Reported (kWh) | | | | | | | Actual Verified (kWh) | | | | | | Annual Cumulative Progress vs. CDM Plan (%) | | | | | | | |
| 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total |
| 21,145,720 | | | | | | 21,145,720 | 50,267,679 | | | | | | 50,267,679 | 238% | | | | | | 238% |
| 28,087,320 | | | | | | 28,087,320 | 74,495,781 | | | | | | 74,495,781 | 265% | | | | | | 265% |
| 1,420,382 | | | | | | 1,420,382 | 6,231,034 | | | | | | 6,231,034 | 439% | | | | | | 439% |
| 35,159,491 | | | | | | 35,159,491 | 45,965,427 | | | | | | 45,965,427 | 131% | | | | | | 131% |
| 0 | | | | | | 0 | 6,305,281 | | | | | | 6,305,281 | | | | | | | |
| 85,812,913 | | | | | | 85,812,913 | 183,265,202 | | | | | | 183,265,202 | 214% | | | | | | 214% |
| | | | | | | | | | | | | | | | | | | | | |
| 11,116,083 | | | | | | 11,116,083 | 26,333,804 | | | | | | 26,333,804 | 237% | | | | | | 237% |
| 421,370,270 | | | | | | 421,370,270 | 653,480,201 | | | | | | 653,480,201 | 155% | | | | | | 155% |
| 61,191,201 | | | | | | 61,191,201 | 50,394,978 | | | | | | 50,394,978 | 82% | | | | | | 82% |
| 29,093,852 | | | | | | 29,093,852 | 22,022,383 | | | | | | 22,022,383 | 76% | | | | | | 76% |
| 1,924,286 | | | | | | 1,924,286 | 947,849 | | | | | | 947,849 | 49% | | | | | | 49% |
| 524,695,692 | | | | | | 524,695,692 | 753,179,215 | | | | | | 753,179,215 | 144% | | | | | | 144% |
| | | | | | | | | | | | | | | | | | | | | |
| 331,806,287 | | | | | | 331,806,287 | 122,704,030 | | | | | | 122,704,030 | 37% | | | | | | 37% |
| 1,256,288 | | | | | | 1,256,288 | 1,369,000 | | | | | | 1,369,000 | 109% | | | | | | 109% |
| 21,625,594 | | | | | | 21,625,594 | 35,834,323 | | | | | | 35,834,323 | 166% | | | | | | 166% |
| 354,688,169 | | | | | | 354,688,169 | 159,907,353 | | | | | | 159,907,353 | 45% | | | | | | 45% |
| | | | | | | | | | | | | | | | | | | | | |
| 8,917,339 | | | | | | 8,917,339 | 14,906,764 | | | | | | 14,906,764 | 167% | | | | | | 167% |
| 8,917,339 | | | | | | 8,917,339 | 14,906,764 | | | | | | 14,906,764 | 167% | | | | | | 167% |
| | | | | | | | | | | | | | | | | | | | | |
| 0 | | | | | | 0 | 8,311,388 | | | | | | 8,311,388 | | | | | | | |
| 0 | | | | | | 0 | 17,391,939 | | | | | | 17,391,939 | | | | | | | |
| 0 | | | | | | 0 | 11,772,874 | | | | | | 11,772,874 | | | | | | | |
| 0 | | | | | | 0 | 328,828 | | | | | | 328,828 | | | | | | | |
| 0 | | | | | | 0 | 37,805,029 | | | | | | 37,805,029 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 0 | | | | | | 0 | 3,627,223 | | | | | | 3,627,223 | | | | | | | |
| n/a | | | | | | 0 | 16,255,915 | | | | | | 16,255,915 | | | | | | | |
| n/a | | | | | | 0 | 0 | | | | | | 0 | | | | | | | |
| 0 | | | | | | 0 | 19,883,138 | | | | | | 19,883,138 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 974,114,113 | | | | | | 974,114,113 | 1,168,946,701 | | | | | | 1,168,946,701 | 120% | | | | | | 120% |
| | | | | | | | | | | | | | | | | | | | | |
| 6,244,259 | 50,174,012 | 52,135,347 | 50,409,465 | 45,585,837 | 43,216,378 | 247,765,298 | 31,459,586 | | | | | | 31,459,586 | 504% | | | | | | 13% |
| 2,347,079 | 37,406,039 | 30,675,176 | 27,751,713 | 28,295,451 | 27,814,750 | 154,290,208 | 10,181,961 | | | | | | 10,181,961 | 434% | | | | | | 7% |
| 952,308 | 7,774,866 | 8,049,121 | 7,920,517 | 7,292,805 | 7,133,175 | 39,122,792 | 0 | | | | | | 0 | 0% | | | | | | 0% |
| 1,421,144 | 10,816,092 | 11,095,404 | 12,605,295 | 14,402,363 | 14,227,736 | 64,568,034 | 1,145,792 | | | | | | 1,145,792 | 81% | | | | | | 2% |
| 10,964,790 | 106,171,009 | 101,955,048 | 98,686,990 | 95,576,456 | 92,392,039 | 505,746,332 | 42,787,339 | | | | | | 42,787,339 | 390% | | | | | | 8% |
| | | | | | | | | | | | | | | | | | | | | |
| 1,199,165 | 13,523,765 | 14,379,164 | 14,172,063 | 13,693,127 | 12,151,578 | 69,118,862 | 162,592 | | | | | | 162,592 | 14% | | | | | | 0% |
| 55,584,426 | 534,759,858 | 534,753,270 | 428,553,238 | 423,763,890 | 419,628,306 | 2,397,042,988 | 19,243,297 | | | | | | 19,243,297 | 35% | | | | | | 1% |
| 410,618 | 63,588,379 | 73,395,760 | 57,879,500 | 46,967,274 | 46,439,579 | 288,681,110 | 0 | | | | | | 0 | 0% | | | | | | 0% |
| 327,354 | 19,263,709 | 19,599,588 | 19,542,588 | 24,401,193 | 18,778,476 | 101,912,908 | 0 | | | | | | 0 | 0% | | | | | | 0% |
| 0 | 2,221,667 | 2,471,667 | 2,471,667 | 2,471,667 | 2,471,667 | 12,108,335 | 0 | | | | | | 0 | 0% | | | | | | 0% |
| 10,251,801 | 244,013,300 | 255,271,338 | 256,631,027 | 167,630,201 | 119,267,669 | 1,053,065,336 | 0 | | | | | | 0 | 0% | | | | | | 0% |
| 0 | 9,045,544 | 5,023,688 | 1,078,144 | 356,288 | 178,144 | 15,681,808 | 0 | | | | | | 0 | 0% | | | | | | 0% |
| 740,583 | 22,509,192 | 23,375,625 | 24,057,971 | 24,057,500 | 22,808,912 | 117,549,783 | 0 | | | | | | 0 | 0% | | | | | | 0% |
| 68,513,947 | 908,925,414 | 928,270,100 | 804,386,198 | 703,341,140 | 641,724,331 | 4,055,161,130 | 19,405,889 | | | | | | 19,405,889 | 28% | | | | | | 0% |
| | | | | | | | | | | | | | | | | | | | | |
| 0 | 2,448,730 | 5,548,937 | 715,884 | 875,784 | 635,934 | 10,225,269 | n/a | | | | | | 0 | n/a | | | | | | 0% |
| 0 | 826,800 | 1,102,400 | 1,102,400 | 1,102,400 | 826,800 | 4,960,800 | n/a | | | | | | 0 | n/a | | | | | | 0% |
| 0 | 44,571,820 | 63,353,167 | 65,106,690 | 73,526,874 | 76,350,738 | 322,909,289 | n/a | | | | | | 0 | n/a | | | | | | 0% |
| 0 | 47,847,350 | 70,004,504 | 66,924,974 | 75,505,058 | 77,813,472 | 338,095,358 | 0 | | | | | | 0 | n/a | | | | | | 0% |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | 0 | | | | | | 0 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | 0 | | | | | | 0 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 79,478,737 | 1,062,943,773 | 1,100,229,652 | 969,998,162 | 874,422,654 | 811,929,842 | 4,899,002,820 | 62,193,228 | | | | | | 62,193,228 | 78% | | | | | | 1% |
| | | | | | | | | | | | | | | | | | | | | |
| 1,053,592,850 | 1,062,943,773 | 1,100,229,652 | 969,998,162 | 874,422,654 | 811,929,842 | 5,873,116,933 | 1,231,139,929 | | | | | | 1,231,139,929 | 117% | | | | | | 21% |

Net Incremental First Year Energy Savings >

Province-Wide Progress

| # | Programs |
|---|----------|
| | |

2011-2014+2015 Extension Legacy Framework Programs

| Residential Program | |
|---------------------------------|--------------------------------------------------------------|
| 1 | Coupon Initiative |
| 2 | Bi-Annual Retailer Event Initiative |
| 3 | Appliance Retirement Initiative |
| 4 | HVAC Incentives Initiative |
| 5 | Residential New Construction and Major Renovation Initiative |
| Sub-total - Residential Program | |

| Commercial & Institutional Program | |
|------------------------------------------------|--------------------------------------------------------|
| 6 | Energy Audit Initiative |
| 7 | Efficiency: Equipment Replacement Incentive Initiative |
| 8 | Direct Install Lighting and Water Heating Initiative |
| 9 | New Construction and Major Renovation Initiative |
| 10 | Existing Building Commissioning Incentive Initiative |
| Sub-total - Commercial & Institutional Program | |

| Industrial Program | |
|--------------------------------|--------------------------------------------------------------------------------|
| 11 | Process and Systems Upgrades Initiatives - Project Incentive Initiative |
| 12 | Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative |
| 13 | Process and Systems Upgrades Initiatives - Energy Manager Initiative |
| Sub-total - Industrial Program | |

| Low Income Program | |
|--------------------------------|-----------------------|
| 14 | Low Income Initiative |
| Sub-total - Low-Income Program | |

| Pilot Program | |
|---------------------------|-----------------------------------|
| 15 | Loblaws Pilot |
| 16 | Social Benchmarking Pilot |
| 17 | Conservation Fund Pilot - SEG |
| 18 | Conservation Fund Pilot - EnerNOC |
| Sub-total - Pilot Program | |

| Other | |
|-------------------|-------------------------------------------------------|
| 19 | Aboriginal Conservation Program |
| 20 | Program Enabled Savings |
| 21 | Adjustments to 2015 Legacy Framework Verified Results |
| Sub-total - Other | |

| | |
|-------------------------------------------------------|--|
| Sub-total - 2011-2014+2015 Extension Legacy Framework | |
|-------------------------------------------------------|--|

2015-2020 Conservation First Framework Programs

| Residential Province-Wide Program | |
|-----------------------------------------------|--------------------------------------------|
| 22 | Save on Energy Coupon Program |
| 23 | Save on Energy Heating and Cooling Program |
| 24 | Save on Energy New Construction Program |
| 25 | Save on Energy Home Assistance Program |
| Sub-total - Residential Province-Wide Program | |

| Business Province-Wide Program | |
|--------------------------------------------|----------------------------------------------------------|
| 26 | Save on Energy Audit Funding Program |
| 27 | Save on Energy Retrofit Program |
| 28 | Save on Energy Small Business Lighting Program |
| 29 | Save on Energy High Performance New Construction Program |
| 30 | Save on Energy Existing Building Commissioning Program |
| 31 | Save on Energy Process & Systems Upgrades Program |
| 32 | Save on Energy Monitoring & Targeting Program |
| 33 | Save on Energy Energy Manager Program |
| Sub-total - Business Province-Wide Program | |

| Local & Regional Program | |
|--------------------------------------|-----------------------------------------|
| 34 | Business Refrigeration Local Program |
| 35 | First Nation Conservation Local Program |
| 36 | Social Benchmarking Local Program |
| Sub-total - Local & Regional Program | |

| Pilot Program | |
|---------------------------|------------------------------------------------------------------------------------------|
| 37 | Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - C |
| 38 | EnWin Utilities Ltd. - Building Optimization Pilot |
| 39 | EnWin Utilities Ltd. - Re-Invest Pilot |
| 40 | Horizon Utilities Corporation - ECM Furnace Motor Pilot |
| 41 | Horizon Utilities Corporation - Social Benchmarking Pilot |
| 42 | Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil |
| 43 | Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot |
| 44 | Kitchener-Willmot Hydro Inc. - Pilot - DCKV |
| 45 | Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agric |
| 46 | Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic |
| 47 | Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls |
| 48 | Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings) |
| 49 | Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings) |
| 50 | Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) |
| Sub-total - Pilot Program | |

| Other | |
|-------------------|------------------------------------------|
| 51 | Adjustments to 2015 CFF Verified Results |
| 52 | Adjustments to 2016 CFF Verified Results |
| 53 | Adjustments to 2017 CFF Verified Results |
| 54 | Adjustments to 2018 CFF Verified Results |
| 55 | Adjustments to 2019 CFF Verified Results |
| Sub-total - Other | |

| | |
|----------------------------------------------------|--|
| Sub-total - 2015-2020 Conservation First Framework | |
|----------------------------------------------------|--|

| | |
|-------|--|
| Total | |
|-------|--|

| Net Incremental First Year Peak Demand Savings | | | | | | | | | | | | | | | | | | | | |
|------------------------------------------------|---------|---------|---------|---------|---------|---------|----------------------|------|------|------|------|------|---------|---------------------------|------|------|------|------|------|-------|
| CDM Plan Forecast Reported (kW) | | | | | | | Actual Verified (kW) | | | | | | | Progress vs. CDM Plan (%) | | | | | | |
| 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total |
| 1,426 | | | | | | 1,426 | 3,285 | | | | | | 3,285 | 230% | | | | | | 230% |
| 1,917 | | | | | | 1,917 | 5,100 | | | | | | 5,100 | 266% | | | | | | 266% |
| 1,036 | | | | | | 1,036 | 1,027 | | | | | | 1,027 | 99% | | | | | | 99% |
| 20,618 | | | | | | 20,618 | 24,035 | | | | | | 24,035 | 117% | | | | | | 117% |
| 0 | | | | | | 0 | 1,113 | | | | | | 1,113 | | | | | | | |
| 24,997 | | | | | | 24,997 | 34,560 | | | | | | 34,560 | 138% | | | | | | 138% |
| | | | | | | | | | | | | | | | | | | | | |
| 1,821 | | | | | | 1,821 | 5,614 | | | | | | 5,614 | 308% | | | | | | 308% |
| 70,109 | | | | | | 70,109 | 93,596 | | | | | | 93,596 | 134% | | | | | | 134% |
| 16,601 | | | | | | 16,601 | 11,893 | | | | | | 11,893 | 72% | | | | | | 72% |
| 5,495 | | | | | | 5,495 | 5,222 | | | | | | 5,222 | 95% | | | | | | 95% |
| 783 | | | | | | 783 | 437 | | | | | | 437 | 56% | | | | | | 56% |
| 94,809 | | | | | | 94,809 | 116,762 | | | | | | 116,762 | 123% | | | | | | 123% |
| | | | | | | | | | | | | | | | | | | | | |
| 44,236 | | | | | | 44,236 | 13,649 | | | | | | 13,649 | 31% | | | | | | 31% |
| 143 | | | | | | 143 | 0 | | | | | | 0 | 0% | | | | | | 0% |
| 3,791 | | | | | | 3,791 | 7,590 | | | | | | 7,590 | 200% | | | | | | 200% |
| 48,170 | | | | | | 48,170 | 21,239 | | | | | | 21,239 | 44% | | | | | | 44% |
| | | | | | | | | | | | | | | | | | | | | |
| 7,758 | | | | | | 7,758 | 2,225 | | | | | | 2,225 | 29% | | | | | | 29% |
| 7,758 | | | | | | 7,758 | 2,225 | | | | | | 2,225 | 29% | | | | | | 29% |
| | | | | | | | | | | | | | | | | | | | | |
| 0 | | | | | | 0 | 724 | | | | | | 724 | | | | | | | |
| 0 | | | | | | 0 | 1,649 | | | | | | 1,649 | | | | | | | |
| 0 | | | | | | 0 | 1,055 | | | | | | 1,055 | | | | | | | |
| 0 | | | | | | 0 | 0 | | | | | | 0 | | | | | | | |
| 0 | | | | | | 0 | 3,428 | | | | | | 3,428 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 0 | | | | | | 0 | 625 | | | | | | 625 | | | | | | | |
| n/a | | | | | | 0 | 1,145 | | | | | | 1,145 | | | | | | | |
| n/a | | | | | | 0 | 0 | | | | | | 0 | | | | | | | |
| 0 | | | | | | 0 | 1,770 | | | | | | 1,770 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 175,734 | | | | | | 175,734 | 179,984 | | | | | | 179,984 | 102% | | | | | | 102% |
| | | | | | | | | | | | | | | | | | | | | |
| 416 | 3,539 | 3,685 | 3,569 | 3,248 | 3,090 | 17,547 | 2,025 | | | | | | 2,025 | 487% | | | | | | 12% |
| 1,806 | 18,347 | 13,914 | 11,980 | 12,104 | 11,834 | 69,985 | 5,322 | | | | | | 5,322 | 295% | | | | | | 8% |
| 87 | 1,393 | 1,375 | 1,420 | 1,366 | 1,408 | 7,049 | 0 | | | | | | 0 | 0% | | | | | | 0% |
| 313 | 6,559 | 6,435 | 6,295 | 6,245 | 6,215 | 32,062 | 213 | | | | | | 213 | 68% | | | | | | 1% |
| 2,622 | 29,838 | 25,409 | 23,264 | 22,963 | 22,547 | 126,643 | 7,560 | | | | | | 7,560 | 288% | | | | | | 6% |
| | | | | | | | | | | | | | | | | | | | | |
| 205 | 2,241 | 2,394 | 2,357 | 2,278 | 2,015 | 11,490 | 35 | | | | | | 35 | 17% | | | | | | 0% |
| 9,937 | 80,144 | 83,912 | 71,001 | 71,370 | 71,359 | 387,723 | 2,828 | | | | | | 2,828 | 28% | | | | | | 1% |
| 119 | 16,459 | 18,087 | 14,685 | 12,429 | 12,219 | 73,998 | 0 | | | | | | 0 | 0% | | | | | | 0% |
| 44 | 4,202 | 4,316 | 4,298 | 4,546 | 4,149 | 21,555 | 0 | | | | | | 0 | 0% | | | | | | 0% |
| 0 | 945 | 1,057 | 1,057 | 1,057 | 1,057 | 5,173 | 0 | | | | | | 0 | | | | | | | 0% |
| 1,221 | 29,166 | 28,760 | 28,010 | 20,416 | 15,277 | 122,850 | 0 | | | | | | 0 | 0% | | | | | | 0% |
| 0 | 1,323 | 503 | 123 | 41 | 20 | 2,010 | 0 | | | | | | 0 | | | | | | | 0% |
| 90 | 3,581 | 3,673 | 3,816 | 3,816 | 3,673 | 18,649 | 0 | | | | | | 0 | 0% | | | | | | 0% |
| 11,616 | 138,061 | 142,702 | 125,347 | 115,953 | 109,769 | 643,448 | 2,863 | | | | | | 2,863 | 25% | | | | | | 0% |
| | | | | | | | | | | | | | | | | | | | | |
| 0 | 333 | 755 | 94 | 114 | 84 | 1,380 | n/a | | | | | | 0 | n/a | | | | | | 0% |
| 0 | 131 | 175 | 175 | 175 | 131 | 787 | n/a | | | | | | 0 | n/a | | | | | | 0% |
| 0 | 7,426 | 9,895 | 10,316 | 11,613 | 11,925 | 51,175 | n/a | | | | | | 0 | n/a | | | | | | 0% |
| 0 | 7,890 | 10,825 | 10,585 | 11,902 | 12,140 | 53,342 | 0 | | | | | | 0 | | | | | | | 0% |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | 0 | | | | | | 0 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | n/a | | | | | | 0 | | | | | | | |
| | | | | | | | 0 | | | | | | 0 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 14,238 | 175,789 | 178,936 | 159,196 | 150,818 | 144,456 | 823,433 | 10,423 | | | | | | 10,423 | 73% | | | | | | 1% |
| 189,972 | 175,789 | 178,936 | 159,196 | 150,818 | 144,456 | 999,167 | 190,407 | | | | | | 190,407 | 100% | | | | | | 19% |

Province-Wide Progress

| # | Programs |
|---|----------|
| | |

2011-2014+2015 Extension Legacy Framework Programs

| Residential Program | |
|---------------------------------|--------------------------------------------------------------|
| 1 | Coupon Initiative |
| 2 | Bi-Annual Retailer Event Initiative |
| 3 | Appliance Retirement Initiative |
| 4 | HVAC Incentives Initiative |
| 5 | Residential New Construction and Major Renovation Initiative |
| Sub-total - Residential Program | |

| Commercial & Institutional Program | |
|------------------------------------------------|--------------------------------------------------------|
| 6 | Energy Audit Initiative |
| 7 | Efficiency: Equipment Replacement Incentive Initiative |
| 8 | Direct Install Lighting and Water Heating Initiative |
| 9 | New Construction and Major Renovation Initiative |
| 10 | Existing Building Commissioning Incentive Initiative |
| Sub-total - Commercial & Institutional Program | |

| Industrial Program | |
|--------------------------------|--------------------------------------------------------------------------------|
| 11 | Process and Systems Upgrades Initiatives - Project Incentive Initiative |
| 12 | Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative |
| 13 | Process and Systems Upgrades Initiatives - Energy Manager Initiative |
| Sub-total - Industrial Program | |

| Low Income Program | |
|--------------------------------|-----------------------|
| 14 | Low Income Initiative |
| Sub-total - Low Income Program | |

| Pilot Program | |
|---------------------------|-----------------------------------|
| 15 | Loblaws Pilot |
| 16 | Social Benchmarking Pilot |
| 17 | Conservation Fund Pilot - SEG |
| 18 | Conservation Fund Pilot - EnerNOC |
| Sub-total - Pilot Program | |

| Other | |
|-------------------|-------------------------------------------------------|
| 19 | Aboriginal Conservation Program |
| 20 | Program Enabled Savings |
| 21 | Adjustments to 2015 Legacy Framework Verified Results |
| Sub-total - Other | |

Sub-total - 2011-2014+2015 Extension Legacy Framework

2015-2020 Conservation First Framework Programs

| Residential Province-Wide Program | |
|-----------------------------------------------|--------------------------------------------|
| 22 | Save on Energy Coupon Program |
| 23 | Save on Energy Heating and Cooling Program |
| 24 | Save on Energy New Construction Program |
| 25 | Save on Energy Home Assistance Program |
| Sub-total - Residential Province-Wide Program | |

| Business Province-Wide Program | |
|--------------------------------------------|----------------------------------------------------------|
| 26 | Save on Energy Audit Funding Program |
| 27 | Save on Energy Retrofit Program |
| 28 | Save on Energy Small Business Lighting Program |
| 29 | Save on Energy High Performance New Construction Program |
| 30 | Save on Energy Existing Building Commissioning Program |
| 31 | Save on Energy Process & Systems Upgrades Program |
| 32 | Save on Energy Monitoring & Targeting Program |
| 33 | Save on Energy Energy Manager Program |
| Sub-total - Business Province-Wide Program | |

| Local & Regional Program | |
|--------------------------------------|-----------------------------------------|
| 34 | Business Refrigeration Local Program |
| 35 | First Nation Conservation Local Program |
| 36 | Social Benchmarking Local Program |
| Sub-total - Local & Regional Program | |

| Pilot Program | |
|---------------------------|------------------------------------------------------------------------------------------|
| 37 | Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - C |
| 38 | EnWin Utilities Ltd. - Building Optimization Pilot |
| 39 | EnWin Utilities Ltd. - Re-Invest Pilot |
| 40 | Horizon Utilities Corporation - ECM Furnace Motor Pilot |
| 41 | Horizon Utilities Corporation - Social Benchmarking Pilot |
| 42 | Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil |
| 43 | Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot |
| 44 | Kitchener-Willmot Hydro Inc. - Pilot - DCKV |
| 45 | Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agric |
| 46 | Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic |
| 47 | Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls |
| 48 | Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings) |
| 49 | Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings) |
| 50 | Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) |
| Sub-total - Pilot Program | |

| Other | |
|-------------------|------------------------------------------|
| 51 | Adjustments to 2015 CFF Verified Results |
| 52 | Adjustments to 2016 CFF Verified Results |
| 53 | Adjustments to 2017 CFF Verified Results |
| 54 | Adjustments to 2018 CFF Verified Results |
| 55 | Adjustments to 2019 CFF Verified Results |
| Sub-total - Other | |

Sub-total - 2015-2020 Conservation First Framework

Total

| Net-to-Gross and Realization Rate Adjustments - Actual Verified | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------------------------------------|------|------|------|------|------|------------------|------|------|------|----------------------|------|------|-------|------|------|------------------|------|------|------|-------|
| Energy Savings | | | | | | | | | | Demand Savings | | | | | | | | | | |
| Realization Rate (%) | | | | | | Net-to-Gross (%) | | | | Realization Rate (%) | | | | | | Net-to-Gross (%) | | | | |
| 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total |

| | | | | | | | | | | | | | | | | | | | | | |
|------|--|--|--|--|--|--|------|--|--|--|--|--|--|------|--|--|--|--|--|--|------|
| 100% | | | | | | | 164% | | | | | | | 100% | | | | | | | 164% |
| 100% | | | | | | | 164% | | | | | | | 100% | | | | | | | 164% |
| 100% | | | | | | | 47% | | | | | | | 100% | | | | | | | 46% |
| 100% | | | | | | | 51% | | | | | | | 100% | | | | | | | 51% |
| 76% | | | | | | | 49% | | | | | | | 187% | | | | | | | 49% |
| | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | |
|------|--|--|--|--|--|--|-----|--|--|--|--|--|--|------|--|--|--|--|--|--|-----|
| 100% | | | | | | | 89% | | | | | | | 100% | | | | | | | 89% |
| 99% | | | | | | | 77% | | | | | | | 90% | | | | | | | 76% |
| 71% | | | | | | | 89% | | | | | | | 59% | | | | | | | 87% |
| 98% | | | | | | | 54% | | | | | | | 92% | | | | | | | 54% |
| 100% | | | | | | | 95% | | | | | | | 137% | | | | | | | 92% |
| | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | |
|------|--|--|--|--|--|--|------|--|--|--|--|--|--|------|--|--|--|--|--|--|------|
| 100% | | | | | | | 80% | | | | | | | 94% | | | | | | | 80% |
| 100% | | | | | | | 100% | | | | | | | 0% | | | | | | | 100% |
| 101% | | | | | | | 75% | | | | | | | 115% | | | | | | | 81% |
| | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | |
|-----|--|--|--|--|--|--|------|--|--|--|--|--|--|-----|--|--|--|--|--|--|------|
| 87% | | | | | | | 100% | | | | | | | 95% | | | | | | | 100% |
| | | | | | | | | | | | | | | | | | | | | | |

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|------|--|--|--|--|--|--|------|--|--|--|--|--|--|------|--|--|--|--|--|--|------|
| 100% | | | | | | | 100% | | | | | | | 100% | | | | | | | 100% |
| 100% | | | | | | | 99% | | | | | | | 100% | | | | | | | 99% |
| 107% | | | | | | | 100% | | | | | | | 100% | | | | | | | 100% |
| 23% | | | | | | | 64% | | | | | | | 100% | | | | | | | 100% |
| | | | | | | | | | | | | | | | | | | | | | |

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|------|--|--|--|--|--|--|------|--|--|--|--|--|--|------|--|--|--|--|--|--|------|
| 75% | | | | | | | 100% | | | | | | | 84% | | | | | | | 100% |
| 87% | | | | | | | 75% | | | | | | | 72% | | | | | | | 75% |
| 100% | | | | | | | 100% | | | | | | | 100% | | | | | | | 100% |
| | | | | | | | | | | | | | | | | | | | | | |

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|------|--|--|--|--|--|--|------|--|--|--|--|--|--|------|--|--|--|--|--|--|------|
| 100% | | | | | | | 162% | | | | | | | 100% | | | | | | | 162% |
| 100% | | | | | | | 56% | | | | | | | 100% | | | | | | | 56% |
| 100% | | | | | | | 100% | | | | | | | 100% | | | | | | | 100% |
| 94% | | | | | | | 100% | | | | | | | 97% | | | | | | | 100% |
| | | | | | | | | | | | | | | | | | | | | | |

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|------|--|--|--|--|--|--|------|--|--|--|--|--|--|------|--|--|--|--|--|--|------|
| 100% | | | | | | | 98% | | | | | | | 100% | | | | | | | 100% |
| 96% | | | | | | | 76% | | | | | | | 81% | | | | | | | 75% |
| 100% | | | | | | | 100% | | | | | | | 100% | | | | | | | 100% |
| 100% | | | | | | | 100% | | | | | | | 100% | | | | | | | 100% |
| 100% | | | | | | | 100% | | | | | | | 100% | | | | | | | 100% |
| 100% | | | | | | | 100% | | | | | | | 100% | | | | | | | 100% |
| 100% | | | | | | | 100% | | | | | | | 100% | | | | | | | 100% |
| 100% | | | | | | | 100% | | | | | | | 100% | | | | | | | 100% |
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| n/a | | | | | | | n/a | | | | | | | n/a | | | | | | | n/a |
| n/a | | | | | | | n/a | | | | | | | n/a | | | | | | | n/a |
| n/a | | | | | | | n/a | | | | | | | n/a | | | | | | | n/a |
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| n/a | | | | | | | n/a | | | | | | | n/a | | | | | | | n/a |
| n/a | | | | | | | n/a | | | | | | | n/a | | | | | | | n/a |
| n/a | | | | | | | n/a | | | | | | | n/a | | | | | | | n/a |
| n/a | | | | | | | n/a | | | | | | | n/a | | | | | | | n/a |
| n/a | | | | | | | n/a | | | | | | | n/a | | | | | | | n/a |
| n/a | | | | | | | n/a | | | | | | | n/a | | | | | | | n/a |
| n/a | | | | | | | n/a | | | | | | | n/a | | | | | | | n/a |
| n/a | | | | | | | n/a | | | | | | | n/a | | | | | | | n/a |
| n/a | | | | | | | n/a | | | | | | | n/a | | | | | | | n/a |
| n/a | | | | | | | n/a | | | | | | | n/a | | | | | | | n/a |
| n/a | | | | | | | n/a | | | | | | | n/a | | | | | | | n/a |
| n/a | | | | | | | n/a | | | | | | | n/a | | | | | | | n/a |
| n/a | | | | | | | n/a | | | | | | | n/a | | | | | | | n/a |
| n/a | | | | | | | n/a | | | | | | | n/a | | | | | | | n/a |
| n/a | | | | | | | n/a | | | | | | | n/a | | | | | | | n/a |
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| n/a | | | | | | | n/a | | | | | | | n/a | | | | | | | n/a |
| n/a | | | | | | | n/a | | | | | | | n/a | | | | | | | n/a |
| n/a | | | | | | | n/a | | | | | | | n/a | | | | | | | n/a |
| n/a | | | | | | | n/a | | | | | | | n/a | | | | | | | n/a |
| n/a | | | | | | | n/a | | | | | | | n/a | | | | | | | n/a |
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|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

>

Net-to-Gross and Realization Rate Adjustments - Actual

| # | Programs |
|---|----------|
|---|----------|

| Residential Program |
|----------------------------------------------------------------|
| 1 Coupon Initiative |
| 2 Bi-Annual Retailer Event Initiative |
| 3 Appliance Retirement Initiative |
| 4 HVAC Incentives Initiative |
| 5 Residential New Construction and Major Renovation Initiative |
| Sub-total - Residential Program |

| | |
|-----------------------------------------------------------|--------------------------------------------------------|
| 6 | Energy Audit Initiative |
| 7 | Efficiency: Equipment Replacement Incentive Initiative |
| 8 | Direct Install Lighting and Water Heating Initiative |
| 9 | New Construction and Major Renovation Initiative |
| 10 | Existing Building Commissioning Incentive Initiative |
| Sub-total - Commercial & Institutional Program | |

| | |
|---------------------------------------|--------------------------------------------------------------------------------|
| 11 | Process and Systems Upgrades Initiatives - Project Incentive Initiative |
| 12 | Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative |
| 13 | Process and Systems Upgrades Initiatives - Energy Manager Initiative |
| Sub-total - Industrial Program | |

| | |
|---------------------------------------|-----------------------|
| 14 | Low Income Initiative |
| Sub-total - Low-Income Program | |

| | |
|----------------------------------|-----------------------------------|
| 15 | Loblaws Pilot |
| 16 | Social Benchmarking Pilot |
| 17 | Conservation Fund Pilot - SEG |
| 18 | Conservation Fund Pilot - EnerNOC |
| Sub-total - Pilot Program | |

| | |
|--------------------------|-------------------------------------------------------|
| 19 | Aboriginal Conservation Program |
| 20 | Program Enabled Savings |
| 21 | Adjustments to 2015 Legacy Framework Verified Results |
| Sub-total - Other | |

| Residential Province-Wide Program | |
|------------------------------------------------------|--------------------------------------------|
| 22 | Save on Energy Coupon Program |
| 23 | Save on Energy Heating and Cooling Program |
| 24 | Save on Energy New Construction Program |
| 25 | Save on Energy Home Assistance Program |
| Sub-total - Residential Province-Wide Program | |

| | |
|----|----------------------------------------------------------|
| 26 | Save on Energy Audit Funding Program |
| 27 | Save on Energy Retrofit Program |
| 28 | Save on Energy Small Business Lighting Program |
| 29 | Save on Energy High Performance New Construction Program |
| 30 | Save on Energy Existing Buildings Commissioning Program |
| 31 | Save on Energy Process & Systems Upgrades Program |
| 32 | Save on Energy Monitoring & Targeting Program |
| 33 | Save on Energy Energy Manager Program |
| | Sub-total - Business Province-Wide Program |

| | |
|-------------------------------------------------|-----------------------------------------|
| 34 | Business Refrigeration Local Program |
| 35 | First Nation Conservation Local Program |
| 36 | Social Benchmarking Local Program |
| Sub-total - Local & Regional Program | |

| | |
|----------------------------------|------------------------------------------------------------------------------------------|
| 37 | Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - C |
| 38 | EnWIn Utilities Ltd. - Building Optimization Pilot |
| 39 | EnWIn Utilities Ltd. - Re-Invest Pilot |
| 40 | Horizon Utilities Corporation - ECM Furnace Motor Pilot |
| 41 | Horizon Utilities Corporation - Social Benchmarking Pilot |
| 42 | Hydro Ottawa Limited - Conservation Volume Regulation (CVR) Leveraging AMI Data Pil |
| 43 | Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot |
| 44 | Kitchener-Wilmot Hydro Inc. - Pilot - DCKV |
| 45 | Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agric |
| 46 | Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydroic |
| 47 | Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls |
| 48 | Toronto Hydro-Electric System Limited - Direct Install - Hydroic (Pilot Savings) |
| 49 | Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings) |
| 50 | Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) |
| Sub-total - Pilot Program | |

| | |
|--------------------------|------------------------------------------|
| 51 | Adjustments to 2015 CFF Verified Results |
| 52 | Adjustments to 2016 CFF Verified Results |
| 53 | Adjustments to 2017 CFF Verified Results |
| 54 | Adjustments to 2018 CFF Verified Results |
| 55 | Adjustments to 2019 CFF Verified Results |
| Sub-total - Other | |

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Participant Incentive Spending >

Province-Wide Progress

| | |
|---|----------|
| # | Programs |
|---|----------|

2011-2014+2015 Extension Legacy Framework Programs

Residential Program

| | |
|----------------------------------------|--------------------------------------------------------------|
| 1 | Coupon Initiative |
| 2 | Bi-Annual Retailer Event Initiative |
| 3 | Appliance Retirement Initiative |
| 4 | HVAC Incentives Initiative |
| 5 | Residential New Construction and Major Renovation Initiative |
| Sub-total - Residential Program | |

Commercial & Institutional Program

| | |
|-----------------------------------------------------------|--------------------------------------------------------|
| 6 | Energy Audit Initiative |
| 7 | Efficiency: Equipment Replacement Incentive Initiative |
| 8 | Direct Install Lighting and Water Heating Initiative |
| 9 | New Construction and Major Renovation Initiative |
| 10 | Existing Building Commissioning Incentive Initiative |
| Sub-total - Commercial & Institutional Program | |

Industrial Program

| | |
|---------------------------------------|--------------------------------------------------------------------------------|
| 11 | Process and Systems Upgrades Initiatives - Project Incentive Initiative |
| 12 | Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative |
| 13 | Process and Systems Upgrades Initiatives - Energy Manager Initiative |
| Sub-total - Industrial Program | |

Low Income Program

| | |
|---------------------------------------|-----------------------|
| 14 | Low Income Initiative |
| Sub-total - Low-Income Program | |

Pilot Program

| | |
|----------------------------------|-----------------------------------|
| 15 | Loblaws Pilot |
| 16 | Social Benchmarking Pilot |
| 17 | Conservation Fund Pilot - SEG |
| 18 | Conservation Fund Pilot - EnerNOC |
| Sub-total - Pilot Program | |

Other

| | |
|--------------------------|-------------------------------------------------------|
| 19 | Aboriginal Conservation Program |
| 20 | Program Enabled Savings |
| 21 | Adjustments to 2015 Legacy Framework Verified Results |
| Sub-total - Other | |

Sub-total - 2011-2014+2015 Extension Legacy Framework

2015-2020 Conservation First Framework Programs

Residential Province-Wide Program

| | |
|------------------------------------------------------|--------------------------------------------|
| 22 | Save on Energy Coupon Program |
| 23 | Save on Energy Heating and Cooling Program |
| 24 | Save on Energy New Construction Program |
| 25 | Save on Energy Home Assistance Program |
| Sub-total - Residential Province-Wide Program | |

Business Province-Wide Program

| | |
|---------------------------------------------------|----------------------------------------------------------|
| 26 | Save on Energy Audit Funding Program |
| 27 | Save on Energy Retrofit Program |
| 28 | Save on Energy Small Business Lighting Program |
| 29 | Save on Energy High Performance New Construction Program |
| 30 | Save on Energy Existing Building Commissioning Program |
| 31 | Save on Energy Process & Systems Upgrades Program |
| 32 | Save on Energy Monitoring & Targeting Program |
| 33 | Save on Energy Energy Manager Program |
| Sub-total - Business Province-Wide Program | |

Local & Regional Program

| | |
|-------------------------------------------------|-----------------------------------------|
| 34 | Business Refrigeration Local Program |
| 35 | First Nation Conservation Local Program |
| 36 | Social Benchmarking Local Program |
| Sub-total - Local & Regional Program | |

Pilot Program

| | |
|----------------------------------|------------------------------------------------------------------------------------------|
| 37 | Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - C |
| 38 | EnWin Utilities Ltd. - Building Optimization Pilot |
| 39 | EnWin Utilities Ltd. - Re-Invest Pilot |
| 40 | Horizon Utilities Corporation - ECM Furnace Motor Pilot |
| 41 | Horizon Utilities Corporation - Social Benchmarking Pilot |
| 42 | Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil |
| 43 | Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot |
| 44 | Kitchener-Wilmot Hydro Inc. - Pilot - DCKV |
| 45 | Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agric |
| 46 | Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic |
| 47 | Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls |
| 48 | Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings) |
| 49 | Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings) |
| 50 | Toronto Hydro-Electric System Limited - PPF - Large (Pilot Savings) |
| Sub-total - Pilot Program | |

Other

| | |
|--------------------------|------------------------------------------|
| 51 | Adjustments to 2015 CFF Verified Results |
| 52 | Adjustments to 2016 CFF Verified Results |
| 53 | Adjustments to 2017 CFF Verified Results |
| 54 | Adjustments to 2018 CFF Verified Results |
| 55 | Adjustments to 2019 CFF Verified Results |
| Sub-total - Other | |

Sub-total - 2015-2020 Conservation First Framework

Total

| Administrative Expense Spending | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|------|------|------|------|------|-------|----------------------|------|------|------|------|------|---------------------------|------|------|------|------|------|------|-------|
| CDM Plan Forecast (\$) | | | | | | | Actual Verified (\$) | | | | | | Progress vs. CDM Plan (%) | | | | | | | |
| 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total |
| | | | | | | | | | | | | | | | | | | | | |

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| | | | | | | | | | | | | | | | | |
|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|------------------|--|--|--|--|------------------|------|--|--|-----------|
| 638,410 | 8,428,919 | 10,273,194 | 10,250,022 | 9,306,555 | 8,588,305 | 47,485,406 | 1,577,289 | | | | | 1,577,289 | 247% | | | 3% |
| 420,606 | 5,847,820 | 5,545,394 | 4,852,144 | 4,933,782 | 4,844,901 | 26,444,647 | 466,132 | | | | | 466,132 | 111% | | | 2% |
| 255,177 | 1,551,259 | 1,496,832 | 1,498,192 | 1,386,160 | 1,378,703 | 7,566,322 | 16,829 | | | | | 16,829 | 7% | | | 0% |
| 1,755,621 | 7,045,133 | 7,252,528 | 7,032,346 | 6,736,996 | 6,538,523 | 36,361,147 | 149,262 | | | | | 149,262 | 9% | | | 0% |
| 3,069,814 | 22,873,132 | 24,567,948 | 23,632,703 | 22,363,494 | 21,350,432 | 117,857,122 | 2,209,514 | | | | | 2,209,514 | 72% | | | 2% |

| | | | | | | | | | | | | | | | |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|------------------|--|--|--|--|------------------|------------|--|-----------|
| 314,965 | 1,944,277 | 1,964,949 | 2,010,284 | 1,997,225 | 1,990,171 | 10,221,871 | 167,592 | | | | | 167,592 | 53% | | 2% |
| 11,005,756 | 40,215,167 | 39,404,225 | 39,906,451 | 40,715,058 | 41,326,512 | 212,573,170 | 5,895,425 | | | | | 5,895,425 | 54% | | 3% |
| 321,264 | 11,971,386 | 12,887,559 | 9,707,279 | 7,893,971 | 7,729,994 | 50,511,452 | 0 | | | | | 0 | 0% | | 0% |
| 366,994 | 2,907,933 | 3,019,009 | 3,061,203 | 3,395,615 | 3,070,797 | 15,821,551 | 148,817 | | | | | 148,817 | 41% | | 1% |
| 25,314 | 302,183 | 299,453 | 305,492 | 309,810 | 300,636 | 1,542,889 | 0 | | | | | 0 | 0% | | 0% |
| 1,538,726 | 6,647,149 | 6,490,249 | 6,629,200 | 7,240,876 | 7,124,544 | 35,670,745 | 341,070 | | | | | 341,070 | 22% | | 1% |
| 10,000 | 134,879 | 137,772 | 113,728 | 70,366 | 70,641 | 537,385 | 9,180 | | | | | 9,180 | 92% | | 2% |
| 484,790 | 4,394,908 | 4,411,791 | 4,492,839 | 4,515,396 | 4,466,328 | 22,766,051 | 156,835 | | | | | 156,835 | 32% | | 1% |
| 14,067,809 | 68,517,881 | 68,615,007 | 66,226,476 | 66,138,318 | 66,079,623 | 349,645,113 | 6,718,919 | | | | | 6,718,919 | 48% | | 2% |

| | | | | | | | | | | | | | | | | | |
|---------|-----------|-----------|-----------|-----------|-----------|------------|-----|--|--|--|--|---|-----|--|--|--|----|
| 173,152 | 251,773 | 669,769 | 46,474 | 57,024 | 45,306 | 1,243,498 | n/a | | | | | 0 | n/a | | | | 0% |
| 0 | 1,700,000 | 2,000,000 | 2,000,000 | 2,000,000 | 1,500,000 | 9,200,000 | n/a | | | | | 0 | n/a | | | | 0% |
| 119,166 | 4,957,207 | 5,814,158 | 5,772,302 | 6,342,957 | 6,602,570 | 29,608,360 | n/a | | | | | 0 | n/a | | | | 0% |
| 292,318 | 6,908,980 | 8,483,927 | 7,818,776 | 8,399,982 | 8,147,876 | 40,051,858 | n/a | | | | | 0 | n/a | | | | 0% |

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| | | | | | | | | | | | | | | | | |
|------------|------------|-------------|------------|------------|------------|-------------|-----------|--|--|--|-----------|-----|--|--|--|----|
| 17,429,941 | 98,299,992 | 101,666,881 | 97,677,956 | 96,901,793 | 95,577,930 | 507,554,493 | 8,928,433 | | | | 8,928,433 | 51% | | | | 2% |
|------------|------------|-------------|------------|------------|------------|-------------|-----------|--|--|--|-----------|-----|--|--|--|----|

| | | | | | | | | | | | | | | | | | | | | | | |
|------------|------------|-------------|------------|------------|------------|-------------|-----------|--|--|--|--|--|--|-----------|-----|--|--|--|--|--|--|----|
| 17,429,941 | 98,299,992 | 101,666,881 | 97,677,956 | 96,901,793 | 95,577,930 | 507,554,493 | 8,928,433 | | | | | | | 8,928,433 | 51% | | | | | | | 2% |
|------------|------------|-------------|------------|------------|------------|-------------|-----------|--|--|--|--|--|--|-----------|-----|--|--|--|--|--|--|----|

 \wedge

Administrative Expense

Province-Wide Progress

| # | Programs |
|---|----------|
|---|----------|

2011-2014+2015 Extension Legacy Framework Programs

Residential Program

| | |
|----------------------------------------|--------------------------------------------------------------|
| 1 | Coupon Initiative |
| 2 | Bi-Annual Retailer Event Initiative |
| 3 | Appliance Retirement Initiative |
| 4 | HVAC Incentives Initiative |
| 5 | Residential New Construction and Major Renovation Initiative |
| Sub-total - Residential Program | |

Commercial & Institutional Program

| | |
|-----------------------------------------------------------|--------------------------------------------------------|
| 6 | Energy Audit Initiative |
| 7 | Efficiency: Equipment Replacement Incentive Initiative |
| 8 | Direct Install Lighting and Water Heating Initiative |
| 9 | New Construction and Major Renovation Initiative |
| 10 | Existing Building Commissioning Incentive Initiative |
| Sub-total - Commercial & Institutional Program | |

Industrial Program

| | |
|---------------------------------------|--------------------------------------------------------------------------------|
| 11 | Process and Systems Upgrades Initiatives - Project Incentive Initiative |
| 12 | Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative |
| 13 | Process and Systems Upgrades Initiatives - Energy Manager Initiative |
| Sub-total - Industrial Program | |

Low Income Program

| | |
|---------------------------------------|-----------------------|
| 14 | Low Income Initiative |
| Sub-total - Low-Income Program | |

Pilot Program

| | |
|----------------------------------|-----------------------------------|
| 15 | Loblaws Pilot |
| 16 | Social Benchmarking Pilot |
| 17 | Conservation Fund Pilot - SEG |
| 18 | Conservation Fund Pilot - EnerNOC |
| Sub-total - Pilot Program | |

Other

| | |
|--------------------------|-------------------------------------------------------|
| 19 | Aboriginal Conservation Program |
| 20 | Program Enabled Savings |
| 21 | Adjustments to 2015 Legacy Framework Verified Results |
| Sub-total - Other | |

Sub-total - 2011-2014+2015 Extension Legacy Framework

| 2015-2020 Conservation First Framework Programs | |
|------------------------------------------------------|--------------------------------------------|
| Residential Province-Wide Program | |
| 22 | Save on Energy Coupon Program |
| 23 | Save on Energy Heating and Cooling Program |
| 24 | Save on Energy New Construction Program |
| 25 | Save on Energy Home Assistance Program |
| Sub-total - Residential Province-Wide Program | |

Business Province-Wide Program

| | |
|---------------------------------------------------|----------------------------------------------------------|
| 26 | Save on Energy Audit Funding Program |
| 27 | Save on Energy Retrofit Program |
| 28 | Save on Energy Small Business Lighting Program |
| 29 | Save on Energy High Performance New Construction Program |
| 30 | Save on Energy Existing Building Commissioning Program |
| 31 | Save on Energy Grades & Systems Upgrades Program |
| 32 | Save on Energy Monitoring & Targeting Program |
| 33 | Save on Energy Manager Program |
| Sub-total - Business Province-Wide Program | |

Local & Regional Program

| | |
|-------------------------------------------------|-----------------------------------------|
| 34 | Business Refrigeration Local Program |
| 35 | First Nation Conservation Local Program |
| 36 | Social Benchmarking Local Program |
| Sub-total - Local & Regional Program | |

Pilot Program

| | |
|----------------------------------|-----------------------------------------------------------------------------------------|
| 37 | Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - C |
| 38 | EnWin Utilities Ltd. - Building Optimization Pilot |
| 39 | EnWin Utilities Ltd. - Re-Invest Pilot |
| 40 | Horizon Utilities Corporation - ECM Furnace Motor Pilot |
| 41 | Horizon Utilities Corporation - Social Benchmarking Pilot |
| 42 | Hydro Ottawa Limited - Conservation Voluntary Regulation (CVR) Leveraging AMI Data Pil |
| 43 | Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot |
| 44 | Kitchener-Wilmot Hydro Inc. - Pilot - DCKV |
| 45 | Nagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agric |
| 46 | Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic |
| 47 | Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls |
| 48 | Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings) |
| 49 | Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings) |
| 50 | Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) |
| Sub-total - Pilot Program | |

Other

| | |
|----|------------------------------------------|
| 51 | Adjustments to 2015 CFF Verified Results |
| 52 | Adjustments to 2016 CFF Verified Results |
| 53 | Adjustments to 2017 CFF Verified Results |
| 54 | Adjustments to 2018 CFF Verified Results |
| 55 | Adjustments to 2019 CFF Verified Results |
| | Sub-total - Other |

Sub-total - 2015-2020 Conservation First Framework

| | | | |
|-------|-----|-----|-----|
| Total | 100 | 100 | 100 |
|-------|-----|-----|-----|

[illegible]

2015-2020 Conservation First Framework Programs

Residential Province-Wide Program

| | | | | | | | | | | | | |
|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|-------------------|--|--|-------------------|-------------|-----------|
| 1,475,151 | 14,906,922 | 16,506,638 | 16,334,987 | 15,093,111 | 14,234,601 | 78,551,411 | 5,423,283 | | | 5,423,283 | 368% | 7% |
| 3,036,108 | 30,343,575 | 22,362,955 | 19,588,095 | 19,964,398 | 19,549,976 | 114,845,107 | 6,679,382 | | | 6,679,382 | 220% | 6% |
| 468,668 | 4,207,609 | 4,167,821 | 4,200,055 | 3,853,979 | 3,864,621 | 20,762,753 | 16,829 | | | 16,829 | 4% | 0% |
| 2,709,461 | 12,043,218 | 12,243,938 | 12,234,543 | 12,349,886 | 12,083,188 | 63,664,235 | 902,421 | | | 902,421 | 33% | 1% |
| 7,689,389 | 61,501,324 | 55,281,352 | 52,357,679 | 51,261,375 | 49,732,387 | 277,823,505 | 13,021,916 | | | 13,021,916 | 169% | 5% |

Business Province-Wide Program

| | | | | | | | | | | | | | | | |
|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------------|------------------|--|--|--|--|------------------|-----|--|----|
| 468,323 | 3,487,030 | 3,580,648 | 3,623,691 | 3,554,978 | 3,421,706 | 18,136,376 | 174,012 | | | | | 174,012 | 37% | | 1% |
| 20,416,067 | 134,562,105 | 131,877,128 | 113,384,910 | 112,133,828 | 112,032,783 | 624,406,822 | 8,557,844 | | | | | 8,557,844 | 42% | | 1% |
| 466,956 | 3,200,612 | 34,660,648 | 28,105,025 | 23,077,122 | 22,703,429 | 140,213,792 | 0 | | | | | 0 | 0% | | 0% |
| 474,323 | 11,283,971 | 11,473,298 | 11,451,676 | 12,286,014 | 11,303,543 | 58,272,824 | 148,817 | | | | | 148,817 | 31% | | 0% |
| 25,314 | 1,075,496 | 1,072,985 | 1,072,985 | 1,078,124 | 1,083,124 | 5,406,485 | 0 | | | | | 0 | 0% | | 0% |
| 3,568,224 | 55,825,208 | 59,709,482 | 59,519,440 | 40,926,324 | 32,109,738 | 251,658,619 | 357,962 | | | | | 357,962 | 10% | | 0% |
| 10,000 | 622,379 | 437,772 | 226,228 | 145,366 | 108,141 | 1,549,885 | 9,180 | | | | | 9,180 | 92% | | 1% |
| 1,084,790 | 7,571,459 | 7,708,357 | 8,004,765 | 7,947,336 | 7,710,282 | 40,026,988 | 156,835 | | | | | 156,835 | 14% | | 0% |
| 26,513,997 | 245,628,261 | 250,520,299 | 225,394,540 | 201,154,094 | 190,463,572 | 1,139,674,762 | 9,404,650 | | | | | 9,404,650 | 35% | | 1% |

Local & Regional Program

| | | | | | | | | | | | | | | |
|---------|-----------|------------|------------|------------|------------|------------|-----|--|--|--|--|---|-----|----|
| 173,152 | 902,065 | 2,165,231 | 121,474 | 157,024 | 107,806 | 3,626,752 | n/a | | | | | 0 | n/a | 0% |
| 0 | 3,200,000 | 4,000,000 | 4,000,000 | 4,000,000 | 3,000,000 | 18,200,000 | n/a | | | | | 0 | n/a | 0% |
| 119,166 | 4,957,207 | 5,814,158 | 5,922,302 | 6,852,957 | 7,652,570 | 31,318,360 | n/a | | | | | 0 | n/a | 0% |
| 292,318 | 9,059,272 | 11,979,389 | 10,043,776 | 11,009,982 | 10,760,376 | 53,145,112 | n/a | | | | | 0 | n/a | 0% |

Pilot Program

[illegible]

Other

[illegible]

Sub-total - 2015-2020 Conservation First Framework

| | | | |
|-------|-----|-----|-----|
| Total | 100 | 100 | 100 |
|-------|-----|-----|-----|

| | | | | | | | | | | | | | | | | | | | |
|------------|-------------|-------------|-------------|-------------|-------------|---------------|------------|--|--|--|--|------------|-----|--|--|--|----|---------------|-------|
| 34,495,704 | 316,188,856 | 317,781,039 | 287,795,996 | 263,425,450 | 250,956,335 | 1,470,643,380 | 22,426,566 | | | | | 22,426,566 | 65% | | | | 2% | 1,835,264,933 | 1.22% |
|------------|-------------|-------------|-------------|-------------|-------------|---------------|------------|--|--|--|--|------------|-----|--|--|--|----|---------------|-------|

Final 2015 Annual Verified Results Report
June 30, 2016

Final 2015 Annual Verified Results Report

IESO Value Added Services Costs (as of March 31, 2016)

| # Reporting Level | | Program | Unit of Measure | Units (#) | | | | | | | Administrative Expenses (\$) | | | | | | |
|-------------------|-------------------------------|--------------------------------------------|-----------------|-----------|------|------|------|------|------|---------|------------------------------|------|------|------|------|------|-----------|
| | | | | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total |
| 1 | Horizon Utilities Corporation | Save on Energy Coupon Program | Coupons | 98,119 | 0 | 0 | 0 | 0 | 0 | 98,119 | 171,708 | 0 | 0 | 0 | 0 | 0 | 171,708 |
| 2 | | Save on Energy Heating and Cooling Program | Applications | 3,066 | 0 | 0 | 0 | 0 | 0 | 3,066 | 39,858 | 0 | 0 | 0 | 0 | 0 | 39,858 |
| Total | | | | 101,185 | 0 | 0 | 0 | 0 | 0 | 101,185 | 211,566 | 0 | 0 | 0 | 0 | 0 | 211,566 |
| | | | | | | | | | | | | | | | | | |
| 3 | Province Wide | Save on Energy Coupon Program | Coupons | 785,625 | 0 | 0 | 0 | 0 | 0 | 785,625 | 1,374,844 | 0 | 0 | 0 | 0 | 0 | 1,374,844 |
| 4 | | Save on Energy Heating and Cooling Program | Applications | 20,446 | 0 | 0 | 0 | 0 | 0 | 20,446 | 265,798 | 0 | 0 | 0 | 0 | 0 | 265,798 |
| Total | | | | 806,071 | 0 | 0 | 0 | 0 | 0 | 806,071 | 1,640,642 | 0 | 0 | 0 | 0 | 0 | 1,640,642 |

Final 2015 Annual Verified Results Report Methodology

General

All results are at the end-user level (not including transmission and distribution losses) and are based on activity completed on or after January 1, 2015 and on or before December 31, 2015 and reported to IESO by March 31, 2016.

Savings Calculations

| # | Project Type | Equations |
|---|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Prescriptive Measures and Projects Programs | Gross Reported Savings = Activity * Per Unit Assumption Savings Gross Verified Savings = Gross Reported Savings * Realization Rate Net Verified Savings = Gross Verified Savings * Net-to-Gross Ratio All savings are annualized (i.e. the savings are the same regardless of time of year a project was completed or measure installed) |
| 2 | Engineered and Custom Projects / Programs | Gross Reported Savings = Reported Savings Gross Verified Savings = Gross Reported Savings * Realization Rate Net Verified Savings = Gross Verified Savings * Net-to-Gross Ratio All savings are annualized (i.e. the savings are the same regardless of time of year a project was completed or measure installed) |
| 3 | Adjustments to Previous Years' Verified Results | All variances from the Final Annual Results Reports from prior years will be adjusted within this report. Any variances with regards to projects counts, data lag, and calculations etc., will be made within this report. Considers the annual effect of energy savings. |

2011-2014+2015 Extension Legacy Framework Initiatives

| # | Initiative | Attributing Savings to LDCs | Project List Date | Savings 'start' Date | Calculating Resource Savings |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | saveONenergy Conservation Instant Coupon Booklet | LDC-coded coupons directly attributed to LDC. Otherwise results are allocated based on average of 2008 & 2009 residential throughput. | March 31, 2016 | Savings are considered to begin in the year in which the coupon was redeemed. | Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level. |
| 2 | saveONenergy BI-Annual Retailer Event | Results are allocated based on average of 2008 & 2009 residential throughput. | March 31, 2016 | Savings are considered to begin in the year in which the event occurs. | |
| 3 | saveONenergy Appliance Retirement | Includes both retail and home pickup stream. Retail stream allocated based on average of 2008 & 2009 residential throughput; Home pickup stream directly attributed by postal code or customer selection. | March 31, 2016 | Savings are considered to begin in the year the appliance is picked up. | |
| 4 | saveONenergy HVAC Incentives | Results directly attributed to LDC based on customer applications and postal code. | March 31, 2016 | Savings are considered to begin in the year that the installation occurred. | |
| 5 | saveONenergy Residential New Construction | Results are directly attributed to LDC based on LDC identified in application in the iCon system. | March 31, 2016 | Savings are considered to begin in the year of the project completion date. | |
| 6 | saveONenergy Energy Audit | Projects are directly attributed to LDC based on LDC identified in the application. | March 31, 2016 | Savings are considered to begin in the year of the audit date. | Peak demand and energy savings are determined by the total savings resulting from an audit as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). |
| 7 | saveONenergy Efficiency: Equipment Replacement | Results are directly attributed to LDC based on LDC identified at the facility level in the iCon system. Projects in the Application Status: "Post-Stage Submission" are included (excluding "Payment denied by LDC"). Please see page for Building type to Sector mapping. | March 31, 2016 | Savings are considered to begin in the year of the actual project completion date in the iCon system. | Peak demand and energy savings are determined by the total savings for a given project as reported in the iCon system (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). Both realization rate and net-to-gross ratios can differ for energy and demand savings and depend on the mix of projects within an LDC territory (i.e. lighting or non-lighting project, engineered/custom/prescriptive track). |
| Additional Note: project counts were derived by filtering out invalid statuses (e.g. Post-Project Submission - Payment denied by LDC) and only including projects with an "Actual Project Completion Date" in 2014) | | | | | |
| 9 | saveONenergy Direct Installed Lighting | Results are directly attributed to LDC based on the LDC specified on the work order. | March 31, 2016 | Savings are considered to begin in the year of the actual project completion date. | Peak demand and energy savings are determined using the verified measure level per unit assumptions multiplied by the uptake of each measure accounting for the realization rate for both peak demand and energy to reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings take into account net-to-gross factors such as free-ridership and spillover for both peak demand and energy savings at the program level (net). |
| 10 | saveONenergy New Construction and Major Renovation Incentive | Results are directly attributed to LDC based on LDC identified in the application. | March 31, 2016 | Savings are considered to begin in the year in which the incentive project was completed. | Peak demand and energy savings are determined by the total savings for a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). |
| 11 | saveONenergy Existing Building Commissioning Incentive | | March 31, 2016 | | |
| 12 | saveONenergy Process & System Upgrades | Results are directly attributed to LDC based on LDC identified in application. | March 31, 2016 | Savings are considered to begin in the year in which the project was completed by the energy manager. If no date is specified the savings will begin the year of the Quarterly Report submitted by the energy manager. | Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). |
| 13 | saveONenergy Monitoring & Targeting | | March 31, 2016 | | |
| 14 | saveONenergy Energy Manager | | March 31, 2016 | | |
| 14 | saveONenergy Home Assistance Program | Results are directly attributed to LDC based on LDC identified in the application. | March 31, 2016 | Savings are considered to begin in the year in which the measures were installed. | Peak demand and energy savings are determined using the measure level per unit assumption multiplied by the uptake of each measure (gross), taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level. |
| 15 | Aboriginal Conservation Program | | March 31, 2016 | | |

2015-2020 Conservation First Framework Programs

| # | Program | Attributing Savings to LDCs | Project List Date | Savings 'Start' Date | Calculating Resource Savings |
|----|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Save on Energy Coupon Program | LDC-coded coupons directly attributed to LDC; Otherwise results are allocated based on average of 2008 & 2009 residential throughput. | March 31, 2016 | Savings are considered to begin in the year in which the coupon was redeemed. | Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level. |
| 2 | Save on Energy Heating and Cooling Program | Results directly attributed to LDC based on customer applications and postal code. LDCs may see additional participation, savings and spending relative to the March 2016 Value Added Services Report due to previously unassigned applications completed in 2015. Adjustments to reflect final 2015 verified participation will appear in your July 2016 Value Added Services Report to be issued on August 15, 2016 | March 31, 2016 | Savings are considered to begin in the year that the installation occurred. | |
| 3 | Save on Energy New Construction Program | Results are directly attributed to LDC based on LDC identified in CDM LDC Report Template. | March 31, 2016 | Savings are considered to begin in the year of the project completion date. | |
| 4 | Save on Energy Home Assistance Program | Results are directly attributed to LDC based on LDC identified in the application. | March 31, 2016 | Savings are considered to begin in the year in which the measures were installed. | |
| 5 | Save on Energy Audit Funding Program | Projects are directly attributed to LDC based on LDC identified in the application. | March 31, 2016 | Savings are considered to begin in the year of the audit date. | Peak demand and energy savings are determined by the total savings resulting from an audit as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). |
| 6 | Save on Energy Retrofit Program | Results are directly attributed to LDC based on LDC identified at the facility level in the saveONenergy CRM: Projects in the Application Status: "Post-Stage Submission" are included (excluding "Payment denied by LDC"); Please see page for Building type to Sector mapping. | March 31, 2016 | Savings are considered to begin in the year of the actual project completion date as reported in the CDM LDC Report Template | Peak demand and energy savings are determined by the total savings for a given project as reported in the ICON system (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). Both realization rate and net-to-gross ratios can differ for energy and demand savings and depend on the mix of projects within an LDC territory (i.e. lighting or non-lighting project, engineered/custom/prescriptive track). |
| 7 | Save on Energy Small Business Lighting Program | Results are directly attributed to LDC based on the LDC specified on the work order. | March 31, 2016 | Savings are considered to begin in the year of the actual project completion date. | Peak demand and energy savings are determined using the verified measure level per unit assumptions multiplied by the uptake of each measure accounting for the realization rate for both peak demand and energy to reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover for both peak demand and energy savings at the program level (net). |
| 8 | Save on Energy High Performance New Construction Program | Results are directly attributed to LDC based on LDC identified in the application. | March 31, 2016 | | Peak demand and energy savings are determined by the total savings for a given project as reported in the CDM LDC Report Template. Preliminary unverified net savings are calculated by multiplying reported savings by 2014 Net-to-gross ratios and realization rates. |
| 9 | Save on Energy Existing Building Commissioning Program | | March 31, 2016 | | |
| 10 | Save on Energy Process and Systems Upgrades Program | Results are directly attributed to LDC based on LDC identified in application. | March 31, 2016 | Savings are considered to begin in the year in which the project was in-service. | Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). |
| 11 | Save on Energy Monitoring and Targeting Program | Results are directly attributed to LDC based on LDC identified in the application; Initiative was not evaluated, no completed projects in 2011, 2012 or 2013. | March 31, 2016 | Savings are considered to begin in the year in which the incentive project was completed. | |
| 12 | Save on Energy Energy Manager Program | Results are directly attributed to LDC based on LDC identified in the application. | March 31, 2016 | Savings are considered to begin in the year in which the project was completed by the energy manager. If no date is specified the savings will begin the year of the Quarterly Report submitted by the energy manager. | |
| 13 | Business Refrigeration Incentive Program | Results are directly attributed to LDC based on LDC identified in the application. | March 31, 2016 | Savings are considered to begin in the year in which the measures were installed. | Peak demand and energy savings are determined using the verified measure level per unit assumptions multiplied by the uptake of each measure accounting for the realization rate for both peak demand and energy to reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover for both peak demand and energy savings at the program level (net). |
| 14 | Social Benchmarking Program | | March 31, 2016 | Savings are considered to begin in the year in which the report was sent. | Peak demand and energy savings are determined using the verified measure level (home) per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level (home). |
| 15 | First Nations Conservation Program | | March 31, 2016 | Savings are considered to begin in the year in which the measures were installed. | Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level. |

IESO Value Added Services Costs

- 1) IESO Value Added Services Costs are based on activity reported as of March 31, 2016.
- 2) Save on Energy Heating & Cooling Program activity may be greater than the March 2016 IESO Value Added Services Report due to previously unassigned applications being assigned to LDCs through the Evaluation, Measurement & Verification Process based on updated applicant postal code mappings. These additional applications and costs will be reflected in the July 2016 IESO Value Added Services Report.
- 3) Future years may include adjustments to prior years based on delays of Value-Added Service report submissions to IESO from IESO Value-Added Service providers.
- 4) IESO Value Added Services costs are calculated based on the prevailing IESO Value Added Services Rates as per the applicable IESO Central Services Strategy and Rate Guideline.

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Consumer Program Allocation Methodology

| # | Local Distribution Company | Allocation |
|----|--------------------------------------------------|------------|
| 1 | Algoma Power Inc. | 0.2207% |
| 2 | Atikokan Hydro Inc. | 0.0265% |
| 3 | Attawapiskat Power Corporation | 0.0255% |
| 4 | Bluewater Power Distribution Corporation | 0.6460% |
| 5 | Brant County Power Inc. | 0.1979% |
| 6 | Brantford Power Inc. | 0.7255% |
| 7 | Burlington Hydro Inc. | 1.3757% |
| 8 | Cambridge and North Dumfries Hydro Inc. | 0.9578% |
| 9 | Canadian Niagara Power Inc. | 0.5110% |
| 10 | Centre Wellington Hydro Ltd. | 0.1129% |
| 11 | Chapleau Public Utilities Corporation | 0.0379% |
| 12 | COLLUS PowerStream Corp. | 0.2858% |
| 13 | Cooperative Hydro Embrun Inc. | 0.0494% |
| 14 | E.L.K. Energy Inc. | 0.2270% |
| 15 | Enersource Hydro Mississauga Inc. | 3.9265% |
| 16 | Entegrus Powerlines Inc. | 0.7226% |
| 17 | EnWin Utilities Ltd. | 1.5542% |
| 18 | Erie Thames Powerlines Corporation | 0.3535% |
| 19 | Espanola Regional Hydro Distribution Corporation | 0.0821% |
| 20 | Essex Powerlines Corporation | 0.6539% |
| 21 | Festival Hydro Inc. | 0.3498% |
| 22 | Fort Albany Power Corporation | 0.0212% |

| | | |
|----|-------------------------------------------|----------|
| 23 | Fort Frances Power Corporation | 0.0995% |
| 24 | Greater Sudbury Hydro Inc. | 1.0276% |
| 25 | Grimsby Power Incorporated | 0.2279% |
| 26 | Guelph Hydro Electric Systems Inc. | 0.8983% |
| 27 | Haldimand County Hydro Inc. | 0.4244% |
| 28 | Halton Hills Hydro Inc. | 0.5475% |
| 29 | Hearst Power Distribution Company Limited | 0.0667% |
| 30 | Horizon Utilities Corporation | 4.0429% |
| 31 | Hydro 2000 Inc. | 0.0390% |
| 32 | Hydro Hawkesbury Inc. | 0.1394% |
| 33 | Hydro One Brampton Networks Inc. | 2.8180% |
| 34 | Hydro One Networks Inc. | 29.9788% |
| 35 | Hydro Ottawa Limited | 5.5954% |
| 36 | InnPower Corporation | 0.3951% |
| 37 | Kashechewan Power Corporation | 0.0286% |
| 38 | Kenora Hydro Electric Corporation Ltd. | 0.0989% |
| 39 | Kingston Hydro Corporation | 0.5014% |
| 40 | Kitchener-Wilmot Hydro Inc. | 1.6310% |
| 41 | Lakefront Utilities Inc. | 0.1907% |
| 42 | Lakeland Power Distribution Ltd. | 0.2906% |
| 43 | London Hydro Inc. | 2.7308% |
| 44 | Midland Power Utility Corporation | 0.1196% |
| 45 | Milton Hydro Distribution Inc. | 0.5695% |
| 46 | Newmarket-Tay Power Distribution Ltd. | 0.6607% |
| 47 | Niagara Peninsula Energy Inc. | 0.9945% |
| 48 | Niagara-on-the-Lake Hydro Inc. | 0.1586% |
| 49 | Norfolk Power Distribution Inc. | 0.3495% |
| 50 | North Bay Hydro Distribution Limited | 0.5333% |

| | | |
|--------------|-------------------------------------------------|------------------|
| 51 | Northern Ontario Wires Inc. | 0.1061% |
| 52 | Oakville Hydro Electricity Distribution Inc. | 1.4632% |
| 53 | Orangeville Hydro Limited | 0.2120% |
| 54 | Orillia Power Distribution Corporation | 0.2722% |
| 55 | Oshawa PUC Networks Inc. | 1.2283% |
| 56 | Ottawa River Power Corporation | 0.1974% |
| 57 | Peterborough Distribution Incorporated | 0.7132% |
| 58 | PowerStream Inc. | 6.6383% |
| 59 | PUC Distribution Inc. | 0.8687% |
| 60 | Renfrew Hydro Inc. | 0.0775% |
| 61 | Rideau St. Lawrence Distribution Inc. | 0.1120% |
| 62 | Sioux Lookout Hydro Inc. | 0.0841% |
| 63 | St. Thomas Energy Inc. | 0.2939% |
| 64 | Thunder Bay Hydro Electricity Distribution Inc. | 0.8738% |
| 65 | Tillsonburg Hydro Inc. | 0.1280% |
| 66 | Toronto Hydro-Electric System Limited | 12.7979% |
| 67 | Veridian Connections Inc. | 2.3525% |
| 68 | Wasaga Distribution Inc. | 0.1799% |
| 69 | Waterloo North Hydro Inc. | 1.0019% |
| 70 | Welland Hydro-Electric System Corp. | 0.3879% |
| 71 | Wellington North Power Inc. | 0.0632% |
| 72 | West Coast Huron Energy Inc. | 0.0653% |
| 73 | Westario Power Inc. | 0.5411% |
| 74 | Whitby Hydro Electric Corporation | 0.8651% |
| 75 | Woodstock Hydro Services Inc. | 0.2548% |
| Total | | 100.0000% |

Results can be allocated based on average of 2008 & 2009 residential throughput for each LDC (below) when additional information is not available. Source: OEB Yearbook Data 2008 & 2009

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Glossary

| # | Term | Definition |
|----|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | 2011-2014+2015 Extension Legacy Framework Programs | Programs in market from 2011-2015 resulting from the April 23, 2010 GEA CDM Ministerial Directive and funded separately from 2015-2020 Conservation First Framework Programs but whose savings in 2015 are attributed towards the 2015-2020 Conservation First Framework target. |
| 2 | 2015-2020 Conservation First Framework Programs | Programs in market from 2015-2020 resulting from the March 31, 2014 CFF Ministerial Directive and funded separately from 2011-2014+2015 Extension Legacy Framework Programs. |
| 3 | Allocated Target | Each LDC's assigned portion of the Province's 7 TWh Net 2020 Annual Energy Savings Target of the 2015-2020 Conservation First Framework. |
| 4 | Allocated Budget | Each LDC's assigned portion of the Province's \$ 1.835 billion CDM Plan Budget of the 2015-2020 Conservation First Framework. |
| 5 | Province-Wide Program | Programs available to all LDCs to deliver and that are consistent across the province. |
| 6 | Regional Program | Programs designed by LDCs to serve their region and approved by the IESO. |
| 7 | Local Program | Programs designed by LDCs to serve their communities and approved by the IESO. |
| 8 | Pilot Program | A program pilot that may achieve energy or demand savings and is funded extraneous to an LDC's CDM Plan Budget. |
| 9 | Initiative | A Conservation & Demand Management offering focusing on a particular opportunity or customer end-use (i.e. Retrofit, Fridge & Freezer Pickup) from the 2011-2014+2015 Extension Legacy Framework. |
| 10 | Program | A Conservation & Demand Management offering focusing on a particular opportunity or customer end-use (i.e. Retrofit, Fridge & Freezer Pickup) from the 2015-2020 Conservation First Framework. |
| 11 | Activity | The number of projects. |

| | | |
|----|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12 | Unit | For a specific initiative the relevant type of activity acquired in the market place (i.e. appliances picked up, projects completed, coupons redeemed). |
| 13 | Forecast | LDC's forecast of activity, savings, expenditures and cost effectiveness as indicated in each LDC's submitted CDM Plan Cost Effectiveness Tools. |
| 14 | Actual | The IESO determined final results of activity, savings, expenditures and cost effectiveness. |
| 15 | Progress | A comparison of Actuals versus Forecasts. |
| 16 | Full Cost Recovery Progress | For a given year, the percentage calculated by dividing: a) the sum of verified electricity savings for all years of the term up to and including the applicable year for all Programs that receive full cost recovery funding, by b) the Cumulative FCR Milestone, multiplied by 100%, as specified in Schedule A of the Energy Conservation Agreement. |
| 17 | Reported Savings | Savings determined by the LDC: 1) for prescriptive projects/programs: calculating quantity x prescriptive savings assumptions; and 2) for engineered or custom program projects/programs: calculated using prescribed methodologies. |
| 18 | Verified Savings | Savings determined by the IESO's evaluation, measurement and verification that may adjust reported savings by the realization rate. |
| 19 | Gross Savings | Savings determined as either: 1) program activity multiplied by per unit savings assumptions for prescriptive programs; or 2) reported savings multiplied by the realization rate for engineered or custom program streams. |
| 20 | Net Savings | The peak demand or energy savings attributable to conservation and demand management activities net of free-riders, etc. |
| 21 | Realization Rate | A comparison of observed or measured (evaluated) information to original reported savings which is used to adjust the gross savings estimates. |
| 22 | Net-to-Gross Adjustment | The ratio of net savings to gross savings, which takes into account factors such as free-ridership and spillover. |
| 23 | Free-ridership | The percentage of participants who would have implemented the program measure or practice in the absence of the program. |

| | | |
|----|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 24 | Spillover | Reductions in energy consumption and/or demand caused by the presence of the energy efficiency program, beyond the program-related gross savings of the participants. There can be participant and/or non-participant spillover. |
| 25 | Incremental Savings | The new resource savings attributable to activity procured in a particular reporting period based on when the savings are considered to 'start'. |
| 26 | First Year Savings | The peak demand or energy savings that occur in the year it was achieved (includes resource savings from only new program activity). |
| 27 | Annual Savings | The peak demand or energy savings that occur in a given year (includes resource savings from new program activity and resource savings persisting from previous years). |
| 28 | Demand Savings | Demand savings attributable to conservation and demand management activities. |
| 29 | Energy Savings | Energy savings attributable to conservation and demand management activities. |
| 30 | Administrative Expenses | Costs incurred in the delivery of a program related to labour, marketing, third-party expenses, value added services or other central services. |
| 31 | Participant Incentives | Costs incurred in the delivery of a program related to incenting participants to perform peak demand or energy savings. |
| 32 | Total Expenditure | The sum of Administrative Expenses and Participant Incentives |
| 33 | Total Resource Cost Cost Effectiveness Test | A cost effectiveness test that measures the net cost of CDM based on the total costs of the program including both participants' and utility's costs. |
| 34 | Program Administrator Cost Cost Effectiveness Test | A cost effectiveness test that measures the net cost of CDM based on costs incurred by the program administrator, including incentive costs and excluding net costs incurred by the participant. |
| 35 | Levelized Unit Energy Cost Cost Effectiveness Test | A cost effectiveness test that normalizes the costs incurred by the program administrator per unit of energy or demand reduced. |