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August 18, 2021

BY RESS

Ms. Christine Long, Board Secretary
ONTARIO ENERGY BOARD
2300 Yonge Street, 26th Floor, P.O. Box 2319
TORONTO, ON M4P 1E4

Re: Board File No. EB-2021-0038
Kitchener-Wilmot Hydro Inc. - Licence No. ED-2002-0573
Application for Approval of 2022 Electricity Distribution Rates

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Dear Ms. Long:

On June 24, 2021, the Ontario Energy Board ("OEB" or the "Board") issued its *Filing Requirements for Electricity Distribution Rate Applications – for 2022 Rate Applications, Chapter 3 for Incentive Rate-Setting Applications*. Accordingly, Kitchener-Wilmot Hydro Inc. (the "Applicant" or "KWHI") submits its 2022 Distribution Rate Application for rates effective January 1, 2022. All procedures and filing requirements as outlined in the Board's IRM Report and subsequent filing guidelines were followed in the preparation of this submission and in the development of the adjusted rates, utilizing the Board's models as required.

KWHI's submission, which has been electronically filed through the Board's web portal, includes the covering letter, Manager's Summary, completed copies of the 2022 IRM Rate Generator, IRM Checklist, KWHI's current and proposed Tariff Sheets, the GA Workform, the 2022 LRAMVA Workform and supporting documentation.

KWHI requests that the writer be the main contact for this IRM Application.

As a result of adjustments made by the 2022 IRM Rate Generator, subject to adjustments to be made by Board staff as required, the estimated bill impact for residential customers consuming 750 kWh per month would result in an increase in the total bill of 2.65% or $3.04. A General Service<50 kW, 2000 kWh per month customer would experience an increase of 2.77% or $8.23.

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KWHI is requesting the adjusted rates be approved for implementation on January 1, 2022. Consumption will be pro-rated with pre-January 1st consumption at the existing rates and post- January 1st consumption at the new rates.

Contact the undersigned should you require any further information.

Respectfully submitted,

Original Signed By:

Margaret Nanninga, MBA, CPA, CGA
Vice President Finance & CFO

kb/attachments

IN THE MATTER OF the *Ontario Energy Board Act, 1998*, S.O. 1998, c.15, (Schedule B).

AND IN THE MATTER OF an Application by Kitchener-Wilmot Hydro Inc. to the Ontario Energy Board for an Order or Orders approving or fixing just and reasonable distribution rates and other service charges to be effective January 1, 2022.

Application

1. The Applicant is Kitchener-Wilmot Hydro Inc. ("KWHI"). KWHI is incorporated pursuant to the Ontario Business Corporations Act with its head office in the City of Kitchener, Ontario. KWHI distributes electricity within the City of Kitchener and the Township of Wilmot.
2. KWHI hereby applies to the Ontario Energy Board (the "Board") for an order or orders made pursuant to Section 78 of the Ontario Energy Board Act, 1998, as amended, (the "OEB Act") approving just and reasonable rates for the distribution of electricity based on the Renewed Regulatory Framework for Electricity using the Price Cap methodology.
3. Specifically, KWHI hereby applies for an order or orders granting distribution rates updated and adjusted in accordance with Chapter 3 of the *Filing Requirements for Electricity Distribution Rate Applications* updated June 24, 2021 (“Filing Requirements”), including the following:
    a. An adjustment to KWHI’s existing distribution rates calculated by the OEB’s inflation factor less the productivity factor and stretch factor;
    b. An adjustment to the retail transmission service rates as provided in the OEB’s *Guideline G-2008-0001: Electricity Distribution Retail Transmission Service Rates (RTSR)*, Revision 4.0 dated June 28, 2012;

c. Disposition of its Group 1 deferral and variance accounts;

d. A lost revenue adjustment mechanism (LRAM) rate rider to collect the lost revenues as at December 31, 2019;

e. An order from the OEB to align the IESO invoicing of the unbilled historical amounts with KWHI's collection of such amounts in accordance with the OEB's Decision and Order in respect of this Application.

4. This Application is supported by written evidence that may be amended from time to time, prior to the Board's final Decision on this Application.
5. In the event that the Board is unable to provide a Decision and Order in this Application for implementation by the Applicant as of January 1, 2022, KWHI requests that the Board issue an Interim Rate Order declaring the current Distribution Rates and Specific Service Charges as interim until the decided implementation date of the approved 2022 distribution rates.
6. In the event that the effective date does not coincide with the Board's decided implementation date for 2022 distribution rates and charges, KWHI requests permission to recover the incremental revenue from the effective date to the implementation date.
7. The Applicant requests that, pursuant to Section 34.01 of the Board's Rules of Practice and Procedure, this proceeding be conducted by way of written hearing.

DATED at Kitchener, Ontario, this 18th day of August 2021.

All of which is respectfully submitted,

Original Signed by:

Margaret Nanninga, MBA, CPA, CGA
Vice President Finance and CFO

Certification of Evidence

As the Vice-President Finance and Chief Financial Officer of Kitchener-Wilmot Hydro Inc., I certify that the evidence filed in KWHI's 2022 IRM Rate Application is accurate and complete to the best of my knowledge. The filing is consistent with the requirements of Chapter 3 of the *Filing Requirements for Transmission and Distribution Rate Applications* revised on June 24, 2021.

I also certify that KWHI has processes and internal controls in place for the preparation, review, verification, and oversight of the account balances being disposed, consistent with the certification requirements in Chapter 1 of the filing requirements.

Certification of Personal Information

As the Vice-President Finance and Chief Financial Officer of Kitchener-Wilmot Hydro Inc., I certify that the evidence filed in KWHI's 2022 IRM Rate Application does not include any personal information. The filing is consistent with the requirements of Chapter 1 of the *Filing Requirements for Transmission and Distribution Rate Applications* revised on June 24, 2021.

Original Signed by:

Margaret Nanninga, MBA, CPA, CGA
Vice President Finance and CFO

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Introduction

Kitchener-Wilmot Hydro Inc. ("KWHI") (License No. ED-2002-0573) distributes electricity to approximately 99,800 customers within the City of Kitchener (primarily urban) and the Township of Wilmot (primarily rural), which contains seven (7) small communities.

The primary contact for the Application is:

Margaret Nanninga, MBA, CPA, CGA
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Legal Counsel

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All ratepayers within KWHI's service territory will be affected by this Application. This Application can be viewed on KWHI's website at www.kwhydro.ca.

KWHI has used the 2022 IRM Rate Generator (version 1.0) for this Application. KWHI reviewed the pre-populated Rate Application model, attached as Appendix B for accuracy. Tab 17 – Retailer charges incorrectly lists the Notice of Switch letter with a current charge of $2.00. This should be $2.08. In addition, Tab 19. Final Tariff Schedule lists the Notice of Switch letter as $2.08. It should be $2.08 plus the rate of inflation – currently 2.2% or $2.13.

The model has also been submitted in live Excel version.

KWHI is requesting clearance of its Group 1 deferral and variance account balances and a rate rider for its LRAMVA balances. KWHI is also requesting an order from the OEB to align the IESO invoicing of the unbilled historical amounts with KWHI's collection of such amounts in accordance with the OEB's decision and order in respect of this Application.

Summary of Application

Annual Adjustment Mechanism

KWHI has used the 2021 rate-setting parameters (2.2% Price Escalator, Stretch Factor 0.15% and Productivity Factor of 0.0%) as a placeholder until the stretch factor and inflation factors are updated by the OEB. KWHI understands that when these factors are set, Board staff will update the model and KWHI will have an opportunity to comment on its accuracy. Proposed distribution rates are as per Table 1 below:

Table 1

		EB-2021-0074		EB-2021-0038	
	Billing Determinant	Monthly Service Charge	Volumetric Charge	Monthly Service Charge	Volumetric Charge
Residential	kWh	22.94	-	23.41	-
General Service Less Than 50 kW	kWh	28.07	0.0135	28.65	0.0138
General Service 50 To 4,999 kW	kW	186.99	4.8141	190.82	4.9128
Large Use	kW	17,392.86	1.5975	17,749.41	1.6302
Unmetered Scattered Load	kWh	7.52	0.0146	7.67	0.0149
Street Lighting	kW	0.70	4.7364	0.71	4.8335
Embedded Distributor	kW	-	2.4675	-	2.5181

The annual adjustment mechanism will not be applied to the following rate components:

- Rate Riders
- Rate Adders
- Low Voltage Service Charges
- Retail Transmission Service Rates
- Wholesale Market Service Rate
- Rural and Remote Rate Protection Benefit and Charge
- Standard Supply Service – Administrative Charge

- Capacity Based Recovery
- MicroFIT Service Charge
- Specific Service Charges
- Transformation and Primary Metering Allowances
- Smart Metering Entity Charge

KWHI is not seeking relief for any of the excluded items listed in Section 3.2.1.1 of the *Filing Requirements for Electricity Distribution Rate Applications* dated June 24, 2021.

Proposed Tariff of Rates and Charges

Included in the Rate Generator file is a detailed listing of KWHI's 2022 proposed rates and charges. This has been included in this Application as Appendix E – Proposed Tariffs. KWHI has included a .pdf copy of its current tariff sheet (2021 rates) as Appendix A – Current Tariffs, as required by the Board Filing Guidelines.

Summary Bill Impacts

KWHI has used the 2022 IRM Rate Generator to calculate the bill impacts by rate class, holding the commodity rates and regulatory charges constant. Table 2 summarizes the results for the KWHI's classes:

Table 2

Rate Class	Consumption/ Demand	Billing Determinant	Increase/(Decrease) ($)	Increase/(Decrease) (%)
Residential TOU	750	kWh	$ 3.04	2.65%
General Service < 50 kW	2000	kWh	$ 8.23	2.77%
General Service > 50 kW	60	kW	$ 86.05	1.34%
Large Use	5250	kW	$ 8,026.80	1.04%
Streetlighting	37	kW	$ (0.72)	-0.08%
Unmetered Scattered Load	2000	kWh	$ 8.40	3.05%
Embedded Distributor	3600	kW	$ 6,838.20	28.42%

KWHI proposes that no rate mitigation is necessary. Only the Embedded Distributor class has a bill impact greater than 10%. This is a result of the increase in Uniform Transmission rates that result in higher Retail Transmission rates for the rate class and also the IESO historical amount. The Embedded Distributor bill does not include commodity costs and the RTSRs and rate riders reflect a large portion of the bill. As discussed below, KWHI has been in contact with the Embedded Distributor, and they support this Application.

Revenue-to-Cost Ratio Adjustments

The Revenue-to-Cost ratios applied for in KWHI's last filed a Cost of Service Application (EB-2019-0049) are within Board specified target ranges. As a result of that Decision, no adjustments are required to KWHI's approved Revenue–to–Cost ratios.

Rate Design for Residential Customers

KWHI has completed the implementation of fixed rates for Residential customers.

Retail Transmission Service Rates

The Board's Revision 4.0 to *Guideline G-2008-0001 – Electricity Distribution Retail Transmission Service Rates* ("RTSRs") was issued June 28, 2012. Based on the most recent Decision and Rate Order of the Board (EB-2021-0176), new Uniform Transmission Rates ("UTRs") were effective July 1, 2021, and are as follows:

- Network Service Rate of $4.90 per kW; and
- Line Connection Service Rate of $0.81 per kW; and
- Transformation Connection Service Rate of $2.65 per kW

The Applicant passes on these UTR charges through two (2) RTSRs. These retail transmission rates are as follows:

- Retail Transmission Rate – Network Service Rate

- Retail Transmission Rate – Line and Transformation Connection Service Rate

KWHI has populated the 2022 IRM Rate Generator model with the requested historical data. KWHI does not pay any Transformation Connection charges to the IESO as it owns all its own transformer stations.

In December 2020, KWHI was informed by the Independent Electricity System Operator ("IESO") that KWHI had not been billed for a meter point since June of 2015. In order to calculate the correct Network RTSR and to mitigate the variance in the retail transmission network account, KWHI has added to its 2020 billed volumes and dollars the volumes and charges that were missing as a result of the missing meter point to determine accurate RTSRs for 2022. The missing units and charges for 2020 can be found in Appendix F. Adding missing units and dollars to calculate the Network RTSR is consistent with the Decision issued in EB-2021-0074. The updated volumes and dollars are as per Table 3 below:

Table 3

IESO	Network					
Month	Units Billed	Units not billed in error	Total Units	Amount Billed	Amount not billed in error	Total Amount
January	239,355	22,180	261,535	$ 938,272	$ 86,946	$ 1,025,217
February	238,150	22,092	260,242	933,548	86,601	1,020,149
March	223,866	20,618	244,484	877,555	80,823	958,377
April	197,795	18,775	216,570	775,356	73,598	848,954
May	295,253	28,179	323,432	1,157,392	110,462	1,267,853
June	292,883	28,004	320,887	1,148,101	109,776	1,257,877
July	349,267	32,705	381,972	1,369,127	128,204	1,497,330
August	332,579	31,755	364,334	1,303,710	124,480	1,428,189
September	278,048	26,322	304,370	1,089,948	103,182	1,193,130
October	221,799	21,160	242,959	869,452	82,947	952,399
November	242,982	23,755	266,737	952,489	93,120	1,045,609
December	293,613	-	293,613	1,150,963	-	1,150,963
Total	**3,205,590**	**275,545**	**3,481,135**	**$ 12,565,913**	**$ 1,080,136**	**$ 13,646,049**

The 2022 IRM Rate Generator has determined the proposed RTSRs and they are set out in Table 4 below:

Table 4

		Current		Proposed	
		RTSR Network	RTSR Connection	RTSR Network	RTSR Connection
Residential	kWh	0.0081	0.0013	0.0088	0.0014
General Service Less Than 50 kW	kWh	0.0070	0.0012	0.0076	0.0013
General Service 50 To 4,999 kW	kW	3.7361	0.6720	4.0407	0.7317
Large Use	kW	3.5115	0.6318	3.7978	0.6879
Unmetered Scattered Load	kWh	0.0070	0.0012	0.0076	0.0013
Street Lighting	kW	2.2719	0.4091	2.4571	0.4454
Embedded Distributor	kW	3.5226	0.6339	3.8098	0.6902

KWHI notes that if any changes to the model are required as a result of issuing UTR adjustments, Board Staff will incorporate the changes and KWHI will have an opportunity to comment on the accuracy of OEB staff updates.

The primary driver of the proposed increase in RTSRs is the increase in UTRs. The UTR for network has increased by 4.9% since KWHI last set its RTSRs and the UTR for connection has increased by 5.2%.

Deferral and Variance Accounts

KWHI is requesting disposition of its Group 1 Deferral and Variance account balances. KWHI is proposing to dispose of the balances by means of a rate rider of one year. The total claim is $5,598,512 and is displayed in Table 5 below:

Table 5

	Account Number	Principal	Interest	Claim
Smart Metering Entity Charge Variance Account	1551	(8,939)	19	(8,920)
RSVA - Wholesale Market Service Charge	1580	(941,679)	(7,115)	(948,794)
Variance WMS – Sub-account CBR Class B	1580	(52,594)	(910)	(53,504)
RSVA - Retail Transmission Network Charge	1584	6,393,599	1,409	6,395,008
RSVA - Retail Transmission Connection Charge	1586	40,831	(99)	40,731
RSVA - Power	1588	(315,874)	721	(315,153)
RSVA - Global Adjustment	1589	482,232	6,912	489,144
		5,597,576	936	5,598,512

Continuity Schedule

KWHI has populated the worksheet *3, Continuity Schedule* of the 2022 IRM Rate Generator with its data. KWHI can confirm the accuracy of the prepopulated data on worksheet *4, Billing Det. For Def-Var*.

Projected carrying charges for 2021 have been calculated using the prescribed interest rates as released by the Board using December 31, 2020 audited balances with the exception of account 1584 as noted below.

The ending balances of Group 1 accounts agree with the amounts reported to the Board through KWHI's RRR 2.1.7 with the following exceptions:

- Account 1584 – RSVA Network Services. At year end, KWHI recorded the historical amount liability for account 1584 including interest since June 2015. The IESO will not be charging KWHI interest and so the amount of $271,371 has been removed from the continuity schedule.

- Account 1568 – LRAM – KWHI records an amount in this account only when approved for disposition by the OEB. The amount reported in the 2020 2.1.7 trial balance is the amount approved for disposition in KWHI's 2021 IRM (EB-2020-0038). The amount of the variance is equal to the 2022 LRAM claim.

- Account 1588 – RSVA - Power, Column BF shows the adjustment as per the May 23rd, 2017, letter *Guidance on Disposition of Accounts 1588 and 1589.* Column BF includes the accrual for the RPP settlement true ups for 2020 of ($860,763) and the true up of the 2020 GA ($117,033) recorded in 2021.

- Account 1589 – RSVA Global Adjustment Column BF shows the adjustment as per the May 23rd, 2017, letter *Guidance on Disposition of Accounts 1588 and 1589.* Column BF includes the accrual for the GA true up for 2020 ($117,033).

- Account 1595 – The balance reported for Account 1595 (2020) in Column BV includes the balance of 1595 (2018) and 1595 (2019). The correct balance for cell BV 36 should be a credit of $87,477, which would result in no discrepancy.

Account 1584

In December 2020, the IESO informed KWHI that it had not billed KWHI for network service charges for a single network deliver meter point at the Kitchener MTS 9 facility since June 8, 2015. This error was the result of an improper end date being input into the IESO system used to bill for network service charges. KWHI was not involved in setting the end date nor does KWHI access this IESO system. A detailed listing of the missing kW and charges by month is included in Appendix F of this Application.

Following OEB guidance in its letter dated October 31, 2019, KWHI immediately informed the OEB of the error and asked for further guidance. In January 2021, KWHI filed an Application to change its 2021 approved RTSRs due to the missing billed units and charges (EB-2021-0074). This IRM Application seeks to dispose of the unbilled network service charges for the single meter delivery point that occurred between June 8th, 2015, and November 30th, 2020.

According to the IESO and as disclosed in EB-2021-0074, the transmitter business role for the network delivery point at Kitchener MTS 9 facility was end dated for June 8, 2015. As a result of the record being end dated, network service charges were not collected by the IESO from KWHI in respect of one network delivery point.

In a letter the OEB issued on October 31,2019, the OEB stated that it would evaluate errors on a case by case basis based on the particular circumstances including factors such as:

- Whether the error was within the control of the distributor
- The frequency with which the distributor has made the same error
- Failure to follow guidance provided by the OEB

- The degree to which other distributors are making the similar errors

Using these factors:

- KWHI can confirm that it is not in control of the error. KWHI relies on the IESO to provide accurate invoicing. The error was a data input error into an IESO system. KWHI provided all forms the IESO requested to set the meter point in the IESO billing system.

- KWHI has not been made aware of any other billing error by the IESO. KWHI did not make any errors in recording the amounts payable to the IESO or in the disposition of its Deferral and Variance amounts.

- KWHI is following all guidance issued by the OEB, including Article 490 of the Accounting Procedures Handbook and the October 31, 2019 letter.

- This error was not made by a distributor. This error was within an IESO system which KWHI does not access. The IESO is required by market rules to charge the KWHI for the missing meter point. Had the error not occurred, KWHI would have charged its customers for all meter points during the past 6 years.

The network charge is a pass-through charge. KWHI will not benefit from the error. If KWHI pays the historical amount to the IESO and subsequently is unable to collect the amount from its customers, the financial viability of KWHI is at risk. It is estimated that KWHI's ROE would fall to 3.8%, which is more than 300 basis points below KWHI's approved ROE of 8.52%.

This Application is only seeking to collect the charges not billed by the IESO.

In May of 2021, the IESO informed KWHI that it was planning to invoice the outstanding unbilled amount in June 2021 which, under the Market Rules, KWHI would have two days to pay. In subsequent discussions, KWHI asked the IESO to delay billing the amount owing

until KWHI filed this Rate Application and received an OEB Decision on the collectability of this amount from its customers.

KWHI is requesting an order from the OEB to align the IESO invoicing of the unbilled historical amounts with KWHI collection of such amounts in accordance with the OEB's Decision and Order in respect of this Application. KWHI understands that the IESO has agreed to delay invoicing KWHI for the historical amounts until such time as the OEB renders a Decision with respect to the historical amounts. KWHI further understands that the IESO will comply with the terms of an OEB Order in respect of the outstanding and unbilled amounts.

KWHI is proposing to collect the unbilled historical amounts over a one year period.

Collection of the historical amount by the IESO through invoicing that matches the collection of the rate rider from KWHI's customers will minimize bill impacts for KWHI's customers. In addition, clearance of the historical amount over one year will also reduce future interest costs for KWHI, benefiting the consumer by an estimated $86,700 in forgone interest charges at current interest rates.

KWHI has assessed the bill impacts by customer class and has determined that the increase in the total bill before taxes is between -0.3% and 3.1% for all classes except the Embedded Distributor. The Embedded Distributor does not pay KWHI for the commodity (as the IESO bills this directly to the Embedded Distributor) so its bill impact is higher at approximately 28%. KWHI has notified the Embedded Distributor of its proposal and its bill impact, and it has accepted the proposed one-year disposition of the historical amount, recognizing that clearing the amount benefited all parties involved, including the end consumer.

Proposed Deferral/Variance account rate riders for this Application are as per Table 6:

Table 6

	Residential		General Service Less Than 50 kW		General Service 50 To 4,999 kW		Large Use		Unmetered Scattered Load		Street Lighting		Embedded Distributor	
Rate Rider for Disposition of Deferral/Variance Accounts (2022)	0.0029	kWh	0.0029	kWh	1.3713	kW	1.3611	kW	0.0029	kWh	1.0292	kW	1.5652	kW
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - Applicable only for Non-Wholesale Market Participants					(0.2869)	kW								
Rate Rider for Disposition of Global Adjustment Account (2022) - Applicable to Non-RPP customers	0.0010	kWh	0.0010	kWh	0.0010	kWh					0.0010	kWh		

Wholesale Market Participants

KWHI has six Wholesale Market Participants. No Wholesale Market Participant has been allocated balances from 1580, 1588 or 1589.

Global Adjustment

The rate rider calculated for non-RPP customers for the disposition of the GA balance is in kWh. The rate rider applies only to Class B non-RPP customers.

KWHI had two customers transition from Class B to Class A in the period when the GA balance accumulated. KWHI has filled out the transition worksheets for these customers and has allocated a GA variance amount to each.

GA Analysis Workform

KWHI has completed version 1.0 of the GA Analysis Workform for the year 2020. KWHI did not calculate a volume variance using the table provided in the GA Workform, as KWHI uses a monthly consumption and actual GA rates for its analysis. The analysis shows that the balance in Account 1589 is reasonable for 2020.

KWHI performed the reasonability test for account 1588 as part of the GA Workform. The balance in Account 1588 is reasonable.

KWHI has fully implemented the OEB's February 21, 2019, Accounting Guidance for Account 1588 and 1589 effective January 1, 2019. Balances to December 31, 2019 have been disposed as final in KWHI's 2021 IRM Application (EB-2020-0035).

Capacity Based Recovery (CBR)

KWHI last disposed of its balances in the CBR Class B sub account in 2019. KWHI is proposing to dispose of the balance in its Account 1580 sub account CBR as per OEB's Accounting Guidance. There is no balance in Account 1580 Sub account CBR Class A. KWHI is not an embedded distributor.

KWHI served Class A customers in the time that CBR Class B balances accumulated. KWHI has filled in the Rate Generator for customers who transitioned between Class A and Class B in the year 2020. A portion of the CBR balance has been allocated to these customers.

The balance, after allocating an amount to the transition customers, results in a volumetric rate rider that rounds to zero at the fourth decimal place in at least one rate class, so the entire balance is added to the account 1580 Wholesale Market Service control account.

1595 Balances

The 1595 Analysis Workform was not completed. KWHI has a balance in its 1595 (2018), 1595 (2019) and 1595 (2020) variance accounts. The rate riders associated balance in 1595 (2018) expired on April 30, 2019, and therefore the account is not eligible for disposition until January 1, 2023. Since no balances are eligible for disposition, KWHI has not filed the 1595 Analysis Workform.

Lost Revenue Adjustment Mechanism

The Lost Revenue Adjustment Mechanism Variance Account ("LRAMVA") is a retrospective adjustment designed to account for differences between forecast revenue loss attributable to Conservation and Demand Management ("CDM") activity embedded in rates and actual

revenue loss due to the impacts of CDM programs. The OEB established Account 1568 as the LRAMVA to capture the difference between the OEB-approved CDM forecast and actual results at the customer rate class level.

At a minimum, distributors must apply for the clearance of its energy and/or demand related LRAMVA balances attributable to energy efficiency programs in a Cost of Service Application. Distributors may apply for the disposition of the balance in the LRAMVA on an annual basis as part of their IRM rate applications if the balance is deemed significant by the Applicant.

Beginning on January 1, 2015, new CDM guidelines were implemented by electricity distributors to carry out initiatives under a new Conservation First Framework ("CFF"), established by the Ministry of Energy, Northern Development and Mines ("MENDM"). On March 20, 2019, the MENDM issued separate directives to the OEB and IESO mandating the discontinuance of the CFF and replaced it with an Interim Framework that ran through December 31, 2020. Minister of Energy directives have extended the in-service deadlines for CFF projects until December 31, 2021, due to delays caused by the COVID-19 emergency, giving LDC's continuing access to loss revenue adjustment mechanism for conservation program activities attributable to the CFF.

KWHI is applying for disposition of the balance in its 2019 LRAMVA account resulting from its CDM activities in 2013 – 2019. This includes savings persisting from programs delivered during 2013-2018 and new programs placed in service in 2019. The total amount requested for disposition (inclusive of carrying charges), identified in Table 7 below, is a debit of $874,417 through to December 31, 2021.

Table 7

	Principal ($)	Interest ($)	Total ($)
2019	849,363	25,054	**874,417**

KWHI considers the amount significant as it is above its materiality threshold of $275,000, defined by the OEB as 0.5% of distribution revenue requirement.

KWHI's actual savings from CDM activities for 2019 were above the estimated projections used in the load forecast in its Cost of Service Rate Application (EB-2013-0147), resulting in an under-collection of distribution revenue from customers during this period. KWHI's most recent rate application for the recovery of lost revenues due to CDM activities was filed in its 2021 IRM Rate Application (EB-2020-0035). In that proceeding, the Board approved KWHI's request to recover lost revenues for 2013 to 2018.

KWHI has determined lost revenue in accordance with the Board's 2012 CDM Guidelines, 2015 CDM Guidelines, its 2016 Updated Policy for the calculation of LRAMVA, and the Chapter 3 Filing Requirements, section 3.2.6.1 updated as of June 24th, 2021.

LRAMVA Support Data

KWHI is seeking to claim program savings from January 1 to December 31, 2019. The 2019 claim for LRAM is supported by IESO issued 2017 Annual Verified Results report, the 2018 Participation and Cost report ("P&C Report"), and a 2019 LRAM IESO Project List. The following reports are included in Appendices G and H and I to this Application and in live Excel format as part of this Application:

- 2017 Final Verified Annual LDC CDM Program Results – 20180629.xlsx
- 2018 Participation and Cost Report Kitchener-Wilmot Hydro Inc._2019 04.xlsx
- 2019 LRAM IESO Project List.xlsx

There were KWHI 2019 projects reported to the IESO up to February 28th, 2019, that were included on the 2018 P&C Report. Projects that closed after the release of the 2018 P&C

Report had an impact on KWHI 2019 distribution revenues, consequently, all projects that completed in 2019 are listed on the 2019 LRAM IESO Project list.

With the termination of the CFF on March 20th, 2019, no new CDM projects were initiated by KWHI. The savings from all CFF programs completed in 2019 were approved prior to the March 2019 directive to discontinue the CFF programs. KWHI relied on the IESO CDM Information System for projected data in this submission, which covers the full year January to December 2019, inclusive of projects that closed after the issuance of the 2018 P&C Report.

KWHI has completed the OEB's 2022 LRAMVA Workform Version 6.0 updated June 24th, 2021, to calculate the variance between actual CDM savings and forecast CDM savings. The LRAMVA Workform is filed as a live Excel file and as Appendix C to this Application.

- 2022-LRAMVA-Workform_20210818.xlsx.

In accordance with the Chapter 3 Filing Requirements, section 3.2.6.1, KWHI confirms that it is seeking recovery of lost revenues for the period January 1, 2019 to December 31, 2019 resulting from the following:

a) Incremental savings from 2019 CDM programs .

b) Prior year savings persistence related to 2013 to 2018 programs.

c) Carrying charges on the above from January 1, 2019 to December 31, 2021.

The lost revenue amounts by rate class were determined by multiplying the CDM savings, incremental to the LRAMVA threshold, by the Board approved variable distribution rates for 2019 as identified in Table 8 below and Tab '3. Distribution Rates" of the LRAMVA Workform.

Table 8

	GS<50 ($)	GS>50 ($)	Streetlighting ($)
2019	0.0133	4.7638	5.0131

KWHI has relied on the most recent input assumptions available at the time of program evaluation. KWHI transitioned to a fixed residential charge in 2019 and as a result has removed this rate class from its LRAMVA claim effective January 1, 2019.

Table 9 below identifies the principal and carrying charge amounts by rate class of $874,417 as calculated in Tab "1. LRAMVA Summary" of the LRAMVA Workform. KWHI confirms that projected carrying charges related to the disposition are calculated in the LRAMVA Workform in Tab "6. Carrying Charges".

Table 9

	GS<50 ($)	GS>50 ($)	Streetlighting ($)	Total ($)
2019				
Actual Savings	193,609	738,958	109,661	**1,042,228**
Forecast Savings	(43,634)	(149,231)	-	**(192,865)**
	149,975	**589,727**	**109,661**	**849,363**
Carrying Charges	4,424	17,396	3,235	25,054
	154,399	**607,123**	**112,896**	**874,417**

Table 10 below identifies the rate riders which result from the disposition of the LRAMVA balance of $874,417 as calculated in Tab "7. Calculation of Def-Var RR" in the IRM Rate Generator."

Table 10

	GS<50 (kWh)	GS>50 (kW)	Streetlighting (kW)
Volumetric Rate Rider	0.0007	0.2927	5.6257

KWHI proposes recovery of the LRAMVA balance over a 1-year period.

The forecast CDM savings included in the LRAMVA calculation are identified in Table 11 below. These savings were approved in KWHI's 2014 Cost of Service Rate Application (EB-2013-0147) and used as the comparator for the disposition of the 2017 and 2018 LRAMVA balances as approved in KWHI's 2021 IRM Rate Application (EB-2020-0035).

Table 11

	GS<50 (kWh)	GS>50 (kW)	Streetlighting (kW)
2019	3,280,740	31,326	-

Projected savings are calculated based on project-level data downloaded from the IESO CDM Information System by program by project. Savings data is summarized and converted to net savings in Appendix I, with confidential applicant information removed. Gross savings are converted to net savings using net-to-gross and realization rates sourced from the 2017 Verified Report and the 2018 P&C Report using the most current data available.

KWHI determined the rate class allocations for actual CDM savings in 2019. Where customers in a program are from more than one rate class, KWHI considers project specific information for that program and the rate classes of the customers undertaking the project. Depending on the rate class, distribution revenue is based on either kilowatt-hours used or the customer's monthly peak kilowatt use. The allocation was calculated according to the billing determinant of the relevant rate class. That is, for GS>50, their allocation is the percentage of total kW for projects in that program. Similarly, for a GS<50 customer, their allocation is the percentage of total kWh for projects in that program.

KWHI has not included peak demand (kW) savings from Demand Response programs in its lost revenue calculation in accordance with Board's 2016 Updated Policy on the calculation of peak demand savings.

Additional Documentation

KWHI confirms that there is additional documentation in support of streetlight projects that was not included in its Final CDM Annual Report. Tabs 8 through 11 in the LRAM Workform support the Streetlight claim, as well as Appendix J.

Streetlighting Project

This current Application only considers the 2019 persistence of revenue losses related to the 2017 projects and detailed information on the project has not changed since the 2021 IRM Application was filed. KWHI did not forecast any demand savings in the load forecast for the Streetlight rate class in its 2014 Cost of Service Rate Application (EB-2013-0147).

Beginning in 2017, the City of Kitchener, the Township of Wilmot and the Region of Waterloo undertook a series of projects under the Retrofit Program to retrofit streetlights to a more energy efficient light emitting diode (LED) technology. In 2017, the result was a net reduction of 6,376 kW and persistence from the project continues into future years with net reductions of 21,875 kW annually. Lost revenue associated with these projects and the basis for the savings estimates were provided in KWHI's 2021 IRM Rate Application (EB-2020-0035) and in KWHI's Interrogatory responses Staff-5, Staff-6, and Staff-7.

Highlights pertaining to these projects, included in KWHI's 2021 IRM Rate Application (EB-2020-0035) and subsequent interrogatory responses are noted below:

- The streetlight upgrades that contributed to these savings represent incremental savings attributable to participation in the IESO program and do not include other savings that may have occurred outside of the IESO program.

- The streetlight savings achieved represent only lights replaced as part of the saveOnEnergy CDM program.

- Since streetlights are unmetered and billed by kW demand, a load profile was not used to determine the demand reduction. The revenue impact is based on actual billed wattages by bulb type before and after the conversions.

- KWHI did not receive funding from the IESO for the street lighting projects.

- The street lighting upgrade projects were undertaken as part of the Retrofit program and energy savings were reported within results for that program. Because street lighting is not used during peak periods, the IESO does not normally report peak demand savings from street lighting projects. As the streetlight rate class is billed by kW demand, the calculated net kWh savings from the Retrofit LED upgrade projects do not impact KWHI's distribution revenue. KWHI confirms that the calculated kWh of savings has been manually removed from the 2017 Retrofit program results. The actual lost revenue from the street lighting retrofit project has been calculated directly by multiplying the reduction in the demand billed by the appropriate rate.

- KWHI has provided a table, in live Excel format, on Tab 8 of the LRAMVA workform that shows the monthly breakdown of billed demand over the period of the streetlight upgrade project including data on number of bulbs, type of bulb replaced or retrofitted and average demand per bulb. Three additional tabs have also been added for each streetlight project detailing the bulbs replaced each month, the wattage removed, the wattage installed, the calculation of kWh for 2017 and the full year persistence.

- KWHI has received reports from Rushby Energy Solutions that validate the number and type of bulbs replaced or retrofitted through the IESO program. The reports are attached as Appendix J. The streetlighting account is billed based on kilowatts (kW) of demand. The street lighting retrofit project was implemented in stages and kW reductions were applied to the municipality's, Township or Region streetlighting account respectively starting in July 2017. Billed demand, calculated reductions and quantity and types of fixtures changed are reported on Tab 8 of the LRAMVA Workform.

- Streetlighting methodology explained:
  - First year 2017 savings of 2,286,980 kWh from street lighting projects were calculated on a per fixture basis and applied net-to-gross ratio of 90% to the total watts reduced. Detailed calculations by month of installation are consistent with KWHI's 2021 IRM Rate Application (EB-2020-0035) and have been included with the 2022-LRAMVA-Workform_20210818.xlsx on Tabs 9, 10 and 11 for each of the City of Kitchener, the Region of Waterloo and the Township of Wilmot.

    In the first month, kWh are calculated as:

    (Watts removed – Watts installed) * average number of days installed in the first month * daily average operating hours in each month

    In the subsequent months, kWh are calculated as:

    (Watts removed – Watts installed) * number of days per month * daily average operating hours per month = lost kWh
  - 2019 persistence energy savings of 7,845,232 kWh from street lighting projects were calculated using the same methodology using the days and operating hours in the full year:

    (Watts removed - Watts installed) * number of days in year * daily average operating hours in a per year = lost kWh
  - NTG ratio of 90% was sourced from the "2017 Final Verified Annual LDC CDM Program Results – 20180629.xlsx" included as Appendix G and is included in live Excel format as part of this Application.
  - Street lighting upgrades to LED bulbs were performed gradually on a monthly basis and the change in bulbs (from HPS to LED) were tracked on a monthly basis in each municipality. There are no differences in methodologies in the

calculations of estimated savings by municipality. There was a coordinated effort from all municipalities in carrying out this program.

- The approach followed is meant to capture the lost revenue from the LED installation only. By using a baseline that does not change, any changes made that are not due to the CDM streetlighting project, are ignored.

Other

Application of Tax Change

As part of its 2020 Cost of Service Rate Application (EB-2019-0049), KWHI's PILs workform showed no taxes payable. There has been no change to tax rates and there is no calculated Sharing of Tax change amount.

Z Factor Claims

KWHI is not making a Z – factor claim with this Rate Application.

Off-ramps

KWHI's distribution earnings are within the dead band of +/- 300 basis points from the OEB approved return on equity. For this reason, KWHI is applying for an increase in its base rates.

Elements specific to the Price Cap IR Plan

KWHI is not filing an ACM or ICM claim.

Eligible Investments

KWHI is receiving rate protection from renewable investments as a result of Board Decision EB-2020-0035. There are no updates to the amounts requested.

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Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date June 1, 2021

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2021-0074

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. All customers are single-phase. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	22.94
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021 Applicable only for Non-RPP Customers	$/kWh	0.0014
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	$/kWh	0.0006
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	$/kWh	(0.0002)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until December 31, 2021 Applicable only for Class B Customers	$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	$/kWh	0.0081
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0013

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date June 1, 2021

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2021-0074

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non residential account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	28.07
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Distribution Volumetric Rate	$/kWh	0.0135
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021 Applicable only for Non-RPP Customers	$/kWh	0.0014
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	$/kWh	0.0010
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	$/kWh	(0.0001)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until December 31, 2021 Applicable only for Class B Customers	$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	$/kWh	0.0070
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0012

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date June 1, 2021

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EB-2021-0074

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Note that for the application of the Retail Transmission Rate - Network Service Rate and the Retail Transmission Rate - Line and Transformation Connection Service Rate the following sub-classifications apply: General Service 50 to 999 kW non-interval metered, General Service 50 to 999 kW interval metered and General Service 1,000 to 4,999 kW interval metered. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor’s Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

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If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	186.99
Distribution Volumetric Rate	$/kW	4.8141
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021 Applicable only for Non-RPP Customers	$/kWh	0.0014
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	$/kW	0.4311
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021 Applicable only for Non-Wholesale Market Participants	$/kW	(0.1022)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	$/kW	0.0505

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date June 1, 2021

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		EB-2021-0074
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until December 31, 2021 Applicable only for Class B Customers	$/kW	(0.0430)
Retail Transmission Rate - Network Service Rate	$/kW	3.7361
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.6720

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

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EB-2021-0074

LARGE USE SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

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It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	17,392.86
Distribution Volumetric Rate	$/kW	1.5975
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	$/kW	(0.0672)
Retail Transmission Rate - Network Service Rate - Interval Metered	$/kW	3.5115
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	$/kW	0.6318

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date June 1, 2021

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EB-2021-0074

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/ documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

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It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	7.52
Distribution Volumetric Rate	$/kWh	0.0146
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until December 31, 2021 Applicable only for Class B Customers	$/kWh	(0.0001)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	$/kWh	0.0070
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0012

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date June 1, 2021

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2021-0074

STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

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It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	0.70
Distribution Volumetric Rate	$/kW	4.7364
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021 Applicable only for Non-RPP Customers	$/kWh	0.0014
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	$/kW	7.1672
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	$/kW	(0.0486)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until December 31, 2021 Applicable only for Class B Customers	$/kW	(0.0416)
Retail Transmission Rate - Network Service Rate	$/kW	2.2719
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.4091

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date June 1, 2021

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EB-2021-0074

EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

This classification applies to an electricity distributor licensed by the Ontario Energy Board that is provided electricity by means of this distributor's facilities. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	$/kW	0.0598
Monthly Distribution Wheeling Service Rate - Dedicated LV Line	$/kW	2.4675
Retail Transmission Rate - Network Service Rate	$/kW	3.5226
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.6339

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date June 1, 2021

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2021-0074

microFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Independent Electricity System Operator's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Condition of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor’s Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	4.55

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date June 1, 2021

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2021-0074

STANDBY POWER SERVICE CLASSIFICATION

This classification applies to an account with load displacement facilities that contracts with the distributor to provide emergency standby power when its load displacement facilities are not in operation. The level of the billing demand will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation such as name-plate rating of the load displacement facility. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component - Approved on an Interim Basis

Standby Charge - for a month where standby power is not provided, the charge is based on the applicable General Service 50 to 4,999 kW or Large use Distribution Volumetric Charge applied to the contracted amount (e.g. nameplate rating of generation facility).

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date June 1, 2021

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2021-0074

ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	$/kW	(0.60)
Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	%	(1.00)

SPECIFIC SERVICE CHARGES

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

Customer Administration

Returned cheque (plus bank charges)	$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	$	20.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	$	30.00

Non-Payment of Account

Late payment - per month (effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Reconnection at meter - during regular hours	$	65.00
Reconnection at meter - after regular hours	$	185.00
Reconnection at pole - during regular hours	$	95.00

Other

Meter removal without authorization	$	355.00
Service call - after regular hours	$	105.00
Specific charge for access to the power poles - $/pole/year (with the exception of wireless attachments) - Approved on an Interim Basis	$	44.50

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date June 1, 2021

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2021-0074

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity.		
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	$	104.24
Monthly fixed charge, per retailer	$	41.70
Monthly variable charge, per customer, per retailer	$/cust.	1.04
Distributor-consolidated billing monthly charge, per customer, per retailer	$/cust.	0.62
Retailer-consolidated billing monthly credit, per customer, per retailer	$/cust.	(0.62)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	$	0.52
Processing fee, per request, applied to the requesting party	$	1.04
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	$	no charge
More than twice a year, per request (plus incremental delivery costs)	$	4.17
Notice of Switch letter charge, per letter	$	2.08

LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0350
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0154
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0226
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0053

APPENDIX B

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

Version 1.0

Utility Name	Kitchener-Wilmot Hydro Inc.
Assigned EB Number	EB-2021-0038
Name of Contact and Title	Margaret Nanninga, CFO and VP Finance
Phone Number	5197496177
Email Address	mnanninga@kwhydro.ca
We are applying for rates effective	January 01, 2022
Rate-Setting Method	Price Cap IR

1. Select the last Cost of Service rebasing year.	**2020**

To determine the first year the continuity schedules in tab 3 will be generated for input, answer the following questions:
For all the the responses below, when selecting a year, select the year relating to the account balance. For example, if the 2019 balances that were reviewed in the 2021 rate application were to be selected, select 2019.

2. For Accounts 1588 and 1589, please indicate the year of the account balances that the accounts were last disposed on a final basis for information purposes.	2019
Determine whether scenario a or b below applies, then select the appropriate year. **a) If the account balances were last approved on a final basis, select the year of the year-end balances that were last approved for disposition on a final basis.** **b) If the account balances were last approved on an interim basis, and** **i) there are no changes to the previously approved interim balances, select the year of the year-end balances that were last approved for diposition on an interim basis.** **ii) there are changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on a final basis.**	**2019**
3. For the remaining Group 1 DVAs, please indicate the year of the account balances that were last disposed on a final basis	2019
Determine whether scenario a or b below applies, then select the appropriate year. **a) If the account balances were last approved on a final basis, select the year of the year-end balances that the balance was were last approved on a final basis.** **b) If the accounts were last approved on an interim basis, and** **i) there are no changes to the previously approved interim balances, select the year of the year-end balances that were last approved for diposition on an interim basis.** **ii) If there are changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on a final basis.**	**2019**
4. Select the earliest vintage year in which there is a balance in Account 1595. ***(e.g. If 2016 is the earliest vintage year in which there is a balance in a 1595 sub-account, select 2016.)***	**2018**
5. Did you have any Class A customers at any point during the period that the Account 1589 balance accumulated (i.e. from the year the balance selected in #2 above to the year requested for disposition)?	**Yes**
6. Did you have any Class A customers at any point during the period where the balance in Account 1580, Sub-account CBR Class B accumulated (i.e. from the year selected in #3 above to the year requested for disposition)?	**Yes**
7. Retail Transmission Service Rates: Kitchener-Wilmot Hydro Inc. is:	**Transmission Connected**
8. Have you transitioned to fully fixed rates?	**Yes**

Legend

- Pale green cells represent input cells.
- Pale blue cells represent drop-down lists. The applicant should select the appropriate item from the drop-down list.
- Red cells represent flags to identify either non-matching values or incorrect user selections.
- Pale grey cells represent auto-populated RRR data.
- White cells contain fixed values, automatically generated values or formulae.

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date June 1, 2021

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2021-0074

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. All customers are single-phase. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	22.94
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021 Applicable only for Non-RPP Customers	$/kWh	0.0014
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	$/kWh	0.0006
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	$/kWh	(0.0002)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until December 31, 2021 Applicable only for Class B Customers	$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	$/kWh	0.0081
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0013

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non residential account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	28.07
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Distribution Volumetric Rate	$/kWh	0.0135
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021 Applicable only for Non-RPP Customers	$/kWh	0.0014
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	$/kWh	0.0010
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	$/kWh	(0.0001)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until December 31, 2021 Applicable only for Class B Customers	$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	$/kWh	0.0070
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0012

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Ontario Energy Board

Incentive Rate-setting Mechanism
Rate Generator for 2022 Filers

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Note that for the application of the Retail Transmission Rate - Network Service Rate and the Retail Transmission Rate - Line and Transformation Connection Service Rate the following sub-classifications apply: General Service 50 to 999 kW non-interval metered, General Service 50 to 999 kW interval metered and General Service 1,000 to 4,999 kW interval metered. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	186.99
Distribution Volumetric Rate	$/kW	4.8141
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021 Applicable only for Non-RPP Customers	$/kWh	0.0014
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	$/kW	0.4311
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021 Applicable only for Non-Wholesale Market Participants	$/kW	(0.1022)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	$/kW	0.0505
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until December 31, 2021 Applicable only for Class B Customers	$/kW	(0.0430)
Retail Transmission Rate - Network Service Rate	$/kW	3.7361

Ontario Energy Board

Incentive Rate-setting Mechanism
Rate Generator for 2022 Filers

Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.6720

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Ontario Energy Board

Incentive Rate-setting Mechanism
Rate Generator for 2022 Filers

LARGE USE SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	17,392.86
Distribution Volumetric Rate	$/kW	1.5975
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	$/kW	(0.0672)
Retail Transmission Rate - Network Service Rate - Interval Metered	$/kW	3.5115
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	$/kW	0.6318

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Ontario Energy Board

Incentive Rate-setting Mechanism
Rate Generator for 2022 Filers

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/ documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	7.52
Distribution Volumetric Rate	$/kWh	0.0146
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until December 31, 2021 Applicable only for Class B Customers	$/kWh	(0.0001)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	$/kWh	0.0070
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0012

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	0.70
Distribution Volumetric Rate	$/kW	4.7364
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021 Applicable only for Non-RPP Customers	$/kWh	0.0014
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	$/kW	7.1672
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	$/kW	(0.0486)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until December 31, 2021 Applicable only for Class B Customers	$/kW	(0.0416)
Retail Transmission Rate - Network Service Rate	$/kW	2.2719
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.4091

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Ontario Energy Board

Incentive Rate-setting Mechanism
Rate Generator for 2022 Filers

EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

This classification applies to an electricity distributor licensed by the Ontario Energy Board that is provided electricity by means of this distributor's facilities. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	$/kW	0.0598
Monthly Distribution Wheeling Service Rate - Dedicated LV Line	$/kW	2.4675
Retail Transmission Rate - Network Service Rate	$/kW	3.5226
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.6339

Ontario Energy Board

Incentive Rate-setting Mechanism
Rate Generator for 2022 Filers

microFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Independent Electricity System Operator's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Condition of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor’s Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	4.55

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

STANDBY POWER SERVICE CLASSIFICATION

This classification applies to an account with load displacement facilities that contracts with the distributor to provide emergency standby power when its load displacement facilities are not in operation. The level of the billing demand will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation such as name-plate rating of the load displacement facility. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

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It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component - Approved on an Interim Basis

Standby Charge - for a month where standby power is not provided, the charge is based on the applicable General Service 50 to 4,999 kW or Large use Distribution Volumetric Charge applied to the contracted amount (e.g. nameplate rating of generation facility).

ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	$/kW	(0.60)
Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	%	(1.00)

SPECIFIC SERVICE CHARGES

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

Customer Administration

Returned cheque (plus bank charges)	$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	$	20.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	$	30.00

Non-Payment of Account

Late payment - per month		
(effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Reconnection at meter - during regular hours	$	65.00

Reconnection at meter - after regular hours	$	185.00
Reconnection at pole - during regular hours	$	95.00

Other

Meter removal without authorization	$	355.00
Service call - after regular hours	$	105.00
Specific charge for access to the power poles - $/pole/year (with the exception of wireless attachments) - Approved on an Interim Basis	$	44.50

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity.		
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	$	104.24
Monthly fixed charge, per retailer	$	41.70
Monthly variable charge, per customer, per retailer	$/cust.	1.04
Distributor-consolidated billing monthly charge, per customer, per retailer	$/cust.	0.62
Retailer-consolidated billing monthly credit, per customer, per retailer	$/cust.	(0.62)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	$	0.52
Processing fee, per request, applied to the requesting party	$	1.04
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	$	no charge
More than twice a year, per request (plus incremental delivery costs)	$	4.17
Notice of Switch letter charge, per letter	$	2.08

LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.035
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0154
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0226
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0053

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filing.

Please refer to the footnotes for further instructions.

		2018									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2018	Transactions Debit/(Credit) during 2018	OEB-Approved Disposition during 2018	Principal Adjustments1 during 2018	Closing Principal Balance as of Dec 31, 2018	Opening Interest Amounts as of Jan 1, 2018	Interest Jan 1 to Dec 31, 2018	OEB-Approved Disposition during 2018	Interest Adjustments1 during 2018	Closing Interest Amounts as of Dec 31, 2018
Group 1 Accounts											
LV Variance Account	1550	0				0	0				0
Smart Metering Entity Charge Variance Account	1551	0				0	0				0
RSVA - Wholesale Market Service Charge[5]	1580	0				0	0				0
Variance WMS – Sub-account CBR Class A[5]	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B[5]	1580	0				0	0				0
RSVA - Retail Transmission Network Charge	1584	0				0	0				0
RSVA - Retail Transmission Connection Charge	1586	0				0	0				0
RSVA - Power[4]	1588	0				0	0				0
RSVA - Global Adjustment[4]	1589	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015 and pre-2015)[3]	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2016)[3]	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2017)[3]	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2018)[3]	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019)[3]	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2020)[3]	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2021)[3] *Not to be disposed of until two years after rate rider has expired and that balance has been audited. Refer to the Filing Requirements for disposition eligibility.*	1595	0				0	0				0
RSVA - Global Adjustment requested for disposition	**1589**	0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment requested for disposition		0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance requested for disposition		0	0	0	0	0	0	0	0	0	0
RSVA - Global Adjustment		0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance		0	0	0	0	0	0	0	0	0	0
LRAM Variance Account (only input amounts if applying for disposition of this account)	**1568**	0				0	0				0
Total Group 1 Balance including Account 1568 - LRAMVA requested for disposition		0	0	0	0	0	0	0	0	0	0

2019										2020							
Opening Principal Amounts as of Jan 1, 2019	Transactions Debit/ (Credit) during 2019	OEB-Approved Disposition during 2019	Principal Adjustments1 during 2019	Closing Principal Balance as of Dec 31, 2019	Opening Interest Amounts as of Jan 1, 2019	Interest Jan 1 to Dec 31, 2019	OEB-Approved Disposition during 2019	Interest Adjustments1 during 2019	Closing Interest Amounts as of Dec 31, 2019	Opening Principal Amounts as of Jan 1, 2020	Transactions Debit/ (Credit) during 2020	OEB-Approved Disposition during 2020	Principal Adjustments1 during 2020	Closing Principal Balance as of Dec 31, 2020	Opening Interest Amounts as of Jan 1, 2020	Interest Jan 1 to Dec 31, 2020	OEB-Approved Disposition during 2020
0				0	0				0	0				0	0		
0			(120,072)	(120,072)	0			(3,403)	(3,403)	(120,072)	(8,939)	(94,757)		(34,254)	(3,403)	(278)	(3,193)
0			(743,201)	(743,201)	0			(2,035)	(2,035)	(743,201)	(941,678)	(289,845)		(1,395,034)	(2,035)	(7,978)	(6,445)
0			0	0	0			0	0	0	0	0		0	0	0	0
0			(168,235)	(168,235)	0			(2,867)	(2,867)	(168,235)	(52,594)	0		(220,828)	(2,867)	(2,922)	0
0			609,185	609,185	0			7,800	7,800	609,185	6,393,599	279,229		6,723,555	7,800	3,652	6,909
0			130,583	130,583	0			5,183	5,183	130,583	40,831	226,314		(54,901)	5,183	(1,648)	6,537
0			645,375	645,375	0			(96,498)	(96,498)	645,375	1,227,059	604,448	(1,542,933)	(274,947)	(96,498)	(10,257)	(47,197)
0			(679,064)	(679,064)	0			87,262	87,262	(679,064)	(711,279)	(1,287,604)	1,193,511	1,090,772	87,262	27,988	15,958
0				0	0				0	0				0	0		
0				0	0				0	0				0	0		
0				0	0				0	0				0	0		
0			963,696	963,696	0			(163,764)	(163,764)	963,696	(27)			963,669	(163,764)	13,213	
0			(176,043)	(176,043)	0			(24,891)	(24,891)	(176,043)	247,429			71,385	(24,891)	844	
0			0	0	0			0	0	0	(357,931)	(227,411)		(130,519)	0	2,107	(40,935)
0				0	0				0	0				0	0		
0	0	0	(679,064)	(679,064)	0	0	0	87,262	87,262	(679,064)	(711,279)	(1,287,604)	1,193,511	1,090,772	87,262	27,988	15,958
0	0	0	353,636	353,636	0	0	0	(91,821)	(91,821)	353,636	6,658,278	725,390	(1,542,933)	4,743,591	(91,821)	(19,431)	(43,390)
0	0	0	(325,428)	(325,428)	0	0	0	(4,559)	(4,559)	(325,428)	5,947,000	(562,214)	(349,423)	5,834,364	(4,559)	8,557	(27,432)
0	0	0	(679,064)	(679,064)	0	0	0	87,262	87,262	(679,064)	(711,279)	(1,287,604)	1,193,511	1,090,772	87,262	27,988	15,958
0	0	0	1,141,289	1,141,289	0	0	0	(280,476)	(280,476)	1,141,289	6,547,749	497,978	(1,542,933)	5,648,126	(280,476)	(3,267)	(84,325)
0	0	0	462,225	462,225	0	0	0	(193,214)	(193,214)	462,225	5,836,471	(789,626)	(349,423)	6,738,898	(193,214)	24,721	(68,367)
0				0	0				0	0		0	849,363	849,363	0		
0	0	0	(325,428)	(325,428)	0	0	0	(4,559)	(4,559)	(325,428)	5,947,000	(562,214)	499,940	6,683,727	(4,559)	8,557	(27,432)

		2021				Projected Interest on Dec-31-2020 Balances					2.1.7 RRR[5]	
Interest Adjustments1 during 2020	Closing Interest Amounts as of Dec 31, 2020	Principal Disposition during 2021 - instructed by OEB	Interest Disposition during 2021 - instructed by OEB	Closing Principal Balances as of Dec 31, 2020 Adjusted for Disposition during 2021	Closing Interest Balances as of Dec 31, 2020 Adjusted for Disposition during 2021	Projected Interest from Jan 1, 2021 to Dec 31, 2021 on Dec 31, 2020 balance adjusted for disposition during 2021 [2]	Projected Interest from Jan 1, 2022 to Apr 30, 2022 on Dec 31, 2020 balance adjusted for disposition during 2021 [2]	Total Interest	Total Claim	Account Disposition: Yes/No?	As of Dec 31, 2020	Variance RRR vs. 2020 Balance (Principal + Interest)
	0			0	0			0	0		0	0
	(488)	(25,315)	(558)	(8,939)	69	(51)		19	(8,921)		(34,743)	0
	(3,568)	(453,356)	(1,821)	(941,678)	(1,747)	(5,368)		(7,115)	(948,792)		(1,625,219)	(226,618)
	0	0	0	0	0			0	0		0	0
	(5,790)	(168,235)	(5,180)	(52,594)	(610)	(300)		(910)	(53,504)		(226,618)	0
	4,543	329,956	5,426	6,393,599	(883)	2,292		1,409	6,395,008		6,999,469	271,371
	(3,001)	(95,731)	(2,669)	40,831	(332)	233		(99)	40,731		(57,902)	0
	(59,558)	40,927	(56,506)	(315,874)	(3,052)	3,773		721	(315,153)		643,291	977,796
	99,292	608,540	94,462	482,232	4,830	2,082		6,912	489,144		1,073,031	(117,033)
	0			0	0			0	0	No	0	0
	0			0	0			0	0	No	0	0
	0			0	0			0	0	No	0	0
	(150,551)			963,669	(150,551)	5,493		(145,058)	0	No	813,118	0
	(24,047)			71,385	(24,047)	407		(23,640)	0	No	47,338	0
	43,042			(130,519)	43,042	(744)		42,298	0	No	772,979	860,456
	0			0	0			0	0	No	772,979	772,979
0	99,292	608,540	94,462	482,232	4,830	2,082	0	6,912	489,144		1,073,031	(117,033)
0	(67,862)	(371,754)	(61,307)	5,115,345	(6,555)	579	0	(5,976)	5,109,369		8,331,310	3,655,581
0	31,430	236,787	33,154	5,597,577	(1,725)	2,661	0	936	5,598,513		9,404,341	3,538,547
0	99,292	608,540	94,462	482,232	4,830	2,082	0	6,912				
0	(199,418)	(371,754)	(61,307)	6,019,879	(138,111)	5,735	0	(132,376)				
0	(100,126)	236,787	33,154	6,502,112	(133,281)	7,817	0	(125,464)			$9,404,341	
25,054	25,054			849,363	25,054			25,054	874,417			(874,417)
25,054	56,484	236,787	33,154	6,446,940	23,329	2,661	0	25,990	6,472,930		9,404,341	2,664,130

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

Data on this worksheet has been populated using your most recent RRR filing.

If you have identified any issues, please contact the OEB.

Have you confirmed the accuracy of the data below? **Yes**

If a distributor uses the actual GA price to bill non-RPP Class B customers for an entire rate class, it must exclude these customers from the allocation of the GA balance and the calculation of the resulting rate riders. These rate classes are not to be charged/refunded the general GA rate rider as they did not contribute to the GA balance.

Please contact the OEB to make adjustments to the IRM rate generator for this situation.

Rate Class	Unit	Total Metered kWh	Total Metered kW	Metered kWh for Non-RPP Customers (excluding WMP)	Metered kW for Non-RPP Customers (excluding WMP)	Metered kWh for Wholesale Market Participants (WMP)	Metered kW for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption *(if applicable)*	Total Metered kW less WMP consumption *(if applicable)*	1568 LRAM Variance Account Class Allocation ($ amounts)	Number of Customers for Residential and GS<50 classes[3]
RESIDENTIAL SERVICE CLASSIFICATION	kWh	714,764,691	0	9,221,816	0	0	0	714,764,691	0		89,926
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	221,394,328	0	31,514,094	0	0	0	221,394,328	0	154,399	25,355
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	786,556,290	2,074,142	653,395,924	2,027,368	15,567,976	46,774	770,988,314	2,027,368	607,122	
LARGE USE SERVICE CLASSIFICATION	kW	28,139,706	59,163	28,139,706	59,163	0	0	28,139,706	59,163		
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	3,978,484	0	0	0	0	0	3,978,484	0		
STREET LIGHTING SERVICE CLASSIFICATION	kW	7,217,069	20,068	6,684,736	20,068	0	0	7,217,069	20,068	112,896	
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kW	17,710,480	40,917	0	0	17,710,480	40,917	0	0		
STANDBY POWER SERVICE CLASSIFICATION	kW	0	0	0	0	0	0	0	0		
	Total	1,779,761,048	2,194,290	728,956,276	2,106,599	33,278,456	87,691	1,746,482,592	2,106,599	874,417	115,281

Threshold Test

Total Claim (including Account 1568)	
Total Claim for Threshold Test (All Group 1 Accounts)	$5,598,513
Threshold Test (Total claim per kWh) [2]	$0.0031

Currently, the threshold test has been met and the default is that Group 1 account balances will be disposed. If you are requesting not to dispose of the Group 1 account balances, please select NO and provide detailed reasons in the manager's summary.

YES

[1] Residual Account balance to be allocated to rate classes in proportion to the recovery share as established when rate riders were implemented.

[2] The Threshold Test does not include the amount in 1568.

[3] The proportion of customers for the Residential and GS<50 Classes will be used to allocate Account 1551.

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

No input required. This workshseet allocates the deferral/variance account balances (Group 1 and Account 1568) to the appropriate classes as per EDDVAR dated July 31, 2009.

Allocation of Group 1 Accounts (including Account 1568)

Rate Class	% of Total kWh	% of Customer Numbers **	% of Total kWh adjusted for WMP	1550	1551	allocated based on Total less WMP 1580	1584	1586	allocated based on Total less WMP 1588	1568
RESIDENTIAL SERVICE CLASSIFICATION	40.2%	78.0%	40.9%	0	(6,959)	(410,199)	2,568,281	16,358	(128,980)	0
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	12.4%	22.0%	12.7%	0	(1,962)	(127,057)	795,510	5,067	(39,951)	154,399
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	44.2%	0.0%	44.1%	0	0	(442,466)	2,826,241	18,001	(139,125)	607,122
LARGE USE SERVICE CLASSIFICATION	1.6%	0.0%	1.6%	0	0	(16,149)	101,111	644	(5,078)	0
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.2%	0.0%	0.2%	0	0	(2,283)	14,295	91	(718)	0
STREET LIGHTING SERVICE CLASSIFICATION	0.4%	0.0%	0.4%	0	0	(4,142)	25,932	165	(1,302)	112,896
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	1.0%	0.0%	0.0%	0	0	0	63,637	405	0	0
STANDBY POWER SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	0	0	0	0	0	0	0
Total	100.0%	100.0%	100.0%	0	(8,921)	(1,002,296)	6,395,008	40,731	(315,153)	874,417

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

1a	The year Account 1589 GA was last disposed	2019	
1b	The year Account 1580 CBR Class B was last disposed	2019	Note that the sub-account was established in 2015.
2a	Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1589 GA balance accumulated (i.e. from the year after the balance was last disposed per #1a above to the current year requested for disposition)?	Yes	(If you received approval to dispose of the CBR Class B account balance as at December 31, 2017, the period the GA variance accumulated would be 2018 to 2020.)
2b	Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1580, sub-account CBR Class B balance accumulated (i.e. from the year after the balance was last disposed per #1b above to the current year requested for disposition)?	Yes	(If you received approval to dispose of the CBR Class B account balance as at December 31, 2017, the period the GA variance accumulated would be 2018 to 2020.)
3a	Enter the number of transition customer you had during the period the Account 1589 GA or Account 1580 CBR B balance accumulated (i.e. from the year after the balance was last disposed per #1a/1b above to the current year requested for disposition).	2	

Transition Customers - Non-loss Adjusted Billing Determinants by Customer

Customer	Rate Class		2020	
			July to December	January to June
Customer 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,118,802	1,190,682
		kW	3,593	3,479
		Class A/B	A	B
Customer 2	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	2,324,619	2,251,864
		kW	6,730	8,770
		Class A/B	A	B

3b	Enter the number of rate classes in which there were customers who were Class A for the full year during the period the Account 1589 GA or Account 1580 CBR B balance accumulated (i.e. from the year after the balance was last disposed per #1a/1b above to the current year requested for disposition).	2	

In the table, enter the total Class A consumption for full year Class A customers in each rate class for each year, including any transition customer's consumption identified in table 3a above that were Class A customers for the full year before/after the transition year (E.g. If a customer transitioned from Class B to A in 2019, exclude this customer's consumption for 2019 but include this customer's consumption in 2020 as they were a Class A customer for the full year).

Rate Classes with Class A Customers - Billing Determinants by Rate Class

	Rate Class		2020
Rate Class 1	LARGE USE SERVICE CLASSIFICATION	kWh	28,139,706
		kW	
Rate Class 2	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	227,408,641
		kW	

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centive Rate-setting Mechanism Rate Generator for 2022 Filers

This tab allocates the GA balance to transition customers (i.e Class A customers who were former Class B customers and Class B customers who were former Class A customers) who contributed to the current GA balance. The tables below calculate specific amounts for each customer who made the change. The general GA rate rider to non-RPP customers is not to be charged to the transition customers that are allocated amounts in the table below. Consistent with prior decisions, distributors are generally expected to settle the amount through 12 equal adjustments to bills.

Year the Account 1589 GA Balance Last Disposed	**2019**

Allocation of total Non-RPP Consumption (kWh) between Current Class B and Class A/B Transition Customers

		Total	2020
Non-RPP Consumption Less WMP Consumption	A	728,956,276	728,956,276
Less Class A Consumption for Partial Year Class A Customers	B	3,443,421	3,443,421
Less Consumption for Full Year Class A Customers	C	255,548,347	255,548,347
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	469,964,508	469,964,508
All Class B Consumption for Transition Customers	E	3,442,547	3,442,547
Transition Customers' Portion of Total Consumption	F = E/D	**0.73%**	

Allocation of Total GA Balance $

Total GA Balance	G	$ 489,144
Transition Customers Portion of GA Balance	H=F*G	$ 3,583
GA Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	$ 485,561

Allocation of GA Balances to Class A/B Transition Customers

# of Class A/B Transition Customers		2				
Customer		**Total Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers**	**Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2020**	**% of kWh**	**Customer Specific GA Allocation for the Period When They Were Class B customers**	**Monthly Equal Payments**
Customer 1		1,190,682	1,190,682	34.59%	$ 1,239	$ 103
Customer 2		2,251,864	2,251,864	65.41%	$ 2,344	$ 195
Total		3,442,547	3,442,547	100.00%	$ 3,583	

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Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

The purpose of this tab is to calculate the GA rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1589 GA was last disposed. Calculations in this tab will be modified upon completion of tab 6.1a, which allocates a portion of the GA balance to transition customers, if applicable.
Effective January 2017, the billing determinant and all rate riders for the disposition of GA balances will be calculated on an energy basis (kWhs) regardless of the billing determinant used for distribution rates for the particular class (see Chapter 3, Filing Requirements, section 3.2.5.2)

Default Rate Rider Recovery Period (in months)	**12**
Proposed Rate Rider Recovery Period (in months)	**12**

Rate Rider Recovery to be used below

		Total Metered Non-RPP 2020 Consumption excluding WMP	Total Metered 2020 Consumption for Class A Customers that were Class A for the entire period GA balance accumulated	Total Metered 2020 Consumption for Customers that Transitioned Between Class A and B during the period GA balance accumulated	Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption)	% of total kWh	Total GA $ allocated to Current Class B Customers	GA Rate Rider	
		kWh	kWh	kWh	kWh				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	9,221,816	0	0	9,221,816	2.0%	$9,598	$0.0010	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	31,514,094	0	0	31,514,094	6.8%	$32,800	$0.0010	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	653,395,924	227,408,641	6,885,968	419,101,315	89.8%	$436,205	$0.0010	kWh
LARGE USE SERVICE CLASSIFICATION	kWh	28,139,706	28,139,706	0	0	0.0%	$0	$0.0000	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	0	0	0	0	0.0%	$0	$0.0000	
STREET LIGHTING SERVICE CLASSIFICATION	kWh	6,684,736	0	0	6,684,736	1.4%	$6,958	$0.0010	kWh
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kWh	0	0	0	0	0.0%	$0	$0.0000	
STANDBY POWER SERVICE CLASSIFICATION	kWh	0	0	0	0	0.0%	$0	$0.0000	
Total		728,956,276	255,548,347	6,885,968	466,521,961	100.0%	$485,561		

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Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

This tab allocates the CBR Class B balance to transition customers (i.e Class A customers who were former Class B customers and Class B customers who were former Class A customers) who contributed to the current CBR Class B balance. The tables below calculate specific amounts for each customer who made the change. The general CBR Class B rate rider is not to be charged to the transition customers that are allocated amounts in the table below. Consistent with prior decisions, distributors are generally expected to settle the amount through 12 equal adjustments to bills.

Year Account 1580 CBR Class B was Last Disposed **2019**

Allocation of Total Consumption (kWh) between Current Class B and Class A/B Transition Customers

		Total	2020	2019	2018	2017	2016
Total Consumption Less WMP Consumption	A	1,746,482,592	1,746,482,592				
Less Class A Consumption for Partial Year Class A Customers	B	3,443,421	3,443,421	-	-	-	-
Less Consumption for Full Year Class A Customers	C	255,548,347	255,548,347	-	-	-	-
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	1,487,490,824	1,487,490,824	-	-	-	-
All Class B Consumption for Transition Customers	E	3,442,548	3,442,547	-	-	-	1
Transition Customers' Portion of Total Consumption	F = E/D	**0.23%**					

Allocation of Total CBR Class B Balance $

Total CBR Class B Balance	G	-$ 53,504
Transition Customers Portion of CBR Class B Balance	H=F*G	-$ 124
CBR Class B balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	-$ 53,380

Allocation of CBR Class B Balances to Transition Customers

# of Class A/B Transition Customers		2										
Customer		**Total Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers**	**Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2020**	**Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2019**	**Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2018**	**Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2017**	**Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2016**	**% of kWh**	**Customer Specific CBR Class B Allocation for the Period When They Were Class B Customers**	**Monthly Equal Payments**	**Revised Monthly Payment**
Customer 1		1,190,682	1,190,682	-	-	-	-	34.59%	-$ 43	-$ 4	$ -
Customer 2		2,251,864	2,251,864	-	-	-	-	65.41%	-$ 81	-$ 7	$ -
Total		3,442,547	3,442,547	-	-	-	-	100.00%	-$ 124	-$ 10	$ -

If the CBR Class B rate rider calculated in tab 6.2 rounds to zero at the fourth decimal place for one or more rate classes, the entire balance in Account 1580 CBR Class B, including the amount allocated to transition customers will be transferred to Account 1580 WMS and disposed through the general purpose Group 1 rate riders

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Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

No input required. The purpose of this tab is to calculate the CBR rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1580, sub-account CBR Class B balance accumulated.

The year Account 1580 CBR Class B was last disposed 2019

		Total Metered 2020 Consumption Minus WMP		Total Metered 2020 Consumption for Full Year Class A Customers		Total Metered 2020 Consumption for Transition Customers		Metered Consumption for Current Class B Customers (Total Consumption LESS WMP, Class A and Transition Customers' Consumption)		% of total kWh	Total CBR Class B $ allocated to Current Class B Customers	CBR Class B Rate Rider	Unit
		kWh	kW	kWh	kW	kWh	kW	kWh	kW				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	714,764,691	0	0	0	0	0	714,764,691	0	48.2%	($25,709)	$0.0000	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	221,394,328	0	0	0	0	0	221,394,328	0	14.9%	($7,963)	$0.0000	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	770,988,314	2,027,368	227,408,641	0	6,885,968	22,572	536,693,705	2,004,796	36.2%	($19,304)	$0.0000	kW
LARGE USE SERVICE CLASSIFICATION	kW	28,139,706	59,163	28,139,706	0	0	0	0	59,163	0.0%	$0	$0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	3,978,484	0	0	0	0	0	3,978,484	0	0.3%	($143)	$0.0000	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kW	7,217,069	20,068	0	0	0	0	7,217,069	20,068	0.5%	($260)	$0.0000	kW
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kW	0	0	0	0	0	0	0	0	0.0%	$0	$0.0000	kW
STANDBY POWER SERVICE CLASSIFICATION	kW	0	0	0	0	0	0	0	0	0.0%	$0	$0.0000	kW
	Total	1,746,482,592	2,106,599	255,548,347	0	6,885,968	22,572	1,484,048,277	2,084,027	100.0%	($53,379)	$0.0000	

If the allocated Account 1580 sub-account CBR Class B amount does not produce a rate rider in one or more rate class (except for the Standby rate class), the model will transfer the entire CBR Class B amount into Account 1580 WMS control account to be disposed through the general purpose Group 1 DVA rate riders.

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Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

Input required at cells C13 and C14. This workshseet calculates rate riders related to the Deferral/Variance Account Disposition (if applicable) and rate riders for Account 1568. Rate Riders will not be generated for the microFIT class.

Default Rate Rider Recovery Period (in months)	12	
DVA Proposed Rate Rider Recovery Period (in months)	12	Rate Rider Recovery to be used below
LRAM Proposed Rate Rider Recovery Period (in months)	12	Rate Rider Recovery to be used below

Rate Class	Unit	Total Metered kWh	Metered kW or kVA	Total Metered kWh less WMP consumption	Total Metered kW less WMP consumption	Allocation of Group 1 Account Balances to All Classes [2]	Allocation of Group 1 Account Balances to Non-WMP Classes Only (If Applicable) [2]	Deferral/Variance Account Rate Rider [2]	Deferral/Variance Account Rate Rider for Non-WMP (if applicable) [2]	Account 1568 Rate Rider
RESIDENTIAL SERVICE CLASSIFICATION	kWh	714,764,691	0	714,764,691	0	2,038,501		0.0029	0.0000	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	221,394,328	0	221,394,328	0	631,608		0.0029	0.0000	0.0007
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	786,556,290	2,074,142	770,988,314	2,027,368	2,844,242	(581,591)	1.3713	(0.2869)	0.2927
LARGE USE SERVICE CLASSIFICATION	kW	28,139,706	59,163	28,139,706	59,163	80,528		1.3611	0.0000	0.0000
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	3,978,484	0	3,978,484	0	11,385		0.0029	0.0000	0.0000
STREET LIGHTING SERVICE CLASSIFICATION	kW	7,217,069	20,068	7,217,069	20,068	20,653		1.0292	0.0000	5.6257
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kW	17,710,480	40,917	0	0	64,042		1.5652	0.0000	0.0000
STANDBY POWER SERVICE CLASSIFICATION	kW	0	0	0	0	0		0.0000	0.0000	0.0000

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Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

Summary - Sharing of Tax Change Forecast Amounts

	2020	2022
OEB-Approved Rate Base	$ 239,578,611	$ 239,578,611
OEB-Approved Regulatory Taxable Income	-$ 4,073,889	-$ 4,073,889
Federal General Rate		15.0%
Federal Small Business Rate		9.0%
Federal Small Business Rate (calculated effective rate)[1,2]		15.0%
Ontario General Rate		11.5%
Ontario Small Business Rate		3.2%
Ontario Small Business Rate (calculated effective rate)[1,2]		11.5%
Federal Small Business Limit		$ 500,000
Ontario Small Business Limit		$ 500,000
Federal Taxes Payable		-$ 611,083
Provincial Taxes Payable		-$ 468,497
Federal Effective Tax Rate		15.0%
Provincial Effective Tax Rate		11.5%
Combined Effective Tax Rate	0.0%	26.5%
Total Income Taxes Payable	$ -	-$ 1,079,581
OEB-Approved Total Tax Credits (enter as positive number)	$ -	$ -
Income Tax Provision	$ -	$ -
Grossed-up Income Taxes	$ -	$ -
Incremental Grossed-up Tax Amount		$ -
Sharing of Tax Amount (50%)		**$ -**

Notes

1. Regarding the small business deduction, if applicable,
   a. If taxable capital exceeds $15 million, the small business rate will not be applicable.
   b. If taxable capital is below $10 million, the small business rate would be applicable.
   c. If taxable capital is between $10 million and $15 million, the appropriate small business rate will be calculated.

2. The OEB's proxy for taxable capital is rate base.

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Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

Calculation of Rebased Revenue Requirement and Allocation of Tax Sharing Amount. Enter data from the last OEB-approved Cost of Service application in columns C through H.

As per Chapter 3 Filing Requirements, shared tax rate riders are based on a 1 year disposition.

Rate Class		Re-based Billed Customers or Connections	Re-based Billed kWh	Re-based Billed kW	Re-based Service Charge	Re-based Distribution Volumetric Rate kWh	Re-based Distribution Volumetric Rate kW	Service Charge Revenue	Distribution Volumetric Rate Revenue kWh	Distribution Volumetric Rate Revenue kW	Revenue Requirement from Rates	Service Charge % Revenue	Distribution Volumetric Rate % Revenue kWh	Distribution Volumetric Rate % Revenue kW	Total % Revenue
RESIDENTIAL SERVICE CLASSIFICATION	kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
LARGE USE SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
STREET LIGHTING SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
STANDBY POWER SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
Total		0	0	0				0	0	0	0				0.0%

Rate Class		Total kWh (most recent RRR filing)	Total kW (most recent RRR filing)	Allocation of Tax Savings by Rate Class	Distribution Rate Rider	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	714,764,691		0	0.00	$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	221,394,328		0	0.0000	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	786,556,290	2,074,142	0	0.0000	kW
LARGE USE SERVICE CLASSIFICATION	kW	28,139,706	59,163	0	0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	3,978,484		0	0.0000	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kW	7,217,069	20,068	0	0.0000	kW
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kW	17,710,480	40,917	0	0.0000	kW
STANDBY POWER SERVICE CLASSIFICATION	kW			0	0.0000	kW
Total		1,779,761,048	2,194,290	$0		

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Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

Columns E and F have been populated with data from the most recent RRR filing. Rate classes that have more than one Network or Connection charge will notice that the cells are highlighted in green and unlocked. If the data needs to be modified, please make the necessary adjustments and note the changes in your manager's summary. As well, the Loss Factor has been imported from Tab 2.

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor	Loss Adjusted Billed kWh
Residential Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0081	714,764,691	0	1.0350	739,781,455
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0013	714,764,691	0	1.0350	739,781,455
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0070	221,394,328	0	1.0350	229,143,129
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0012	221,394,328	0	1.0350	229,143,129
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	3.7361	786,556,290	2,074,142		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.6720	786,556,290	2,074,142		
Large Use Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	$/kW	3.5115	28,139,706	59,163		
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metere	$/kW	0.6318	28,139,706	59,163		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0070	3,978,484	0	1.0350	4,117,731
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0012	3,978,484	0	1.0350	4,117,731
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	2.2719	7,217,069	20,068		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.4091	7,217,069	20,068		
Embedded Distributor Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	3.5226	17,710,480	40,917		
Embedded Distributor Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.6339	17,710,480	40,917		

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Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

Uniform Transmission Rates	Unit	2020	2021 Jan to Jun	2021 Jul to Dec	2022
Rate Description		**Rate**	**Rate**		**Rate**
Network Service Rate	kW	$ 3.92	$ 4.67	$ 4.90	$ 4.90
Line Connection Service Rate	kW	$ 0.97	$ 0.77	$ 0.81	$ 0.81
Transformation Connection Service Rate	kW	$ 2.33	$ 2.53	$ 2.65	$ 2.65

Hydro One Sub-Transmission Rates	Unit	2020	2021	2022
Rate Description		**Rate**	**Rate**	**Rate**
Network Service Rate	kW	$ 3.3980	$ 3.4778	$ 3.4778
Line Connection Service Rate	kW	$ 0.8045	$ 0.8128	$ 0.8128
Transformation Connection Service Rate	kW	$ 2.0194	$ 2.0458	$ 2.0458
Both Line and Transformation Connection Service Rate	kW	$ 2.8239	$ 2.8586	$ 2.8586

If needed, add extra host here. (I)	Unit	2020	2021	2022
Rate Description		**Rate**	**Rate**	**Rate**
Network Service Rate	kW			
Line Connection Service Rate	kW			
Transformation Connection Service Rate	kW			
Both Line and Transformation Connection Service Rate	kW	$ -	$ -	$ -

If needed, add extra host here. (II)	Unit	2020	2021	2022
Rate Description		**Rate**	**Rate**	**Rate**
Network Service Rate	kW			
Line Connection Service Rate	kW			
Transformation Connection Service Rate	kW			
Both Line and Transformation Connection Service Rate	kW	$ -	$ -	$ -

		Historical 2020	Current 2021	Forecast 2022
Low Voltage Switchgear Credit (if applicable, enter as a negative value)	$			

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Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Tab 10. For Hydro One Sub-transmission Rates, if you are charged a combined Line and Transformer connection rate, please ensure that both the Line Connection and Transformation Connection columns are completed.
If any of the Hydro One Sub-transmission rates (column E, I and M) are highlighted in red, please double check the billing data entered in "Units Billed" and "Amount" columns. The highlighted rates do not match the Hydro One Sub-transmission rates approved for that time period. If data has been entered correctly, please provide explanation for the discrepancy in rates.

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	261,535	$3.92	$ 1,025,217	285,562	$0.97	$ 276,995		$0.00		$ 276,995
February	260,242	$3.92	$ 1,020,149	279,546	$0.97	$ 271,160		$0.00		$ 271,160
March	244,484	$3.92	$ 958,377	258,019	$0.97	$ 250,278		$0.00		$ 250,278
April	216,570	$3.92	$ 848,954	223,305	$0.97	$ 216,606		$0.00		$ 216,606
May	323,432	$3.92	$ 1,267,853	333,841	$0.97	$ 323,826		$0.00		$ 323,826
June	320,887	$3.92	$ 1,257,877	344,246	$0.97	$ 333,919		$0.00		$ 333,919
July	381,972	$3.92	$ 1,497,330	394,450	$0.97	$ 382,617		$0.00		$ 382,617
August	364,334	$3.92	$ 1,428,189	373,817	$0.97	$ 362,602		$0.00		$ 362,602
September	304,370	$3.92	$ 1,193,130	310,787	$0.97	$ 301,463		$0.00		$ 301,463
October	242,959	$3.92	$ 952,399	259,252	$0.97	$ 251,474		$0.00		$ 251,474
November	266,737	$3.92	$ 1,045,609	278,574	$0.97	$ 270,217		$0.00		$ 270,217
December	293,613	$3.92	$ 1,150,963	297,335	$0.97	$ 288,415		$0.00		$ 288,415
Total	3,481,135	$ 3.92	$ 13,646,049	3,638,734	$ 0.97	$ 3,529,572	-	$ -	$ -	$ 3,529,572

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		$0.0000			$0.0000			$0.0000		$ -
February		$0.0000			$0.0000			$0.0000		$ -
March		$0.0000			$0.0000			$0.0000		$ -
April		$0.0000			$0.0000			$0.0000		$ -
May		$0.0000			$0.0000			$0.0000		$ -
June		$0.0000			$0.0000			$0.0000		$ -
July		$0.0000			$0.0000			$0.0000		$ -
August		$0.0000			$0.0000			$0.0000		$ -
September		$0.0000			$0.0000			$0.0000		$ -
October		$0.0000			$0.0000			$0.0000		$ -
November		$0.0000			$0.0000			$0.0000		$ -
December		$0.0000			$0.0000			$0.0000		$ -
Total	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -

Add Extra Host Here (I) (if needed)	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		$ -			$ -			$ -		$ -
February		$ -			$ -			$ -		$ -
March		$ -			$ -			$ -		$ -
April		$ -			$ -			$ -		$ -
May		$ -			$ -			$ -		$ -
June		$ -			$ -			$ -		$ -
July		$ -			$ -			$ -		$ -
August		$ -			$ -			$ -		$ -
September		$ -			$ -			$ -		$ -
October		$ -			$ -			$ -		$ -
November		$ -			$ -			$ -		$ -
December		$ -			$ -			$ -		$ -
Total	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -

Add Extra Host Here (II) (if needed)	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		$ -			$ -			$ -		$ -
February		$ -			$ -			$ -		$ -
March		$ -			$ -			$ -		$ -
April		$ -			$ -			$ -		$ -
May		$ -			$ -			$ -		$ -
June		$ -			$ -			$ -		$ -
July		$ -			$ -			$ -		$ -
August		$ -			$ -			$ -		$ -
September		$ -			$ -			$ -		$ -
October		$ -			$ -			$ -		$ -
November		$ -			$ -			$ -		$ -
December		$ -			$ -			$ -		$ -
Total	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -

Total	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	261,535	$ 3.9200	$ 1,025,217	285,562	$ 0.9700	$ 276,995	-	$ -	$ -	$ 276,995
February	260,242	$ 3.9200	$ 1,020,149	279,546	$ 0.9700	$ 271,160	-	$ -	$ -	$ 271,160
March	244,484	$ 3.9200	$ 958,377	258,019	$ 0.9700	$ 250,278	-	$ -	$ -	$ 250,278
April	216,570	$ 3.9200	$ 848,954	223,305	$ 0.9700	$ 216,606	-	$ -	$ -	$ 216,606
May	323,432	$ 3.9200	$ 1,267,853	333,841	$ 0.9700	$ 323,826	-	$ -	$ -	$ 323,826
June	320,887	$ 3.9200	$ 1,257,877	344,246	$ 0.9700	$ 333,919	-	$ -	$ -	$ 333,919
July	381,972	$ 3.9200	$ 1,497,330	394,450	$ 0.9700	$ 382,617	-	$ -	$ -	$ 382,617
August	364,334	$ 3.9200	$ 1,428,189	373,817	$ 0.9700	$ 362,602	-	$ -	$ -	$ 362,602
September	304,370	$ 3.9200	$ 1,193,130	310,787	$ 0.9700	$ 301,463	-	$ -	$ -	$ 301,463
October	242,959	$ 3.9200	$ 952,399	259,252	$ 0.9700	$ 251,474	-	$ -	$ -	$ 251,474
November	266,737	$ 3.9200	$ 1,045,609	278,574	$ 0.9700	$ 270,217	-	$ -	$ -	$ 270,217
December	293,613	$ 3.9200	$ 1,150,963	297,335	$ 0.9700	$ 288,415	-	$ -	$ -	$ 288,415
Total	3,481,135	$ 3.92	$ 13,646,049	3,638,734	$ 0.97	$ 3,529,572	-	$ -	$ -	$ 3,529,572

Low Voltage Switchgear Credit (if applicable)	$ -
Total including deduction for Low Voltage Switchgear Credit	$ 3,529,572

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

The purpose of this sheet is to calculate the expected billing when current 2021 Uniform Transmission Rates are applied against historical 2020 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Amount**
January	261,535	$ 4.6700	$ 1,221,368	285,562	$ 0.7700	$ 219,883	-	$ 2.5300	$ -	$ 219,883
February	260,242	$ 4.6700	$ 1,215,330	279,546	$ 0.7700	$ 215,250	-	$ 2.5300	$ -	$ 215,250
March	244,484	$ 4.6700	$ 1,141,740	258,019	$ 0.7700	$ 198,675	-	$ 2.5300	$ -	$ 198,675
April	216,570	$ 4.6700	$ 1,011,382	223,305	$ 0.7700	$ 171,945	-	$ 2.5300	$ -	$ 171,945
May	323,432	$ 4.6700	$ 1,510,427	333,841	$ 0.7700	$ 257,058	-	$ 2.5300	$ -	$ 257,058
June	320,887	$ 4.6700	$ 1,498,542	344,246	$ 0.7700	$ 265,069	-	$ 2.5300	$ -	$ 265,069
July	381,972	$ 4.9000	$ 1,871,663	394,450	$ 0.8100	$ 319,505	-	$ 2.6500	$ -	$ 319,505
August	364,334	$ 4.9000	$ 1,785,237	373,817	$ 0.8100	$ 302,792	-	$ 2.6500	$ -	$ 302,792
September	304,370	$ 4.9000	$ 1,491,413	310,787	$ 0.8100	$ 251,737	-	$ 2.6500	$ -	$ 251,737
October	242,959	$ 4.9000	$ 1,190,499	259,252	$ 0.8100	$ 209,994	-	$ 2.6500	$ -	$ 209,994
November	266,737	$ 4.9000	$ 1,307,011	278,574	$ 0.8100	$ 225,645	-	$ 2.6500	$ -	$ 225,645
December	293,613	$ 4.9000	$ 1,438,704	297,335	$ 0.8100	$ 240,841	-	$ 2.6500	$ -	$ 240,841
Total	3,481,135	$ 4.79	$ 16,683,317	3,638,734	$ 0.79	$ 2,878,394	-	$ -	$ -	$ 2,878,394

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Amount**
January	-	$ 3.4778	$ -	-	$ 0.8128	$ -	-	$ 2.0458	$ -	$ -
February	-	$ 3.4778	$ -	-	$ 0.8128	$ -	-	$ 2.0458	$ -	$ -
March	-	$ 3.4778	$ -	-	$ 0.8128	$ -	-	$ 2.0458	$ -	$ -
April	-	$ 3.4778	$ -	-	$ 0.8128	$ -	-	$ 2.0458	$ -	$ -
May	-	$ 3.4778	$ -	-	$ 0.8128	$ -	-	$ 2.0458	$ -	$ -
June	-	$ 3.4778	$ -	-	$ 0.8128	$ -	-	$ 2.0458	$ -	$ -
July	-	$ 3.4778	$ -	-	$ 0.8128	$ -	-	$ 2.0458	$ -	$ -
August	-	$ 3.4778	$ -	-	$ 0.8128	$ -	-	$ 2.0458	$ -	$ -
September	-	$ 3.4778	$ -	-	$ 0.8128	$ -	-	$ 2.0458	$ -	$ -
October	-	$ 3.4778	$ -	-	$ 0.8128	$ -	-	$ 2.0458	$ -	$ -
November	-	$ 3.4778	$ -	-	$ 0.8128	$ -	-	$ 2.0458	$ -	$ -
December	-	$ 3.4778	$ -	-	$ 0.8128	$ -	-	$ 2.0458	$ -	$ -
Total	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -

Add Extra Host Here (I)	Network			Line Connection			Transformation Connection			Total Connection
Month	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Amount**
January	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
February	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
March	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
April	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
May	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
June	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
July	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
August	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
September	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
October	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
November	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
December	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
Total	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -

Add Extra Host Here (II)	Network			Line Connection			Transformation Connection			Total Connection
Month	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Amount**
January	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
February	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
March	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
April	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
May	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
June	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
July	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
August	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
September	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
October	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
November	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
December	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
Total	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -

Total	Network			Line Connection			Transformation Connection			Total Connection
Month	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Amount**
January	261,535	$ 4.6700	$ 1,221,368	285,562	$ 0.7700	$ 219,883	-	$ -	$ -	$ 219,883
February	260,242	$ 4.6700	$ 1,215,330	279,546	$ 0.7700	$ 215,250	-	$ -	$ -	$ 215,250
March	244,484	$ 4.6700	$ 1,141,740	258,019	$ 0.7700	$ 198,675	-	$ -	$ -	$ 198,675
April	216,570	$ 4.6700	$ 1,011,382	223,305	$ 0.7700	$ 171,945	-	$ -	$ -	$ 171,945
May	323,432	$ 4.6700	$ 1,510,427	333,841	$ 0.7700	$ 257,058	-	$ -	$ -	$ 257,058
June	320,887	$ 4.6700	$ 1,498,542	344,246	$ 0.7700	$ 265,069	-	$ -	$ -	$ 265,069
July	381,972	$ 4.9000	$ 1,871,663	394,450	$ 0.8100	$ 319,505	-	$ -	$ -	$ 319,505
August	364,334	$ 4.9000	$ 1,785,237	373,817	$ 0.8100	$ 302,792	-	$ -	$ -	$ 302,792
September	304,370	$ 4.9000	$ 1,491,413	310,787	$ 0.8100	$ 251,737	-	$ -	$ -	$ 251,737
October	242,959	$ 4.9000	$ 1,190,499	259,252	$ 0.8100	$ 209,994	-	$ -	$ -	$ 209,994
November	266,737	$ 4.9000	$ 1,307,011	278,574	$ 0.8100	$ 225,645	-	$ -	$ -	$ 225,645
December	293,613	$ 4.9000	$ 1,438,704	297,335	$ 0.8100	$ 240,841	-	$ -	$ -	$ 240,841
Total	3,481,135	$ 4.79	$ 16,683,317	3,638,734	$ 0.79	$ 2,878,394	-	$ -	$ -	$ 2,878,394

Low Voltage Switchgear Credit (if applicable)	$ -
Total including deduction for Low Voltage Switchgear Credit	$ 2,878,394

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

The purpose of this sheet is to calculate the expected billing when forecasted 2022 Uniform Transmission Rates are applied against historical 2020 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Amount**
January	261,535	$ 4.9000	$ 1,281,522	285,562	$ 0.8100	$ 231,305	-	$ 2.6500	$ -	$ 231,305
February	260,242	$ 4.9000	$ 1,275,186	279,546	$ 0.8100	$ 226,432	-	$ 2.6500	$ -	$ 226,432
March	244,484	$ 4.9000	$ 1,197,972	258,019	$ 0.8100	$ 208,995	-	$ 2.6500	$ -	$ 208,995
April	216,570	$ 4.9000	$ 1,061,193	223,305	$ 0.8100	$ 180,877	-	$ 2.6500	$ -	$ 180,877
May	323,432	$ 4.9000	$ 1,584,817	333,841	$ 0.8100	$ 270,411	-	$ 2.6500	$ -	$ 270,411
June	320,887	$ 4.9000	$ 1,572,346	344,246	$ 0.8100	$ 278,839	-	$ 2.6500	$ -	$ 278,839
July	381,972	$ 4.9000	$ 1,871,663	394,450	$ 0.8100	$ 319,505	-	$ 2.6500	$ -	$ 319,505
August	364,334	$ 4.9000	$ 1,785,237	373,817	$ 0.8100	$ 302,792	-	$ 2.6500	$ -	$ 302,792
September	304,370	$ 4.9000	$ 1,491,413	310,787	$ 0.8100	$ 251,737	-	$ 2.6500	$ -	$ 251,737
October	242,959	$ 4.9000	$ 1,190,499	259,252	$ 0.8100	$ 209,994	-	$ 2.6500	$ -	$ 209,994
November	266,737	$ 4.9000	$ 1,307,011	278,574	$ 0.8100	$ 225,645	-	$ 2.6500	$ -	$ 225,645
December	293,613	$ 4.9000	$ 1,438,704	297,335	$ 0.8100	$ 240,841	-	$ 2.6500	$ -	$ 240,841
Total	3,481,135	$ 4.90	$ 17,057,562	3,638,734	$ 0.81	$ 2,947,375	-	$ -	$ -	$ 2,947,375

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Amount**
January	-	$ 3.4778	$ -	-	$ 0.8128	$ -	-	$ 2.0458	$ -	$ -
February	-	$ 3.4778	$ -	-	$ 0.8128	$ -	-	$ 2.0458	$ -	$ -
March	-	$ 3.4778	$ -	-	$ 0.8128	$ -	-	$ 2.0458	$ -	$ -
April	-	$ 3.4778	$ -	-	$ 0.8128	$ -	-	$ 2.0458	$ -	$ -
May	-	$ 3.4778	$ -	-	$ 0.8128	$ -	-	$ 2.0458	$ -	$ -
June	-	$ 3.4778	$ -	-	$ 0.8128	$ -	-	$ 2.0458	$ -	$ -
July	-	$ 3.4778	$ -	-	$ 0.8128	$ -	-	$ 2.0458	$ -	$ -
August	-	$ 3.4778	$ -	-	$ 0.8128	$ -	-	$ 2.0458	$ -	$ -
September	-	$ 3.4778	$ -	-	$ 0.8128	$ -	-	$ 2.0458	$ -	$ -
October	-	$ 3.4778	$ -	-	$ 0.8128	$ -	-	$ 2.0458	$ -	$ -
November	-	$ 3.4778	$ -	-	$ 0.8128	$ -	-	$ 2.0458	$ -	$ -
December	-	$ 3.4778	$ -	-	$ 0.8128	$ -	-	$ 2.0458	$ -	$ -
Total	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -

Add Extra Host Here (I)	Network			Line Connection			Transformation Connection			Total Connection
Month	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Amount**
January	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
February	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
March	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
April	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
May	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
June	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
July	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
August	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
September	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
October	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
November	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
December	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
Total	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -

Add Extra Host Here (II)	Network			Line Connection			Transformation Connection			Total Connection
Month	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Amount**
January	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
February	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
March	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
April	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
May	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
June	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
July	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
August	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
September	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
October	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
November	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
December	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
Total	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -

Total	Network			Line Connection			Transformation Connection			Total Connection
Month	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Amount**
January	261,535	$ 4.90	$ 1,281,522	285,562	$ 0.81	$ 231,305	-	$ -	$ -	$ 231,305
February	260,242	$ 4.90	$ 1,275,186	279,546	$ 0.81	$ 226,432	-	$ -	$ -	$ 226,432
March	244,484	$ 4.90	$ 1,197,972	258,019	$ 0.81	$ 208,995	-	$ -	$ -	$ 208,995
April	216,570	$ 4.90	$ 1,061,193	223,305	$ 0.81	$ 180,877	-	$ -	$ -	$ 180,877
May	323,432	$ 4.90	$ 1,584,817	333,841	$ 0.81	$ 270,411	-	$ -	$ -	$ 270,411
June	320,887	$ 4.90	$ 1,572,346	344,246	$ 0.81	$ 278,839	-	$ -	$ -	$ 278,839
July	381,972	$ 4.90	$ 1,871,663	394,450	$ 0.81	$ 319,505	-	$ -	$ -	$ 319,505
August	364,334	$ 4.90	$ 1,785,237	373,817	$ 0.81	$ 302,792	-	$ -	$ -	$ 302,792
September	304,370	$ 4.90	$ 1,491,413	310,787	$ 0.81	$ 251,737	-	$ -	$ -	$ 251,737
October	242,959	$ 4.90	$ 1,190,499	259,252	$ 0.81	$ 209,994	-	$ -	$ -	$ 209,994
November	266,737	$ 4.90	$ 1,307,011	278,574	$ 0.81	$ 225,645	-	$ -	$ -	$ 225,645
December	293,613	$ 4.90	$ 1,438,704	297,335	$ 0.81	$ 240,841	-	$ -	$ -	$ 240,841
Total	3,481,135	$ 4.90	$ 17,057,562	3,638,734	$ 0.81	$ 2,947,375	-	$ -	$ -	$ 2,947,375
									Low Voltage Switchgear Credit (if applicable)	$ -
									Total including deduction for Low Voltage Switchgear Credit	$ 2,947,375

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

The purpose of this table is to re-align the current RTS Network Rates to recover current wholesale network costs.

Rate Class	Rate Description	Unit	Current RTSR-Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0081	739,781,455	0	5,992,230	38.0%	6,338,571	0.0086
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0070	229,143,129	0	1,604,002	10.2%	1,696,711	0.0074
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	3.7361		2,074,142	7,749,202	49.1%	8,197,094	3.9520
Large Use Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	$/kW	3.5115		59,163	207,751	1.3%	219,759	3.7145
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0070	4,117,731	0	28,824	0.2%	30,490	0.0074
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	2.2719		20,068	45,592	0.3%	48,228	2.4032
Embedded Distributor Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	3.5226		40,917	144,134	0.9%	152,465	3.7262

The purpose of this table is to re-align the current RTS Connection Rates to recover current wholesale connection costs.

Rate Class	Rate Description	Unit	Current RTSR-Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR-Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0013	739,781,455	0	961,716	35.5%	1,022,615	0.0014
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0012	229,143,129	0	274,972	10.2%	292,384	0.0013
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.6720		2,074,142	1,393,823	51.5%	1,482,085	0.7146
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	$/kW	0.6318		59,163	37,379	1.4%	39,746	0.6718
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0012	4,117,731	0	4,941	0.2%	5,254	0.0013
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.4091		20,068	8,210	0.3%	8,730	0.4350
Embedded Distributor Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.6339		40,917	25,937	1.0%	27,580	0.6740

The purpose of this table is to update the re-aligned RTS Network Rates to recover future wholesale network costs.

Rate Class	Rate Description	Unit	Adjusted RTSR-Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR-Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0086	739,781,455	0	6,338,571	38.0%	6,480,760	**0.0088**
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0074	229,143,129	0	1,696,711	10.2%	1,734,772	**0.0076**
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	3.9520		2,074,142	8,197,094	49.1%	8,380,973	**4.0407**
Large Use Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	$/kW	3.7145		59,163	219,759	1.3%	224,688	**3.7978**
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0074	4,117,731	0	30,490	0.2%	31,174	**0.0076**
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	2.4032		20,068	48,228	0.3%	49,310	**2.4571**
Embedded Distributor Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	3.7262		40,917	152,465	0.9%	155,885	**3.8098**

The purpose of this table is to update the re-aligned RTS Connection Rates to recover future wholesale connection costs.

Rate Class	Rate Description	Unit	Adjusted RTSR-Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR-Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0014	739,781,455	0	1,022,615	35.5%	1,047,122	**0.0014**
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0013	229,143,129	0	292,384	10.2%	299,391	**0.0013**
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.7146		2,074,142	1,482,085	51.5%	1,517,603	**0.7317**
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	$/kW	0.6718		59,163	39,746	1.4%	40,699	**0.6879**
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0013	4,117,731	0	5,254	0.2%	5,380	**0.0013**
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.4350		20,068	8,730	0.3%	8,939	**0.4454**
Embedded Distributor Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.6740		40,917	27,580	1.0%	28,241	**0.6902**

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

If applicable, please enter any adjustments related to the revenue to cost ratio model into columns C and E. The Price Escalator has been set at the 2021 value and will be updated by OEB staff at a later date.

Price Escalator	2.20%	Productivity Factor	0.00%
Choose Stretch Factor Group	II	Price Cap Index	2.05%
Associated Stretch Factor Value	0.15%		

Rate Class	Current MFC	MFC Adjustment from R/C Model	Current Volumetric Charge	DVR Adjustment from R/C Model	Price Cap Index to be Applied to MFC and DVR	Proposed MFC	Proposed Volumetric Charge

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generat for 2022 Filers

Update the following rates if an OEB Decision has been issued at the time of completing this application

Regulatory Charges

Effective Date of Regulatory Charges		**January 1, 2021**	**January 1, 2022**
Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$/kWh	0.25	0.25

Time-of-Use RPP Prices

As of		May 1, 2021
Off-Peak	$/kWh	0.0820
Mid-Peak	$/kWh	0.1130
On-Peak	$/kWh	0.1700

Smart Meter Entity Charge (SME)

Smart Meter Entity Charge (SME)	$	0.57

Distribution Rate Protection (DRP) Amount (Applicable to LDCs under the Distribution Rate Protection program):	$	36.86

Miscellaneous Service Charges

Wireline Pole Attachment Charge	**Unit**	**Current charge**	**Inflation factor ***	**Proposed charge ** / *****
Specific charge for access to the power poles - per pole/year	$	44.50	2.20%	45.48

Retail Service Charges		**Current charge**	**Inflation factor***	**Proposed charge *****
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	$	104.24	2.20%	106.53
Monthly fixed charge, per retailer	$	41.70	2.20%	42.62
Monthly variable charge, per customer, per retailer	$/cust.	1.04	2.20%	1.06
Distributor-consolidated billing monthly charge, per customer, per retailer	$/cust.	0.62	2.20%	0.63
Retailer-consolidated billing monthly credit, per customer, per retailer	$/cust.	(0.62)	2.20%	(0.63)
Service Transaction Requests (STR)			2.20%	-
Request fee, per request, applied to the requesting party	$	0.52	2.20%	0.53
Processing fee, per request, applied to the requesting party	$	1.04	2.20%	1.06
Electronic Business Transaction (EBT) system, applied to the requesting party				
up to twice a year		no charge		no charge
more than twice a year, per request (plus incremental delivery costs)	$	4.17	2.20%	4.26
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	$	2.00	2.20%	2.04

* inflation factor subject to change pending OEB approved inflation rate effective in 2021
** applicable only to LDCs in which the province-wide pole attachment charge applies
*** subject to change pending OEB order on miscellaneous service charges

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

In the Green Cells below, enter all proposed rate riders/rates.
In column A, select the rate rider descriptions from the drop-down list in the blue cells. If the rate description cannot be found, enter the rate rider descriptions in the green cells. The rate rider description must begin with "Rate Rider for".
In column B, choose the associated unit from the drop-down menu.
In column C, enter the rate. All rate riders with a "$" unit should be rounded to 2 decimal places and all others rounded to 4 decimal places.
In column E, enter the expiry date (e.g. April 30, 2022) or description of the expiry date in text (e.g. the effective date of the next cost of service-based rate order).
In column G, a sub-total (A or B) should already be assigned to the rate rider unless the rate description was entered into a green cell in column A. In these particular cases, from the dropdown list in column G, choose the appropriate sub-total (A or B). Sub-total A refers to rates/rate riders that Not considered as pass through costs (eg: LRAMVA and ICM/ACM rate riders). Sub-total B refers to rates/rate riders that are considered pass through costs.

RESIDENTIAL SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

LARGE USE SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

			- effective until	
			- effective until	
			- effective until	
			- effective until	

STREET LIGHTING SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

STANDBY POWER SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

MICROFIT SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2021-0038

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. All customers are single-phase. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	23.41
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022		
Applicable only for Non-RPP Customers	$/kWh	0.0010
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	$/kWh	0.0029
Retail Transmission Rate - Network Service Rate	$/kWh	0.0088
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0014

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2021-0038

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non residential account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	28.65
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Distribution Volumetric Rate	$/kWh	0.0138
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022 Applicable only for Non-RPP Customers	$/kWh	0.0010
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until December 31, 2022	$/kWh	0.0007
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	$/kWh	0.0029
Retail Transmission Rate - Network Service Rate	$/kWh	0.0076
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0013

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2021-0038

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Note that for the application of the Retail Transmission Rate - Network Service Rate and the Retail Transmission Rate - Line and Transformation Connection Service Rate the following sub-classifications apply: General Service 50 to 999 kW non-interval metered, General Service 50 to 999 kW interval metered and General Service 1,000 to 4,999 kW interval metered. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor’s Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	190.82
Distribution Volumetric Rate	$/kW	4.9128

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

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		EB-2021-0038
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022 Applicable only for Non-RPP Customers	$/kWh	0.0010
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until December 31, 2022	$/kW	0.2927
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022 Applicable only for Non-Wholesale Market Participants	$/kW	(0.2869)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	$/kW	1.3713
Retail Transmission Rate - Network Service Rate	$/kW	4.0407
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.7317

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2021-0038

LARGE USE SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	17,749.41
Distribution Volumetric Rate	$/kW	1.6302
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	$/kW	1.3611
Retail Transmission Rate - Network Service Rate - Interval Metered	$/kW	3.7978
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	$/kW	0.6879

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2021-0038

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/ documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	7.67
Distribution Volumetric Rate	$/kWh	0.0149
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	$/kWh	0.0029
Retail Transmission Rate - Network Service Rate	$/kWh	0.0076
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0013

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2021-0038

STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	0.71
Distribution Volumetric Rate	$/kW	4.8335
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022 Applicable only for Non-RPP Customers	$/kWh	0.0010
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until December 31, 2022	$/kW	5.6257
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	$/kW	1.0292
Retail Transmission Rate - Network Service Rate	$/kW	2.4571
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.4454

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2021-0038

EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

This classification applies to an electricity distributor licensed by the Ontario Energy Board that is provided electricity by means of this distributor's facilities. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	$/kW	1.5652
Monthly Distribution Wheeling Service Rate - Dedicated LV Line	$/kW	2.5181
Retail Transmission Rate - Network Service Rate	$/kW	3.8098
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.6902

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

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EB-2021-0038

microFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Independent Electricity System Operator's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Condition of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor’s Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	4.55

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

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EB-2021-0038

STANDBY POWER SERVICE CLASSIFICATION

This classification applies to an account with load displacement facilities that contracts with the distributor to provide emergency standby power when its load displacement facilities are not in operation. The level of the billing demand will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation such as name-plate rating of the load displacement facility. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component - Approved on an Interim Basis

Standby Charge - for a month where standby power is not provided, the charge is based on the applicable General Service 50 to 4,999 kW or Large use Distribution Volumetric Charge applied to the contracted amount (e.g. nameplate rating of generation facility).

ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	$/kW	(0.60)
Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	%	(1.00)

SPECIFIC SERVICE CHARGES

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

Kitchener-Wilmot Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2022
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EB-2021-0038

Customer Administration		
Returned cheque (plus bank charges)	$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	$	20.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	$	30.00
Non-Payment of Account		
Late payment - per month		
(effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Reconnection at meter - during regular hours	$	65.00
Reconnection at meter - after regular hours	$	185.00
Reconnection at pole - during regular hours	$	95.00
Other		
Meter removal without authorization	$	355.00
Service call - after regular hours	$	105.00
Specific charge for access to the power poles - $/pole/year		
(with the exception of wireless attachments) - Approved on an Interim Basis	$	45.48

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity.		
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	$	106.53
Monthly fixed charge, per retailer	$	42.62
Monthly variable charge, per customer, per retailer	$/cust.	1.06
Distributor-consolidated billing monthly charge, per customer, per retailer	$/cust.	0.63
Retailer-consolidated billing monthly credit, per customer, per retailer	$/cust.	(0.63)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	$	0.53
Processing fee, per request, applied to the requesting party	$	1.06
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	$	no charge

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

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		EB-2021-0038
More than twice a year, per request (plus incremental delivery costs)	$	4.26
Notice of Switch letter charge, per letter	$	2.08

LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.035
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0154
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0226
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0053

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2022 Filers

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 750 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for Non-RPP (retailer) as well. **To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (In other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to section 3.2.3 of the Chapter 3 Filing Requirements For Electricity Distribution Rate Applications.**

For certain classes where one or more customers have unique consumption and demand patterns and which may be significantly impacted by the proposed rate changes, the distributor must show a typical comparison, and provide an explanation.

Note:
1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of June 2021 of $0.2689/kWh (IESO's Monthly Market Report for June 2021) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.
2. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.
Note that cells with the highlighted color shown to the left indicate quantities that are loss adjusted.

Table 1

RATE CLASSES / CATEGORIES *(eg: Residential TOU, Residential Retailer)*	**Units**	**RPP? Non-RPP Retailer? Non-RPP Other?**	**Current Loss Factor** (eg: 1.0351)	**Proposed Loss Factor**	**Consumption (kWh)**	**Demand kW (if applicable)**	**RTSR Demand or Demand-Interval?**	**Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).**
RESIDENTIAL SERVICE CLASSIFICATION	**kWh**	RPP	1.035	1.035	750		CONSUMPTION	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	**kWh**	RPP	1.035	1.035	2,000		CONSUMPTION	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	**kW**	Non-RPP (Other)	1.035	1.035	20,000	60	DEMAND	
LARGE USE SERVICE CLASSIFICATION	**kW**	Non-RPP (Other)	1.035	1.035	2,650,000	5,250	DEMAND	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	**kWh**	RPP	1.035	1.035	2,000		CONSUMPTION	1
STREET LIGHTING SERVICE CLASSIFICATION	**kW**	Non-RPP (Other)	1.035	1.035	2,500	7	DEMAND	100
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	**kW**	Non-RPP (Other)	1.035	1.035	1,500,000	3,600	DEMAND	
STANDBY POWER SERVICE CLASSIFICATION	**kW**		1.035	1.035				
Add additional scenarios if required			1.035	1.035				
Add additional scenarios if required			1.035	1.035				
Add additional scenarios if required			1.035	1.035				
Add additional scenarios if required			1.035	1.035				
Add additional scenarios if required			1.035	1.035				
Add additional scenarios if required			1.035	1.035				
Add additional scenarios if required			1.035	1.035				
Add additional scenarios if required			1.035	1.035				
Add additional scenarios if required			1.035	1.035				
Add additional scenarios if required			1.035	1.035				
Add additional scenarios if required			1.035	1.035				
Add additional scenarios if required			1.035	1.035				

Table 2

RATE CLASSES / CATEGORIES *(eg: Residential TOU, Residential Retailer)*	Units	Sub-Total						Total	
		A		B		C		Total Bill	
		$	%	$	%	$	%	$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	$ 0.02	0.1%	$ 2.42	9.1%	$ 3.04	9.0%	$ 2.86	2.7%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	$ 0.58	1.0%	$ 6.78	10.5%	$ 8.23	10.1%	$ 7.74	2.8%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 1.45	0.3%	$ 64.19	12.3%	$ 86.05	10.9%	$ 97.24	1.3%
LARGE USE SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 528.22	2.0%	$ 8,026.80	31.6%	$ 8,026.80	31.6%	$ 9,070.28	1.0%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	$ 0.75	2.0%	$ 6.95	16.0%	$ 8.40	13.9%	$ 7.90	3.0%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ (9.11)	-5.9%	$ (2.28)	-1.3%	$ (0.72)	-0.4%	$ (0.82)	-0.1%
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 182.16	2.1%	$ (33.12)	-0.4%	$ 1,203.48	5.0%	$ 1,359.93	0.3%
STANDBY POWER SERVICE CLASSIFICATION -	kW	$ -	0.0%	$ -	0.0%	$ -	0.0%	$ -	0.0%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0350	
Proposed/Approved Loss Factor	1.0350	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 22.94	1	$ 22.94	$ 23.41	1	$ 23.41	$ 0.47	2.05%	
Distribution Volumetric Rate	$ -	750	$ -	$ -	750	$ -	$ -		
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Volumetric Rate Riders	$ 0.0006	750	$ 0.45	$ -	750	$ -	$ (0.45)	-100.00%	
Sub-Total A (excluding pass through)			**$ 23.39**			**$ 23.41**	**$ 0.02**	**0.09%**	
Line Losses on Cost of Power	$ 0.1034	26	$ 2.71	$ 0.1034	26	$ 2.71	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	-$ 0.0002	750	$ (0.15)	$ 0.0029	750	$ 2.18	$ 2.33	-1550.00%	
CBR Class B Rate Riders	-$ 0.0001	750	$ (0.08)	$ -	750	$ -	$ 0.08	-100.00%	
GA Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
Low Voltage Service Charge	$ -	750	$ -		750	$ -	$ -		
Smart Meter Entity Charge (if applicable)	$ 0.57	1	$ 0.57	$ 0.57	1	$ 0.57	$ -	0.00%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 26.45**			**$ 28.87**	**$ 2.42**	**9.15%**	
RTSR - Network	$ 0.0081	776	$ 6.29	$ 0.0088	776	$ 6.83	$ 0.54	8.64%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0013	776	$ 1.01	$ 0.0014	776	$ 1.09	$ 0.08	7.69%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 33.75**			**$ 36.79**	**$ 3.04**	**9.01%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	776	$ 2.64	$ 0.0034	776	$ 2.64	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	776	$ 0.39	$ 0.0005	776	$ 0.39	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0820	480	$ 39.36	$ 0.0820	480	$ 39.36	$ -	0.00%	
TOU - Mid Peak	$ 0.1130	135	$ 15.26	$ 0.1130	135	$ 15.26	$ -	0.00%	
TOU - On Peak	$ 0.1700	135	$ 22.95	$ 0.1700	135	$ 22.95	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 114.59**			**$ 117.63**	**$ 3.04**	**2.65%**	
HST	13%		$ 14.90	13%		$ 15.29	$ 0.40	2.65%	
Ontario Electricity Rebate	18.9%		$ (21.66)	18.9%		$ (22.23)	$ (0.57)		
Total Bill on TOU			**$ 107.83**			**$ 110.69**	**$ 2.86**	**2.65%**	

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0350	
Proposed/Approved Loss Factor	1.0350	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 28.07	1	$ 28.07	$ 28.65	1	$ 28.65	$ 0.58	2.07%	
Distribution Volumetric Rate	$ 0.0135	2000	$ 27.00	$ 0.0138	2000	$ 27.60	$ 0.60	2.22%	
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Volumetric Rate Riders	$ 0.0010	2000	$ 2.00	$ 0.0007	2000	$ 1.40	$ (0.60)	-30.00%	
Sub-Total A (excluding pass through)			**$ 57.07**			**$ 57.65**	**$ 0.58**	**1.02%**	
Line Losses on Cost of Power	$ 0.1034	70	$ 7.24	$ 0.1034	70	$ 7.24	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	-$ 0.0001	2,000	$ (0.20)	$ 0.0029	2,000	$ 5.80	$ 6.00	-3000.00%	
CBR Class B Rate Riders	-$ 0.0001	2,000	$ (0.20)	$ -	2,000	$ -	$ 0.20	-100.00%	
GA Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
Low Voltage Service Charge	$ -	2,000	$ -		2,000	$ -	$ -		
Smart Meter Entity Charge (if applicable)	$ 0.57	1	$ 0.57	$ 0.57	1	$ 0.57	$ -	0.00%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 64.48**			**$ 71.26**	**$ 6.78**	**10.51%**	
RTSR - Network	$ 0.0070	2,070	$ 14.49	$ 0.0076	2,070	$ 15.73	$ 1.24	8.57%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0012	2,070	$ 2.48	$ 0.0013	2,070	$ 2.69	$ 0.21	8.33%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 81.45**			**$ 89.68**	**$ 8.23**	**10.10%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	2,070	$ 7.04	$ 0.0034	2,070	$ 7.04	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	2,070	$ 1.04	$ 0.0005	2,070	$ 1.04	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0820	1,280	$ 104.96	$ 0.0820	1,280	$ 104.96	$ -	0.00%	
TOU - Mid Peak	$ 0.1130	360	$ 40.68	$ 0.1130	360	$ 40.68	$ -	0.00%	
TOU - On Peak	$ 0.1700	360	$ 61.20	$ 0.1700	360	$ 61.20	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 296.62**			**$ 304.85**	**$ 8.23**	**2.77%**	
HST	13%		$ 38.56	13%		$ 39.63	$ 1.07	2.77%	
Ontario Electricity Rebate	18.9%		$ (56.06)	18.9%		$ (57.62)	$ (1.56)		
Total Bill on TOU			**$ 279.12**			**$ 286.86**	**$ 7.74**	**2.77%**	

Customer Class:	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	20,000	kWh
Demand	60	kW
Current Loss Factor	1.0350	
Proposed/Approved Loss Factor	1.0350	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 186.99	1	$ 186.99	$ 190.82	1	$ 190.82	$ 3.83	2.05%	
Distribution Volumetric Rate	$ 4.8141	60	$ 288.85	$ 4.9128	60	$ 294.77	$ 5.92	2.05%	
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Volumetric Rate Riders	$ 0.4311	60	$ 25.87	$ 0.2927	60	$ 17.56	$ (8.30)	-32.10%	
Sub-Total A (excluding pass through)			**$ 501.70**			**$ 503.15**	**$ 1.45**	**0.29%**	
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -		
Total Deferral/Variance Account Rate Riders	-$ 0.0517	60	$ (3.10)	$ 1.0844	60	$ 65.06	$ 68.17	-2197.49%	
CBR Class B Rate Riders	-$ 0.0430	60	$ (2.58)	$ -	60	$ -	$ 2.58	-100.00%	
GA Rate Riders	$ 0.0014	20,000	$ 28.00	$ 0.0010	20,000	$ 20.00	$ (8.00)	-28.57%	
Low Voltage Service Charge	$ -	60	$ -		60	$ -	$ -		
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders	$ -	60	$ -	$ -	60	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 524.02**			**$ 588.21**	**$ 64.19**	**12.25%**	
RTSR - Network	$ 3.7361	60	$ 224.17	$ 4.0407	60	$ 242.44	$ 18.28	8.15%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 0.6720	60	$ 40.32	$ 0.7317	60	$ 43.90	$ 3.58	8.88%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 788.51**			**$ 874.56**	**$ 86.05**	**10.91%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	20,700	$ 70.38	$ 0.0034	20,700	$ 70.38	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	20,700	$ 10.35	$ 0.0005	20,700	$ 10.35	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
Average IESO Wholesale Market Price	$ 0.2689	20,700	$ 5,566.23	$ 0.2689	20,700	$ 5,566.23	$ -	0.00%	
Total Bill on Average IESO Wholesale Market Price			**$ 6,435.72**			**$ 6,521.77**	**$ 86.05**	**1.34%**	
HST	13%		$ 836.64	13%		$ 847.83	$ 11.19	1.34%	
Ontario Electricity Rebate	18.9%		$ (1,216.35)	18.9%		$ (1,232.61)			
Total Bill on Average IESO Wholesale Market Price			**$ 7,272.36**			**$ 7,369.60**	**$ 97.24**	**1.34%**	

Customer Class:	LARGE USE SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	2,650,000	kWh
Demand	5,250	kW
Current Loss Factor	1.0350	
Proposed/Approved Loss Factor	1.0350	

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 17,392.86	1	$ 17,392.86	$ 17,749.41	1	$ 17,749.41	$ 356.55	2.05%
Distribution Volumetric Rate	$ 1.5975	5250	$ 8,386.88	$ 1.6302	5250	$ 8,558.55	$ 171.68	2.05%
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -	
Volumetric Rate Riders	$ -	5250	$ -	$ -	5250	$ -	$ -	
Sub-Total A (excluding pass through)			**$ 25,779.74**			**$ 26,307.96**	**$ 528.22**	**2.05%**
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -	
Total Deferral/Variance Account Rate Riders	-$ 0.0672	5,250	$ (352.80)	$ 1.3611	5,250	$ 7,145.78	$ 7,498.58	-2125.45%
CBR Class B Rate Riders	$ -	5,250	$ -	$ -	5,250	$ -	$ -	
GA Rate Riders	$ -	2,650,000	$ -	$ -	2,650,000	$ -	$ -	
Low Voltage Service Charge	$ -	5,250	$ -		5,250	$ -	$ -	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Volumetric Rate Riders	$ -	5,250	$ -	$ -	5,250	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ 25,426.94**			**$ 33,453.74**	**$ 8,026.80**	**31.57%**
RTSR - Network	$ -	5,250	$ -	$ -	5,250	$ -	$ -	
RTSR - Connection and/or Line and Transformation Connection	$ -	5,250	$ -	$ -	5,250	$ -	$ -	
Sub-Total C - Delivery (including Sub-Total B)			**$ 25,426.94**			**$ 33,453.74**	**$ 8,026.80**	**31.57%**
Wholesale Market Service Charge (WMSC)	$ 0.0034	2,742,750	$ 9,325.35	$ 0.0034	2,742,750	$ 9,325.35	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0005	2,742,750	$ 1,371.38	$ 0.0005	2,742,750	$ 1,371.38	$ -	0.00%
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%
Average IESO Wholesale Market Price	$ 0.2689	2,742,750	$ 737,525.48	$ 0.2689	2,742,750	$ 737,525.48	$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			**$ 773,649.39**			**$ 781,676.19**	**$ 8,026.80**	**1.04%**
HST	13%		$ 100,574.42	13%		$ 101,617.90	$ 1,043.48	1.04%
Ontario Electricity Rebate	18.9%		$ -	18.9%		$ -		
Total Bill on Average IESO Wholesale Market Price			**$ 874,223.81**			**$ 883,294.09**	**$ 9,070.28**	**1.04%**

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0350	
Proposed/Approved Loss Factor	1.0350	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 7.52	1	$ 7.52	$ 7.67	1	$ 7.67	$ 0.15	1.99%	
Distribution Volumetric Rate	$ 0.0146	2000	$ 29.20	$ 0.0149	2000	$ 29.80	$ 0.60	2.05%	
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Volumetric Rate Riders	$ -	2000	$ -	$ -	2000	$ -	$ -		
Sub-Total A (excluding pass through)			**$ 36.72**			**$ 37.47**	**$ 0.75**	**2.04%**	
Line Losses on Cost of Power	$ 0.1034	70	$ 7.24	$ 0.1034	70	$ 7.24	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	-$ 0.0001	2,000	$ (0.20)	$ 0.0029	2,000	$ 5.80	$ 6.00	-3000.00%	
CBR Class B Rate Riders	-$ 0.0001	2,000	$ (0.20)	$ -	2,000	$ -	$ 0.20	-100.00%	
GA Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
Low Voltage Service Charge	$ -	2,000	$ -		2,000	$ -	$ -		
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 43.56**			**$ 50.51**	**$ 6.95**	**15.96%**	
RTSR - Network	$ 0.0070	2,070	$ 14.49	$ 0.0076	2,070	$ 15.73	$ 1.24	8.57%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0012	2,070	$ 2.48	$ 0.0013	2,070	$ 2.69	$ 0.21	8.33%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 60.53**			**$ 68.93**	**$ 8.40**	**13.87%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	2,070	$ 7.04	$ 0.0034	2,070	$ 7.04	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	2,070	$ 1.04	$ 0.0005	2,070	$ 1.04	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0820	1,280	$ 104.96	$ 0.0820	1,280	$ 104.96	$ -	0.00%	
TOU - Mid Peak	$ 0.1130	360	$ 40.68	$ 0.1130	360	$ 40.68	$ -	0.00%	
TOU - On Peak	$ 0.1700	360	$ 61.20	$ 0.1700	360	$ 61.20	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 275.70**			**$ 284.10**	**$ 8.40**	**3.05%**	
HST	13%		$ 35.84	13%		$ 36.93	$ 1.09	3.05%	
Ontario Electricity Rebate	18.9%		$ (52.11)	18.9%		$ (53.69)	$ (1.59)		
Total Bill on TOU			**$ 259.43**			**$ 267.33**	**$ 7.90**	**3.05%**	

Customer Class:	**STREET LIGHTING SERVICE CLASSIFICATION**	
RPP / Non-RPP:	**Non-RPP (Other)**	
Consumption	**2,500**	**kWh**
Demand	**7**	**kW**
Current Loss Factor	**1.0350**	
Proposed/Approved Loss Factor	**1.0350**	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 0.70	100	$ 70.00	$ 0.71	100	$ 71.00	$ 1.00	1.43%	
Distribution Volumetric Rate	$ 4.7364	7	$ 33.15	$ 4.8335	7	$ 33.83	$ 0.68	2.05%	
Fixed Rate Riders	$ -	100	$ -	$ -	100	$ -	$ -		
Volumetric Rate Riders	$ 7.1672	7	$ 50.17	$ 5.6257	7	$ 39.38	$ (10.79)	-21.51%	
Sub-Total A (excluding pass through)			**$ 153.33**			**$ 144.21**	**$ (9.11)**	**-5.94%**	
Line Losses on Cost of Power	$ 0.2689	88	$ 23.53	$ 0.2689	88	$ 23.53	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	-$ 0.0486	7	$ (0.34)	$ 1.0292	7	$ 7.20	$ 7.54	-2217.70%	
CBR Class B Rate Riders	-$ 0.0416	7	$ (0.29)	$ -	7	$ -	$ 0.29	-100.00%	
GA Rate Riders	$ 0.0014	2,500	$ 3.50	$ 0.0010	2,500	$ 2.50	$ (1.00)	-28.57%	
Low Voltage Service Charge	$ -	7	$ -		7	$ -	$ -		
Smart Meter Entity Charge (if applicable)	$ -	100	$ -	$ -	100	$ -	$ -		
Additional Fixed Rate Riders	$ -	100	$ -	$ -	100	$ -	$ -		
Additional Volumetric Rate Riders	$ -	7	$ -	$ -	7	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 179.72**			**$ 177.45**	**$ (2.28)**	**-1.27%**	
RTSR - Network	$ 2.2719	7	$ 15.90	$ 2.4571	7	$ 17.20	$ 1.30	8.15%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 0.4091	7	$ 2.86	$ 0.4454	7	$ 3.12	$ 0.25	8.87%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 198.49**			**$ 197.77**	**$ (0.72)**	**-0.37%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	2,588	$ 8.80	$ 0.0034	2,588	$ 8.80	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	2,588	$ 1.29	$ 0.0005	2,588	$ 1.29	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	100	$ 25.00	$ 0.25	100	$ 25.00	$ -	0.00%	
Average IESO Wholesale Market Price	$ 0.2689	2,500	$ 672.25	$ 0.2689	2,500	$ 672.25	$ -	0.00%	
Total Bill on Average IESO Wholesale Market Price			**$ 905.83**			**$ 905.11**	**$ (0.72)**	**-0.08%**	
HST	13%		$ 117.76	13%		$ 117.66	$ (0.09)	-0.08%	
Ontario Electricity Rebate	18.9%		$ -	18.9%		$ -			
Total Bill on Average IESO Wholesale Market Price			**$ 1,023.59**			**$ 1,022.77**	**$ (0.82)**	**-0.08%**	

Customer Class:	**EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION**	
RPP / Non-RPP:	**Non-RPP (Other)**	
Consumption	**1,500,000**	**kWh**
Demand	**3,600**	**kW**
Current Loss Factor	**1.0350**	
Proposed/Approved Loss Factor	**1.0350**	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ -	1	$ -	$ -	1	$ -	$ -		
Distribution Volumetric Rate	$ 2.4675	3600	$ 8,883.00	$ 2.5181	3600	$ 9,065.16	$ 182.16	2.05%	
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Volumetric Rate Riders	$ -	3600	$ -	$ -	3600	$ -	$ -		
Sub-Total A (excluding pass through)			**$ 8,883.00**			**$ 9,065.16**	**$ 182.16**	**2.05%**	
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -		
Total Deferral/Variance Account Rate Riders	$ 0.0598	3,600	$ 215.28	$ -	3,600	$ -	$ (215.28)	-100.00%	
CBR Class B Rate Riders	$ -	3,600	$ -	$ -	3,600	$ -	$ -		
GA Rate Riders	$ -	1,500,000	$ -	$ -	1,500,000	$ -	$ -		
Low Voltage Service Charge	$ -	3,600	$ -		3,600	$ -	$ -		
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders	$ -	3,600	$ -	$ -	3,600	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 9,098.28**			**$ 9,065.16**	**$ (33.12)**	**-0.36%**	
RTSR - Network	$ 3.5226	3,600	$ 12,681.36	$ 3.8098	3,600	$ 13,715.28	$ 1,033.92	8.15%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 0.6339	3,600	$ 2,282.04	$ 0.6902	3,600	$ 2,484.72	$ 202.68	8.88%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 24,061.68**			**$ 25,265.16**	**$ 1,203.48**	**5.00%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	1,552,500	$ 5,278.50	$ 0.0034	1,552,500	$ 5,278.50	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	1,552,500	$ 776.25	$ 0.0005	1,552,500	$ 776.25	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
Average IESO Wholesale Market Price	$ 0.2689	1,552,500	$ 417,467.25	$ 0.2689	1,552,500	$ 417,467.25	$ -	0.00%	
Total Bill on Average IESO Wholesale Market Price			**$ 447,583.93**			**$ 448,787.41**	**$ 1,203.48**	**0.27%**	
HST	13%		$ 58,185.91	13%		$ 58,342.36	$ 156.45	0.27%	
Ontario Electricity Rebate	18.9%		$ -	18.9%		$ -			
Total Bill on Average IESO Wholesale Market Price			**$ 505,769.84**			**$ 507,129.77**	**$ 1,359.93**	**0.27%**	

Customer Class:	STANDBY POWER SERVICE CLASSIFICATION	
RPP / Non-RPP:	0	
Consumption	-	kWh
Demand	-	kW
Current Loss Factor	1.0350	
Proposed/Approved Loss Factor	1.0350	

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ -	1	$ -	$ -	1	$ -	$ -	
Distribution Volumetric Rate	$ -	0	$ -	$ -	0	$ -	$ -	
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -	
Volumetric Rate Riders	$ -	0	$ -	$ -	0	$ -	$ -	
Sub-Total A (excluding pass through)			$ -			$ -	$ -	
Line Losses on Cost of Power	$ 0.2689	-	$ -	$ 0.2689	-	$ -	$ -	
Total Deferral/Variance Account Rate Riders	$ -	-	$ -	$ -	-	$ -	$ -	
CBR Class B Rate Riders	$ -	-	$ -	$ -	-	$ -	$ -	
GA Rate Riders	$ -	-	$ -	$ -	-	$ -	$ -	
Low Voltage Service Charge	$ -	-	$ -		-	$ -	$ -	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Volumetric Rate Riders	$ -	-	$ -	$ -	-	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			$ -			$ -	$ -	
RTSR - Network	$ -	-	$ -	$ -	-	$ -	$ -	
RTSR - Connection and/or Line and Transformation Connection	$ -	-	$ -	$ -	-	$ -	$ -	
Sub-Total C - Delivery (including Sub-Total B)			$ -			$ -	$ -	
Wholesale Market Service Charge (WMSC)	$ 0.0034	-	$ -	$ 0.0034	-	$ -	$ -	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	-	$ -	$ 0.0005	-	$ -	$ -	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%
TOU - Off Peak	$ 0.0820	-	$ -	$ 0.0820	-	$ -	$ -	
TOU - Mid Peak	$ 0.1130	-	$ -	$ 0.1130	-	$ -	$ -	
TOU - On Peak	$ 0.1700	-	$ -	$ 0.1700	-	$ -	$ -	
Non-RPP Retailer Avg. Price	$ 0.2689	-	$ -	$ 0.2689	-	$ -	$ -	
Average IESO Wholesale Market Price	$ 0.2689	-	$ -	$ 0.2689	-	$ -	$ -	
Total Bill on TOU (before Taxes)			$ 0.25			$ 0.25	$ -	0.00%
HST	13%		$ 0.03	13%		$ 0.03	$ -	0.00%
Ontario Electricity Rebate	18.9%		$ -	18.9%		$ -	$ -	
Total Bill on TOU			$ 0.28			$ 0.28	$ -	0.00%
Total Bill on Non-RPP Avg. Price			$ 0.25			$ 0.25	$ -	0.00%
HST	13%		$ 0.03	13%		$ 0.03	$ -	0.00%
Ontario Electricity Rebate	18.9%		$ -	18.9%		$ -		
Total Bill on Non-RPP Avg. Price			$ 0.28			$ 0.28	$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			$ 0.25			$ 0.25	$ -	0.00%
HST	13%		$ 0.03	13%		$ 0.03	$ -	0.00%
Ontario Electricity Rebate	18.9%		$ -	18.9%		$ -		
Total Bill on Average IESO Wholesale Market Price			$ 0.28			$ 0.28	$ -	0.00%

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APPENDIX C

Ontario Energy Board

Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form

Version 6.0 (2022)

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 A-1 and A-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.
3-a. Rate Class Allocations	A blank spreadsheet is provided to allow LDCs to populate distributor specific rate class percentages to allocate actual CDM savings to different customer classes.
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 Report	A blank spreadsheet is provided to allow LDCs to populate with CDM savings persistence data provided by the IESO.
8. Streetlighting	A blank spreadsheet is provided to allow LDCs to populate data on streetlighting projects whose savings were not provided by the IESO in the CDM Final Results Report (i.e., streetlighting projects).

This Workbook Model is protected by copyright and is being made available to you solely for the purpose of filing your application. You may use and copy this model for that purpose, and provide a copy of this model to any person that is advising or assisting you in that regard. Except as indicated above, any copying, reproduction, publication, sale, adaptation, translation, modification, reverse engineering or other use or dissemination of this model without the express written consent of the Ontario Energy Board is prohibited. If you provide a copy of this model to a person that is advising or assisting you in preparing the application or reviewing your draft rate order, you must ensure that the person understands and agrees to the restrictions noted above.

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.

Ontario Energy Board

LRAMVA Work Form: Instructions

Version 6.0 (2022)

Tab	Instructions
LRAMVA Checklist/Schematic Tab	The LRAMVA work form was created in a generic manner for use by all LDCs. Distributors should follow the checklist, which is referenced in this tab of the work form and listed below: o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a. o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form. o Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved. o Include a copy of initiative-level persistence savings information that was verified by the IESO. Persistence information is available upon request from the IESO. o Apply the IESO verified savings adjustments to the year it relates to. For example, savings adjustments to 2015 programs will be provided to LDCs with the 2016 Final Results Report. The 2015 savings adjustments should be included in the 2015 verified savings portion of the work form. o Provide documentation or data substantiating savings from projects that were not provided in the IESO's verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as applicable. o Provide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a.
Tab 1. LRAMVA Summary	Distributors are required to report any past approved LRAMVA amounts along with the current LRAMVA amount requested for approval. There are separate tables indicating new lost revenues and carrying charges amounts by year and the totals for rate rider calculations.
Tab 1-a. Summary of Changes	Distributors should list all significant changes and changes in assumptions in the generic work form affecting the LRAMVA.
Tab 2. LRAMVA Threshold	Distributors should use the tables to display the LRAMVA threshold amounts as approved at a rate class level. This should be taken from the LDC's most recently approved cost of service application.
Tab 3. Distribution Rates	Distributors should complete the tables with rate class specific distribution rates and adjustments as applicable.
Tabs 4 and 5 (2011-2020)	Distributors should complete the lost revenue calculation for 2011-2014 program years and 2015-2020 program years, as applicable, by undertaking the following: o Input or manually link the savings, adjustments and program savings persistence data from Tab 7 (Persistence Report) to Tabs 4 and 5. As noted earlier, persistence data is available upon request from the IESO. o Ensure that the IESO verified savings adjustments apply to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the IESO in 2013 should be included in the 2012 program savings table. o Confirm the monthly multipliers applied to demand savings. If a different monthly multiplier is used than what was confirmed in the LRAMVA Report, provide rationale in Tab 1-a and highlight the new monthly multiplier that has been used. o Input the rate class allocations by program and year to allocate actual savings to customers. If a different allocation is proposed for adjustments, LDCs must provide the supporting rationale in Tab 1-a and highlight the change. o Provide assumptions about the year(s) in which persistence is captured in the load forecast via the "Notes" section of each table and adjust what is included in the LRAMVA totals, as appropriate.
Tab 6. Carrying Charges	Distributors are requested to calculate carrying charges based on the methodology provided in the work form. This includes updating Table 6 as new prescribed interest rates for deferral and variance accounts become available and entering any collected interest amounts into the "Amounts Cleared" row to calculate outstanding variances on carrying charges.
Tab 7. Persistence Report	Persistence savings report(s) provided by the IESO should be included for the relevant years in the LRAMVA work form. Tab 7 has been created consistently with the IESO's persistence report.
Tab 8. Streetlighting	A tab is provided to ensure LDCs include documentation or data to support projects whose program savings were not provided by the IESO (i.e., streetlighting projects).

Ontario Energy Board

LRAMVA Work Form: Checklist and Schematic

Version 6.0 (2022)

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. 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 and Participation and Cost Report. 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

- o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a
- o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form
- o Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved
- o Include a copy of initiative-level persistence savings information that was verified by the IESO in Tab 7. Persistence information is available upon request from the IESO
- o Apply the IESO verified savings adjustments to the year it relates to.
- o Provide documentation or data substantiating savings from projects that were not provided in the IESO's verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as applicable

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 included in Tab 7 (Columns L to BT).	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 included in Tab 7 (Columns L to BT).	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 included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
x Allocation % to Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AJ)	Determined by the 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		
x Distribution Rate by Rate Class	Tab "3. Distribution Rates"	Table 3	LDC's Approved Tariff Sheets	
LRAMVA ($) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"			Tables 1-a and 1-b
+ Carrying Charges ($) by Rate Class	Tabs "1. LRAMVA Summary" and "6. Carrying Charges"	Table 6		Table 6-a
Total LRAMVA ($) by Rate Class	Tab "1. LRAMVA Summary"			

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LRAMVA Work Form: Summary Tab

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

LDC Name	Kitchener-Wilmot Hydro inc.

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-2020-0035
Application of Previous LRAMVA Claim	2021 IRM Application
Period of LRAMVA Claimed in Previous Application	2017-2018
Amount of LRAMVA Claimed in Previous Application	$ 1,727,840.00

B. Current LRAMVA Application

Current LRAMVA Application (EB#)	
Application of Current LRAMVA Claim	
Period of New LRAMVA in this Application	
Period of Rate Recovery (# years)	

Actual Lost Revenues ($)	A
Forecast Lost Revenues ($)	B
Carrying Charges ($)	C
LRAMVA ($) for Account 1568	A-B+C

Table 1-a. LRAMVA Totals by Rate Class

Please input the customer rate classes applicable to the LDC and associated billing units (kWh or kW) 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. Please also ensure that the principal amounts in column E of Table 1-a capture the appropriate years and amounts for the LRAMVA claim. Column F of Table 1-a should include projected carrying charges amounts as determined on a rate class basis from Table 1-b below.

NOTE: If the LDC has more than 14 customer classes in which CDM savings was allocated, LDCs must contact OEB staff to make adjustments to the workform.

Customer Class	Billing Unit	Principal ($)	Carrying Charges ($)	Total LRAMVA ($)
Residential	kWh	$0	$0	$0
GS<50 kW	kWh	$149,975	$4,424	$154,399
GS>50 kW	kW	$589,727	$17,396	$607,123
Streetlighting kW	kW	$109,661	$3,235	$112,896
		$0	$0	$0
		$0	$0	$0
		$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		**$849,363**	**$25,054**	**$874,417**

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

In column C of Table 1-b below, please insert a 'check mark' to indicate the years in which LRAMVA has been claimed. If you inserted a check-mark for a particular year, please delete the amounts associated with the actual and forecast lost revenues for all rate classes for that year, up to and including the total. Any LRAMVA from a prior year that has already been claimed cannot 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 LDCs are expected to include projected carrying charges amounts in row 84 of Table 1-b below. LDCs should also check accuracy of the years included in the LRAMVA balance in row 85.

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	GS>50 kW	Streetlighting kW	Total
		kWh	kWh	kW	kW	
2011 Actuals	☑				$0.00	$0.00
2011 Forecast					$0.00	$0.00
Amount Cleared						
2012 Actuals	☑				$0.00	$0.00
2012 Forecast					$0.00	$0.00
Amount Cleared						
2013 Actuals	☑				$0.00	$0.00
2013 Forecast					$0.00	$0.00
Amount Cleared						
2014 Actuals	☑				$0.00	$0.00
2014 Forecast					$0.00	$0.00
Amount Cleared						
2015 Actuals	☑				$0.00	$0.00
2015 Forecast					$0.00	$0.00
Amount Cleared						
2016 Actuals	☑				$0.00	$0.00
2016 Forecast					$0.00	$0.00
Amount Cleared						
2017 Actuals	☑					$0.00
2017 Forecast					$0.00	$0.00
Amount Cleared						
2018 Actuals	☑					$0.00
2018 Forecast					$0.00	$0.00
Amount Cleared						
2019 Actuals	☐	$0.00	$193,608.68	$738,957.62	$109,661.35	$1,042,227.66
2019 Forecast		$0.00	($43,633.84)	($149,230.80)	$0.00	($192,864.64)
Amount Cleared						
2020 Actuals		$0.00	$0.00	$0.00	$0.00	$0.00
2020 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared						
Carrying Charges		$0.00	$4,423.95	$17,395.71	$3,234.78	$25,054.44
Total LRAMVA Balance		**$0**	**$154,399**	**$607,123**	**$112,896**	**$874,417**

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

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LRAMVA Work Form: Summary of Changes

Version 6.0 (2022)

Legend	
	User Inputs (Green)
	Drop Down List (Blue)
	Instructions (Grey)

Table A-1. Changes to Generic Assumptions in LRAMVA Work Form

Please document any changes in assumptions made to the generic inputs of the LRAMVA work form. 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 current year savings and prior year savings adjustments; inclusion of additional adjustments affecting distribution rates; etc. All changes should be highlighted in the work form as well.

No.	Tab	Cell Reference	Description	Rationale
1	5. 2015-2020 LRAM	Z579	Changed summation formula to include missing rows 576 to578	No impact to 2019 LRAM submission. Forgone net savings of $3,200 for 2017.
2				
3				
4				
5				
6				
7				
8				
9				
10				
etc.				

Table A-2. Updates to LRAMVA Disposition

Please 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				
etc.				

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LRAMVA Work Form: Forecast Lost Revenues

Version 6.0 (2022)

Legend

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

Table 2-a. LRAMVA Threshold 2014

Please provide the LRAMVA threshold approved in the cost of service (COS) or custom IR (CIR) 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	GS>50 kW	Streetlighting kW						
		kWh	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0
kWh	18,623,388	3,348,102	3,280,740	11,994,546							
kW	31,326			31,326							
Summary		3,348,102	3,280,740	31,326	0	0	0	0	0	0	0

Years Included in Threshold	2014 Balance
Source of Threshold	2014 Settlement Agreement, p. 25 Settlement Table #3e

Table 2-b. LRAMVA Threshold

Please provide the LRAMVA threshold approved in the cost of service (COS) or custom IR (CIR) 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	GS>50 kW	Streetlighting kW						
		kWh	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0
kWh	0										
kW	0										
Summary		0	0	0	0	0	0	0	0	0	0

Years Included in Threshold	
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. The LRAMVA threshold values in Table 2-c will be auto-populated in Tabs 4 and 5 of this work form.

Year	LRAMVA Threshold	Residential	GS<50 kW	GS>50 kW	Streetlighting kW						
		kWh	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0
2011		0	0	0	0	0	0	0	0	0	0
2012		0	0	0	0	0	0	0	0	0	0
2013		0	0	0	0	0	0	0	0	0	0
2014	2014	3,348,102	3,280,740	31,326	0	0	0	0	0	0	0
2015	2014	3,348,102	3,280,740	31,326	0	0	0	0	0	0	0
2016	2014	3,348,102	3,280,740	31,326	0	0	0	0	0	0	0
2017	2014	3,348,102	3,280,740	31,326	0	0	0	0	0	0	0
2018	2014	3,348,102	3,280,740	31,326	0	0	0	0	0	0	0
2019	2014	3,348,102	3,280,740	31,326	0	0	0	0	0	0	0
2020		0	0	0	0	0	0	0	0	0	0

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

Ontario Energy Board

LRAMVA Work Form: Distribution Rates

Version 6.0 (2022)

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

Please complete Table 3 with the rate class specific distribution rates that pertain to the years of the LRAMVA disposition. 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 entered in row 16 of each rate year starting from January to the start of the LDC's rate year. Please enter 0 in row 16, if the rate year begins on January 1. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas in Table 3-a accordingly.

	Billing Unit	EB-2009-0267	EB-2010-0094	EB 2011-0179	EB-2012-0143	EB-2013-0147	EB-2014-0089	EB-2015-0084	EB-2016-0088	EB-2017-0056	EB-2018-0048	EB-2019-0049	EB-2020-0035
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Period 1 (# months)		*4*	*4*	*4*	*4*								
Period 2 (# months)		*8*	*8*	*8*	*8*	*12*	*12*	*12*	*12*	*12*	*12*	*12*	*12*
Residential	kWh	$ 0.0169	$ 0.0170	$ 0.0172	$ 0.0173	$ 0.0162	$ 0.0164	$ 0.0125	$ 0.0084	$ 0.0042	$ -		
Rate rider for tax sharing			-$ 0.0002	-$ 0.0004	-$ 0.0004								
Rate rider for foregone revenue													
Other													
Adjusted rate		$ 0.0169	$ 0.0168	$ 0.0168	$ 0.0169	$ 0.0162	$ 0.0164	$ 0.0125	$ 0.0084	$ 0.0042	$ -	$ -	
Calendar year equivalent			**$ 0.0168**	**$ 0.0168**	**$ 0.0169**	**$ 0.0162**	**$ 0.0164**	**$ 0.0125**	**$ 0.0084**	**$ 0.0042**	**$ -**	**$ -**	
GS<50 kW	kWh	$ 0.0122	$ 0.0122	$ 0.0123	$ 0.0124	$ 0.0124	$ 0.0126	$ 0.0128	$ 0.0130	$ 0.0131	$ 0.0133		
Rate rider for tax sharing			-$ 0.0002	-$ 0.0002	-$ 0.0003								
Rate rider for foregone revenue													
Other													
Adjusted rate		$ 0.0122	$ 0.0120	$ 0.0121	$ 0.0121	$ 0.0124	$ 0.0126	$ 0.0128	$ 0.0130	$ 0.0131	$ 0.0133	$ -	
Calendar year equivalent			**$ 0.0121**	**$ 0.0121**	**$ 0.0121**	**$ 0.0124**	**$ 0.0126**	**$ 0.0128**	**$ 0.0130**	**$ 0.0131**	**$ 0.0133**	**$ -**	
GS>50 kW	kW	$ 3.9737	$ 3.9888	$ 4.0319	$ 4.0593	$ 4.4200	$ 4.4841	$ 4.5715	$ 4.6515	$ 4.7003	$ 4.7638		
Rate rider for tax sharing			-$ 0.0369	-$ 0.0602	-$ 0.0676								
Rate rider for foregone revenue													
Other													
Adjusted rate		$ 3.9737	$ 3.9519	$ 3.9717	$ 3.9917	$ 4.4200	$ 4.4841	$ 4.5715	$ 4.6515	$ 4.7003	$ 4.7638	$ -	
Calendar year equivalent			**$ 3.9592**	**$ 3.9651**	**$ 3.9850**	**$ 4.4200**	**$ 4.4841**	**$ 4.5715**	**$ 4.6515**	**$ 4.7003**	**$ 4.7638**	**$ -**	
Streetlighting kW	kW												
Rate rider for tax sharing									$ 4.8949	$ 4.9463	$ 5.0131		
Rate rider for foregone revenue													
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 4.8949	$ 4.9463	$ 5.0131	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 4.8949**	**$ 4.9463**	**$ 5.0131**	**$ -**	

Note: LDC to make note of adjustments made to Table 3 to accommodate the LDC's specific circumstances

Table 3-a. Distribution Rates by Rate Class

Table 3-a below autopopulates the average distribution rates from Table 3. Please ensure that the distribution rates relevant to the years of the LRAMVA disposition are used. **Please clear the rates related to the year(s) that are not part of the LRAMVA claim.**

The distribution rates that remain in Table 3-a will be used in Tabs 4 and 5 of the work form to calculate actual and forecast lost revenues. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas from Table 3-a, as well as the distribution rate links in Tabs 4 and 5.

Year	Residential	GS<50 kW	GS>50 kW	Streetlighting kW										
	kWh	kWh	kW	kW	0	0	0	0	0	0	0	0	0	0
2011	$0.0168	$0.0121	$3.9592	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2012	$0.0168	$0.0121	$3.9651	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2013	$0.0169	$0.0121	$3.9850	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2014	$0.0162	$0.0124	$4.4200	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2015	$0.0164	$0.0126	$4.4841	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2016	$0.0125	$0.0128	$4.5715	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2017	$0.0084	$0.0130	$4.6515	$4.8949	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2018	$0.0042	$0.0131	$4.7003	$4.9463	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2019	$0.0000	$0.0133	$4.7638	$5.0131	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2020	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000

Note: LDC to make note of the years removed from this table, whose distribution rates are not part of the LRAMVA disposition

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LRAMVA Work Form:
2011 - 2014 Lost Revenues Work Form

Version 6.0 (2022)

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 2011-2014 period. Please input or manually link the savings, adjustments and program savings persistence data in these tables from the LDC's Persistence Reports provided by the IESO (in Tab 7). As noted earlier, persistence data is available upon request from the IESO. Please also be advised that the same rate classes (of up to 14) are carried over from the Summary Tab 1.

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 IESO in 2013 should be included in the 2012 program savings table. In order for persisting savings to be claimed in future years, past year's initiative level savings results need to be filled out in the tables below. If the IESO adjustments were made available to the LDC after the LRAMVA was approved, the persistence of those savings adjustments in the future can be claimed as approved LRAMVA amounts are considered to be final.

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 the OEB's updated LRAM policy related to peak demand savings in EB-2016-0182. Demand Response (DR3) savings should generally not be included with the LRAMVA calculation, unless suported by empirical evidence. LDCs are requested to confirm the monthly multipliers for all programs each year as placeholder values are provided. If a different monthly multiplier is used, please include rationale in Tab 1-a and highlight the new multiplier that has been used.

4. LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template currently includes the same allocation percentage for program savings and its savings adjustments. If a different allocation is proposed for savings adjustments, LDCs must provide supporting rationale in Tab 1-a and highlight the change.

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 future year's persistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast calculation in the "Notes" section below each table.

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

	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA				
			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Residential	GS<50 kW	GS>50 kW	Streetlighting kW	Total
	Consumer Program																							kWh	kWh	kW	kW	
1	Appliance Retirement	Verified	262,506	262,506	262,506	261,595	186,727	0	0	0	0	0		36	36	36	35	25	0	0	0	0	0	100.00%				100%
	Adjustment to 2011 savings	True-up																						100.00%	0.00%	0.00%	0.00%	
2	Appliance Exchange	Verified	8,561	8,561	8,561	4,637	0	0	0	0	0	0		7	7	7	3	0	0	0	0	0	0	100.00%				100%
	Adjustment to 2011 savings	True-up																						100.00%	0.00%	0.00%	0.00%	
3	HVAC Incentives	Verified	1,178,372	1,178,372	1,178,372	1,178,372	1,178,372	1,178,372	1,178,372	1,178,372	1,178,372	1,178,372		642	642	642	642	642	642	642	642	642	642	100.00%				100%
	Adjustment to 2011 savings	True-up	-193,006	-193,006	-193,006	-193,006	-193,006	-193,006	-193,006	-193,006	-193,006	-193,006		-107	-107	-107	-107	-107	-107	-107	-107	-107	-107	100.00%	0.00%	0.00%	0.00%	
4	Conservation Instant Coupon Booklet	Verified	305,679	305,679	305,679	305,679	281,154	254,360	198,790	197,510	248,829	94,800		19	19	19	19	18	17	14	14	16	9	100.00%				100%
	Adjustment to 2011 savings	True-up	4,496	4,496	4,496	4,496	4,496	4,108	2,520	2,517	2,517	891		0	0	0	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	
5	Bi-Annual Retailer Event	Verified	479,313	479,313	479,313	479,313	438,057	392,986	296,286	295,206	381,532	122,430		27	27	27	27	26	23	19	19	23	11	100.00%				100%
	Adjustment to 2011 savings	True-up	35,611	35,611	35,611	35,611	35,611	32,361	17,471	17,468	17,468	3,853		2	2	2	2	2	2	1	1	1	0	100.00%	0.00%	0.00%	0.00%	
7	Residential Demand Response	Verified												152	0	0	0	0	0	0	0	0	0	100.00%				100%
	Adjustment to 2011 savings	True-up																						100.00%	0.00%	0.00%	0.00%	
	Business Program																											
10	Retrofit	Verified	3,057,370	3,057,370	3,057,370	3,007,414	2,537,281	2,403,939	2,266,613	2,266,613	2,049,286	2,049,286	12	564	564	564	551	458	424	388	388	331	331		14.20%	85.80%		100%
	Adjustment to 2011 savings	True-up	290,598	290,598	290,598	290,598	290,598	290,598	265,622	265,622	261,285	261,285	12	44	44	44	44	44	44	37	37	36	36	0.00%	14.20%	85.80%	0.00%	
11	Direct Install Lighting	Verified	631,336	629,043	618,493	494,725	494,725	494,725	176,545	171,912	171,912	171,912	12	261	260	256	211	211	211	79	73	73	73		100.00%			100%
	Adjustment to 2011 savings	True-up	16,168	16,168	16,168	7,981	7,981	7,981	2,265	2,265	2,265	2,265	12	7	7	7	3	3	3	1	1	1	1	0.00%	100.00%	0.00%	0.00%	
14	Energy Audit	Verified											12												100.00%	0.00%		100%
	Adjustment to 2011 savings	True-up	52,797	52,797	52,797	52,797	50,353	0	0	0	0	0	12	11	11	11	11	10	0	0	0	0	0	0.00%	100.00%	0.00%	0.00%	
17	Demand Response 3	Verified	17,768	0	0	0	0	0	0	0	0	0													100.00%			100%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0												0.00%	100.00%	0.00%	0.00%	
	Industrial Program																											
21	Retrofit	Verified	271,185	271,185	271,185	271,185	271,185	271,185	260,331	260,331	246,569	246,569	12	40	40	40	40	40	40	37	37	34	34			100.00%		100%
	Adjustment to 2011 savings	True-up											12											0.00%	0.00%	100.00%	0.00%	
22	Demand Response 3	Verified	85,285	0	0	0	0	0	0	0	0	0		1,453	0	0	0	0	0	0	0	0	0			100.00%		100%
	Adjustment to 2011 savings	True-up																						0.00%	0.00%	100.00%	0.00%	

	Pre-2011 Programs completed in 2011																												
26	Electricity Retrofit Incentive Program	Verified	6,580,023	6,580,023	6,580,023	6,580,023	6,580,023	6,580,023	6,580,023	6,580,023	6,580,023	6,580,023	12	964	964	964	964	964	964	964	964	964	964		14.20%	85.80%		100%
	Adjustment to 2011 savings	True-up	141,576	141,576	141,576	141,576	141,576	141,576	141,576	141,576	0	0	12	23	23	23	23	23	23	23	23	0	0	0.00%	14.20%	85.80%	0.00%	
27	High Performance New Construction	Verified	5,230	5,230	5,230	5,230	5,230	5,230	5,230	5,230	5,230	5,230	12	1	1	1	1	1	1	1	1	1	1		100.00%			100%
	Adjustment to 2011 savings	True-up	7,794	7,794	7,794	7,794	7,794	7,794	7,794	7,794	7,794	7,794	12	9	9	9	9	9	9	9	9	9	9	0.00%	100.00%	0.00%	0.00%	
	Actual CDM Savings in 2011		**13,238,663**											**4,159**										**2,081,533**	**2,160,972**	**16,899**	**0**	
	Forecast CDM Savings in 2011																							**0**	**0**	**0**	**0**	
	Distribution Rate in 2011																							$0.01680	$0.01210	$3.95920	$0.00000	
	Lost Revenue in 2011 from 2011 programs																							**$34,969.75**	**$26,147.76**	**$66,905.61**	**$0.00**	**$128,023.12**
	Forecast Lost Revenues in 2011																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2011																											**$128,023.12**
	2011 Savings Persisting in 2012																							2,081,533	2,140,911	16,899	0	
	2011 Savings Persisting in 2013																							2,081,533	2,130,361	16,899	0	
	2011 Savings Persisting in 2014																							2,076,698	1,991,313	16,765	0	
	2011 Savings Persisting in 2015																							1,931,411	1,922,110	15,814	0	
	2011 Savings Persisting in 2016																							1,669,181	1,852,822	15,456	0	
	2011 Savings Persisting in 2017																							1,500,434	1,505,879	14,987	0	
	2011 Savings Persisting in 2018																							1,498,067	1,501,246	14,987	0	
	2011 Savings Persisting in 2019																							1,635,712	1,449,666	14,103	0	
	2011 Savings Persisting in 2020																							1,207,342	1,449,666	14,103	0	

Note: LDC to make note of key assumptions included above

Table 4-b. 2012 Lost Revenues Work Form Return to top

	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA				
			2012	2013	2014	2015	2016	2017	2018	2019	2020	2021		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Residential	GS<50 kW	GS>50 kW	Streetlighting kW	Total
	Consumer Program																							kWh	kWh	kW	kW	
1	Appliance Retirement	Verified	134,960	134,960	134,960	134,652	76,502	0	0	0	0	0		20	20	20	19	10	0	0	0	0	0	100.00%				100%
	Adjustment to 2012 savings	True-up																						100.00%	0.00%	0.00%	0.00%	
2	Appliance Exchange	Verified	14,106	14,106	14,106	13,999	0	0	0	0	0	0		8	8	8	8	0	0	0	0	0	0	100.00%				100%
	Adjustment to 2012 savings	True-up																						100.00%	0.00%	0.00%	0.00%	
3	HVAC Incentives	Verified	689,786	689,786	689,786	689,786	689,786	689,786	689,786	689,786	689,786	689,786		401	401	401	401	401	401	401	401	401	401	100.00%				100%
	Adjustment to 2012 savings	True-up	15,657	15,657	15,657	15,657	15,657	15,657	15,657	15,657	15,657	15,657		7	7	7	7	7	7	7	7	7	7	100.00%	0.00%	0.00%	0.00%	
4	Conservation Instant Coupon Booklet	Verified	22,805	22,805	22,805	22,805	22,462	22,462	10,577	10,519	10,519	10,519		4	4	4	4	4	4	3	3	3	3	100.00%				100%
	Adjustment to 2012 savings	True-up																						100.00%	0.00%	0.00%	0.00%	
5	Bi-Annual Retailer Event	Verified	436,812	436,812	436,812	436,812	392,666	319,294	217,791	217,338	217,338	110,391		24	24	24	24	22	19	14	14	14	9	100.00%				100%
	Adjustment to 2012 savings	True-up																						100.00%	0.00%	0.00%	0.00%	
	Business Program																											
10	Retrofit	Verified	3,955,522	3,906,020	3,836,714	3,642,048	3,625,020	3,383,172	3,285,012	3,285,012	3,186,258	2,174,227	12	812	797	776	716	712	639	625	625	601	419		14.2%	85.8%		100%
	Adjustment to 2012 savings	True-up	530,106	530,106	530,106	530,106	530,106	511,533	505,520	505,520	497,852	459,003	12	98	98	98	98	98	93	91	91	91	83	0.00%	14.20%	85.80%	0.00%	
11	Direct Install Lighting	Verified	624,605	624,605	618,605	525,579	525,579	241,679	241,679	240,634	240,634	240,634	12	170	170	168	146	146	66	66	65	65	65		100.0%	0.0%		100%
	Adjustment to 2012 savings	True-up											12											0.00%	100.00%	0.00%	0.00%	
13	New Construction	Verified	51,506	51,506	51,506	51,506	51,506	51,506	51,506	51,506	51,506	51,506	12	30	30	30	30	30	30	30	30	30	30		100.0%	0.0%		100%
	Adjustment to 2012 savings	True-up											12											0.00%	100.00%	0.00%	0.00%	
14	Energy Audit	Verified	125,881	125,881	125,881	125,881	0	0	0	0	0	0	12	26	26	26	26	0	0	0	0	0	0		100.0%	0.0%		100%
	Adjustment to 2012 savings	True-up	4,270	4,270	4,270	4,270	0	0	0	0	0	0	12	1	1	1	1	0	0	0	0	0	0	0.00%	100.00%	0.00%	0.00%	
17	Demand Response 3	Verified	11,732	0	0	0	0	0	0	0	0	0		807	0	0	0	0	0	0	0	0	0		100.0%	0.0%		100%
	Adjustment to 2012 savings	True-up																						0.00%	100.00%	0.00%	0.00%	
	Industrial Program																											
22	Demand Response 3	Verified	133,262	0	0	0	0	0	0	0	0	0		5,530	0	0	0	0	0	0	0	0	0		100.00%			100%
	Adjustment to 2012 savings	True-up																						0.00%	100.00%	0.00%	0.00%	
	Home Assistance Program																											
23	Home Assistance Program	Verified	171,520	171,520	171,520	139,356	137,494	137,494	128,901	126,162	40,090	39,538		14	12	12	12	12	12	11	11	7	6	100%				100%
	Adjustment to 2012 savings	True-up	6,756	6,756	6,756	6,756	6,490	6,356	6,223	6,223	6,223	5,196		2	2	2	2	2	2	2	2	2	1	100.00%	0.00%	0.00%	0.00%	
27	High Performance New Construction	Verified	19,804	19,804	19,804	19,804	19,804	19,804	19,804	19,804	19,804	19,804	12	71	71	71	71	71	71	71	71	71	71		100.00%			100%
	Adjustment to 2012 savings	True-up											12											0.00%	100.00%	0.00%	0.00%	
	Actual CDM Savings in 2012		**6,949,090**											**8,024**										**1,492,401**	**1,608,020**	**9,368**	**0**	
	Forecast CDM Savings in 2012																							**0**	**0**	**0**	**0**	
	Distribution Rate in 2012																							$0.01680	$0.01210	$3.96510	$0.00000	
	Lost Revenue in 2012 from 2011 programs																							$34,969.75	$25,905.02	$67,005.31	$0.00	$127,880.09
	Lost Revenue in 2012 from 2012 programs																							$25,072.34	$19,457.04	$37,145.91	$0.00	$81,675.29
	Total Lost Revenues in 2012																							**$60,042.10**	**$45,362.07**	**$104,151.22**	**$0.00**	**$209,555.38**
	Forecast Lost Revenues in 2012																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2012																											**$209,555.38**
	2012 Savings Persisting in 2013																							1,492,401	1,455,997	9,213	0	
	2012 Savings Persisting in 2014																							1,492,401	1,440,155	8,995	0	
	2012 Savings Persisting in 2015																							1,459,823	1,319,487	8,381	0	
	2012 Savings Persisting in 2016																							1,341,058	1,186,918	8,344	0	
	2012 Savings Persisting in 2017																							1,191,050	866,037	7,531	0	
	2012 Savings Persisting in 2018																							1,068,936	851,245	7,378	0	
	2012 Savings Persisting in 2019																							1,065,686	850,200	7,378	0	
	2012 Savings Persisting in 2020																							979,614	835,088	7,125	0	

Note: LDC to make note of key assumptions included above

Table 4-c. 2013 Lost Revenues Work Form

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	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA				
			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Residential	GS<50 kW	GS>50 kW	Streetlighting kW	Total
	Consumer Program																							kWh	kWh	kW	kW	
1	Appliance Retirement	Verified	77,216	77,216	77,216	77,011	43,823	0	0	0	0	0		12	12	12	12	6	0	0	0	0	0	100.00%				100%
	Adjustment to 2013 savings	True-up																						100.00%	0.00%	0.00%	0.00%	
2	Appliance Exchange	Verified	32,141	32,141	32,141	32,141	0	0	0	0	0	0		18	18	18	18	0	0	0	0	0	0	100.00%				100%
	Adjustment to 2013 savings	True-up																						100.00%	0.00%	0.00%	0.00%	
3	HVAC Incentives	Verified	679,618	679,618	679,618	679,618	679,618	679,618	679,618	679,618	679,618	679,618		393	393	393	393	393	393	393	393	393	393	100.00%				100%
	Adjustment to 2013 savings	True-up	31,728	31,728	31,728	31,728	31,728	31,728	31,728	31,728	31,728	31,728		18	18	18	18	18	18	18	18	18	18	100.00%	0.00%	0.00%	0.00%	
4	Conservation Instant Coupon Booklet	Verified	125,711	125,711	120,867	102,399	102,399	102,399	102,399	102,314	74,399	74,399		8	8	8	7	7	7	7	7	5	5	100.00%				100%
	Adjustment to 2013 savings	True-up	385	385	366	316	316	316	316	316	265	265		0	0	0	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	
5	Bi-Annual Retailer Event	Verified	280,205	280,205	263,322	205,705	205,705	205,705	205,705	205,462	172,782	172,782		19	19	18	15	15	15	15	15	13	13	100.00%				100%
	Adjustment to 2013 savings	True-up																						100.00%	0.00%	0.00%	0.00%	
7	Residential Demand Response	Verified																						100.00%				100%
	Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	216	0	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	
	Business Program																											
10	Retrofit	Verified	5,331,291	5,317,287	5,317,287	5,294,306	5,125,718	5,052,531	5,052,531	5,043,145	4,927,106	4,412,808	12	1,008	1,003	1,003	996	942	927	927	927	893	790		14.2%	85.8%		100%
	Adjustment to 2013 savings	True-up	918,178	829,307	829,307	829,307	816,589	807,486	807,486	805,877	768,683	714,064	12	187	165	165	165	162	160	160	160	150	140	0.00%	14.20%	85.80%	0.00%	
11	Direct Install Lighting	Verified	386,913	386,913	373,205	333,368	147,506	147,506	147,506	147,506	147,506	147,506	12	110	110	106	96	40	40	40	40	40	40		100.0%	0.0%		100%
	Adjustment to 2013 savings	True-up											12											0.00%	100.00%	0.00%	0.00%	
13	New Construction	Verified	10,486	10,486	10,486	10,486	10,486	10,486	10,486	10,486	10,486	10,486	12	1	1	1	1	1	1	1	1	1	1		100.0%	0.0%		100%
	Adjustment to 2013 savings	True-up	107,576	107,576	107,576	107,576	107,576	107,576	107,576	107,576	107,576	107,576	12	18	18	18	18	18	18	18	18	18	18	0.00%	100.00%	0.00%	0.00%	
14	Energy Audit	Verified	193,803	193,803	193,803	193,803	0	0	0	0	0	0	12	35	35	35	35	0	0	0	0	0	0		100.0%	0.0%		100%
	Adjustment to 2013 savings	True-up	48,611	48,611	48,611	48,611	0	0	0	0	0	0	12	9	9	9	9	0	0	0	0	0	0	0.00%	100.00%	0.00%	0.00%	
17	Demand Response 3	Verified	45	0	0	0	0	0	0	0	0	0		699	0	0	0	0	0	0	0	0	0		100.0%	0.0%		100%
	Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	21	0	0	0	0	0	0	0	0	0.00%	100.00%	0.00%	0.00%	
	Industrial Program																											
20	Energy Manager	Verified											12												0.0%	100.0%		100%
	Adjustment to 2013 savings	True-up	413,308	413,308	413,308	402,840	402,840	402,840	402,840	402,840	402,840	402,840	12	46	46	46	46	46	46	46	46	46	46	0.00%	0.00%	100.00%	0.00%	
22	Demand Response 3	Verified	168,748	0	0	0	0	0	0	0	0	0		6,321	0	0	0	0	0	0	0	0	0		0.0%	100.0%		100%
	Adjustment to 2013 savings	True-up																						0.00%	0.00%	100.00%	0.00%	
	Home Assistance Program																											
23	Home Assistance Program	Verified	412,584	409,733	409,221	362,058	338,317	315,804	302,895	301,450	112,987	112,725		44	44	44	41	40	39	38	38	28	28	100%	0%	0.00%		100%
	Adjustment to 2013 savings	True-up	26,288	26,159	26,148	24,305	23,431	22,556	22,162	22,101	14,806	14,806		4	4	4	4	4	4	4	4	4	4	100.00%	0.00%	0.00%	0.00%	
	Other																											
31	Program Enabled Savings	Verified	911,587	911,587	16,387	16,387	16,387	16,387	16,387	16,387	16,387	16,387	0	146	146	34	34	34	34	34	34	34	34		0%	100.00%		100%
	Adjustment to 2013 savings	True-up											0											0.00%	0.00%	100.00%	0.00%	
32	Time of Use Savings	Verified											0															0%
	Adjustment to 2013 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	
33	LDC Pilots	Verified											12															0%
	Adjustment to 2013 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2013		**10,156,424**											**9,097**										**1,665,878**	**1,634,858**	**12,852**	**0**	
	Forecast CDM Savings in 2013																							**0**	**0**	**0**	**0**	

Distribution Rate in 2013	$0.01690	$0.01210	$3.98500	$0.00000	
Lost Revenue in 2013 from 2011 programs	$35,177.91	$25,777.36	$67,341.60	$0.00	$128,296.87
Lost Revenue in 2013 from 2012 programs	$25,221.58	$17,617.56	$36,712.31	$0.00	$79,551.46
Lost Revenue in 2013 from 2013 programs	$28,153.34	$19,781.78	$51,214.91	$0.00	$99,150.03
Total Lost Revenues in 2013	**$88,552.83**	**$63,176.71**	**$155,268.82**	**$0.00**	**$306,998.36**
Forecast Lost Revenues in 2013	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
LRAMVA in 2013					**$306,998.36**
2013 Savings Persisting in 2014	1,662,899	1,620,205	12,586	0	
2013 Savings Persisting in 2015	1,640,628	1,606,497	12,586	0	
2013 Savings Persisting in 2016	1,515,282	1,563,397	12,508	0	
2013 Savings Persisting in 2017	1,425,338	1,109,375	11,914	0	
2013 Savings Persisting in 2018	1,358,126	1,097,690	11,741	0	
2013 Savings Persisting in 2019	1,344,825	1,097,690	11,741	0	
2013 Savings Persisting in 2020	1,342,989	1,096,128	11,738	0	

Note: LDC to make note of key assumptions included above

Table 4-d. 2014 Lost Revenues Work Form

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	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA				
			2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Residential	GS<50 kW	GS>50 kW	Streetlighting kW	Total
	Consumer Program																							kWh	kWh	kW	kW	
1	Appliance Retirement	Verified	83,902	83,902	83,902	83,693	47,418	0	0	0	0	0		13	13	13	12	7	0	0	0	0	0	100%				100%
	Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	
2	Appliance Exchange	Verified	61,696	61,696	61,696	61,696	0	0	0	0	0	0		35	35	35	35	0	0	0	0	0	0	100%				100%
	Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	
3	HVAC Incentives	Verified	1,013,053	1,013,053	1,013,053	1,013,053	1,013,053	1,013,053	1,013,053	1,013,053	1,013,053	1,013,053		548	548	548	548	548	548	548	548	548	548	100%				100%
	Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	
4	Conservation Instant Coupon Booklet	Verified	490,141	458,027	442,310	442,310	442,310	442,310	442,310	441,508	441,508	382,083		36	34	33	33	33	33	33	33	33	29	100%				100%
	Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	
5	Bi-Annual Retailer Event	Verified	2,004,558	1,738,933	1,600,504	1,600,504	1,600,504	1,600,504	1,600,504	1,599,810	1,599,810	1,487,912		131	115	106	106	106	106	106	106	106	99	100%				100%
	Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	
7	Residential Demand Response	Verified	0	0	0	0	0	0	0	0	0	0		273	0	0	0	0	0	0	0	0	0	100.00%				100%
	Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	
9	Residential New Construction	Verified	106,463	106,463	106,463	106,463	106,463	106,463	106,463	106,463	106,463	106,463		16	16	16	16	16	16	16	16	16	16	100.00%				100%
	Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	
	Business Program																											
10	Retrofit	Verified	4,440,674	4,431,659	4,431,659	4,395,311	4,395,311	4,395,311	4,180,741	4,180,741	4,047,747	3,121,142	12	823	820	820	810	810	810	778	778	758	625		14.2%	85.8%		100%
	Adjustment to 2014 savings	True-up											12											0.00%	14.20%	85.80%	0.00%	
11	Direct Install Lighting	Verified	384,744	368,911	344,505	220,408	220,408	220,408	220,408	220,408	220,408	220,408	12	108	103	97	60	60	60	60	60	60	60		100%	0%		100%
	Adjustment to 2014 savings	True-up											12											0.00%	100.00%	0.00%	0.00%	
13	New Construction	Verified	9,538	9,538	9,538	9,538	9,538	9,538	9,538	9,538	9,538	9,538	12	5	5	5	5	5	5	5	5	5	5		100%	0%		100%
	Adjustment to 2014 savings	True-up											12											0.00%	100.00%	0.00%	0.00%	
14	Energy Audit	Verified	718,009	718,009	718,009	718,009	0	0	0	0	0	0	12	147	147	147	147	0	0	0	0	0	0		100%	0%		100%
	Adjustment to 2014 savings	True-up											12											0.00%	100.00%	0.00%	0.00%	
15	Small Commercial Demand Response	Verified	0	0	0	0	0	0	0	0	0	0		7	0	0	0	0	0	0	0	0	0		100%	0%		100%
	Adjustment to 2014 savings	True-up																						0.00%	100.00%	0.00%	0.00%	
17	Demand Response 3	Verified	0	0	0	0	0	0	0	0	0	0		634	0	0	0	0	0	0	0	0	0		14.2%	85.8%		100%
	Adjustment to 2014 savings	True-up																						0.00%	14.20%	85.80%	0.00%	
	Industrial Program																											
20	Energy Manager	Verified	358,215	358,215	358,215	358,215	356,055	356,055	356,055	356,055	356,055	356,055	12	124	124	124	124	124	124	124	124	124	124		0%	100%		100%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	100.00%	0.00%	
22	Demand Response 3	Verified	0	0	0	0	0	0	0	0	0	0		5,321	0	0	0	0	0	0	0	0	0		0.00%	100.00%		100%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	100.00%	0.00%	
	Home Assistance Program																											
23	Home Assistance Program	Verified	374,684	374,564	323,780	298,870	273,672	273,672	268,639	268,379	77,020	76,825		37	37	34	33	31	31	31	31	21	21	100%				100%
	Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	
	Other																											
32	Time of Use Savings	Verified	0	0	0	0	0	0	0	0	0	0	0	888	0	0	0	0	0	0	0	0	0		0.00%	100.00%		100%
	Adjustment to 2014 savings	True-up											0											0.00%	0.00%	100.00%	0.00%	
33	LDC Pilots	Verified	216,677	0	0	0	0	0	0	0	0	0	12	29	0	0	0	0	0	0	0	0	0		0.00%	100.00%		100%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	100.00%	0.00%	
	Actual CDM Savings in 2014		**10,262,354**											**9,174**										**4,134,498**	**1,742,866**	**10,306**	**0**	
	Forecast CDM Savings in 2014																							**3,348,102**	**3,280,740**	**31,326**	**0**	

	Residential	GS<50 kW	GS>50 kW	Streetlighting kW	Total
Distribution Rate in 2014	$0.01620	$0.01240	$4.42000	$0.00000	
Lost Revenue in 2014 from 2011 programs	$33,642.50	$24,692.28	$74,100.06	$0.00	$132,434.84
Lost Revenue in 2014 from 2012 programs	$24,176.90	$17,857.92	$39,756.80	$0.00	$81,791.63
Lost Revenue in 2014 from 2013 programs	$26,938.96	$20,090.54	$55,629.35	$0.00	$102,658.85
Lost Revenue in 2014 from 2014 programs	$66,978.87	$21,611.54	$45,550.98	$0.00	$134,141.38
Total Lost Revenues in 2014	**$151,737.23**	**$84,252.28**	**$215,037.19**	**$0.00**	**$451,026.70**
Forecast Lost Revenues in 2014	**$54,239.25**	**$40,681.18**	**$138,460.92**	**$0.00**	**$233,381.35**
LRAMVA in 2014					**$217,645.35**
2014 Savings Persisting in 2015	3,836,638	1,725,753	9,936	0	
2014 Savings Persisting in 2016	3,631,708	1,701,347	9,936	0	
2014 Savings Persisting in 2017	3,606,589	1,572,089	9,829	0	
2014 Savings Persisting in 2018	3,483,421	854,080	9,826	0	
2014 Savings Persisting in 2019	3,436,002	854,080	9,826	0	
2014 Savings Persisting in 2020	3,430,969	823,611	9,503	0	

Note: LDC to make note of key assumptions included above

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	Residential	GS<50kW	GS>50kW	
2014 Savings Persisting in 2020	3,430,969	823,611	9,503	
2013 Savings Persisting in 2020	1,342,989	1,096,128	11,738	
2012 Savings Persisting in 2020	979,614	835,088	7,125	
2011 Savings Persisting in 2020	1,207,342	1,449,666	14,103	
2015 Savings Persisting in 2020	4,106,672	3,743,687	37,205	
2016 Savings Persisting in 2020	9,349,965	1,563,626	29,452	
2017 Savings Persisting in 2020	12,904,769	2,034,323	38,768	
2018 Savings Persisting in 2020	3,889,867	4,009,008	15,747	0 Pending Peak Demand
2019 Savings Persisting in 2020	0	1,207,259	12,224	
	37,212,187	16,762,397	175,867	

Ontario Energy Board

LRAMVA Work Form:
2015 - 2020 Lost Revenues Work Form

Version 6.0 (2022)

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 2015-2020 period. Please input or manually link the savings, adjustments and program savings persistence data in these tables from the LDC's Persistence Reports provided by the IESO (in Tab 7). As noted earlier, persistence data is available upon request from the IESO. Please also be advised that the same rate classes (of up to 14) are carried over from the Summary Tab 1.

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 the IESO in 2017 should be included in the 2016 program savings table. In order for persisting savings to be claimed in future years, past year's initiative level savings results need to be filled out in the tables below. If the IESO adjustments were made available to the LDC after the LRAMVA was approved, the persistence of those savings adjustments in the future can be claimed as approved LRAMVA amounts are considered to be final.

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 the OEB's updated LRAM policy related to peak demand savings in EB-2016-0182. Demand Response (DR3) savings should generally not be included with the LRAMVA calculation, unless suported by empirical evidence. LDCs are requested to confirm the monthly multipliers for all programs each year as placeholder values are provided. If a different monthly multiplier is used, please include rationale in Tab 1-a and highlight the new multiplier that has been used.

4. LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template currently includes the same allocation percentage for program savings and its savings adjustments. If a different allocation is proposed for savings adjustments, LDCs must provide supporting rationale in Tab 1-a and highlight the change.

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 future year's persistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast calculation in the "Notes" section below each table.

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

	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA				
			2015	2016	2017	2018	2019	2020	2021	2022	2023	2024		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Residential	GS<50 kW	GS>50 kW	Streetlighting kW	Total
	Legacy Framework																							kWh	kWh	kW	kW	
	Residential Program																											
1	Coupon Initiative	Verified	850,456	842,572	842,572	842,572	842,572	842,572	842,572	842,397	842,397	842,397		56	55	55	55	55	55	55	55	55	55	100.00%				100%
	Adjustment to 2015 savings	True-up	139,170	137,165	137,165	137,165	137,165	137,165	137,165	137,110	137,110	137,110		9	9	9	9	9	9	9	9	9	9	100.00%	0.00%	0.00%	0.00%	
2	Bi-Annual Retailer Event Initiative	Verified	1,505,067	1,478,319	1,478,319	1,478,319	1,478,319	1,478,319	1,478,319	1,477,545	1,477,545	1,477,545		102	100	100	100	100	100	100	100	100	100	100.00%				100%
	Adjustment to 2015 savings	True-up	15,568	15,385	15,385	15,385	15,385	15,385	15,385	15,347	15,347	15,347		1	1	1	1	1	1	1	1	1	1	100.00%	0.00%	0.00%	0.00%	
3	Appliance Retirement Initiative	Verified	23,118	23,118	23,118	23,014	10,988	0	0	0	0	0		4	4	4	3	2	0	0	0	0	0	100.00%				100%
	Adjustment to 2015 savings	True-up																						100.00%	0.00%	0.00%	0.00%	
4	HVAC Incentives Initiative	Verified	1,135,517	1,135,517	1,135,517	1,135,517	1,135,517	1,135,517	1,135,517	1,135,517	1,135,517	1,135,517		596	596	596	596	596	596	596	596	596	596	98.00%	2.00%			100%
	Adjustment to 2015 savings	True-up	27,280	27,280	27,280	27,280	27,280	27,280	27,280	27,280	27,280	27,280		14	14	14	14	14	14	14	14	14	14	98.00%	2.00%	0.00%	0.00%	
5	Residential New Construction and Major	Verified	388,014	388,014	388,014	388,014	388,014	388,014	388,014	388,014	388,014	388,014		72	72	72	72	72	72	72	72	72	72	100.00%				100%
	Adjustment to 2015 savings	True-up	16,409	16,409	16,409	16,409	16,409	16,409	16,409	16,409	16,409	16,409		1	1	1	1	1	1	1	1	1	1	100.00%	0.00%	0.00%	0.00%	
	Commercial & Institutional Program																											
6	Energy Audit Initiative	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0		100.00%	0.00%		100%
	Adjustment to 2015 savings	True-up	1,140,998	1,140,998	1,140,998	1,140,998	1,140,998	1,140,998	1,140,998	1,140,998	1,140,998	1,140,998	12	243	243	243	243	277	277	277	277	277	277	0.00%	100.00%	0.00%	0.00%	
7	Efficiency: Equipment Replacement Incentive Initiative	Verified	16,475,231	16,475,231	16,411,608	16,394,148	16,394,148	16,393,329	15,764,945	15,764,945	15,410,834	13,288,474	12	2,734	2,734	2,714	2,709	2,709	2,709	2,617	2,617	2,531	2,231		12.00%	88.00%		100%
	Adjustment to 2015 savings	True-up	2,378,446	2,378,446	2,442,069	2,464,786	2,464,786	2,464,786	3,093,170	3,093,170	3,256,045	2,863,095	12	459	459	479	486	486	486	577	577	604	533	0.00%	12.00%	88.00%	0.00%	
8	Direct Install Lighting and Water Heating Initiative	Verified	417,284	387,869	253,424	253,424	253,424	253,424	253,424	253,424	253,424	253,424	12	101	95	59	59	59	59	59	59	59	59		100.00%	0.00%		100%
	Adjustment to 2015 savings	True-up	-148,302	-118,886	15,558	27,371	27,371	27,371	27,371	27,371	27,371	27,371	12	-38	-31	5	7	7	7	7	7	7	7	0.00%	100.00%	0.00%	0.00%	
9	New Construction and Major Renovation Initiative	Verified	74,739	74,739	74,739	74,739	74,739	74,739	74,739	74,739	74,739	74,739	12	70	70	70	70	70	70	70	70	70	70		0.00%	100.00%		100%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	100.00%	0.00%	

13	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified	835,231	835,231	768,099	768,099	768,099	768,099	768,099	762,924	613,519	442,289	12	127	127	114	114	114	114	114	113	98	76		0.00%	100.00%		100%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	100.00%	0.00%	
	Low Income Program																											
14	Low Income Initiative	Verified	109,589	95,070	92,168	89,267	89,267	89,267	87,648	87,598	66,818	66,818	12	23	22	22	22	22	22	22	22	21	21	100%				100%
	Adjustment to 2015 savings	True-up											12											100.00%	0.00%	0.00%	0.00%	
	Conservation Fund Pilots																											
18	Loblaws Pilot	Verified	441,961	441,961	441,961	441,961	441,961	441,961	441,961	441,961	441,961	441,961	12	52	52	52	52	52	52	52	52	52	52		0.00%	100.00%		100%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	100.00%	0.00%	
	Conservation First Framework																											
	Non-Residential Province-Wide Programs																											
26	Save on Energy Retrofit Program	Verified											12												12.00%	88.00%		100%
	Adjustment to 2015 savings	True-up	297,205	297,205	297,205	297,205	297,205	297,205	275,856	275,856	275,856	208,436	12	60	60	60	60	60	60	56	56	56	41	0.00%	12.00%	88.00%	0.00%	
	Actual CDM Savings in 2015		**26,122,981**											**4,686**										**4,186,932**	**3,731,342**	**37,340**	**0**	
	Forecast CDM Savings in 2015																							**3,348,102**	**3,280,740**	**31,326**	**0**	
	Distribution Rate in 2015																							$0.01640	$0.01260	$4.48410	$0.00000	
	Lost Revenue in 2015 from 2011 programs																										$0.00	$0.00
	Lost Revenue in 2015 from 2012 programs																										$0.00	$0.00
	Lost Revenue in 2015 from 2013 programs																							$26,906.30	$20,241.86	$56,436.10	$0.00	$103,584.27
	Lost Revenue in 2015 from 2014 programs																							$62,920.86	$21,744.49	$44,555.51	$0.00	$129,220.87
	Lost Revenue in 2015 from 2015 programs																							$68,665.69	$47,014.91	$167,434.86	$0.00	$283,115.45
	Total Lost Revenues in 2015																							**$158,492.85**	**$89,001.26**	**$268,426.47**	**$0.00**	**$515,920.59**
	Forecast Lost Revenues in 2015																							**$54,908.87**	**$41,337.32**	**$140,468.92**	**$0.00**	**$236,715.11**
	LRAMVA in 2015																											**$279,205.47**
	2015 Savings Persisting in 2016																							4,135,593	3,731,343	37,340	0	
	2015 Savings Persisting in 2017																							4,132,691	3,731,342	37,184	0	
	2015 Savings Persisting in 2018																							4,129,686	3,743,786	37,205	0	
	2015 Savings Persisting in 2019																							4,117,660	3,743,786	37,205	0	
	2015 Savings Persisting in 2020																							4,106,672	3,743,687	37,205	0	

Note: LDC to make note of key assumptions included above

Table 5-b. 2016 Lost Revenues Work Form Return to top

Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA				
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Residential	GS<50 kW	GS>50 kW	Streetlighting kW	Total
Legacy Framework																							kWh	kWh	kW	kW	
Actual CDM Savings in 2016		**21,615,310**											**3,592**										**9,349,965**	**1,471,641**	**26,147**	**0**	
Forecast CDM Savings in 2016																							**3,348,102**	**3,280,740**	**31,326**	**0**	
Distribution Rate in 2016																							$0.01250	$0.01280	$4.57150	$0.00000	
Lost Revenue in 2016 from 2011 programs																											$0.00
Lost Revenue in 2016 from 2012 programs																											$0.00
Lost Revenue in 2016 from 2013 programs																							$18,941.02	$20,011.48	$57,178.36	$0.00	$96,130.87
Lost Revenue in 2016 from 2014 programs																							$45,396.35	$21,777.25	$45,423.95	$0.00	$112,597.54
Lost Revenue in 2016 from 2015 programs																							$51,694.91	$47,761.19	$170,698.35	$0.00	$270,154.45
Lost Revenue in 2016 from 2016 programs																							$116,874.56	$18,837.00	$119,529.00	$0.00	$255,240.56
Total Lost Revenues in 2016																							**$232,906.85**	**$108,386.92**	**$392,829.65**	**$0.00**	**$734,123.42**
Forecast Lost Revenues in 2016																							**$41,851.28**	**$41,993.47**	**$143,206.81**	**$0.00**	**$227,051.56**
LRAMVA in 2016																											**$507,071.86**
2016 Savings Persisting in 2017																							9,349,965	1,471,641	26,147	0	
2016 Savings Persisting in 2018																							9,349,965	1,563,626	29,452	0	
2016 Savings Persisting in 2019																							9,349,965	1,563,626	29,452	0	
2016 Savings Persisting in 2020																							9,349,965	1,563,626	29,452	0	

Note: LDC to make note of key assumptions included above

Table 5-c. 2017 Lost Revenues Work Form Return to top

Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA				
		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Residential	GS<50 kW	GS>50 kW	Streetlighting kW	Total
Conservation First Framework																											
Residential Province-Wide Programs																											
21 Save on Energy Coupon Program	Verified	7,711,088	6,202,137	6,202,137	6,202,137	6,202,137	6,202,137	6,202,137	6,202,077	6,202,077	6,187,940		533	432	432	432	432	432	432	432	432	431	100.00%				100%
Adjustment to 2017 savings	True-up	9,942	9,862	9,862	9,862																		100.00%	0.00%	0.00%	0.00%	
22 Save on Energy Heating and Cooling Program	Verified	1,537,439	1,537,439	1,537,439	1,537,439	1,537,439	1,537,439	1,537,439	1,537,439	1,537,439	1,537,439		450	450	450	450	450	450	450	450	450	450	100.00%				100%
Adjustment to 2017 savings	True-up	139,897	139,897	139,897	139,897																		100.00%	0.00%	0.00%	0.00%	

Table 5-c. 2017 Lost Revenues Work Form Return to top

	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA				
			2017	2018	2019	2020	2021	2022	2023	2024	2025	2026		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Residential	GS<50 kW	GS>50 kW	Streetlighting kW	Total
23	Save on Energy New Construction Program	Verified	56,486	56,486	56,486	56,486	56,486	56,486	56,486	56,486	56,486	56,486		14	14	14	14	14	14	14	14	14	14	100.00%				100%
	Adjustment to 2017 savings	True-up																						100.00%	0.00%	0.00%	0.00%	
24	Save on Energy Home Assistance Program	Verified	9,874	9,874	9,874	9,874	9,874	9,874	9,874	9,874	9,874	9,874		3	3	3	3	3	3	3	3	3	3	100.00%				100%
	Adjustment to 2017 savings	True-up																						100.00%	0.00%	0.00%	0.00%	
	Save on Energy Instant Discount	Verified	6,676,070	4,834,733	4,834,733	4,834,733	4,834,733	4,834,733	4,834,733	4,834,640	4,834,640	4,834,640		458	334	334	334	334	334	334	334	334	334	100.00%				
	Adjustment to 2017 savings	True-up																						100.00%	0.00%	0.00%	0.00%	
	Non-Residential Province-Wide Programs																											
26	Save on Energy Retrofit Program	Verified	23,630,919	23,734,708	23,734,708	23,734,708	23,734,708	23,243,403	23,243,403	23,243,403	23,066,220	23,066,220	12	3,304	3,344	3,344	3,344	3,344	3,244	3,244	3,244	3,243	3,243		11.00%	77.20%		88%
	Streetlighting Upgrade kWh	Streetlighting	(2,286,980)	(7,845,232)	(7,845,232)	(7,845,232)							12												11.00%	77.20%		
	Streetlighting Upgrade kW												1	6,376	21,875	21,875	21,875										100.00%	
	Adjustment to 2017 savings (2019)	True-up	809,760	805,711	805,711	805,711							12	293	292	292	292									100.00%		
	Adjustment to 2017 savings (2018)	True-up	1,500,275	1,500,275	1,492,774	1,492,774							12											0.00%	11.00%	77.20%	0.00%	
27	Save on Energy Small Business Lighting Program	Verified	5,544	5,544	5,544	5,544	5,544	5,482	4,916	4,916	3,855	3,855	12	2	2	2	2	2	2	1	1	1	1		100.00%			100%
	Adjustment to 2017 savings	True-up											12											0.00%	100.00%	0.00%	0.00%	
28	Save on Energy High Performance New Construction Program	Verified	86,200	86,200	86,200	86,200	86,200	86,200	86,200	86,200	86,200	86,200	12	25	25	25	25	25	25	25	25	25	25		14.40%	85.30%		100%
	Adjustment to 2017 savings	True-up	4,445	4,445	4,401	4,401							12											0.00%	14.40%	85.30%	0.00%	
30	Save on Energy Process & Systems Upgrades Program	Verified	2,835,485	2,835,485	2,835,485	2,835,485	2,835,485	2,835,485	2,835,485	2,835,485	2,835,485	2,835,485	12	336	336	336	336	336	336	336	336	336	336			100.00%		100%
	Adjustment to 2017 savings	True-up	1,134,177	1,134,177	1,134,177	1,134,177							12											0.00%	0.00%	100.00%	0.00%	
32	Save on Energy Energy Manager Program	Verified	653	653	653	0	0	0	0	0	0	0	12													100.00%		100%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	100.00%	0.00%	
	Local & Regional Programs																											
	Centrally Delivered -Whole Home Pilot Program.	Verified	114,341	114,341	114,341	114,341	112,670	110,661	110,661	110,661	110,661	110,661	12	12	12	12	12	12	11	11	11	11	11	100.00%				100%
	Adjustment to 2017 savings	True-up											12											100.00%	0.00%	0.00%	0.00%	
	Save on Energy Energy Performance Program for Multi-Site Customers.	Verified	103,685	103,685	103,685	103,685	103,685	103,685	103,685	103,685	0	0	12	0	0	0	0	0	0	0	0	0	0		100.00%			100%
	Adjustment to 2017 savings	True-up											12											0.00%	100.00%	0.00%	0.00%	
	Pilot Programs																											
	KWHI Pilot Small & Medium Business Energy Management System LDC Innovation	Verified	247,986	247,986	247,986	247,986	247,986	247,986	247,986	247,986	247,986	247,986	12	45	45	45	45	45	45	45	45	45	45		100.00%			100%
	Adjustment to 2017 savings	True-up																						0.00%	100.00%	0.00%	0.00%	
	Actual CDM Savings in 2017		**44,327,285**											**11,852**										**16,255,137**	**2,883,131**	**38,415**	**6,376**	
	Forecast CDM Savings in 2017																							**3,348,102**	**3,280,740**	**31,326**	**0**	
	Distribution Rate in 2017																							$0.00840	$0.01300	$4.65150	$4.89490	
	Lost Revenue in 2017 from 2013 programs																							$11,972.84	$14,421.87	$55,418.24	$0.00	$81,812.95
	Lost Revenue in 2017 from 2014 programs																							$30,295.35	$20,437.16	$45,719.31	$0.00	$96,451.82
	Lost Revenue in 2017 from 2015 programs																							$34,714.60	$48,507.44	$172,959.89	$0.00	$256,181.94
	Lost Revenue in 2017 from 2016 programs																							$78,539.71	$19,131.33	$121,620.72	$0.00	$219,291.76
	Lost Revenue in 2017 from 2017 programs																							$136,543.15	$37,480.71	$178,686.28	$31,211.88	$383,922.02
	Total Lost Revenues in 2017																							**$292,065.65**	**$139,978.52**	**$574,404.44**	**$31,211.88**	**$1,037,660.48**
	Forecast Lost Revenues in 2017																							**$28,124.06**	**$42,649.62**	**$145,712.89**	**$0.00**	**$216,486.57**
	LRAMVA in 2017																											**$821,173.91**
	2017 Savings Persisting in 2018																							12,904,769	2,035,154	38,768	21,875	
	2017 Savings Persisting in 2019																							12,904,769	2,034,323	38,768	21,875	
	2017 Savings Persisting in 2020																							12,904,769	2,034,323	38,768	21,875	

Note: LDC to make note of key assumptions included above

Table 5-d. 2018 Lost Revenues Work Form Return to top

	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA				
			2018	2019	2020	2021	2022	2023	2024	2025	2026	2027		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Residential	GS<50 kW	GS>50 kW	Streetlighting kW	Total
	Conservation First Framework																											
	Residential Province-Wide Programs																											
22	Save on Energy Heating and Cooling Program	UnVerified	1,043,958	1,043,958	1,043,958	1,043,958	1,043,958	1,043,958	0	0	0	0												100.00%				100%
	Adjustment to 2018 savings	True-up																						100.00%	0.00%	0.00%	0.00%	

Table 5-c. 2017 Lost Revenues Work Form Return to top

	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA				
			2017	2018	2019	2020	2021	2022	2023	2024	2025	2026		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Residential	GS<50 kW	GS>50 kW	Streetlighting kW	Total
23	Save on Energy New Construction Program	UnVerified	7,952	7,952	7,952	7,952	7,952	7,952	0	0	0	0												100.00%				100%
	Adjustment to 2018 savings	True-up																						100.00%	0.00%	0.00%	0.00%	
	Save on Energy Instant Discount	UnVerified	2,861,480	2,837,957	2,837,957	2,837,957	2,837,957	2,837,957	0	0	0	0												100.00%				100%
	Adjustment to 2018 savings	True-up																						100.00%	0.00%	0.00%	0.00%	
	Non-Residential Province-Wide Programs																											
26	Save on Energy Retrofit Program	UnVerified	8,990,946	8,946,485	8,946,485	8,946,485	8,946,485	8,946,485	0	0	0	0	12	1,032	1,032	1,032	1,032								26.30%	66.80%		93%
	Adjustment to 2018 savings (2019)	True-up	4,153,882	4,153,882	4,133,112	4,133,112	4,133,112	0	0	0	0	0	12	819	819	815	815							0.00%	**19.50%**	**75.30%**	0.00%	
27	Save on Energy Small Business Lighting Program	UnVerified	659,987	424,364	424,364	424,364	424,364	424,364	0	0	0	0	12	2	2	2									98.90%	1.10%		100%
	Adjustment to 2018 savings	True-up											12											0.00%	98.90%	1.10%	0.00%	
28	Save on Energy High Performance New Construction Program	UnVerified	22,224	22,003	22,003	22,003	22,003	22,003	0	0	0	0	12	100	100	100	100								100.00%			100%
	Adjustment to 2018 savings	True-up											12											0.00%	100.00%	0.00%	0.00%	
	Local & Regional Programs																											
33	Business Refrigeration Local Program	UnVerified	531,805	531,805	531,805	531,805	531,805	531,805	0	0	0	0	12	43	43	43	43								76.80%	22.10%		99%
	Adjustment to 2018 savings	True-up											12											0.00%	76.80%	22.10%	0.00%	
	Pilot Programs																											
	KWHI Swimming Pool Efficiency Program	UnVerified	282,000	282,000	282,000	282,000	282,000	282,000	0	0	0	0	1											100.00%				100%
		True-up																										
	Actual CDM Savings in 2018		**18,554,233**											**1,996**										**4,195,390**	**4,258,003**	**15,785**	**0**	
	Forecast CDM Savings in 2018																							**3,348,102**	**3,280,740**	**31,326**	**0**	
	Distribution Rate in 2018																							$0.00420	$0.01310	$4.70030	$4.94630	
	Lost Revenue in 2018 from 2011 programs																										$0.00	$0.00
	Lost Revenue in 2018 from 2012 programs																										$0.00	$0.00
	Lost Revenue in 2018 from 2013 programs																							$5,704.13	$14,379.73	$55,187.73	$0.00	$75,271.59
	Lost Revenue in 2018 from 2014 programs																							$14,630.37	$11,188.45	$46,186.13	$0.00	$72,004.95
	Lost Revenue in 2018 from 2015 programs																							$17,344.68	$49,043.59	$174,873.72	$0.00	$241,261.99
	Lost Revenue in 2018 from 2016 programs																							$39,269.85	$20,483.51	$138,432.48	$0.00	$198,185.84
	Lost Revenue in 2018 from 2017 programs																							$54,200.03	$26,660.52	$182,219.97	$108,200.11	$371,280.63
	Lost Revenue in 2018 from 2018 programs																							$17,620.64	$55,779.84	$74,192.02	$0.00	$147,592.49
	Total Lost Revenues in 2018																							**$148,769.70**	**$177,535.64**	**$671,092.06**	**$108,200.11**	**$1,105,597.50**
	Forecast Lost Revenues in 2018																							**$14,062.03**	**$42,977.69**	**$147,241.60**	**$0.00**	**$204,281.32**
	LRAMVA in 2018																											**$901,316.18**
	2018 Savings Persisting in 2019																							3,889,867	4,013,058	15,784	0	
	2018 Savings Persisting in 2020																							3,889,867	4,009,008	15,747	0	

Note: LDC to make note of key assumptions included above

Table 5-e. 2019 Lost Revenues Work Form Return to top

	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA				
			2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Residential	GS<50 kW	GS>50 kW	Streetlighting kW	Total
	Non-Residential Province-Wide Programs																											
25	Save on Energy Audit Funding Program	UnVerified	301,460	301,460	301,460	301,460	301,460						12	168	168	168	168	168							47.20%	27.50%		75%
	Adjustment to 2019 savings	True-up											12											0.00%	47.20%	27.50%	0.00%	
26	Save on Energy Retrofit Program	UnVerified	4,831,931	4,831,931	4,807,772	4,807,772	4,807,772						12	1,093	1,093	1,087	1,087	1,087							15.10%	83.10%		98%
	Adjustment to 2019 savings	True-up											12											0.00%	15.10%	83.10%	0.00%	
27	Save on Energy Small Business Lighting Program	UnVerified	581,518	512,028	373,910	372,775	372,775						12	192	169	124	123	123							62.20%	36.60%		99%
	Adjustment to 2019 savings	True-up											12											0.00%	62.20%	36.60%	0.00%	
	Local & Regional Programs																											
33	Business Refrigeration Local Program	UnVerified	44,739	44,739	44,739	44,739	44,739						12	6	4	4	4	4							37.70%	58.90%		97%
	Adjustment to 2019 savings	True-up											12											0.00%	37.70%	58.90%	0.00%	
	Actual CDM Savings in 2019		**5,759,648**											**1,460**										**0**	**1,250,482**	**12,343**	**0**	
	Forecast CDM Savings in 2019																							**3,348,102**	**3,280,740**	**31,326**	**0**	
	Distribution Rate in 2019																							$0.00000	$0.01330	$4.76380	$5.01310	
	Lost Revenue in 2019 from 2011 programs																										$0.00	$0.00
	Lost Revenue in 2019 from 2012 programs																										$0.00	$0.00
	Lost Revenue in 2019 from 2013 programs																							$0.00	$14,599.27	$55,933.30	$0.00	$70,532.57
	Lost Revenue in 2019 from 2014 programs																							$0.00	$11,359.26	$46,810.10	$0.00	$58,169.36

Table 5-c. 2017 Lost Revenues Work Form Return to top

Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA				
		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Residential	GS<50 kW	GS>50 kW	Streetlighting kW	Total
Lost Revenue in 2019 from 2015 programs																							$0.00	$49,792.35	$177,236.23	$0.00	$227,028.57
Lost Revenue in 2019 from 2016 programs																							$0.00	$20,796.23	$140,302.68	$0.00	$161,098.91
Lost Revenue in 2019 from 2017 programs																							$0.00	$27,056.49	$184,681.72	$109,661.35	$321,399.57
Lost Revenue in 2019 from 2018 programs																							$0.00	$53,373.67	$75,193.19	$0.00	$128,566.85
Lost Revenue in 2019 from 2019 programs																							$0.00	$16,631.40	$58,800.41	$0.00	$75,431.81
Total Lost Revenues in 2019																							**$0.00**	**$193,608.68**	**$738,957.62**	**$109,661.35**	**$1,042,227.66**
Forecast Lost Revenues in 2019																							**$0.00**	**$43,633.84**	**$149,230.80**	**$0.00**	**$192,864.64**
LRAMVA in 2019																											**$849,363.02**
2019 Savings Persisting in 2020																							0	1,207,259	12,224	0	

Note: LDC to make note of key assumptions included above

Table 5-f. 2020 Lost Revenues Work Form Return to top

Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA				
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Residential	GS<50 kW	GS>50 kW	Streetlighting kW	Total
Legacy Framework																							kWh	kWh	kW	kW	
Actual CDM Savings in 2020		**0**											**0**										**0**	**0**	**0**	**0**	
Forecast CDM Savings in 2020																							**0**	**0**	**0**	**0**	
Distribution Rate in 2020																							$0.00000	$0.00000	$0.00000	$0.00000	
Lost Revenue in 2020 from 2011 programs																							$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2012 programs																							$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2013 programs																							$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2014 programs																							$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2015 programs																							$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2016 programs																							$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
Lost Revenue in 2020 from 2018 programs																							$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
Lost Revenue in 2020 from 2020 programs																							$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**
Forecast Lost Revenues in 2020																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
LRAMVA in 2020																											**$0.00**

Note: LDC to make note of key assumptions included above

Ontario Energy Board

LRAMVA Work Form:
Carrying Charges by Rate Class

Legend

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

Instructions

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

3. Please calculate the projected interest amounts in the LRAMVA work form. Project carrying charges amounts incuded in Table 6-a should be consistent with the projected interest amounts included in the DVA Continuity Schedule. **If there are additional adjustments required to the formulas to calculate the projected interest amounts, please adjust the formulas in Table 6-a accordingly.**

Table 6. Prescribed Interest Rates

Quarter	Approved Deferral & Variance Accounts
2011 Q1	1.47%
2011 Q2	1.47%
2011 Q3	1.47%
2011 Q4	1.47%
2012 Q1	1.47%
2012 Q2	1.47%
2012 Q3	1.47%
2012 Q4	1.47%
2013 Q1	1.47%
2013 Q2	1.47%
2013 Q3	1.47%
2013 Q4	1.47%
2014 Q1	1.47%
2014 Q2	1.47%
2014 Q3	1.47%
2014 Q4	1.47%
2015 Q1	1.47%
2015 Q2	1.10%
2015 Q3	1.10%
2015 Q4	1.10%
2016 Q1	1.10%
2016 Q2	1.10%
2016 Q3	1.10%
2016 Q4	1.10%
2017 Q1	1.10%
2017 Q2	1.10%
2017 Q3	1.10%
2017 Q4	1.50%
2018 Q1	1.50%
2018 Q2	1.89%
2018 Q3	1.89%
2018 Q4	2.17%
2019 Q1	2.45%
2019 Q2	2.18%
2019 Q3	2.18%
2019 Q4	2.18%
2020 Q1	2.18%
2020 Q2	2.18%
2020 Q3	0.57%
2020 Q4	0.57%
2021 Q1	0.57%

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

Go to Tab 1: Summary

Month	Period	Quarter	Monthly Rate	Residential	GS<50 kW	GS>50 kW	Streetlighting kW						Total
Jan-11	2011	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-11	2011	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Mar-11	2011	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Apr-11	2011	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
May-11	2011	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-11	2011	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-11	2011	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-11	2011	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-11	2011	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-11	2011	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-11	2011	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-11	2011	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2011				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Amount Cleared													
Opening Balance for 2012				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Jan-12	2011-2012	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-12	2011-2012	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Mar-12	2011-2012	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Apr-12	2011-2012	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
May-12	2011-2012	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-12	2011-2012	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-12	2011-2012	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-12	2011-2012	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-12	2011-2012	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-12	2011-2012	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-12	2011-2012	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-12	2011-2012	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2012				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Amount Cleared													
Opening Balance for 2013				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Jan-13	2011-2013	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-13	2011-2013	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Mar-13	2011-2013	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Apr-13	2011-2013	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
May-13	2011-2013	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-13	2011-2013	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-13	2011-2013	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-13	2011-2013	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-13	2011-2013	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-13	2011-2013	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-13	2011-2013	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00

2021 Q2	0.57%
2021 Q3	0.57%
2021 Q4	0.57%
2022 Q1	
2022 Q2	
2022 Q3	
2022 Q4	
2023 Q1	
2023 Q2	
2023 Q3	
2023 Q4	
2024 Q1	
2024 Q2	
2024 Q3	
2024 Q4	
2025 Q1	
2025 Q2	
2025 Q3	
2025 Q4	

Check OEB website

Dec-13	2011-2013	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2013				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Amount Cleared													
Opening Balance for 2014				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Jan-14	2011-2014	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-14	2011-2014	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Mar-14	2011-2014	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Apr-14	2011-2014	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
May-14	2011-2014	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-14	2011-2014	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-14	2011-2014	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-14	2011-2014	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-14	2011-2014	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-14	2011-2014	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-14	2011-2014	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-14	2011-2014	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2014				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Amount Cleared													
Opening Balance for 2015				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Jan-15	2011-2015	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-15	2011-2015	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Mar-15	2011-2015	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Apr-15	2011-2015	Q2	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
May-15	2011-2015	Q2	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-15	2011-2015	Q2	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-15	2011-2015	Q3	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-15	2011-2015	Q3	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-15	2011-2015	Q3	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-15	2011-2015	Q4	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-15	2011-2015	Q4	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-15	2011-2015	Q4	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2015				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Amount Cleared													
Opening Balance for 2016				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Jan-16	2011-2016	Q1	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-16	2011-2016	Q1	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Mar-16	2011-2016	Q1	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Apr-16	2011-2016	Q2	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
May-16	2011-2016	Q2	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-16	2011-2016	Q2	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-16	2011-2016	Q3	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-16	2011-2016	Q3	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-16	2011-2016	Q3	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-16	2011-2016	Q4	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-16	2011-2016	Q4	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-16	2011-2016	Q4	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2016				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Amount Cleared													
Opening Balance for 2017				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Jan-17	2011-2017	Q1	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-17	2011-2017	Q1	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Mar-17	2011-2017	Q1	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Apr-17	2011-2017	Q2	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
May-17	2011-2017	Q2	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-17	2011-2017	Q2	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-17	2011-2017	Q3	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-17	2011-2017	Q3	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-17	2011-2017	Q3	0.09%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-17	2011-2017	Q4	0.13%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-17	2011-2017	Q4	0.13%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-17	2011-2017	Q4	0.13%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2017				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Amount Cleared													
Opening Balance for 2018				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Jan-18	2011-2018	Q1	0.13%	$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	0.13%	$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	0.13%	$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	0.16%	$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	0.16%	$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	0.16%	$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	0.16%	$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	0.16%	$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	0.16%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-18	2011-2018	Q4	0.18%	$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	0.18%	$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	0.18%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2018				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Amount Cleared													

Opening Balance for 2019				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Jan-19	2011-2019	Q1	0.20%	$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	0.20%	$0.00	$25.52	$100.34	$18.66	$0.00	$0.00	$0.00	$0.00	$0.00	$144.51
Mar-19	2011-2019	Q1	0.20%	$0.00	$51.03	$200.67	$37.32	$0.00	$0.00	$0.00	$0.00	$0.00	$289.02
Apr-19	2011-2019	Q2	0.18%	$0.00	$68.11	$267.83	$49.80	$0.00	$0.00	$0.00	$0.00	$0.00	$385.75
May-19	2011-2019	Q2	0.18%	$0.00	$90.82	$357.11	$66.41	$0.00	$0.00	$0.00	$0.00	$0.00	$514.34
Jun-19	2011-2019	Q2	0.18%	$0.00	$113.52	$446.39	$83.01	$0.00	$0.00	$0.00	$0.00	$0.00	$642.92
Jul-19	2011-2019	Q3	0.18%	$0.00	$136.23	$535.67	$99.61	$0.00	$0.00	$0.00	$0.00	$0.00	$771.50
Aug-19	2011-2019	Q3	0.18%	$0.00	$158.93	$624.95	$116.21	$0.00	$0.00	$0.00	$0.00	$0.00	$900.09
Sep-19	2011-2019	Q3	0.18%	$0.00	$181.64	$714.22	$132.81	$0.00	$0.00	$0.00	$0.00	$0.00	$1,028.67
Oct-19	2011-2019	Q4	0.18%	$0.00	$204.34	$803.50	$149.41	$0.00	$0.00	$0.00	$0.00	$0.00	$1,157.26
Nov-19	2011-2019	Q4	0.18%	$0.00	$227.05	$892.78	$166.02	$0.00	$0.00	$0.00	$0.00	$0.00	$1,285.84
Dec-19	2011-2019	Q4	0.18%	$0.00	$249.75	$982.06	$182.62	$0.00	$0.00	$0.00	$0.00	$0.00	$1,414.43
Total for 2019				**$0.00**	**$1,506.93**	**$5,925.53**	**$1,101.87**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$8,534.33**
Amount Cleared													
Opening Balance for 2020				**$0.00**	**$1,506.93**	**$5,925.53**	**$1,101.87**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$8,534.33**
Jan-20	2011-2020	Q1	0.18%	$0.00	$272.45	$1,071.34	$199.22	$0.00	$0.00	$0.00	$0.00	$0.00	$1,543.01
Feb-20	2011-2020	Q1	0.18%	$0.00	$272.45	$1,071.34	$199.22	$0.00	$0.00	$0.00	$0.00	$0.00	$1,543.01
Mar-20	2011-2020	Q1	0.18%	$0.00	$272.45	$1,071.34	$199.22	$0.00	$0.00	$0.00	$0.00	$0.00	$1,543.01
Apr-20	2011-2020	Q2	0.18%	$0.00	$272.45	$1,071.34	$199.22	$0.00	$0.00	$0.00	$0.00	$0.00	$1,543.01
May-20	2011-2020	Q2	0.18%	$0.00	$272.45	$1,071.34	$199.22	$0.00	$0.00	$0.00	$0.00	$0.00	$1,543.01
Jun-20	2011-2020	Q2	0.18%	$0.00	$272.45	$1,071.34	$199.22	$0.00	$0.00	$0.00	$0.00	$0.00	$1,543.01
Jul-20	2011-2020	Q3	0.05%	$0.00	$71.24	$280.12	$52.09	$0.00	$0.00	$0.00	$0.00	$0.00	$403.45
Aug-20	2011-2020	Q3	0.05%	$0.00	$71.24	$280.12	$52.09	$0.00	$0.00	$0.00	$0.00	$0.00	$403.45
Sep-20	2011-2020	Q3	0.05%	$0.00	$71.24	$280.12	$52.09	$0.00	$0.00	$0.00	$0.00	$0.00	$403.45
Oct-20	2011-2020	Q4	0.05%	$0.00	$71.24	$280.12	$52.09	$0.00	$0.00	$0.00	$0.00	$0.00	$403.45
Nov-20	2011-2020	Q4	0.05%	$0.00	$71.24	$280.12	$52.09	$0.00	$0.00	$0.00	$0.00	$0.00	$403.45
Dec-20	2011-2020	Q4	0.05%	$0.00	$71.24	$280.12	$52.09	$0.00	$0.00	$0.00	$0.00	$0.00	$403.45
Total for 2020				**$0.00**	**$3,569.09**	**$14,034.27**	**$2,609.71**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$20,213.07**
Amount Cleared													
Opening Balance for 2021				**$0.00**	**$3,569.09**	**$14,034.27**	**$2,609.71**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$20,213.07**

Table 7. 2011-2020 Verified Program Results and Persistence into Future Years

Step:	*#1*					*#3*	*#2*	*#4*	*#1*																						
Portfolio	Program	Initiative	LDC	Sector	Conservation Resource Type	(Implementation) Year	Identify Source of Report	Identify Status of Savings	Net Verified Annual Peak Demand Savings at the End-User Level (kW)																						
									2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Tier 1	Consumer	peaksaverPLUS	Kitchener-Wilmot Hydro Inc.	Residential	DR	2007	2013 Results Persistence	Adjustment	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Consumer	peaksaverPLUS	Kitchener-Wilmot Hydro Inc.	Residential	DR	2007	2013 Results Persistence	Adjustment	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Consumer	Residential Demand Response	Kitchener-Wilmot Hydro Inc.	Residential	DR	2007	2014 Results Persistence	Adjustment	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Consumer	Residential Demand Response	Kitchener-Wilmot Hydro Inc.	Residential	DR	2007	2014 Results Persistence	Adjustment	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Consumer	peaksaverPLUS	Kitchener-Wilmot Hydro Inc.	Residential	DR	2008	2013 Results Persistence	Adjustment	0	0	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Consumer	peaksaverPLUS	Kitchener-Wilmot Hydro Inc.	Residential	DR	2008	2013 Results Persistence	Adjustment	0	0	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Consumer	Residential Demand Response	Kitchener-Wilmot Hydro Inc.	Residential	DR	2008	2014 Results Persistence	Adjustment	0	0	0	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Consumer	Residential Demand Response	Kitchener-Wilmot Hydro Inc.	Residential	DR	2008	2014 Results Persistence	Adjustment	0	0	0	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Business	peaksaverPLUS	Kitchener-Wilmot Hydro Inc.	Commercial & Institutional	DR	2009	2013 Results Persistence	Adjustment	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Consumer	peaksaverPLUS	Kitchener-Wilmot Hydro Inc.	Residential	DR	2009	2013 Results Persistence	Adjustment	0	0	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Business	peaksaverPLUS	Kitchener-Wilmot Hydro Inc.	Commercial & Institutional	DR	2009	2013 Results Persistence	Adjustment	0	0	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Consumer	peaksaverPLUS	Kitchener-Wilmot Hydro Inc.	Residential	DR	2009	2013 Results Persistence	Adjustment	0	0	387	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Business	Commercial Demand Response	Kitchener-Wilmot Hydro Inc.	Commercial	DR	2009	2014 Results Persistence	Adjustment	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Consumer	Residential Demand Response	Kitchener-Wilmot Hydro Inc.	Residential	DR	2009	2014 Results Persistence	Adjustment	0	0	0	310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Business	Commercial Demand Response	Kitchener-Wilmot Hydro Inc.	Commercial	DR	2009	2014 Results Persistence	Adjustment	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Consumer	Residential Demand Response	Kitchener-Wilmot Hydro Inc.	Residential	DR	2009	2014 Results Persistence	Adjustment	0	0	0	134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Consumer	peaksaverPLUS	Kitchener-Wilmot Hydro Inc.	Residential	DR	2010	2013 Results Persistence	Adjustment	0	0	89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Business	peaksaverPLUS	Kitchener-Wilmot Hydro Inc.	Commercial & Institutional	DR	2010	2013 Results Persistence	Adjustment	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Consumer	peaksaverPLUS	Kitchener-Wilmot Hydro Inc.	Residential	DR	2010	2013 Results Persistence	Adjustment	0	0	450	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Business	Commercial Demand Response	Kitchener-Wilmot Hydro Inc.	Commercial	DR	2010	2014 Results Persistence	Adjustment	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Consumer	Residential Demand Response	Kitchener-Wilmot Hydro Inc.	Residential	DR	2010	2014 Results Persistence	Adjustment	0	0	0	337	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Business	Commercial Demand Response	Kitchener-Wilmot Hydro Inc.	Commercial	DR	2010	2014 Results Persistence	Adjustment	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Consumer	Residential Demand Response	Kitchener-Wilmot Hydro Inc.	Residential	DR	2010	2014 Results Persistence	Adjustment	0	0	0	175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Consumer	Appliance Exchange	Kitchener-Wilmot Hydro Inc.	Residential	EE	2011	2011 Results Persistence	Current year savings	7	7	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Consumer	Appliance Retirement	Kitchener-Wilmot Hydro Inc.	Residential	EE	2011	2011 Results Persistence	Current year savings	36	36	36	35	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Consumer	Bi-Annual Retailer Event	Kitchener-Wilmot Hydro Inc.	Residential	EE	2011	2011 Results Persistence	Current year savings	27	27	27	27	26	23	19	19	23	11	2	2	2	1	1	1	0	0	0	0	0	0	0	0
Tier 1	Consumer	Conservation Instant Coupon Booklet	Kitchener-Wilmot Hydro Inc.	Residential	EE	2011	2011 Results Persistence	Current year savings	19	19	19	19	18	17	14	14	16	9	1	1	1	1	1	1	0	0	0	0	0	0	0	0
Tier 1	Consumer	HVAC Incentives	Kitchener-Wilmot Hydro Inc.	Residential	EE	2011	2011 Results Persistence	Current year savings	642	642	642	642	642	642	642	642	642	642	642	642	642	642	642	642	642	642	521	0	0	0	0	0
Non-Tier 2	Consumer	Residential Demand Response	Kitchener-Wilmot Hydro Inc.	Residential	DR	2011	2011 Results Persistence	Current year savings	152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Tier 2	Consumer	Retailer Co-op	Kitchener-Wilmot Hydro Inc.	Residential	EE	2011	2011 Results Persistence	Current year savings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1 - 20	Business	Commercial Demand Response (part of the Res	Kitchener-Wilmot Hydro Inc.	Commercial & Institutional	DR	2011	2011 Results Persistence	Current year savings	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1 - 20	Business	Demand Response 3 (part of the Industrial prog	Kitchener-Wilmot Hydro Inc.	Commercial & Institutional	DR	2011	2011 Results Persistence	Current year savings	455	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1 - 20	Business	Direct Install Lighting	Kitchener-Wilmot Hydro Inc.	Commercial & Institutional	EE	2011	2011 Results Persistence	Current year savings	261	260	256	211	211	211	79	73	73	73	69	69	12	12	12	0	0	0	0	0	0	0	0	0
Tier 1 - 20	Business	Retrofit	Kitchener-Wilmot Hydro Inc.	Commercial & Institutional	EE	2011	2011 Results Persistence	Current year savings	564	564	564	551	458	424	388	388	331	331	328	328	83	24	17	13	13	13	13	13	0	0	0	0
Tier 1 - 20	Industrial	Demand Response 3	Kitchener-Wilmot Hydro Inc.	Industrial	DR	2011	2011 Results Persistence	Current year savings	1,453	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1 - 20	Industrial	Retrofit	Kitchener-Wilmot Hydro Inc.	Industrial	EE	2011	2011 Results Persistence	Current year savings	40	40	40	40	40	40	37	37	34	34	34	34	1	1	1	0	0	0	0	0	0	0	0	0
Tier 1 - 20	Pre-2011 Prog	Electricity Retrofit Incentive Program	Kitchener-Wilmot Hydro Inc.	Commercial & Institutional	EE	2011	2011 Results Persistence	Current year savings	964	964	964	964	964	964	964	964	964	964	964	964	964	0	0	0	0	0	0	0	0	0	0	0
Tier 1 - 20	Pre-2011 Prog	High Performance New Construction	Kitchener-Wilmot Hydro Inc.	Commercial & Institutional	EE	2011	2011 Results Persistence	Current year savings	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
LDC	Business	Retrofit	Kitchener-Wilmot Hydro Inc.	C&I	EE	2011	2012 Results Persistence	Adjustment	44	44	44	44	44	44	37	37	36	36	36	36	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Business	Direct Install Lighting	Kitchener-Wilmot Hydro Inc.	C&I	EE	2011	2012 Results Persistence	Adjustment	7	7	7	3	3	3	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Business	Energy Audit	Kitchener-Wilmot Hydro Inc.	C&I	EE	2011	2012 Results Persistence	Adjustment	10	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Pre-2011 Prog	High Performance New Construction	Kitchener-Wilmot Hydro Inc.	C&I	EE	2011	2012 Results Persistence	Adjustment	9	9	9	9	9	9	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0
LDC	Pre-2011 Prog	ERIP	Kitchener-Wilmot Hydro Inc.	C&I	EE	2011	2012 Results Persistence	Adjustment	23	23	23	23	23	23	23	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Consumer	HVAC Incentives	Kitchener-Wilmot Hydro Inc.	Residential	EE	2011	2012 Results Persistence	Adjustment	-108	-108	-108	-108	-108	-108	-108	-108	-108	-108	-108	-108	-108	-108	-108	-108	-108	-84	0	0	0	0	0	0
LDC	Consumer	Bi-Annual Retailer Event	Kitchener-Wilmot Hydro Inc.	Residential	EE	2011	2012 Results Persistence	Adjustment	2	2	2	2	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Consumer	Conservation Instant Coupon Booklet	Kitchener-Wilmot Hydro Inc.	Residential	EE	2011	2012 Results Persistence	Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Business	peaksaverPLUS	Kitchener-Wilmot Hydro Inc.	Commercial & Institutional	DR	2011	2013 Results Persistence	Adjustment	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Consumer	HVAC	Kitchener-Wilmot Hydro Inc.	Residential	EE	2011	2013 Results Persistence	Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Consumer	peaksaverPLUS	Kitchener-Wilmot Hydro Inc.	Residential	DR	2011	2013 Results Persistence	Adjustment	0	0	99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Business	Energy Audit	Kitchener-Wilmot Hydro Inc.	Commercial	EE	2011	2014 Results Persistence	Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Business	Commercial Demand Response	Kitchener-Wilmot Hydro Inc.	Commercial	DR	2011	2014 Results Persistence	Adjustment	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Consumer	Residential Demand Response	Kitchener-Wilmot Hydro Inc.	Residential	DR	2011	2014 Results Persistence	Adjustment	0	0	0	93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Business	Direct Install Lighting	Kitchener-Wilmot Hydro Inc.	C&I	EE	2012	2012 Results Persistence	Current year savings	0	170	170	168	146	146	66	66	65	65	65	63	63	0	0	0	0	0	0	0	0	0	0	0
LDC	Business	Retrofit	Kitchener-Wilmot Hydro Inc.	C&I	EE	2012	2012 Results Persistence	Current year savings	0	812	797	776	716	712	639	625	625	601	419	414	414	235	154	154	59	27	27	27	27	0	0	0
LDC	Business	Energy Audit	Kitchener-Wilmot Hydro Inc.	C&I	EE	2012	2012 Results Persistence	Current year savings	0	21	21	21	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Business	High Performance New Construction	Kitchener-Wilmot Hydro Inc.	C&I	EE	2012	2012 Results Persistence	Current year savings	0	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	0	0	0	0	0	0	0	0
LDC	Consumer	Appliance Exchange	Kitchener-Wilmot Hydro Inc.	Residential	EE	2012	2012 Results Persistence	Current year savings	0	8	8	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Consumer	Appliance Retirement	Kitchener-Wilmot Hydro Inc.	Residential	EE	2012	2012 Results Persistence	Current year savings	0	20	20	20	19	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Consumer	Bi-Annual Retailer Event	Kitchener-Wilmot Hydro Inc.	Residential	EE	2012	2012 Results Persistence	Current year savings	0	24	24	24	24	22	19	14	14	14	9	4	4	4	3	3	3	1	1	1	1	0	0	0
LDC	Consumer	Conservation Instant Coupon Booklet	Kitchener-Wilmot Hydro Inc.	Residential	EE	2012	2012 Results Persistence	Current year savings	0	4	4	4	4	4	4	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Consumer	HVAC Incentives	Kitchener-Wilmot Hydro Inc.	Residential	EE	2012	2012 Results Persistence	Current year savings	0	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	320	0	0	0	0
LDC	Home Assistan	Home Assistance Program	Kitchener-Wilmot Hydro Inc.	Residential	EE	2012	2012 Results Persistence	Current year savings	0	14	12	12	12	12	12	11	11	7	6	6	6	3	3	1	0	0	0	0	0	0	0	0
LDC	Industrial	Demand Response 3	Kitchener-Wilmot Hydro Inc.	Industrial	DR	2012	2012 Results Persistence	Current year savings	0	1,275	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Pre-2011 Prog	High Performance New Construction	Kitchener-Wilmot Hydro Inc.	C&I	EE	2012	2012 Results Persistence	Current year savings	0	71	71	71	71	71	71	71	71	71	71	71	71	0	0	0	0	0	0	0	0	0	0	0
LDC	Business	Demand Response 3 (part of the Industrial prog	Kitchener-Wilmot Hydro Inc.	C&I	DR	2012	2012 Results Persistence	Current year savings	0	580	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Industrial	Demand Response 3	Kitchener-Wilmot Hydro Inc.	Industrial	DR	2012	2012 Results Persistence	Current year savings	0	4,255	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-LDC	Business	Demand Response 3	Kitchener-Wilmot Hydro Inc.	Business	DR	2012	2012 Results Persistence	Current year savings	0	227	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-LDC	Business	Energy Audit Funding	Kitchener-Wilmot Hydro Inc.	Commercial & Institutional	EE	2012	2013 Results Persistence	Current year savings	0	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-LDC	Business	Retrofit	Kitchener-Wilmot Hydro Inc.	Commercial & Institutional	EE	2012	2013 Results Persistence	Adjustment	0	56	56	56	56	56	51	49	49	49	41	23	23	19	19	19	15	5	5	5	5	0	0	0
Non-LDC	Consumer	HVAC	Kitchener-Wilmot Hydro Inc.	Residential	EE	2012	2013 Results Persistence	Adjustment	0	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	0	0	0
Non-LDC	Consumer	HVAC	Kitchener-Wilmot Hydro Inc.	Residential	EE	2012	2013 Results Persistence	Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-LDC	Business	Energy Audit	Kitchener-Wilmot Hydro Inc.	Commercial	EE	2012	2014 Results Persistence	Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-LDC	Business	Energy Audit	Kitchener-Wilmot Hydro Inc.	Commercial	EE	2012	2014 Results Persistence	Adjustment	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-LDC	Business	Retrofit	Kitchener-Wilmot Hydro Inc.	Commercial	EE	2012	2014 Results Persistence	Adjustment	0	42	42	42	42	42	42	42	42	42	42	42	42	11	11	11	8	0	0	0	0	0	0	0
LDC	Home Assistan	Home Assistance Program	Kitchener-Wilmot Hydro Inc.	Residential	EE	2012	2014 Results Persistence	Adjustment	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0
LDC	Consumer	HVAC Incentives	Kitchener-Wilmot Hydro Inc.	Residential	EE	2012	2014 Results Persistence	Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

LDC	Industrial	Energy Managers	Kitchener-Wilmot Hydro Inc.	Industrial	EE	2012	2014 Results Persistence	Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Business	Energy Audit Funding	Kitchener-Wilmot Hydro Inc.	Commercial & Institutional	EE	2013	2013 Results Persistence	Current year savings	0	0	35	35	35	35	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Business	DR-3	Kitchener-Wilmot Hydro Inc.	Commercial & Institutional	DR	2013	2013 Results Persistence	Current year savings	0	0	513	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Business	New Construction	Kitchener-Wilmot Hydro Inc.	Commercial & Institutional	EE	2013	2013 Results Persistence	Current year savings	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0
LDC	Business	peaksaverPLUS	Kitchener-Wilmot Hydro Inc.	Commercial & Institutional	DR	2013	2013 Results Persistence	Current year savings	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Business	peaksaverPLUS (IHD)	Kitchener-Wilmot Hydro Inc.	Commercial & Institutional	DR	2013	2013 Results Persistence	Current year savings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Business	Retrofit	Kitchener-Wilmot Hydro Inc.	Commercial & Institutional	EE	2013	2013 Results Persistence	Current year savings	0	0	1,008	1,003	1,003	996	942	927	927	927	893	790	666	664	349	318	318	278	96	93	93	93	0	0
LDC	Business	Small Business Lighting	Kitchener-Wilmot Hydro Inc.	Commercial & Institutional	EE	2013	2013 Results Persistence	Current year savings	0	0	110	110	106	96	40	40	40	40	40	40	38	30	0	0	0	0	0	0	0	0	0	0
LDC	Consumer	Annual Coupons	Kitchener-Wilmot Hydro Inc.	Residential	EE	2013	2013 Results Persistence	Current year savings	0	0	8	8	8	7	7	7	7	7	5	5	4	4	4	4	4	4	4	2	2	2	0	0
LDC	Consumer	Appliance Exchange	Kitchener-Wilmot Hydro Inc.	Residential	EE	2013	2013 Results Persistence	Current year savings	0	0	18	18	18	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Consumer	Appliance Retirement	Kitchener-Wilmot Hydro Inc.	Residential	EE	2013	2013 Results Persistence	Current year savings	0	0	12	12	12	12	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Consumer	Bi-Annual Retailer Events	Kitchener-Wilmot Hydro Inc.	Residential	EE	2013	2013 Results Persistence	Current year savings	0	0	19	19	18	15	15	15	15	15	13	13	9	6	6	6	6	6	5	3	3	3	0	0
LDC	Consumer	Home Assistance Program	Kitchener-Wilmot Hydro Inc.	Residential	EE	2013	2013 Results Persistence	Current year savings	0	0	44	44	44	41	40	39	38	38	28	28	26	26	24	24	22	20	20	20	20	20	1	0
LDC	Consumer	HVAC	Kitchener-Wilmot Hydro Inc.	Residential	EE	2013	2013 Results Persistence	Current year savings	0	0	393	393	393	393	393	393	393	393	393	393	393	393	393	393	393	393	393	393	313	0	0	0
LDC	Consumer	peaksaverPLUS	Kitchener-Wilmot Hydro Inc.	Residential	DR	2013	2013 Results Persistence	Current year savings	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Consumer	peaksaverPLUS (IHD)	Kitchener-Wilmot Hydro Inc.	Residential	DR	2013	2013 Results Persistence	Current year savings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Industrial	DR-3	Kitchener-Wilmot Hydro Inc.	Industrial	DR	2013	2013 Results Persistence	Current year savings	0	0	6,242	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Other	Program Enabled Savings	Kitchener-Wilmot Hydro Inc.	Other	EE	2013	2013 Results Persistence	Current year savings	0	0	146	146	34	34	34	34	34	34	34	34	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Business	DR-3	Kitchener-Wilmot Hydro Inc.	Commercial & Institutional	DR	2013	2013 Results Persistence	Current year savings	0	0	186	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Industrial	DR-3	Kitchener-Wilmot Hydro Inc.	Industrial	DR	2013	2013 Results Persistence	Current year savings	0	0	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Consumer	Appliance Retirement	Kitchener-Wilmot Hydro Inc.	Residential	EE	2013	2013 Results Persistence	Current year savings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Business	Energy Audit	Kitchener-Wilmot Hydro Inc.	Commercial	EE	2013	2014 Results Persistence	Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Business	Energy Audit	Kitchener-Wilmot Hydro Inc.	Commercial	EE	2013	2014 Results Persistence	Adjustment	0	0	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Business	High Performance New Construction	Kitchener-Wilmot Hydro Inc.	Commercial	EE	2013	2014 Results Persistence	Adjustment	0	0	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	1	1	0	0	0	0	0
LDC	Business	Retrofit	Kitchener-Wilmot Hydro Inc.	Commercial	EE	2013	2014 Results Persistence	Adjustment	0	0	187	165	165	165	162	160	160	160	150	140	127	127	103	36	36	30	3	3	3	3	0	0
LDC	Consumer	Conservation Instant Coupon Booklet	Kitchener-Wilmot Hydro Inc.	Residential	EE	2013	2014 Results Persistence	Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC	Home Assista	Home Assistance Program	Kitchener-Wilmot Hydro Inc.	Residential	EE	2013	2014 Results Persistence	Adjustment	0	0	4	4	4	4	4	4	4	4	4	4	3	3	3	3	2	2	2	2	2	2	0	0
LDC	Consumer	HVAC Incentives	Kitchener-Wilmot Hydro Inc.	Residential	DR	2013	2014 Results Persistence	Adjustment	0	0	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	15	0	0	0
LDC	Business	Commercial Demand Response	Kitchener-Wilmot Hydro Inc.	Commercial	DR	2013	2014 Results Persistence	Adjustment	0	0	0	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
non-Tier 1	Consumer	Residential Demand Response	Kitchener-Wilmot Hydro Inc.	Residential	DR	2013	2014 Results Persistence	Adjustment	0	0	0	216	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
non-Tier 1	Industrial	Energy Managers	Kitchener-Wilmot Hydro Inc.	Industrial	EE	2013	2014 Results Persistence	Adjustment	0	0	46	46	46	46	46	46	46	46	46	46	0	0	0	0	0	0	0	0	0	0	0	0
non-Tier 1	Business	Direct Install Lighting	Kitchener-Wilmot Hydro Inc.	Commercial	EE	2014	2014 Results Persistence	Current year savings	0	0	0	108	103	97	60	60	60	60	60	60	60	28	0	0	0	0	0	0	0	0	0	0
non-Tier 1	Business	Energy Audit	Kitchener-Wilmot Hydro Inc.	Commercial	EE	2014	2014 Results Persistence	Current year savings	0	0	0	147	147	147	147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
non-Tier 1	Business	High Performance New Construction	Kitchener-Wilmot Hydro Inc.	Commercial	EE	2014	2014 Results Persistence	Current year savings	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0
non-Tier 1	Business	Retrofit	Kitchener-Wilmot Hydro Inc.	Commercial	EE	2014	2014 Results Persistence	Current year savings	0	0	0	823	820	820	810	810	810	778	778	758	625	490	490	358	341	341	267	117	117	117	117	0
non-Tier 1	Consumer	Appliance Exchange	Kitchener-Wilmot Hydro Inc.	Residential	EE	2014	2014 Results Persistence	Current year savings	0	0	0	35	35	35	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
non-Tier 1	Consumer	Appliance Retirement	Kitchener-Wilmot Hydro Inc.	Residential	EE	2014	2014 Results Persistence	Current year savings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Consumer	Appliance Retirement	Kitchener-Wilmot Hydro Inc.	Residential	EE	2014	2014 Results Persistence	Current year savings	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Consumer	Appliance Retirement	Kitchener-Wilmot Hydro Inc.	Residential	EE	2014	2014 Results Persistence	Current year savings	0	0	0	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Consumer	Appliance Retirement	Kitchener-Wilmot Hydro Inc.	Residential	EE	2014	2014 Results Persistence	Current year savings	0	0	0	7	7	7	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Consumer	Bi-Annual Retailer Event	Kitchener-Wilmot Hydro Inc.	Residential	EE	2014	2014 Results Persistence	Current year savings	0	0	0	131	115	106	106	106	106	106	106	106	99	90	76	76	76	76	76	61	61	61	61	0
Tier 1	Consumer	Conservation Instant Coupon Booklet	Kitchener-Wilmot Hydro Inc.	Residential	EE	2014	2014 Results Persistence	Current year savings	0	0	0	36	34	33	33	33	33	33	33	33	29	22	20	20	20	20	20	9	9	9	9	0
Tier 1	Home Assista	Home Assistance Program	Kitchener-Wilmot Hydro Inc.	Residential	EE	2014	2014 Results Persistence	Current year savings	0	0	0	37	37	34	33	31	31	31	31	21	21	21	21	20	20	17	17	17	17	17	17	1
Tier 1	Consumer	HVAC Incentives	Kitchener-Wilmot Hydro Inc.	Residential	EE	2014	2014 Results Persistence	Current year savings	0	0	0	548	548	548	548	548	548	548	548	548	548	548	548	548	548	548	548	548	548	493	0	0
Tier 1	Consumer	Residential New Construction	Kitchener-Wilmot Hydro Inc.	Residential	EE	2014	2014 Results Persistence	Current year savings	0	0	0	16	16	16	16	16	16	16	16	16	16	16	16	15	14	14	14	14	14	3	3	0
Tier 1	Other	LDC Pilots	Kitchener-Wilmot Hydro Inc.	Commercial	EE	2014	2014 Results Persistence	Current year savings	0	0	0	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Other	Time-of-Use Savings	Kitchener-Wilmot Hydro Inc.	Other	DR	2014	2014 Results Persistence	Current year savings	0	0	0	888	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Business	Demand Response 3	Kitchener-Wilmot Hydro Inc.	Commercial	DR	2014	2014 Results Persistence	Current year savings	0	0	0	186	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Industrial	Demand Response 3	Kitchener-Wilmot Hydro Inc.	Industrial	DR	2014	2014 Results Persistence	Current year savings	0	0	0	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Business	Demand Response 3	Kitchener-Wilmot Hydro Inc.	Commercial	DR	2014	2014 Results Persistence	Current year savings	0	0	0	449	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Business	Commercial Demand Response	Kitchener-Wilmot Hydro Inc.	Commercial	DR	2014	2014 Results Persistence	Current year savings	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Consumer	Residential Demand Response	Kitchener-Wilmot Hydro Inc.	Residential	DR	2014	2014 Results Persistence	Current year savings	0	0	0	273	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Industrial	Demand Response 3	Kitchener-Wilmot Hydro Inc.	Industrial	DR	2014	2014 Results Persistence	Current year savings	0	0	0	5,273	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Industrial	Energy Managers	Kitchener-Wilmot Hydro Inc.	Industrial	EE	2014	2014 Results Persistence	Current year savings	0	0	0	124	124	124	124	124	124	124	124	124	105	103	103	103	103	103	103	103	103	103	103	0
		Coupon Initiative	Kitchener-Wilmot Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	56	55	55	55	55	55	55	55	55	55	48	48	48	48	48	48	18	18	18	18
		Bi-Annual Retailer Event Initiative	Kitchener-Wilmot Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	102	100	100	100	100	100	100	100	100	100	84	80	80	79	79	79	29	29	29	29
		Appliance Retirement Initiative	Kitchener-Wilmot Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	4	4	4	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		HVAC Incentives Initiative	Kitchener-Wilmot Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	540	0
		Residential New Construction and Major Renov	Kitchener-Wilmot Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	72	72	72	72	72	72	72	72	72	72	71	71	71	71	71	71	71	71	71	71
		Energy Audit Initiative	Kitchener-Wilmot Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Efficiency: Equipment Replacement Incentive I	Kitchener-Wilmot Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	2,734	2,734	2,714	2,709	2,709	2,709	2,617	2,617	2,531	2,231	1,412	1,344	1,222	1,184	1,184	899	332	332	332	332
		Direct Install Lighting and Water Heating Initiat	Kitchener-Wilmot Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	101	95	59	59	59	59	59	59	59	59	58	25	0	0	0	0	0	0	0	0
		New Construction and Major Renovation Initiat	Kitchener-Wilmot Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	70	70	70	70	70	70	70	70	70	70	70	70	70	70	58	0	0	0	0	0
		Existing Building Commissioning Incentive Initia	Kitchener-Wilmot Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Process and Systems Upgrades Initiatives - Proj	Kitchener-Wilmot Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Process and Systems Upgrades Initiatives - Ene	Kitchener-Wilmot Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	127	127	114	114	114	114	114	113	98	76	52	3	0	0	0	0	0	0	0	0
		Process and Systems Upgrades Initiatives - Mor	Kitchener-Wilmot Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Low Income Initiative	Kitchener-Wilmot Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	23	22	22	22	22	22	22	22	21	21	20	20	20	20	18	18	18	18	18	18
		Aboriginal Conservation Program	Kitchener-Wilmot Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Program Enabled Savings	Kitchener-Wilmot Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		EnerNOC Pilot Program	Kitchener-Wilmot Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Loblaw P4P Pilot Program	Kitchener-Wilmot Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	52	52	52	52	52	52	52	52	52	52	0	0	0	0	0	0	0	0	0	0
		SEG Pilot Program	Kitchener-Wilmot Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Social Benchmarking Pilot Program	Kitchener-Wilmot Hydro Inc.			2015	2015 Results Persistence	Current year savings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Coupon Initiative	Kitchener-Wilmot Hydro Inc.			2015	2016 Results Persistence	Adjustment					9	9	9	9	9	9	9	9	9	9	8	8	8	8	8	8	4	4	4	4
		Bi-Annual Retailer Event Initiative	Kitchener-Wilmot Hydro Inc.			2015	2016 Results Persistence	Adjustment					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0
		HVAC Incentives Initiative	Kitchener-Wilmot Hydro Inc.			2015	2016 Results Persistence	Adjustment					14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	13	0
		Residential New Construction and Major Renov	Kitchener-Wilmot Hydro Inc.			2015	2016 Results Persistence	Adjustment					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		Energy Audit Initiative	Kitchener-Wilmot Hydro Inc.			2015	2016 Results Persistence	Adjustment					243	243	243	243	277	277	277	277	277	277	277	277	277	194	0	0	0	0	0	0
		Efficiency: Equipment Replacement Incentive I	Kitchener-Wilmot Hydro Inc.			2015	2016 Results Persistence	Adjustment					153	153	153	153	153	153	148	148	113	93	55	28	24	24	24	22	15	15	15	15
		Save on Energy Retrofit Program	Kitchener-Wilmot Hydro Inc.			2015	2016 Results Persistence	Adjustment					60	60	60	60	60	60	56	56	56	41	7	7	0	0	0	0	0	0	0	0
		Save on Energy Coupon Program	Kitchener-Wilmot Hydro Inc.			2016	2016 Results Persistence	Current year savings					0	415	415	415	415	415	415	415	415	415	413	399	399	399	399	346	346	149	0	0
		Save on Energy Heating & Cooling Program	Kitchener-Wilmot Hydro Inc.			2016	2016 Results Persistence	Current year savings					0	638	638	638	638	638	638	638	638	638	638	638	638	638	638	638	638	638	638	585
		Save on Energy Retrofit Program	Kitchener-Wilmot Hydro Inc.			2016	2016 Results Persistence	Current year savings					0	820	798	798	798	798	798	798	798	795	795	792	621	347	347	190	9	9	9	9
		Home Depot Home Appliance Market Uplift Co	Kitchener-Wilmot Hydro Inc.			2016	2016 Results Persistence	Current year savings																								
		Save on Energy Coupon Program	Kitchener-Wilmot Hydro Inc.			2016	2017 Results Persistence	Adjustment					0	45	45	45	45	45	45	45	45	45	45	46	46	46	46	40	40	16	0	0

		Save on Energy Heating & Cooling Program	Kitchener-Wilmot Hydro Inc.			2016	2017 Results Persistence	Adjustment	0	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6
		Save on Energy New Construction Program	Kitchener-Wilmot Hydro Inc.			2016	2017 Results Persistence	Adjustment	0	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	1	0	0	0
		Save on Energy Retrofit Program	Kitchener-Wilmot Hydro Inc.			2016	2017 Results Persistence	Adjustment	0	1,656	1,678	1,991	1,991	1,991	1,982	1,982	1,982	1,981	1,981	1,972	351	63	63	13	0	0	0	0
		Save on Energy Energy Manager Program	Kitchener-Wilmot Hydro Inc.			2016	2017 Results Persistence	Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Small & Medium Business Energy Managemen	Kitchener-Wilmot Hydro Inc.			2016	2017 Results Persistence	Adjustment	0	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0
		Save on Energy Retrofit Program	Kitchener-Wilmot Hydro Inc.			2015	2017 Results Persistence	Adjustment	0	0	0	0	0	0	5	5	5	3	0	0	0	0	0	0	0	0	0	0	0
		Efficiency: Equipment Replacement Incentive (	Kitchener-Wilmot Hydro Inc.			2015	2017 Results Persistence	Adjustment	306	306	326	333	333	333	429	429	491	440	288	248	188	164	164	143	101	101	101	101	101
		Direct Install Lighting and Water Heating Initiat	Kitchener-Wilmot Hydro Inc.			2015	2017 Results Persistence	Adjustment	-38	-31	5	7	7	7	7	7	7	7	7	7	0	0	0	0	0	0	0	0	0
	Residential	Save on Energy Coupon Program	Kitchener-Wilmot Hydro Inc.		CCF	2017	2017 Results Persistence	Current year savings			533	432	432	432	432	432	432	432	432	431	407	407	407	407	344	344	45	0
	Residential	Save on Energy Instant Discount Program	Kitchener-Wilmot Hydro Inc.			2017	2017 Results Persistence	Current year savings			458	334	334	334	334	334	334	334	334	334	316	316	316	268	268	208	165	0
	Residential	Save on Energy Heating & Cooling Program	Kitchener-Wilmot Hydro Inc.			2017	2017 Results Persistence	Current year savings			450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450
	Residential	Save on Energy New Construction Program	Kitchener-Wilmot Hydro Inc.			2017	2017 Results Persistence	Current year savings			14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	2	1	0
	Residential	Save on Energy Home Assistance Program	Kitchener-Wilmot Hydro Inc.			2017	2017 Results Persistence	Current year savings			3	3	3	3	3	3	3	3	3	3	1	1	0	0	0	0	0	0
	Business	Save on Energy Retrofit Program	Kitchener-Wilmot Hydro Inc.			2017	2017 Results Persistence	Current year savings			3,304	3,344	3,344	3,344	3,344	3,244	3,244	3,244	3,243	3,243	3,139	2,983	1,224	952	112	0	0	0
	Business	Save on Energy Small Business Lighting Program	Kitchener-Wilmot Hydro Inc.			2017	2017 Results Persistence	Current year savings			2	2	2	2	2	2	1	1	1	1	0	0	0	0	0	0	0	0
	Business	Save on Energy High Performance New Constru	Kitchener-Wilmot Hydro Inc.			2017	2017 Results Persistence	Current year savings			25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	23	21	7
	Business	Save on Energy Process & Systems Upgrades Pr	Kitchener-Wilmot Hydro Inc.			2017	2017 Results Persistence	Current year savings			336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336
	Business	Save on Energy Energy Manager Program	Kitchener-Wilmot Hydro Inc.			2017	2017 Results Persistence	Current year savings			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	LDC Innovatio	Small & Medium Business Energy Managemen	Kitchener-Wilmot Hydro Inc.			2017	2017 Results Persistence	Current year savings			45	45	45	45	45	45	45	45	45	45	0	0	0	0	0	0	0	0
	Centrally Deliv	Save on Energy Energy Performance Program f	Kitchener-Wilmot Hydro Inc.			2017	2017 Results Persistence	Current year savings			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Centrally Deliv	Whole Home Pilot Program	Kitchener-Wilmot Hydro Inc.			2017	2017 Results Persistence	Current year savings			12	12	12	12	12	11	11	11	11	11	11	11	11	11	11	11	11	11
	Residential	Save on Energy Heating & Cooling Program	Kitchener-Wilmot Hydro Inc.			2017	2018 Results Persistence	Adjustment																				
	Residential	Save on Energy Coupon Program	Kitchener-Wilmot Hydro Inc.			2017	2018 Results Persistence	Adjustment																				
	Business	Save on Energy Retrofit Program	Kitchener-Wilmot Hydro Inc.			2017	2018 Results Persistence	Adjustment																				
	Business	Save on Energy High Performance New Constru	Kitchener-Wilmot Hydro Inc.			2017	2018 Results Persistence	Adjustment																				
	Business	Save on Energy Process & Systems Upgrades Pr	Kitchener-Wilmot Hydro Inc.			2017	2018 Results Persistence	Adjustment																				
	Residential	Save on Energy Instant Discount Program	Kitchener-Wilmot Hydro Inc.			2018	2018 Results Persistence	Current year savings																				
	Residential	Save on Energy Heating & Cooling Program	Kitchener-Wilmot Hydro Inc.			2018	2018 Results Persistence	Current year savings																				
	Residential	Save on Energy New Construction Program	Kitchener-Wilmot Hydro Inc.			2018	2018 Results Persistence	Current year savings																				
	Business	Save on Energy Retrofit Program	Kitchener-Wilmot Hydro Inc.			2018	2018 Results Persistence	Current year savings																				
	Business	Save on Energy Small Business Lighting Program	Kitchener-Wilmot Hydro Inc.			2018	2018 Results Persistence	Current year savings																				
	Non-Resident	Save on Energy Business Refrigeration Program	Kitchener-Wilmot Hydro Inc.			2018	2018 Results Persistence	Current year savings																				
	Business	Save on Energy High Performance New Constru	Kitchener-Wilmot Hydro Inc.			2018	2018 Results Persistence	Current year Savings																				
	Local LDC Pro	Swimming Pool Efficiency Program	Kitchener-Wilmot Hydro Inc.			2018	2018 Results Persistence	Current year Savings																				
	Business	Save on Energy Retrofit Program - remove Stre	Kitchener-Wilmot Hydro Inc.			2017	2017 Results Persistence	Adjustment																				
	Business	Save on Energy Retrofit Program	Kitchener-Wilmot Hydro Inc.			2019	2019 Results Persistence	Current year savings					1,093	1,093	1,087	1,087	1,087											
	Business	Save on Energy Small Business Lighting Program	Kitchener-Wilmot Hydro Inc.			2019	2019 Results Persistence	Current year savings					192	169	124	123	123											
	Business	Save on Energy Audit Funding Program	Kitchener-Wilmot Hydro Inc.			2019	2019 Results Persistence	Current year savings					168	168	168	168	168											
	Business	Save on Energy Business Refrigeration Program	Kitchener-Wilmot Hydro Inc.			2019	2019 Results Persistence	Current year savings					6	4	4	4	4											
	Business	Save on Energy Retrofit Program	Kitchener-Wilmot Hydro Inc.			2017	2019 Results Persistence	Adjustment			293	292	292	292	292													
	Business	Save on Energy Retrofit Program	Kitchener-Wilmot Hydro Inc.			2018	2019 Results Persistence	Adjustment				819	819	815	815	815												

#1

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

2035	2036	2037	2038	2039	2040	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
0	0	0	0	0	0	0	0	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	272	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	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	372	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1,703	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	392	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1,978	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	8,561	8,561	8,561	4,637	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	262,506	262,506	262,506	261,595	186,727	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	479,313	479,313	479,313	479,313	438,057	392,986	296,286	295,206	381,532	122,430	44,083	38,805	38,805	28,659	28,659	26,040	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	305,679	305,679	305,679	305,679	281,154	254,360	198,790	197,510	248,829	94,800	30,741	24,939	24,939	23,002	23,002	22,358	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1,178,372	1,178,372	1,178,372	1,178,372	1,178,372	1,178,372	1,178,372	1,178,372	1,178,372	1,178,372	1,178,372	1,178,372	1,178,372	1,178,372	1,178,372	1,178,372	1,178,372	1,178,372	1,069,934	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	17,768	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	631,336	629,043	618,493	494,725	494,725	494,725	176,545	171,912	171,912	171,912	144,911	144,911	8,821	8,821	8,821	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	3,057,370	3,057,370	3,057,370	3,007,414	2,537,281	2,403,939	2,266,613	2,266,613	2,049,286	2,049,286	2,019,608	2,019,608	309,384	84,424	64,997	50,433	50,433	50,433	50,433	50,433	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	85,285	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	271,185	271,185	271,185	271,185	271,185	271,185	260,331	260,331	246,569	246,569	246,569	246,569	17,498	17,498	3,372	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	6,580,023	6,580,023	6,580,023	6,580,023	6,580,023	6,580,023	6,580,023	6,580,023	6,580,023	6,580,023	6,580,023	6,580,023	6,580,023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	0	0	0	0	5,230	5,230	5,230	5,230	5,230	5,230	5,230	5,230	5,230	5,230	5,230	5,230	5,230	5,230	5,230	5,230	5,230	5,230	5,230	5,230	5,230	5,230	5,230	5,230	5,230	5,230	0	0	0	0
0	0	0	0	0	0	290,598	290,598	290,598	290,598	290,598	290,598	265,622	265,622	261,285	261,285	256,819	256,819	7,533	7,533	7,533	7,533	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	16,168	16,168	16,168	7,981	7,981	7,981	2,265	2,265	2,265	2,265	2,265	2,265	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	50,353	50,353	50,353	50,353	50,353	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	7,794	7,794	7,794	7,794	7,794	7,794	7,794	7,794	7,794	7,794	7,794	7,794	7,794	7,794	7,794	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	141,576	141,576	141,576	141,576	141,576	141,576	141,576	141,576	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	-193,765	-193,765	-193,765	-193,765	-193,765	-193,765	-193,765	-193,765	-193,765	-193,765	-193,765	-193,765	-193,765	-193,765	-193,765	-193,765	-193,765	-193,765	-172,768	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	35,611	35,611	35,611	35,611	35,611	32,361	17,471	17,468	17,468	3,853	3,237	2,973	2,973	2,467	2,467	2,464	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	4,496	4,496	4,496	4,496	4,496	4,108	2,520	2,517	2,517	891	403	293	293	263	263	260	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	435	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	2,444	2,444	2,444	2,444	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	624,605	624,605	618,605	525,579	525,579	241,679	241,679	240,634	240,634	240,634	223,513	223,513	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	3,955,522	3,906,020	3,836,714	3,642,048	3,625,020	3,383,172	3,285,012	3,285,012	3,186,258	2,174,227	2,045,413	1,951,596	940,956	675,816	675,816	219,627	88,281	88,281	88,281	88,281	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	100,705	100,705	100,705	100,705	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	51,506	51,506	51,506	51,506	51,506	51,506	51,506	51,506	51,506	51,506	51,506	51,506	51,506	51,506	51,506	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	14,106	14,106	14,106	13,999	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	134,960	134,960	134,960	134,652	76,502	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	436,812	436,812	436,812	436,812	392,666	319,294	217,791	217,338	217,338	110,391	81,925	79,379	79,379	73,837	73,837	72,827	20,434	20,434	20,434	20,434	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	22,805	22,805	22,805	22,805	22,462	22,462	10,577	10,519	10,519	10,519	1,708	1,376	1,376	1,182	1,182	1,139	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	689,786	689,786	689,786	689,786	689,786	689,786	689,786	689,786	689,786	689,786	689,786	689,786	689,786	689,786	689,786	689,786	689,786	689,786	617,047	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	171,520	171,520	171,520	139,356	137,494	137,494	128,901	126,162	40,090	39,538	32,264	32,264	24,045	24,045	5,145	3,165	3,165	3,165	3,165	3,165	3,165	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	30,717	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	19,804	19,804	19,804	19,804	19,804	19,804	19,804	19,804	19,804	19,804	19,804	19,804	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	8,426	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	102,545	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	3,306	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	25,176	25,176	25,176	25,176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	273,423	273,423	273,423	273,423	273,423	254,850	248,837	248,837	241,169	202,320	115,781	104,426	87,731	87,731	87,731	63,885	3,907	3,855	3,855	3,855	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	14,970	14,970	14,970	14,970	14,970	14,970	14,970	14,970	14,970	14,970	14,970	14,970	14,970	14,970	14,970	14,970	14,970	14,970	14,347	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	126	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	854	854	854	854	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	3,416	3,416	3,416	3,416	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	256,683	256,683	256,683	256,683	256,683	256,683	256,683	256,683	256,683	256,683	256,683	256,683	79,667	79,667	79,667	58,086	1,076	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	6,756	6,756	6,756	6,756	6,756	6,490	6,356	6,223	6,223	6,223	5,196	5,196	3,545	3,545	2,396	2,396	2,396	2,396	2,396	2,396	2,396	2,396	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	551	551	551	551	551	551	551	551	551	551	551	551	551	551	551	551	551	551	551	0	0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	193,803	193,803	193,803	193,803	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	7,326	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	10,486	10,486	10,486	10,486	10,486	10,486	10,486	10,486	10,486	10,486	10,486	10,486	10,486	10,486	10,486	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	5,331,291	5,317,287	5,317,287	5,294,306	5,125,718	5,052,531	5,052,531	5,043,145	4,927,106	4,412,808	3,682,629	3,604,801	1,719,538	1,624,001	1,624,001	1,349,985	188,597	179,985	179,985	179,985	0	0	0	0	0	0
0	0	0	0	0	0	0	0	386,913	386,913	373,205	333,368	147,506	147,506	147,506	147,506	147,506	147,506	127,545	99,697	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	125,711	125,711	120,867	102,399	102,399	102,399	102,399	102,314	74,399	74,399	67,647	66,684	66,684	66,410	66,410	66,354	64,303	37,745	37,745	37,745	0	0	0	0	0	0
0	0	0	0	0	0	0	0	32,141	32,141	32,141	32,141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	77,117	77,117	77,117	76,912	43,769	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	280,205	280,205	263,322	205,705	205,705	205,705	205,705	205,462	172,782	172,782	150,348	96,659	96,659	91,558	91,558	90,903	78,465	46,057	46,057	46,057	0	0	0	0	0	0
0	0	0	0	0	0	0	0	412,584	409,733	409,221	362,058	338,317	315,804	302,895	301,450	112,987	112,725	93,546	93,546	88,183	88,183	68,658	58,862	58,862	58,862	58,862	58,862	10,733	0	0	0	0	0
0	0	0	0	0	0	0	0	679,618	679,618	679,618	679,618	679,618	679,618	679,618	679,618	679,618	679,618	679,618	679,618	679,618	679,618	679,618	679,618	679,618	679,618	607,557	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	165,702	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	911,587	911,587	16,387	16,387	16,387	16,387	16,387	16,387	16,387	16,387	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	-7,281	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	3,047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	100	100	100	100	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	129	129	129	129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	48,483	48,483	48,483	48,483	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	107,576	107,576	107,576	107,576	107,576	107,576	107,576	107,576	107,576	107,576	107,576	107,576	107,576	107,576	107,576	10,486	10,486	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	918,178	829,307	829,307	829,307	816,589	807,486	807,486	805,877	768,683	714,064	627,430	614,093	460,341	182,695	182,695	149,455	11,693	11,399	11,399	11,399	0	0	0	0	0	0
0	0	0	0	0	0	0	0	385	385	366	316	316	316	316	316	265	265	252	252	252	252	252	252	133	133	133	133	0	0	0	0	0	0
0	0	0	0	0	0	0	0	26,288	26,159	26,148	24,305	23,431	22,556	22,162	22,101	14,806	14,806	11,537	11,537	10,017	10,017	7,992	5,256	5,256	5,256	5,256	5,256	0	0	0	0	0	0
0	0	0	0	0	0	0	0	31,728	31,728	31,728	31,728	31,728	31,728	31,728	31,728	31,728	31,728	31,728	31,728	31,728	31,728	31,728	31,728	31,728	31,728	29,101	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	413,308	413,308	413,308	402,840	402,840	402,840	402,840	402,840	402,840	402,840	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	384,744	368,911	344,505	220,408	220,408	220,408	220,408	220,408	220,408	220,408	214,875	93,421	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	718,009	718,009	718,009	718,009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	9,538	9,538	9,538	9,538	9,538	9,538	9,538	9,538	9,538	9,538	9,538	9,538	9,538	9,538	9,538	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	4,440,674	4,431,659	4,431,659	4,395,311	4,395,311	4,395,311	4,180,741	4,180,741	4,047,747	3,121,142	2,132,991	2,071,274	1,174,946	1,117,469	1,117,469	864,586	165,504	165,504	165,504	165,504	0	0	0	0	0
0	0	0	0	0	0	0	0	0	61,696	61,696	61,696	61,696	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	209	209	209	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	947	947	947	947	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	35,328	35,328	35,328	35,328	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	47,418	47,418	47,418	47,418	47,418	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	2,004,558	1,738,933	1,600,504	1,600,504	1,600,504	1,600,504	1,600,504	1,599,810	1,599,810	1,487,912	1,446,534	1,223,201	1,223,201	1,205,685	1,205,685	1,203,981	978,757	978,757	978,757	978,757	0	0	0	0	0
0	0	0	0	0	0	0	0	0	490,141	458,027	442,310	442,310	442,310	442,310	442,310	441,508	441,508	382,083	354,202	326,485	326,485	320,295	320,295	319,914	144,250	144,250	144,250	144,250	0	0	0	0	0
0	0	0	0	0	0	0	0	0	374,684	374,564	323,780	298,870	273,672	273,672	268,639	268,379	77,020	76,825	74,184	74,184	71,330	71,330	49,840	44,678	44,678	44,678	44,678	44,678	4,431	0	0	0	0
0	0	0	0	0	0	0	0	0	1,013,053	1,013,053	1,013,053	1,013,053	1,013,053	1,013,053	1,013,053	1,013,053	1,013,053	1,013,053	1,013,053	1,013,053	1,013,053	1,013,053	1,013,053	1,013,053	1,013,053	1,013,053	964,695	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	106,463	106,463	106,463	106,463	106,463	106,463	106,463	106,463	106,463	106,463	105,639	105,639	87,826	70,013	70,013	70,013	70,013	70,013	51,655	51,655	0	0	0	0	0
0	0	0	0	0	0	0	0	0	216,677	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	358,215	358,215	358,215	358,215	356,055	356,055	356,055	356,055	356,055	356,055	300,992	289,274	289,274	289,274	289,274	289,274	289,274	289,274	289,274	289,274	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	850,456	842,572	842,572	842,572	842,572	842,572	842,572	842,397	842,397	842,397	776,151	773,446	773,446	770,878	770,878	770,559	285,596	285,596	285,596	285,596	0	0	0	0
0	0	0	0	0	0	0	0	0	0	1,505,067	1,478,319	1,478,319	1,478,319	1,478,319	1,478,319	1,478,319	1,477,545	1,477,545	1,477,545	1,362,508	1,292,353	1,292,353	1,264,556	1,264,556	1,261,607	467,379	467,379	467,379	467,379	0	0	0	0
0	0	0	0	0	0	0	0	0	0	23,118	23,118	23,118	23,014	10,988	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	1,135,517	1,135,517	1,135,517	1,135,517	1,135,517	1,135,517	1,135,517	1,135,517	1,135,517	1,135,517	1,135,517	1,135,517	1,135,517	1,135,517	1,135,517	1,135,517	1,135,517	1,135,517	1,085,648	0	0	0	0	0
55	55	55	0	0	0	0	0	0	0	388,014	388,014	388,014	388,014	388,014	388,014	388,014	388,014	388,014	388,014	385,843	385,843	385,843	385,843	385,843	385,843	385,843	385,843	385,843	385,843	134,528	134,528	134,528	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	16,475,231	16,475,231	16,411,608	16,394,148	16,394,148	16,393,329	15,764,945	15,764,945	15,410,834	13,288,474	7,591,035	7,074,150	5,483,369	5,362,828	5,362,828	3,920,252	900,678	900,678	900,678	900,678	0	0	0	0
0	0	0	0	0	0	0	0	0	0	417,284	387,869	253,424	253,424	253,424	253,424	253,424	253,424	253,424	253,424	240,004	97,206	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	74,739	74,739	74,739	74,739	74,739	74,739	74,739	74,739	74,739	74,739	74,739	74,739	74,739	74,739	40,094	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	835,231	835,231	768,099	768,099	768,099	768,099	768,099	762,924	613,519	442,289	405,831	62,549	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	109,589	95,070	92,168	89,267	89,267	89,267	87,648	87,598	66,818	66,818	62,846	62,846	61,389	61,389	48,615	44,870	44,870	44,870	44,870	44,870	591	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	441,961	441,961	441,961	441,961	441,961	441,961	441,961	441,961	441,961	441,961	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0			139,170	137,165	137,165	137,165	137,165	137,165	137,165	137,110	137,110	137,110	133,664	133,517	133,517	133,217	133,217	132,978	69,081	69,081	69,081	69,081	0	0	0	0
0	0	0	0	0	0	0	0			15,568	15,385	15,385	15,385	15,385	15,385	15,385	15,347	15,347	15,347	13,016	12,909	12,909	12,512	12,512	12,466	5,209	5,209	5,209	5,209	0	0	0	0
0	0	0	0	0	0	0	0			27,280	27,280	27,280	27,280	27,280	27,280	27,280	27,280	27,280	27,280	27,280	27,280	27,280	27,280	27,280	27,280	27,280	27,280	26,431	0	0	0	0	0
1	1	1	0	0	0	0	0			16,409	16,409	16,409	16,409	16,409	16,409	16,409	16,409	16,409	16,409	16,386	16,386	16,386	16,386	16,386	16,386	11,372	11,372	11,372	11,372	11,084	11,084	11,084	0
0	0	0	0	0	0	0	0			1,140,998	1,140,998	1,140,998	1,140,998	1,140,998	1,140,998	1,140,998	1,140,998	1,140,998	1,140,998	1,140,998	1,140,998	1,140,998	798,698	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0			1,020,465	1,020,465	1,020,465	1,020,465	1,020,465	1,020,465	982,395	982,395	804,303	594,017	306,992	134,988	91,034	91,034	91,034	75,139	17,007	17,007	17,007	17,007	0	0	0	0
0	0	0	0	0	0	0	0			297,205	297,205	297,205	297,205	297,205	297,205	275,856	275,856	275,856	208,436	47,457	47,457												
0	0	0	0	0	0	0	0				6,390,167	6,390,167	6,390,167	6,390,167	6,390,167	6,390,167	6,390,167	6,389,208	6,389,208	6,360,739	6,283,135	6,279,394	6,279,394	6,245,658	5,408,153	5,408,153	2,379,310	0	0	0	0	0	0
0	0	0	0	0	0	0	0				2,168,096	2,168,096	2,168,096	2,168,096	2,168,096	2,168,096	2,168,096	2,168,096	2,168,096	2,168,096	2,168,096	2,168,096	2,168,096	2,168,096	2,168,096	2,168,096	2,168,096	2,168,096	2,120,269	0	0	0	0
9	0	0	0	0	0	0	0				5,736,308	5,625,068	5,625,068	5,625,068	5,625,068	5,624,198	5,624,198	5,624,198	5,600,646	5,600,646	5,557,943	4,605,681	1,933,598	1,933,598	599,432	7,557	7,557	7,557	7,557	7,557	0	0	0	0
											1,212	1,212	1,212	1,212	1,212	1,212	1,212	1,212	1,212	1,212	1,212	1,212	1,212	1,212	858	858	858	858	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	712,526	712,526	712,526	712,526	712,526	712,526	712,526	712,463	712,463	713,517	713,810	714,477	714,477	712,582	616,722	616,722	254,281	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0	0	22,419	22,419	22,419	22,419	22,419	22,419	22,419	22,419	22,419	22,419	22,419	22,419	22,419	22,419	22,419	22,419	22,419	22,419	22,005	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	55,545	55,545	55,545	55,545	55,545	55,545	55,545	55,545	55,545	55,545	55,493	55,493	55,493	55,493	55,493	24,984	8,427	5,486	5,486	5,486	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	6,527,366	6,638,606	7,405,152	7,405,152	7,405,152	7,334,430	7,334,430	7,334,430	7,317,576	7,317,576	7,213,038	2,819,624	738,475	738,475	81,259	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	1,671	1,671	1,671	1,671	1,671	835	835	835	835	835	835	835	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	13,478	13,478	13,478	13,478	13,478	13,478	13,478	13,478	13,478	13,478	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0				0	0	0	0	0	0	21,349	21,349	21,349	21,349	15,047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0				1,357,981	1,357,981	1,421,604	1,444,321	1,444,321	1,444,321	2,110,775	2,110,775	2,451,742	2,269,078	1,285,012	967,519	581,364	502,958	502,958	441,777	315,972	315,972	315,972	315,972	315,972	0	0	0	0	0	0
0	0	0	0	0	0				-148,302	-118,886	15,558	27,371	27,371	27,371	27,371	27,371	27,371	27,371	27,371	25,177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	7,711,088	6,202,137	6,202,137	6,202,137	6,202,137	6,202,137	6,202,137	6,202,077	6,202,077	6,187,940	6,065,003	6,064,074	6,064,074	6,063,633	5,125,848	5,125,848	665,804	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	6,676,070	4,834,733	4,834,733	4,834,733	4,834,733	4,834,733	4,834,733	4,834,640	4,834,640	4,834,640	4,746,620	4,738,346	4,738,346	4,000,894	4,000,894	3,098,874	2,456,082	0	0	0	0	0	0	0
397	0	0	0	0	0	0	0	0	0	0	1,537,439	1,537,439	1,537,439	1,537,439	1,537,439	1,537,439	1,537,439	1,537,439	1,537,439	1,537,439	1,537,439	1,537,439	1,537,439	1,537,439	1,537,439	1,537,439	1,537,439	1,537,439	1,472,677	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	56,486	56,486	56,486	56,486	56,486	56,486	56,486	56,486	56,486	56,486	56,442	56,442	56,442	56,442	56,442	33,920	10,993	6,730	6,730	6,730	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	9,874	9,874	9,874	9,874	9,874	9,874	9,874	9,874	9,874	9,874	6,432	6,432	5,887	5,887	5,628	5,628	5,628	5,628	5,628	5,628	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	23,630,919	23,734,708	23,734,708	23,734,708	23,734,708	23,243,403	23,243,403	23,243,403	23,066,220	23,066,220	22,590,487	22,222,911	6,195,210	5,355,904	810,186	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	5,544	5,544	5,544	5,544	5,544	5,482	4,916	4,916	3,855	3,855	1,047	929	929	929	929	929	929	929	929	929	929	929	929	929	929
0	0	0	0	0	0	0	0	0	0	0	86,200	86,200	86,200	86,200	86,200	86,200	86,200	86,200	86,200	86,200	86,200	86,200	86,200	86,200	86,200	78,262	73,810	25,057	0	0	0	0	0	0	0
336	336	0	0	0	0	0	0	0	0	0	2,835,485	2,835,485	2,835,485	2,835,485	2,835,485	2,835,485	2,835,485	2,835,485	2,835,485	2,835,485	2,835,485	2,835,485	2,835,485	2,835,485	2,835,485	2,835,485	2,835,485	2,835,485	2,835,485	2,835,485	2,835,485	0		0	0
0	0	0	0	0	0	0	0	0	0	0	653	653	653	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	247,986	247,986	247,986	247,986	247,986	247,986	247,986	247,986	247,986	247,986	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	103,685	103,685	103,685	103,685	103,685	103,685	103,685	103,685	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	1	0	0	0	0	0	0	0	0	0	114,341	114,341	114,341	114,341	112,670	110,661	110,661	110,661	110,661	110,661	110,661	110,237	110,237	110,237	110,237	109,563	109,563	109,315	105,830	3,020	176	176	0	0	
											139,897	139,897	139,897	139,897	139,897	139,897																			
											9,942	9,862	9,862	9,862	9,862	9,862																			
											1,500,275	1,500,275	1,492,774	1,492,774	1,492,774	1,492,774																			
											4,445	4,445	4,401	4,401	4,401	4,401																			
											1,134,177	1,134,177	1,134,177	1,134,177	1,134,177	1,134,177																			
												2,837,956	2,837,957	2,837,957	2,837,957	2,837,957	2,837,957																		
												1,043,958	1,043,958	1,043,958	1,043,958	1,043,958	1,043,958																		
												7,952	7,952	7,952	7,952	7,952	7,952																		
												8,990,946	8,946,485	8,946,485	8,946,485	8,946,485	8,946,485																		
												659,987	424,364	424,364	424,364	424,364	424,364																		
												531,805	531,805	531,805	531,805	531,805	531,805																		
												22,224	22,003	22,003	22,003	22,003	22,003																		
												282,000	282,000	282,000	282,000	282,000	282,000																		
											2,286,980	7,845,232	7,845,232	7,845,232																					
													4,831,931	4,831,931	4,807,772	4,807,772	4,807,772																		
													581,518	512,028	373,910	372,775	372,775																		
													301,460	301,460	301,460	301,460	301,460																		
													44,739	44,739	44,739	44,739	44,739																		
											809,760	805,711	805,711	805,711	805,711																				
												4,153,882	4,153,882	4,133,112	4,133,112	4,133,112																			

Ontario Energy Board

LRAMVA Work Form:
Documentation for Streetlighting Projects

Version 6.0 (2022)

Legend User Inputs (Green)

Instructions

Please provide documentation and/or data to substantiate program savings that were not provided in the IESO's verified results reports (i.e., streetlighting projects).

Distributors are encouraged to provide data in the following format, and complete a separate set of following tables for each project. The tables below are meant to be an example. Distributors should complete the tables based on the actual project details. Please create the necessary links to Tab 4/5 and tabulations within this LRAMVA workform to calculate the LRAMVA amounts. Alternatively, LDCs may submit a separate attachment with the project level details for billed demand by type of bulb.

Table 8-a: Kitchener-Wilmot Hydro Inc.

Net Savings after applying Net to Gross Ratio of 90%	City of Kitchener kW	Township of Wilmot kW	Region of Waterloo kW	Consolidated_Cumulative kW	kWh
First Year 2017	4,350.66	562.58	1,463.17	6,376.41	2,286,980.28
Persistence in 2018	15,161.96	1,316.61	5,396.39	21,874.96	7,845,232.42
Persistence in 2019	**15,161.96**	**1,316.61**	**5,396.39**	**21,874.96**	**7,845,232.42**
Persistence in 2020	15,161.96	1,316.61	5,396.39	21,874.96	7,845,232.42

Summary of Project #1: City of Kitchener

Month	Actual lost revenue based on kW billing: Billed amount (kW) a	Gross kW reduction b	Net to Gross Ratio c	Net kW reduction b * c
Jan-17				
Feb-17				
Mar-17				
Apr-17				
May-17				
Jun-17				
Jul-17	1,944.43			
Aug-17	1,670.45	273.98	0.90	246.58
Sep-17	1,273.36	397.10	0.90	603.97
Oct-17	854.66	418.70	0.90	980.80
Nov-17	549.09	305.57	0.90	1,255.81
Dec-17	540.55	8.54	0.90	1,263.50
Total		**1,403.89**		**4,350.66**
Persistence in 2018				15,161.96
Persistence in 2019				15,161.96
Persistence in 2020				15,161.96

Details of Project #1 (December, 2017)

Pre-conversion billing demand

Fixture type	Billing Wattage (kW) d	Quantity e	Billed amount (kW) d * e
Cobra Head	91	5,346	486.49
Cobra Head	130	7,249	942.37
Cobra Head	135	8	1.08
Cobra Head	155	4	0.62
Cobra Head	195	1	0.20
Cobra Head	196	1,283	251.47
Cobra Head	215	1	0.22
Cobra Head	225	14	3.15
Cobra Head	246	1,020	250.92
Cobra Head	305	26	7.93
Total			1,944.43

Post-conversion billing demand

Fixture type	Billing Wattage (kW) d_1	Quantity e_1	Billed amount (kW) $d_1 * e_1$
Green Cobra	35.10	10,714	376.06
Green Cobra	38.50	4,203	161.82
Green Cobra	53.40	14	0.75
Green Cobra	68.09	9	0.61
Green Cobra	78.00	3	0.23
Green Cobra	120.00	9	1.08
Total			540.55

Table 8-a: Kitchener-Wilmot Hydro Inc.

Summary of Project #2: Township of Wilmot

Month	Actual lost revenue based on kW billing Billed amount (kW) a	Gross kW reduction b	Net to Gross Ratio c	Net kW reduction b * c
Jan-17				
Feb-17				
Mar-17				
Apr-17				
May-17				
Jun-17	165.50			
Jul-17	110.38	55.12	0.90	49.60
Aug-17	74.22	36.17	0.90	82.15
Sep-17	51.42	22.80	0.90	102.67
Oct-17	44.15	7.27	0.90	109.22
Nov-17	44.15	-	0.90	109.22
Dec-17	43.59	0.56	0.90	109.72
Total		**121.91**		**562.58**
Persistence in 2018				1,316.61
Persistence in 2019				1,316.61
Persistence in 2020				1,316.61

Details of Project #2 (December, 2017)

Pre-conversion billing demand

Fixture type	Billing Wattage (kW) d	Quantity e	Billed amount (kW) d * e
Cobra Head	91	829	75.439
Cobra Head	130	536	69.68
Cobra Head	196	94	18.424
Cobra Head	215	1	0.215
Cobra Head	246	2	0.492
Cobra Head	290	1	0.29
Cobra Head	480	2	0.96
			0.00
Total			165.50

Post-conversion billing demand

Fixture type	Billing Wattage (kW) d_1	Quantity e_1	Billed amount (kW) $d_1 * e_1$
GreenCobra	29.4	1411	41.48
GreenCobra	38.5	53	2.04
GreenCobra	68.09	1	0.07
Total			43.59

Table 8-a: Kitchener-Wilmot Hydro Inc.

Summary of Project #3: Region of Waterloo

Month	Actual lost revenue based on kW billing Billed amount (kW) a	Gross kW reduction b	Net to Gross Ratio c	Net kW reduction b * c
Jan-17				
Feb-17				
Mar-17				
Apr-17				
May-17				
Jun-17	781.39			
Jul-17	755.23	26.16	0.90	23.55
Aug-17	680.09	75.14	0.90	91.17
Sep-17	596.98	83.11	0.90	165.97
Oct-17	462.72	134.25	0.90	286.80
Nov-17	285.85	176.87	0.90	445.98
Dec-17	281.72	4.13	0.90	449.70
Total		**499.67**		**1,463.17**
Persistence in 2018				5,396.39
Persistence in 2019				5,396.39
Persistence in 2020				5,396.39

Details of Project #3 (December, 2017)

Pre-conversion billing demand

Fixture type	Billing Wattage (kW) d	Quantity e	Billed amount (kW) d * e
Cobra Head	130	205	26.65
Cobra Head	196	1861	364.756
Cobra Head	225	2	0.45
Cobra Head	246	1214	298.644
Cobra Head	305	298	90.89
Total			781.39

Post-conversion billing demand

Fixture type	Billing Wattage (kW) d_1	Quantity e_1	Billed amount (kW) $d_1 * e_1$
Green Cobra	68.09	232	15.80
Green Cobra	78	3234	252.25
Green Cobra	120	114	13.68
Total			281.73

KWHI Street Lights - Detailed Calculation of Change in Billed Demand

City of Kitchener

		(A) # Bulbs x Wattage	*(B) ** Post Conversion	*(A) - (B)* *Reduction*				Daily Avg Operating Hrs per month /annualiz		10.08	11.51	12.99	14.30	14.98		11.79
								Avg # Days in First Month		7.42	11.79	14.30	17.73	14.33		
								# Days / Month		31	30	31	30	31.00		365
					*** Post Conversion Calculation**											
Fixture Type and Watts	**Number of Bulbs**	**Watts Removed**	**Watts Installed**	**Watts Reduced**	**Watts**	**Number of Bulbs**	**Watts Installed**	**kW reduced (column E / 1000)**	**Net kW Reduction**	Aug	Sept	Oct	Nov	Dec	**First Year kWh**	**Full Year Persistence**
									90%							
COBRA HEADS																
91	1,153	104,923	40,477.10	64,445.90												
130	1,560	202,800	56,707.60	146,092.40												
196	159	31,164	6,107.90	25,056.10	**35.1**	2,141	75,149.1									
246	185	45,510	7,122.50	38,387.50	**38.5**	916	35,266.0									
Aug-17 Total	**3,057**	**384,397**	**110,415.10**	**273,981.90**		3,057	110,415.1	273.98	246.58	**18,441.11**	85,112.48	99,296.79	105,772.08	114,517.58	**423,140.05**	**1,061,136.01**
COBRA HEADS																
91	1,368	124,488	48,074.60	76,413.40												
130	1,959	254,670	70,185.50	184,484.50												
196	505	98,980	19,058.30	79,921.70	**35.1**	3,078	108,037.8									
246	270	66,420	10,143.40	56,276.60	**38.5**	1,024	39,424.0									
Sep-17 Total	**4,102**	**544,558**	**147,461.80**	**397,096.20**		4,102	147,461.8	397.10	357.39		**48,479.67**	143,916.00	153,300.97	165,976.28	**511,672.93**	**1,537,959.54**
COBRA																
91	1,726	157,066	60,620.00	96,446.00												
130	2,104	273,520	76,121.10	197,398.90												
155	4	620	140.40	479.60												
196	339	66,444	13,054.70	53,389.30												
215	1	215	38.50	176.50	**35.1**	3,246	113,934.6									
225	1	225	35.10	189.90	**38.5**	1,260	48,510.0									
246	340	83,640	13,551.80	70,088.20	**78**	3	234.0									
305	2	610	77.00	533.00	**120**	8	960.0									
Oct-17 Total	**4,517**	**582,340**	**163,638.60**	**418,701.40**		4,517	163,638.6	418.70	376.83			**69,999.04**	161,641.77	175,006.72	**406,647.53**	**1,621,636.80**
COBRA HEADS																
91	1,094	99,554	38,460.60	61,093.40												
130	1,605	208,650	58,127.30	150,522.70												
135	2	270	70.20	199.80	**35.1**	2,204	77,360.4									
196	264	51,744	10,277.40	41,466.60	**38.5**	984	37,884.0									
225	5	1,125	182.30	942.70	**53.4**	14	747.6									
246	218	53,628	8,611.71	45,016.29	**68.09**	9	612.8									
305	24	7,320	995.30	6,324.70	**120**	1	120.0									
Nov-17 Total	**3,212**	**422,291**	**116,724.81**	**305,566.19**		3,212	116,724.8	305.57	275.01				**69,717.53**	127,719.03	**197,436.55**	**1,183,462.44**
COBRA HEADS																
91	5	455	175.50	279.50												
130	21	2,730	740.50	1,989.50												
135	6	810	210.60	599.40												
195	1	195	38.50	156.50												
196	16	3,136	599.00	2,537.00												
225	8	1,800	291.00	1,509.00	**35.1**	45	1,579.5									
246	7	1,722	255.90	1,466.10	**38.5**	19	731.5									
Dec-17	**64**	**10,848**	**2,311.00**	**8,537.00**		64	2,311.0	8.54	7.68					**1,649.45**	**1,649.45**	**33,063.93**
91	5,346	486,486	187,807.80	298,678.20												
130	7,249	942,370	261,882.00	680,488.00												
135	8	1,080	280.80	799.20												
155	4	620	140.40	479.60												
195	1	195	38.50	156.50	**35.1**	10,714	376,061									
196	1,283	251,468	49,097.30	202,370.70	**38.5**	4,203	161,816									
215	1	215	38.50	176.50	**53.4**	14	748									
225	14	3,150	508.40	2,641.60	**68.09**	9	613									
246	1,020	250,920	39,685.31	211,234.69	**78**	3	234									
305	26	7,930	1,072.30	6,857.70	**120**	9	1,080									
Grand Total	**14,952**	**1,944,434**	**540,551.31**	**1,403,882.69**		**14,952**	**540,551**	**1,403.88**	**1,263.49**	**18,441.11**	**133,592.15**	**313,211.84**	**490,432.35**	**584,869.07**	**1,540,546.52**	**5,437,258.72**

KWHI Street Lights - Detailed Calculation of Change in Billed Demand

Township of Wilmot

		(A) # Bulbs x Wattage	*(B) ** Post Conversion	*(A) - (B)*				Daily Avg Operating Hrs		8.64	8.97	10.08	11.51	12.99	14.30	14.98		**11.79**
								Avg # Days in First Month		12.43	5.61	**25.46**	**17.03**	-	**9.00**	-		
					*** Post Conversion Calculation**			# Days / Month		30	31	31	30	31	30	31		**365**
Fixture Type and Wat	**Number of Bulbs**	**Watts Removed**	**Watts Installed**	**Watts Reduced**	**Watts**	**Number of Bulbs**	**Watts Installed**	**kW reduced (column E / 1000)**	**Net kW Reduction 90%**	June	Jul	Aug	Sept	Oct	Nov	Dec	**First Year kWh**	**Full Year Persistence**
COBRA HEADS																		
91	585	53,235.00	17,199.00	36,036.00														
130	188	24,440.00	5,527.20	18,912.80														
196	1	196.00	29.40	166.60	29.4	774	22,755.60											
215																		
246																		
480																		
Jun-17 Total	**774**	**77,871.00**	**22,755.60**	**55,115.40**		774	22,755.60	55.12	49.60	**5,327.22**	**13,793.35**	**15,498.73**	**17,121.60**	**19,974.98**	**21,277.58**	**23,036.86**	**116,030.30**	**213,462.77**
COBRA HEADS																		
91	113	10,283.00	3,322.20	6,960.80														
130	187	24,310.00	5,625.20	18,684.80														
196	64	12,544.00	2,200.10	10,343.90	29.4	315	9,261.00											
215	1	215.00	38.50	176.50	38.5	50	1,925.00											
246																		
480				-														
Jul-17 Total	**365**	**47,352.00**	**11,186.00**	**36,166.00**		365	11,186.00	36.17	32.55		**1,637.94**	**10,170.06**	**11,234.97**	**13,107.32**	**13,962.07**	**15,116.48**	**65,228.84**	**140,071.46**
COBRA HEADS																		
91	106	9,646.00	3,116.40	6,529.60														
130	123	15,990.00	3,616.20	12,373.80														
196	21	4,116.00	656.09	3,459.91														
215																		
246	2	492.00	58.80	433.20	29.4	251	7,379.40											
480				-	68.09	1	68.09											
Aug-17 Total	**252**	**30,244.00**	**7,447.49**	**22,796.51**		252	7,447.49	22.80	20.52			**5,264.88**	**7,081.74**	**8,261.93**	**8,800.71**	**9,528.37**	**38,937.62**	**88,291.23**
COBRA HEADS																		
91	23	2,093.00	676.20	1,416.80														
130	37	4,810.00	1,087.80	3,722.20														
196	6	1,176.00	194.60	981.40														
290	1	290.00	38.50	251.50	29.4	66	1,940.40											
480	2	960.00	58.80	901.20	38.5	3	115.50											
Sep-17 Total	**69**	**9,329.00**	**2,055.90**	**7,273.10**		69	2,055.90	7.27	6.55				**1,282.58**	**2,635.92**	**2,807.82**	**3,039.97**	**9,766.29**	**28,168.83**
COBRA																		
91																		
130																		
196																		
215																		
246																		
480				-														
Oct-17 Total	-	-	-	-		-	0											
COBRA HEADS																		
91	2	182.00	58.80	123.20														
130	1	130.00	29.40	100.60														
196	2	392.00	58.80	333.20	29.4	5	147.00											
196				-														
225				-														
305				-														
Nov-17 Total	**5**	**704.00**	**147.00**	**557.00**		5	147.00	0.56	0.50						**64.51**	**232.81**	**297.32**	**2,157.27**
91	829	75,439.00	24,372.60	51,066.40														
130	536	69,680.00	15,885.80	53,794.20														
196	94	18,424.00	3,138.99	15,285.01														
215	1	215.00	38.50	176.50														
246	2	492.00	58.80	433.20	29.4	1,411	41,483.40											
290	1	290.00	38.50	251.50	38.5	53	2,040.50											
480	2	960.00	58.80	901.20	68.09	1	68.09											
Grand Total 2017	1,465	165,500.00	43,591.99	121,908.01		1,465	43,591.99	**121.91**	**109.72**	**5,327.22**	**15,431.29**	**30,933.66**	**36,720.88**	**43,980.15**	**46,912.67**	**50,954.50**	**230,260.38**	**472,151.55**

KWHI Street Lights - Detailed Calculation of Change in Billed Demand

Region of Waterloo

Fixture Type and Watts	# Number of Bulbs	(A) # Bulbs x Wattage Watts Removed	(B) * Post Conversion Watts Installed	(A) - (B) Watts Reduced	Watts	Number of Bulbs	Watts Installed	kW reduced (column E / 1000)	Net kW Reduction 90%	Jul	Aug	Sept	Oct	Nov	Dec	First Year kWh	Full Year Persistence
Daily Avg Operating Hrs										8.97	10.08	11.51	12.99	14.30	14.98		11.79
Avg # Days in First Month										5.54	11.80	14.95	15.85	14.19	20.03		
# Days / Month										31	31	30	31	30	31		365
COBRA HEADS																	
130	38	4,940	2,746.0	2,194.0													
196	181	35,476	12,918.9	22,557.1													
246	3	738	234.0	504.0	68.09	143	9,737										
305	4	1,220	312.0	908.0	78	83	6,474										
Jul-17 Total	**226**	**42,374**	**16,210.9**	**26,163.1**		226	16,211	26.16	23.55	1,170.13	7,357.20	8,127.58	9,482.07	10,100.41	10,935.53	**47,172.92**	**101,330.19**
COBRA HEADS																	
130	89	11,570	6,932.1	4,637.9													
196	241	47,236	18,084.5	29,151.5													
225	2	450	156.0	294.0													
246	166	40,836	12,948.0	27,888.0	68.09	73	4,971										
305	58	17,690	4,524.0	13,166.0	78	483	37,674										
Aug-17 Total	**556**	**117,782**	**42,644.6**	**75,137.4**		556	42,645	75.14	67.62		8,042.66	23,341.44	27,231.38	29,007.18	31,405.57	**119,028.23**	**291,008.39**
COBRA HEADS																	
130	4	520	312.0	208.0													
196	239	46,844	18,493.4	28,350.7													
246	245	60,270	19,110.0	41,160.0	68.09	15	1,021										
305	59	17,995	4,602.0	13,393.0	78	532	41,496										
Sep-17 Total	**547**	**125,629**	**42,517.4**	**83,111.7**		547	42,517	83.11	74.80			12,866.29	30,121.41	32,085.67	34,738.59	**109,811.95**	**321,892.67**
COBRA HEADS																	
130	45	5,850	3,510.0	2,340.0													
196	515	100,940	40,590.0	60,350.0													
246	350	86,100	27,342.0	58,758.0	78	944	73,632										
305	59	17,995	5,190.0	12,805.0	120	25	3,000										
Oct-17 Total	**969**	**210,885**	**76,632.0**	**134,253.0**		969	76,632	134.25	120.83				24,877.40	51,829.04	56,114.40	**132,820.84**	**519,963.88**
COBRA HEADS																	
130	23	2,990	1,794.0	1,196.0													
196	666	130,536	52,148.1	78,387.9	68.09	1	68										
246	442	108,732	35,442.0	73,290.0	78	1,158	90,324										
305	117	35,685	11,688.0	23,997.0	120	89	10,680										
Nov-17 Total	**1,248**	**277,943**	**101,072.1**	**176,870.9**		1,248	101,072	176.87	159.18					32,297.34	73,927.62	**106,224.96**	**685,023.69**
COBRA HEADS																	
130	6	780	468.0	312.0													
196	19	3,724	1,482.0	2,242.0													
225																	
246	8	1,968	624.0	1,344.0													
305	1	305	78.0	227.0	78	34	2,652										
Dec 17 Total	**34**	**6,777**	**2,652.0**	**4,125.0**		34	2,652	4.13	3.71						1,114.02	**1,114.02**	**15,976.19**
Grand Total 2017	3,580	781,390	281,728.9	499,661.1		3,580	281,729	**499.66**	**449.70**	**1,201.13**	**15,430.86**	**44,365.30**	**91,743.25**	**155,349.64**	**208,266.73**	**516,172.92**	**1,935,560.01**

* Post Conversion Calculation

Fixture Type and Watts	Number of Bulbs	Watts Removed	Watts Installed	Watts Reduced
130	205	26,650	15,762.1	10,887.9
196	1,861	364,756	143,716.8	221,039.2
225	2	450	156.0	294.0
246	1,214	298,644	95,700.0	202,944.0
305	298	90,890	26,394.0	64,496.0

APPENDIX D

Ontario Energy Board

GA Analysis Workform for 2022 Rate Applications

Version 1.0

Input cells	
Drop down cells	

Utility Name KITCHENER-WILMOT HYDRO INC.

Note 1

For Account 1589 and Account 1588, determine if a or b below applies and select the appropriate year related to the account balance in the drop-down box to the right.
a) If the account balances were last approved on a final basis, select the year of the year-end balances that were last approved on a final basis.
b) If the account balances were last approved on an interim basis, and
i) there are no changes to the previously approved interim balances, select the year of the year-end balances that were last approved for diposition on an interim basis. OR
ii) there are changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on a final basis. An explanation should be provided to explain the reason for the change in the previously approved interim balances.
(e.g. If the 2019 balances that were reviewed in the 2021 rate application were to be selected, select 2019)

Year Selected

2019

Instructions:
1) Determine which scenario above applies (a, bi or bii). Select the appropriate year to generate the appropriate GA Analysis Workform tabs, and information in the Principal Adjustments tab and Account 1588 tab.
For example:
• Scenario a -If 2019 balances were last approved on a final basis - Select 2019 and a GA Analysis Workform for 2020 will be generated. The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.
• Scenario bi - If 2019 balances were last approved on an interim basis and there are no changes to 2019 balances - Select 2019 and a GA Analysis Workform for 2020 will be generated. The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.
• Scenario bii - If 2019 balances were last approved on an interim basis, there are changes to 2019 balances, and 2018 balances were last approved for disposition - Select 2018 and GA Analysis Workforms for 2019 and 2020 will be generated. The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.
2) Complete the GA Analysis Workform for each year generated.
3) Complete the Account 1588 tab. Note that the number of years that require the reasonability test to be completed are shown in the Account 1588 tab, depending on the year selected on the Information Sheet.
4) Complete the Principal Adjustments tab. Note that the number of years that require principal adjustment reconciliations are all shown in the one Principal Adjustments tab, depending on the year selected on the Information Sheet.

See the separate document GA Analysis Workform Instructions for detailed instructions on how to complete the Workform and examples of reconciling items and principal adjustments.

Year	Annual Net Change in Expected GA Balance from GA Analysis	Net Change in Principal Balance in the GL	Reconciling Items	Adjusted Net Change in Principal Balance in the GL	Unresolved Difference	$ Consumption at Actual Rate Paid	Unresolved Difference as % of Expected GA Payments to IESO
2020	$ 339,482	$ (711,279)	$ 1,193,511	$ 482,232	$ 142,751	$ 54,514,328	0.3%
Cumulative Balance	**$ 339,482**	**$ (711,279)**	**$ 1,193,511**	**$ 482,232**	**$ 142,751**	**$ 54,514,328**	**N/A**

Account 1588 Reconciliation Summary

Year	Account 1588 as a % of Account 4705
2020	-0.2%

Ontario Energy Board

GA Analysis Workform

Note 2 **Consumption Data Excluding for Loss Factor (Data to agree with RRR as applicable)**

Year		2020		
Total Metered excluding WMP	C = A+B	1,746,482,592	kWh	100%
RPP	A	1,017,526,316	kWh	58.3%
Non RPP	B = D+E	728,956,277	kWh	41.7%
Non-RPP Class A	D	258,991,769	kWh	14.8%
Non-RPP Class B*	E	469,964,508	kWh	26.9%

*Non-RPP Class B consumption reported in this table is not expected to directly agree with the Non-RPP Class B Including Loss Adjusted Billed Consumption in the GA Analysis of Expected Balance table below. The difference should be equal to the loss factor.

Note 3 **GA Billing Rate**

GA is billed on the 1st Estimate Note that the GA actual rates for April to June 2020 are based on the unadjusted GA rates, without the impacts of the GA deferral.

Please confirm that the adjusted GA rate was used to bill customers from April to June 2020.
For the months of April to June 2020, the IESO provided adjusted GA rates, which reflected the deferral of a portion of the GA as per the May 1, 2020 Emergency Order, and unadjusted GA rates which did not consider the GA deferral. Yes

Please confirm that the same GA rate is used to bill all customer classes. If not, please provide further details Yes

Please confirm that the GA Rate used for unbilled revenue is the same as the one used for billed revenue in any paticular month Yes

Note 4 **Analysis of Expected GA Amount**

Year 2020

Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed ($/kWh)	$ Consumption at GA Rate Billed	GA Actual Rate Paid ($/kWh)	$ Consumption at Actual Rate Paid	Expected GA Price Variance ($)
	F	G	H	I = F-G+H	J	K = I*J	L	M = I*L	N=M-K
January	45,568,067	46,016,540	48,135,900	47,687,427	0.08323	$ 3,969,025	0.10232	$ 4,879,378	$ 910,353
February	47,514,648	48,135,900	43,510,066	42,888,815	0.12451	$ 5,340,086	0.11331	$ 4,859,732	$ (480,355)
March	43,774,491	43,510,066	44,394,868	44,659,292	0.10432	$ 4,658,857	0.11942	$ 5,333,213	$ 674,355
April	42,616,073	44,394,868	38,092,512	36,313,717	0.13707	$ 4,977,521	0.11500	$ 4,176,077	$ (801,444)
May	34,403,749	38,092,512	39,438,313	35,749,550	0.09293	$ 3,322,206	0.11500	$ 4,111,198	$ 788,993
June	35,467,478	39,438,313	46,407,211	42,436,376	0.11500	$ 4,880,183	0.11500	$ 4,880,183	$ -
July	37,267,354	46,407,211	60,450,678	51,310,821	0.10305	$ 5,287,580	0.09902	$ 5,080,798	$ (206,783)
August	45,548,177	60,450,678	49,830,431	34,927,930	0.10232	$ 3,573,826	0.10348	$ 3,614,342	$ 40,516
September	42,707,285	49,830,431	42,215,111	35,091,965	0.11573	$ 4,061,193	0.12176	$ 4,272,798	$ 211,605
October	36,750,744	42,215,111	40,558,039	35,093,672	0.14954	$ 5,247,908	0.12806	$ 4,494,096	$ (753,812)
November	38,759,566	40,558,039	41,377,546	39,579,074	0.11670	$ 4,618,878	0.11705	$ 4,632,731	$ 13,853
December	38,099,006	41,377,546	42,867,328	39,588,788	0.10704	$ 4,237,584	0.10558	$ 4,179,784	$ (57,800)
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	**488,476,638**	**540,427,216**	**537,278,005**	**485,327,426**		**$ 54,174,847**		**$ 54,514,328**	**$ 339,482**

Annual Non-RPP Class B Wholesale kWh *	Annual Non-RPP Class B Retail billed kWh (excludes April to June 2020)	Annual Unaccounted for Energy Loss kWh	Weighted Average GA Actual Rate Paid ($/kWh)**	Expected GA Volume Variance ($)
O	P	Q=O-P	R	P= Q*R
	370,827,783	- 370,827,783		$ -

Equal to (AQEW - Class A + embedded generation kWh)(Non-RPP Class B retail kwh/Total retail Class B kWh). Note that the data for April to June 2020 should be excluded as the line loss volume variance would be reflected in the reconciling item below for #5 Impacts from GA deferral.

**Equal to annual Non-RPP Class B $ GA paid (i.e. non-RPP portion of CT 148 on IESO invoice) divided by Non-RPP Class B Wholesale kWh (as quantified in column O in the table above). Note that the data for April to June 2020 should be excluded as the line loss volume variance would be reflected in the reconciling item below for #5 Impacts from GA deferral.

Total Expected GA Variance	$	339,482

Calculated Loss Factor	1.0327
Most Recent Approved Loss Factor for Secondary Metered Customer < 5,000kW	1.035
Difference	**-0.0023**

a) Please provide an explanation in the text box below if columns G and H for unbilled consumption are not used in the table above.

b) Please provide an explanation in the text box below if the difference in loss factor is greater than 1%

Note 5 **Reconciling Items**

	Item	Amount	Explanation	Principal Adjustments	
	Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	$ (711,279)		**Principal Adjustment on DVA Continuity Schedule**	**If "no", please provide an explanation**
1a	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year	$ 1,076,477		Yes	
1b	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - current year	$ 117,033		Yes	
2a	Remove prior year end unbilled to actual revenue differences				
2b	Add current year end unbilled to actual revenue differences				
3a	Significant prior period billing adjustments recorded in current year				
3b	Significant current period billing adjustments recorded in other year(s)				
4	CT 2148 for prior period corrections				
5	Impacts of GA deferral				
6					
7					
8					
9					
10					
11					

Note 6	**Adjusted Net Change in Principal Balance in the GL**	$ 482,232
	Net Change in Expected GA Balance in the Year Per Analysis	$ 339,482
	Unresolved Difference	$ 142,751
	Unresolved Difference as % of Expected GA Payments to IESO	0.3%

Ontario Energy Board

Account 1588 Reasonability

Note 7 **Account 1588 Reasonability Test**

Year	Account 1588 - RSVA Power			Account 4705 - Power Purchased	Account 1588 as % of Account 4705
	Transactions[1]	Principal Adjustments[1]	Total Activity in Calendar Year		
2020	1,227,059	- 1,542,933	- 315,874	144,381,328	-0.2%
Cumulative	**1,227,059**	**- 1,542,933**	**- 315,874**	**588,445,270**	**-0.1%**

Notes

1) The transactions should equal the "Transaction" column in the DVA Continuity Schedule. This is also expected to equal the transactions in the general ledger (excluding transactions relating to the removal of approved disposition amounts as that is shown in a separate column in the DVA Continuity Schedule)

2) Principal adjustments should equal the "Principal Adjustments" column in the DVA Continuity Schedule. Principal adjustments adjust the transactions in the general ledger to the amount that should be requested for disposition.

Ontario Energy Board

GA Analysis Workform - Account 1588 and 1589 Principal Adjustment Reconciliation

Note 8 **Breakdown of principal adjustments included in last approved balance:**

Account 1589 - RSVA Global Adjustment

	Adjustment Description	Amount	To be reversed in current application?	Explanation if not to be reversed in current application
1	GA Variance True-Ups	(1,076,477)	Yes	
2				
3				
4				
5				
6				
7				
8				
	Total	(1,076,477)		
	Total principal adjustments included in last approved balance	2,250,159		
	Difference	(3,326,637)		

Account 1588 - RSVA Power

	Adjustment Description	Amount	To be Reversed in Current Application?	Explanation if not to be reversed in current application
1	GA Variance True-Ups	1,076,477	Yes	
2	Settlement True-Ups	(511,340)	Yes	
3				
4				
5				
6				
7				
8				
	Total	565,137		
	Total principal adjustments included in last approved balance	(2,055,092)		
	Difference	2,620,229		

Note 9 **Principal adjustment reconciliation in current application:**

Notes

1) The "Transaction" column in the DVA Continuity Schedule is to equal the transactions in the general ledger (excluding transactions relating to the removal of approved disposition amounts as that is shown in a separate column in the DVA Continuity Schedule)
2) Any principal adjustments needed to adjust the transactions in the general ledger to the amount that should be requested for disposition should be shown separately in the "Principal Adjustments" column of the DVA Continuity Schedule
3) The "Variance RRR vs. 2020 Balance" column in the DVA Continuity Schedule should equal principal adjustments made in the current disposition period. It should not be impacted by reversals from prior year approved principal adjustments.
4) Principal adjustments to the pro-ration of CT 148 true-ups (i.e. principal adjustment #1 in tables below) are expected to be equal and offsetting between Account 1588 and Account 1589, if not, please explain. If this results in further adjustments to RPP settlements, this should be shown separately as a principal adjustment to CT 1142/142 (i.e. principal adjustment #2 in tables below)

Complete the table below for the current disposition period. Complete a table for each year included in the balance under review in this rate application. The number of tables to be completed is automatically generated based on data provided in the Information Sheet

Account 1589 - RSVA Global Adjustment

Year		Adjustment Description	Amount	Year Recorded in GL
		Reversals of prior approved principal adjustments (auto-populated from table above)		
	1	GA Variance True-Ups	1,076,477	2020
	2			
	3			
	4			
	5			
	6			
	7			
	8			
		Total Reversal Principal Adjustments	1,076,477	
		Current year principal adjustments		
	1	CT 148 true-up of GA Charges based on actual Non-RPP volumes	117,033	2021
	2	Unbilled to actual revenue differences		
	3			
	4			
	5			
	6			
	7			
	8			
		Total Current Year Principal Adjustments	117,033	
		Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model	1,193,511	

Account 1588 - RSVA Power

Year		Adjustment Description	Amount	Year Recorded in GL
		Reversals of prior approved principal adjustments (auto-populated from table above)		
	1	GA Variance True-Ups	(1,076,477)	2,020
	2	Settlement True-Ups	511,340	2,020
	3			
	4			
	5			
	6			
	7			
	8			
		Total Reversal Principal Adjustments	(565,137)	
		Current year principal adjustments		
	1	CT 148 true-up of GA Charges based on actual RPP volumes	(117,033)	2021
	2	CT 1142/142 true-up based on actuals	(860,763)	2021
	3	Unbilled to actual revenue differences		
	4			
	5			
	6			
	7			
	8			
		Total Current Year Principal Adjustments	(977,796)	
		Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model	(1,542,933)	

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Appendix E

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2021-0038

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. All customers are single-phase. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	23.41
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022 Applicable only for Non-RPP Customers	$/kWh	0.0010
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	$/kWh	0.0029
Retail Transmission Rate - Network Service Rate	$/kWh	0.0088
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0014

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2021-0038

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non residential account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	28.65
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Distribution Volumetric Rate	$/kWh	0.0138
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022 Applicable only for Non-RPP Customers	$/kWh	0.0010
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until December 31, 2022	$/kWh	0.0007
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	$/kWh	0.0029
Retail Transmission Rate - Network Service Rate	$/kWh	0.0076
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0013

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2021-0038

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Note that for the application of the Retail Transmission Rate - Network Service Rate and the Retail Transmission Rate - Line and Transformation Connection Service Rate the following sub-classifications apply: General Service 50 to 999 kW non-interval metered, General Service 50 to 999 kW interval metered and General Service 1,000 to 4,999 kW interval metered. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor’s Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	190.82
Distribution Volumetric Rate	$/kW	4.9128

Kitchener-Wilmot Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2022
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		EB-2021-0038
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022 Applicable only for Non-RPP Customers	$/kWh	0.0010
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until December 31, 2022	$/kW	0.2927
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022 Applicable only for Non-Wholesale Market Participants	$/kW	(0.2869)
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	$/kW	1.3713
Retail Transmission Rate - Network Service Rate	$/kW	4.0407
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.7317

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

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EB-2021-0038

LARGE USE SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	17,749.41
Distribution Volumetric Rate	$/kW	1.6302
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	$/kW	1.3611
Retail Transmission Rate - Network Service Rate - Interval Metered	$/kW	3.7978
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	$/kW	0.6879

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2021-0038

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/ documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	7.67
Distribution Volumetric Rate	$/kWh	0.0149
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	$/kWh	0.0029
Retail Transmission Rate - Network Service Rate	$/kWh	0.0076
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0013

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

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EB-2021-0038

STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	0.71
Distribution Volumetric Rate	$/kW	4.8335
Rate Rider for Disposition of Global Adjustment Account (2022) - effective until December 31, 2022 Applicable only for Non-RPP Customers	$/kWh	0.0010
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until December 31, 2022	$/kW	5.6257
Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	$/kW	1.0292
Retail Transmission Rate - Network Service Rate	$/kW	2.4571
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.4454

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2021-0038

EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

This classification applies to an electricity distributor licensed by the Ontario Energy Board that is provided electricity by means of this distributor's facilities. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Rate Rider for Disposition of Deferral/Variance Accounts (2022) - effective until December 31, 2022	$/kW	1.5652
Monthly Distribution Wheeling Service Rate - Dedicated LV Line	$/kW	2.5181
Retail Transmission Rate - Network Service Rate	$/kW	3.8098
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.6902

Kitchener-Wilmot Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

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EB-2021-0038

microFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Independent Electricity System Operator's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Condition of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	4.55

Kitchener-Wilmot Hydro Inc.
TARIFF OF RATES AND CHARGES
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EB-2021-0038

STANDBY POWER SERVICE CLASSIFICATION

This classification applies to an account with load displacement facilities that contracts with the distributor to provide emergency standby power when its load displacement facilities are not in operation. The level of the billing demand will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation such as name-plate rating of the load displacement facility. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component - Approved on an Interim Basis

Standby Charge - for a month where standby power is not provided, the charge is based on the applicable General Service 50 to 4,999 kW or Large use Distribution Volumetric Charge applied to the contracted amount (e.g. nameplate rating of generation facility).

ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	$/kW	(0.60)
Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	%	(1.00)

SPECIFIC SERVICE CHARGES

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

Kitchener-Wilmot Hydro Inc.
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Customer Administration		
Returned cheque (plus bank charges)	$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	$	20.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	$	30.00
Non-Payment of Account		
Late payment - per month		
(effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Reconnection at meter - during regular hours	$	65.00
Reconnection at meter - after regular hours	$	185.00
Reconnection at pole - during regular hours	$	95.00
Other		
Meter removal without authorization	$	355.00
Service call - after regular hours	$	105.00
Specific charge for access to the power poles - $/pole/year		
(with the exception of wireless attachments) - Approved on an Interim Basis	$	45.48

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

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Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity.		
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	$	106.53
Monthly fixed charge, per retailer	$	42.62
Monthly variable charge, per customer, per retailer	$/cust.	1.06
Distributor-consolidated billing monthly charge, per customer, per retailer	$/cust.	0.63
Retailer-consolidated billing monthly credit, per customer, per retailer	$/cust.	(0.63)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	$	0.53
Processing fee, per request, applied to the requesting party	$	1.06
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	$	no charge

Kitchener-Wilmot Hydro Inc.
TARIFF OF RATES AND CHARGES
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		EB-2021-0038
More than twice a year, per request (plus incremental delivery costs)	$	4.26
Notice of Switch letter charge, per letter	$	2.08

LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.035
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0154
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0226
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0053

APPENDIX F

Month/Year	Settlements Adjustment	Billable Qty. (Volume)	Price
Jan-18	($81,535.46)	(22,586)	3.61
Feb-18	($84,297.11)	(23,351)	3.61
Mar-18	($77,990.44)	(21,604)	3.61
Apr-18	($75,441.78)	(20,898)	3.61
May-18	($83,326.02)	(23,082)	3.61
Jun-18	($86,470.33)	(23,953)	3.61
Jul-18	($94,051.33)	(26,053)	3.61
Aug-18	($108,888.43)	(30,163)	3.61
Sep-18	($116,848.48)	(32,368)	3.61
Oct-18	($83,358.51)	(23,091)	3.61
Nov-18	($88,751.85)	(24,585)	3.61
Dec-18	($83,159.96)	(23,036)	3.61
Jan-19	($94,920.35)	(25,585)	3.71
Feb-19	($92,757.42)	(25,002)	3.71
Mar-19	($91,054.53)	(24,543)	3.71
Apr-19	($74,233.39)	(20,009)	3.71
May-19	($65,563.12)	(17,672)	3.71
Jun-19	($95,888.66)	(25,846)	3.71
Jul-19	($115,987.72)	(30,284)	3.83
Aug-19	($99,821.29)	(26,063)	3.83
Sep-19	($90,690.57)	(23,679)	3.83
Oct-19	($76,665.11)	(20,017)	3.83
Nov-19	($86,075.42)	(22,474)	3.83
Dec-19	($91,720.84)	(23,948)	3.83
Jan-20	($86,945.60)	(22,180)	3.92
Feb-20	($86,600.64)	(22,092)	3.92
Mar-20	($80,822.56)	(20,618)	3.92
Apr-20	($73,598.00)	(18,775)	3.92
May-20	($110,461.68)	(28,179)	3.92
Jun-20	($109,775.68)	(28,004)	3.92
Jul-20	($128,203.60)	(32,705)	3.92
Aug-20	($124,479.60)	(31,755)	3.92
Sep-20	($103,182.24)	(26,322)	3.92
Oct-20	($82,947.20)	(21,160)	3.92
Nov-20	($93,119.60)	(23,755)	3.92

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APPENDIX G

2017 Final Verified Annual LDC CDM Program Results Report
Letter from the Vice-President, Policy, Engagement & Innovation

June 29, 2018

To: Ontario's Local Distribution Companies

At the mid-way point of the Conservation First Framework (CFF) Ontario's Local Distribution Companies (LDCs) along with the IESO have shown significant progress towards the 2020 CFF 7.0 TWh target. The province has achieved 1.8 TWh of persisting energy savings in 2017, the highest performing year on record. Approximately 20% ($364M) of the allocated $1.835B CFF LDC Conservation Demand Management (CDM) budget was accounted for in 2017. From 2015, LDCs have achieved 4.8 TWh of energy savings, representing 69% of the CFF 7.0 TWh target. The savings realized to date demonstrate the significant efforts made by LDCs and the IESO in delivering and promoting conservation programs across the province.

Key highlights from the 2017 results include:

- The share of residential portfolio savings increased for the third consecutive year, accounting for 46% of 2017 results, while the business portfolio program contributed to 45%, and local/pilot/centrally delivered programs accounting for 9% of 2017 savings.
- The Coupon & Instant Discount residential retail program produced a record achievement of 740 GWh of persisting energy savings, increasing by over 53% of the results from 2016. LED light bulbs remained the most common measure accounting 91% of savings.
- The Retrofit program achieved 663 GWh of persisting energy savings in 2017, which represents a small reduction in savings despite completing approximately half the number projects compared to 2016 results (including adjustments). Lighting continues to represent the majority of results, representing 79% of savings in 2017.
- The Process and Systems Upgrades Program achieved 15 GWh in 2017, but also verified an additional 65 GWh in 2016 completed projects and 11 GWh in 2015 completed projects as part of this year's evaluation. Behind-the-meter generation projects account for 82% of program savings-to-date.
  - The data lag associated with unreported (yet completed) 2017 projects for the Retrofit and Process and Systems Upgrade programs remain an ongoing challenge. Together with the Heating & Cooling program, these programs have approximately 723 GWh in unverified savings yet to be reported by LDCs for which is anticipated to be reported a future verified annual results reports as 2017 adjustments.

Minor revisions were made to the final 2017 results relative to the preliminary 2017 results issued to LDCs on June 1, 2018. Details on the revisions between the 2017 preliminary and final verified results can be found in the 2017 Frequently Asked Questions (FAQs) along with key 2017 evaluation findings and province-wide and local program cost effectiveness test results posted alongside LDC results.

Consistent with prior year evaluation cycles, all 2017 final verified annual results reports will be posted on the IESO website in early July. LDC-specific cost effectiveness test results (program- and portfolio-level) will be available by September 15, 2017. Finally, 2017 EM&V reports will be available later this summer along with key program recommendations to be shared with the Joint Program Operations Committee (JPOC) and associated committees.

I look forward to the continued collaboration with LDCs and stakeholders building off lessons learned and implementing feedback from the mid-term review process to enhance current programs and future efforts.

Sincerely,

Terry Young
Vice-President, Policy, Engagement & Innovation
Independent Electricity System Operator

2017 Final Verified Annual LDC CDM Program 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	A high level summary of the Final 2017 Annual Verified Results Report, including: 1) progress toward the LDC's: a) Allocated 2020 Annual 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: a) contribution to 2020 Target Achievement by program; b) 2017 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 Rankings	A comprehensive report of each LDC's performance rankings against all other LDCs in major performance categories.
4	LDC Progress	A comprehensive report of 2017 conservation results including: 1) activity; 2) savings including; a) energy and peak demand; b) net and gross; c) CDM Plan forecasts, verified actuals and relative progress; d) Allocated Target and Target acheivement; and 3) spending, including participant incentives and administrative expenses and IESO Value Added Services Costs. Data is grouped by category and summarized at the LDC level.
5	Province-Wide Progress	A comprehensive report of 2016 conservation results including: 1) activity; 2) savings including; a) energy and peak demand; b) net and gross; c) CDM Plan forecasts, verified actuals and relative progress; d) Allocated Target and Target acheivement; and 3) spending, including participant incentives and administrative expenses and IESO Value Added Services Costs. Data is grouped by category and summarized at the province wide level.
6	LDC Savings Persistence	A report detailing the gross and net energy and peak demand savings persistence by program and implementation year (2015, 2015 Adjustment, 2016, 2016 Adjustment and 2017) at the LDC Level.
7	Province-Wide Savings Persistence	A report detailing the gross and net energy and peak demand savings persistence by program and implementation year (2015, 2015 Adjustment, 2016, 2016 Adjustment and 2017) at the province wide Level.
8	Methodology	A description of the methods used to calculate energy savings, financial results and cost-effectiveness.
9	Reference Table	Provides detailing how Province wide Consumer Program results were allocated to specific LDCs.
10	Glossary	Definitions for the terms used throughout this report.

2017 Final Verified Annual LDC CDM Program Results Report
How to Use this Report

The IESO is pleased to provide you with the 2017 Final Verified Annual LDC CDM Program 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);

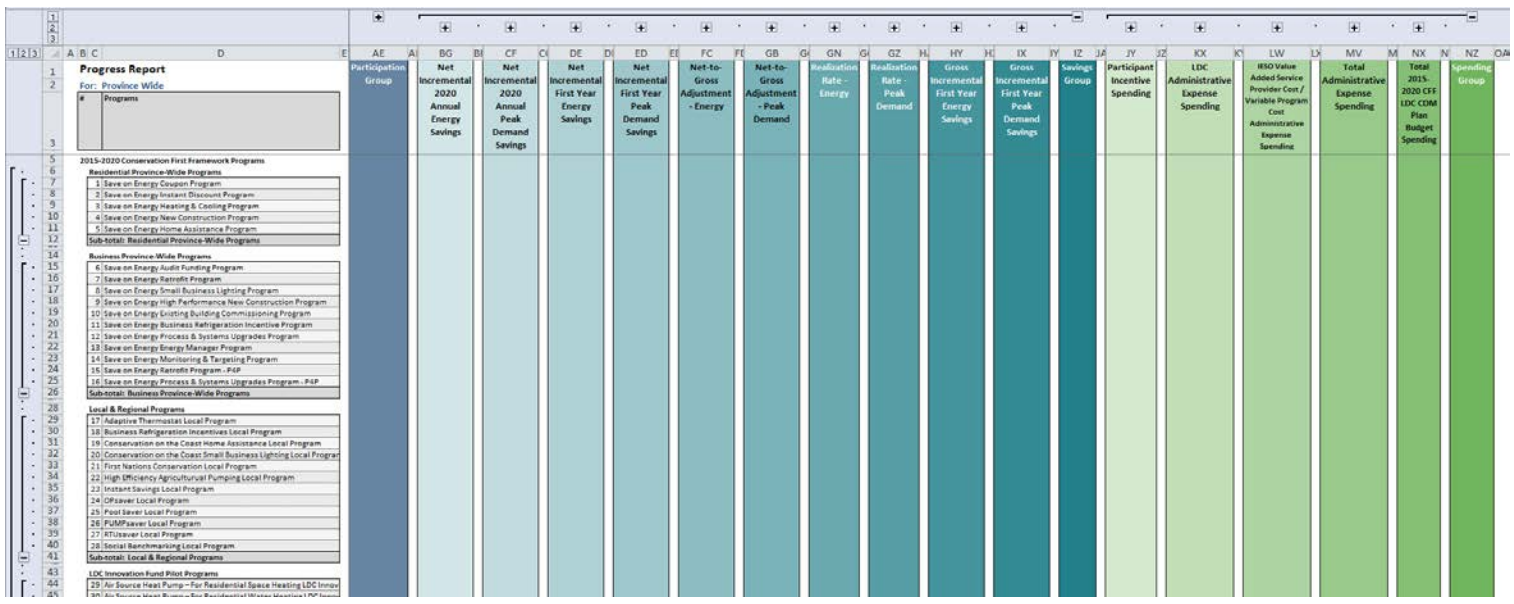
2) program savings results including:
a) net 2020 annual energy and peak demand savings;
b) allocated target, target achievement and progress towards target;
c) incremental net first year energy and peak demand savings;
d) annual net-to-gross and realization rate adjustments; and
e) incremental gross first year energy and peak 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
d) allocated budget, LDC CDM Plan budget spending and progress towards budget;
and for each cost: i) forecasts; ii) verified actuals; and iii) progress (forecast vs actuals);

4) program savings results persistence for:
a) gross energy savings;
b) gross peak demand savings;
c) net energy savings; and
d) net peak demand savings;

by both the LDC specific level and the province-wide aggregated level for 2017, 2016 including adjustments, and 2015 including adjustments.

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.



Please note:
1) Cost Effectiveness Test (CET) results at the: a) province-wide / program level is available and posted separately on LDC Extranet; b) LDC / program level will be available on the LDC Extranet by September 15, 2018; as per the Energy Conservation Agreement, version 3.0;

2) forecasts of: a) activity; b) savings; and c) spending; included in this report are based on approved LDC CDM Plan - Cost Effectiveness Tools as of December 31, 2017 (from the i) Program Design; ii) Budget Inputs; and iii) Savings Results worksheets);

3) Annual FCR Progress only includes Full Cost Recovery funding model program savings results and excludes Pay-for-Performance funding model program savings results;

4) The complete list of approved programs and pilots as of December 31, 2017 approved LDC CDM Plans have been included, however only programs and pilots in market for a sufficient period of time to enable a valid EM&V process will have verified results;

5) 2017 Verified Adjustments to prior years consists of projects completed in the associated year but were not reported to the IESO by previous year's reporting deadlines (March 31, 2016 and April 15, 2017);

6) Pilot program savings are attributed to the LDC where the pilot program project is located in; and

7) This Annual Verified Results Report provides results for the LDC and province only. No aggregated reporting is provided for LDCs that are part of a joint CDM plan;

Progress Report

Year: 2020 Utility: Northern Indiana Pub

Residential	0
Commercial	0
Industrial	0
Total	0

Residential Kwh Annual Energy Savings							
	Residential						
	Residential						
	Residential						

2017 Final Verified Annual LDC CDM Program Results Report
Summary

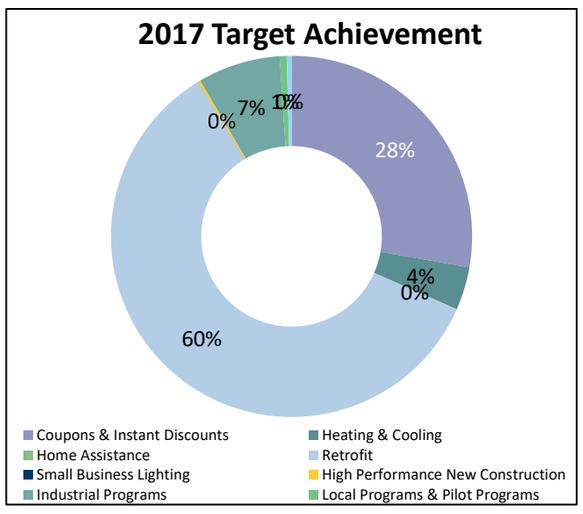
For: Kitchener-Wilmot Hydro Inc.

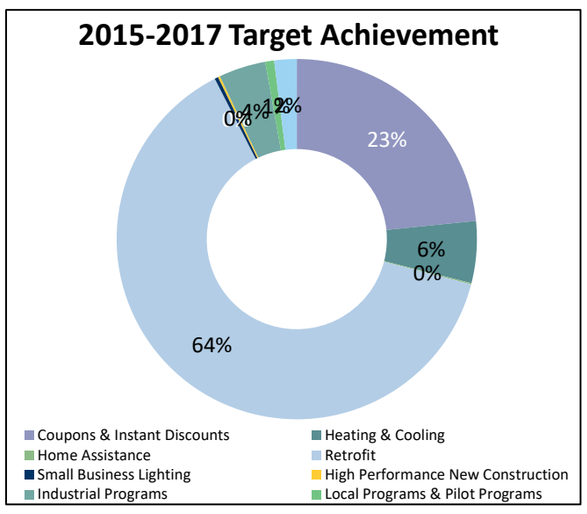
Results

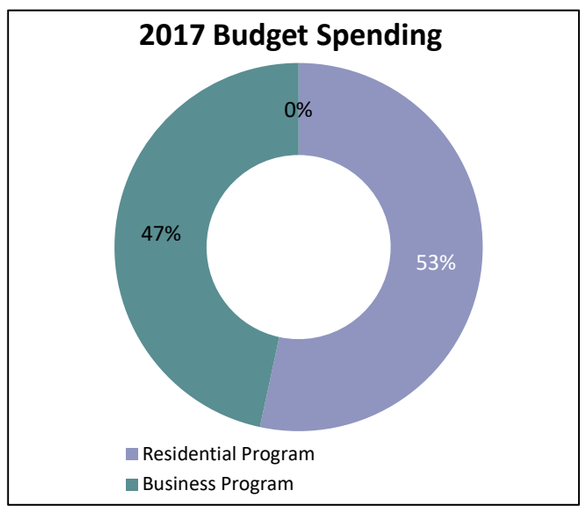
#	Metric	2015 Verified Results	2016 Verified Results	2017 Verified Results	2015-2017 Verified Results	Allocated Target / Budget	2015-2017 Progress versus Allocated Target / Budget	2015-2020 LDC CDM Plan Forecast	2015-2017 Progress versus 2015-2020 LDC CDM Plan Forecast	2017 LDC CDM Plan Forecast	2017 Progress versus 2017 LDC CDM Plan Forecast	2015-2017 LDC CDM Plan Forecast	2015-2017 Progress versus 2015-2017 LDC CDM Plan Forecast
1	Net Verified Annual Energy Savings Persisting to 2020	25,992 MWh	22,395 MWh	39,769 MWh	88,156 MWh	105,710 MWh	83 %	108,121 MWh	82 %	19,911 MWh	200 %	56,380 MWh	156 %
2	LDC Ranking - Net Verified Annual Energy Savings Persisting to 2020	9	7	6	8	8	14	9	15	8	13	11	13
3	Total Spending ($)	$ 0	$ 1,755,824	$ 5,203,439	$ 6,959,263	$ 27,710,719	25 %	$ 21,241,293	33 %	$ 5,304,361	98 %	$ 8,757,155	79 %
4	LDC Ranking - Total Spending ($)	41	17	11	11	8	57	12	27	10	26	11	43

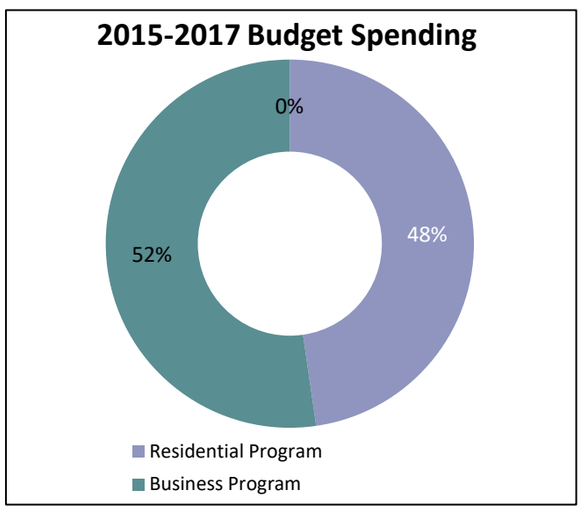
Annual FCR Progress

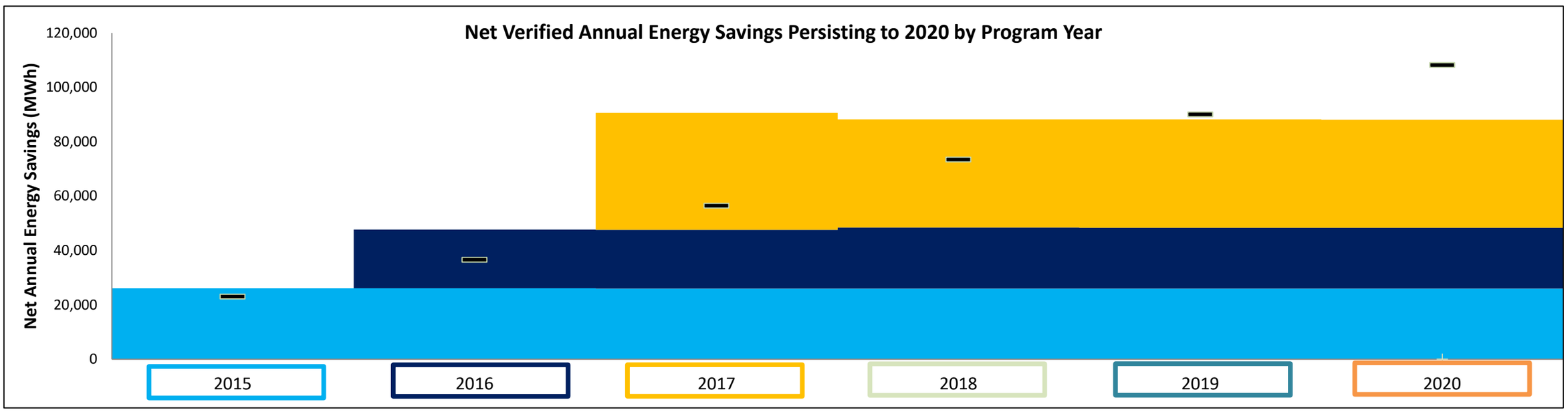
#	Metric	2015 Program Year	2016 Program Year	2017 Program Year	Total 2015-2017 Framework-to-Date
1	Net Verified 2020 Annual Energy Savings from Full Cost Recovery Programs	297 MWh	22,381 MWh	39,303 MWh	**61,980 MWh**
2	CDM Plan Forecasted Net 2020 Annual Energy Savings from Full Cost Recovery Programs	0 MWh *(2015 Annual Milestone from FCR Programs)*	13,537 MWh *(2016 Annual Milestone from FCR Programs)*	19,263 MWh *(2017 Annual Milestone from FCR Programs)*	**32,799 MWh** ***(Cumulative FCR Milestone)***
FCR Progress					**189.0 %**

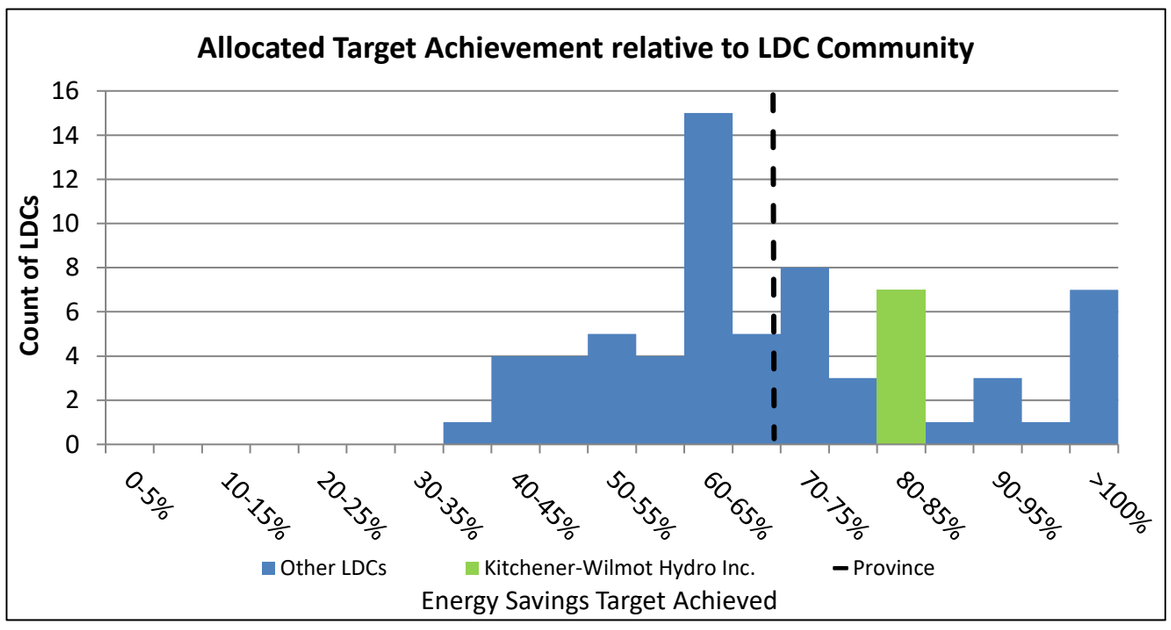


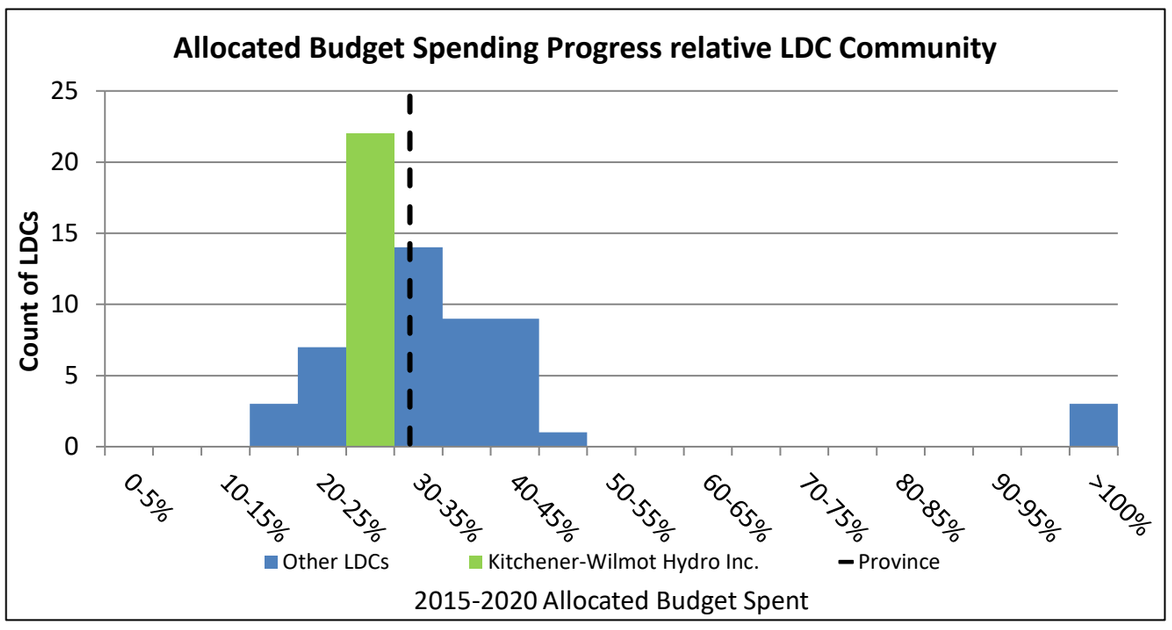












2017 Final Verified Annual LDC CDM Program Results Report
LDC Rankings

| # | LDC | Net Verified Annual Energy Savings Persisting to 2020 | | |

| Page 1 of 1 Report Period | | |

| | | |

Savings Persistence Report

For: Province Wide

| # | Program / Initiative Name | Gross Verified Energy Savings | Gross Verified Peak Demand Savings | Gross Verified Savings | Net Verified Annual Energy Savings (MWh) | | | | | | | | | | | | | | | | | | | | | | | | | | | | Net Verified Peak Demand Savings (MW) | | | | | | | | | | | | | | | | | | | | | | Net Verified Savings | Net Verified Peak Demand Savings | Net Verified Savings |
|---|---|---

Savings Persistence Report

For: Kitchener-Wilmot Hydro Inc.

#	Program / Initiative Name	Gross Verified Energy Savings	Gross Verified Peak Demand Savings	Gross Verified Savings
	Net Verified Annual Energy Savings (kWh)			
		2015	2016	2017
	Subtotal: 2015 Verified 2015 Results	22,256,207	22,177,641	21,909,539
	Subtotal: 2016 Verified 2015 Results Adjustments	2,657,095	2,654,907	2,654,907
	Subtotal: 2017 Verified 2015 Results Adjustments	1,209,679	1,239,095	1,437,162
	Subtotal: 2016 Verified 2016 Results	-	14,295,783	14,184,543
	2017 Verified 2016 Results Adjustments			
329	Save on Energy Coupon Program	-	712,526	712,526
330	Save on Energy Instant Discount Program	-	-	-
331	Save on Energy Heating & Cooling Program	-	22,419	22,419
332	Save on Energy New Construction Program	-	55,545	55,545
333	Save on Energy Home Assistance Program	-	-	-
334	Save on Energy Audit Funding Program	-	-	-
335	Save on Energy Retrofit Program	-	6,527,366	6,638,606
336	Save on Energy Small Business Lighting Program	-	-	-
337	Save on Energy High Performance New Construction Program	-	-	-
338	Save on Energy Existing Building Commissioning Program	-	-	-
339	Save on Energy Business Refrigeration Incentive Program	-	-	-
340	Save on Energy Process & Systems Upgrades Program	-	-	-
341	Save on Energy Energy Manager Program	-	1,671	1,671
342	Save on Energy Monitoring & Targeting Program	-	-	-
343	Save on Energy Retrofit Program - P4P	-	-	-
344	Save on Energy Process & Systems Upgrades Program - P4P	-	-	-
345	Adaptive Thermostat Local Program	-	-	-
346	Business Refrigeration Incentives Local Program	-	-	-
347	Conservation on the Coast Home Assistance Local Program	-	-	-
348	Conservation on the Coast Small Business Lighting Local Program	-	-	-
349	First Nations Conservation Local Program	-	-	-
350	High Efficiency Agricultural Pumping Local Program	-	-	-
351	Instant Savings Local Program	-	-	-
352	OPower Local Program	-	-	-
353	Pool Saver Local Program	-	-	-
354	PUMPower Local Program	-	-	-
355	RTUsaver Local Program	-	-	-
356	Social Benchmarking Local Program	-	-	-
357	Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Program	-	-	-
358	Air Source Heat Pump – For Residential Water Heating LDC Innovation Fund Pilot Program	-	-	-
359	Block Heater Timer LDC Innovation Fund Pilot Program	-	-	-
360	Commercial Energy Management and Load Control (CEMLC) LDC Innovation Fund Pilot Program	-	-	-
361	Conservation Cultivator LDC Innovation Fund Pilot Program	-	-	-
362	Data Centre LDC Innovation Fund Pilot Program	-	-	-
363	Electronics Take Back LDC Innovation Fund Pilot Program	-	-	-
364	Energy Reinvestment LDC Innovation Fund Pilot Program	-	-	-
365	Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program	-	-	-
366	Hotel/Motel LDC Innovation Fund Pilot Program	-	-	-
367	Intelligent Air Technology LDC Innovation Fund Pilot Program	-	-	-
368	OPower LDC Innovation Fund Pilot Program	-	-	-
369	PUMPower LDC Innovation Fund Pilot Program	-	-	-
370	Residential Direct Install LDC Innovation Fund Pilot Program	-	-	-
371	Residential Direct Mail LDC Innovation Fund Pilot Program	-	-	-
372	Residential Ductless Heat Pump LDC Innovation Fund Pilot Program	-	-	-
373	Retrocommissioning LDC Innovation Fund Pilot Program	-	-	-
374	RTUsaver LDC Innovation Fund Pilot Program	-	-	-
375	Small & Medium Business Energy Management System LDC Innovation Fund Pilot Program	-	13,478	13,478
376	Solar Powered Attic Ventilation LDC Innovation Fund Pilot Program	-	-	-
377	Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program	-	-	-
378	Truckload Event LDC Innovation Fund Pilot Program	-	-	-
379	Industrial Accelerator Program	-	-	-
380	Save on Energy Energy Performance Program for Multi-Site Customers	-	-	-
381	Whole Home Pilot Program	-	-	-
382	Save on Energy Retrofit Program Enabled Savings	-	-	-
383	Save on Energy High Performance New Construction Program Enabled Savings	-	-	-
384	Save on Energy Process & Systems Upgrades Program Enabled Savings	-	-	-
385	Non-Approved Program	-	-	-
386	Unassigned Program	-	-	-
387	Conservation Voltage Reduction Conservation Fund Pilot Program	-	-	-
388	EnerNOC Conservation Fund Pilot Program	-	-	-
389	Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program	-	-	-
390	Loblaw P4P Conservation Fund Pilot Program	-	-	-
391	Ontario Clean Water Agency P4P Conservation Fund Pilot Program	-	-	-
392	Performance Based Conservation Fund Pilot Program	-	-	-
393	Social Benchmarking Conservation Fund Pilot Program	-	-	-
394	Strategic Energy Group Conservation Fund Pilot Program	-	-	-
395	Appliance Retirement Initiative	-	-	-
396	Coupon Initiative	-	-	-
397	Bi-Annual Retailer Event Initiative	-	-	-
398	HVAC Incentives Initiative	-	-	-
399	Residential New Construction and Major Renovation Initiative	-	-	-
400	Energy Audit Initiative	-	-	-
401	Efficiency: Equipment Replacement Incentive Initiative	-	-	-
402	Direct Install Lighting and Water Heating Initiative	-	-	-
403	New Construction and Major Renovation Initiative	-	-	-
404	Existing Building Commissioning Incentive Initiative	-	-	-
405	Process and Systems Upgrades Initiatives : Project Incentive Initiative	-	-	-
406	Process and Systems Upgrades Initiatives : Energy Manager Initiative	-	-	-
407	Process and Systems Upgrades Initiatives : Monitoring and Targeting Initiative	-	-	-
408	Low Income Initiative	-	-	-
409	Aboriginal Conservation Program	-	-	-
410	Program Enabled Savings	-	-	-
	Subtotal: 2017 Verified 2016 Results Adjustments	-	7,333,005	7,444,245
	2017 Verified 2017 Results			
411	Save on Energy Coupon Program	-	-	7,711,088
412	Save on Energy Instant Discount Program	-	-	6,676,070
413	Save on Energy Heating & Cooling Program	-	-	1,537,439
414	Save on Energy New Construction Program	-	-	56,486
415	Save on Energy Home Assistance Program	-	-	9,874
416	Save on Energy Audit Funding Program	-	-	-
417	Save on Energy Retrofit Program	-	-	23,630,919
418	Save on Energy Small Business Lighting Program	-	-	5,544
419	Save on Energy High Performance New Construction Program	21	-	86,200
420	Save on Energy Existing Building Commissioning Program	-	-	-
421	Save on Energy Business Refrigeration Incentive Program	-	-	-
422	Save on Energy Process & Systems Upgrades Program	-	-	2,835,485
423	Save on Energy Energy Manager Program	-	-	653
424	Save on Energy Monitoring & Targeting Program	-	-	-
425	Save on Energy Retrofit Program - P4P	-	-	-
426	Save on Energy Process & Systems Upgrades Program - P4P	-	-	-
427	Adaptive Thermostat Local Program	-	-	-
428	Business Refrigeration Incentives Local Program	-	-	-
429	Conservation on the Coast Home Assistance Local Program	-	-	-
430	Conservation on the Coast Small Business Lighting Local Program	-	-	-
431	First Nations Conservation Local Program	-	-	-
432	High Efficiency Agricultural Pumping Local Program	-	-	-
433	Instant Savings Local Program	-	-	-
434	OPower Local Program	-	-	-
435	Pool Saver Local Program	-	-	-
436	PUMPower Local Program	-	-	-
437	RTUsaver Local Program	-	-	-
438	Social Benchmarking Local Program	-	-	-
439	Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Program	-	-	-
440	Air Source Heat Pump – For Residential Water Heating LDC Innovation Fund Pilot Program	-	-	-
441	Block Heater Timer LDC Innovation Fund Pilot Program	-	-	-
442	Commercial Energy Management and Load Control (CEMLC) LDC Innovation Fund Pilot Program	-	-	-
443	Conservation Cultivator LDC Innovation Fund Pilot Program	-	-	-
444	Data Centre LDC Innovation Fund Pilot Program	-	-	-
445	Electronics Take Back LDC Innovation Fund Pilot Program	-	-	-
446	Energy Reinvestment LDC Innovation Fund Pilot Program	-	-	-
447	Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program	-	-	-
448	Hotel/Motel LDC Innovation Fund Pilot Program	-	-	-
449	Intelligent Air Technology LDC Innovation Fund Pilot Program	-	-	-
450	OPower LDC Innovation Fund Pilot Program	-	-	-
451	PUMPower LDC Innovation Fund Pilot Program	-	-	-
452	Residential Direct Install LDC Innovation Fund Pilot Program	-	-	-
453	Residential Direct Mail LDC Innovation Fund Pilot Program	-	-	-
454	Residential Ductless Heat Pump LDC Innovation Fund Pilot Program	-	-	-
455	Retrocommissioning LDC Innovation Fund Pilot Program	-	-	-
456	RTUsaver LDC Innovation Fund Pilot Program	-	-	-
457	Small & Medium Business Energy Management System LDC Innovation Fund Pilot Program	-	-	247,986
458	Solar Powered Attic Ventilation LDC Innovation Fund Pilot Program	-	-	-
459	Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program	-	-	-
460	Truckload Event LDC Innovation Fund Pilot Program	-	-	-
461	Industrial Accelerator Program	-	-	-
462	Save on Energy Energy Performance Program for Multi-Site Customers	-	-	103,685
463	Whole Home Pilot Program	-	-	114,341
464	Save on Energy Retrofit Program Enabled Savings	-	-	-
465	Save on Energy High Performance New Construction Program Enabled Savings	-	-	-
466	Save on Energy Process & Systems Upgrades Program Enabled Savings	-	-	-
467	Non-Approved Program	-	-	-
468	Unassigned Program	-	-	-
469	Conservation Voltage Reduction Conservation Fund Pilot Program	-	-	-
470	EnerNOC Conservation Fund Pilot Program	-	-	-
471	Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program	-	-	-
472	Loblaw P4P Conservation Fund Pilot Program	-	-	-
473	Ontario Clean Water Agency P4P Conservation Fund Pilot Program	-	-	-
474	Performance Based Conservation Fund Pilot Program	-	-	-
475	Social Benchmarking Conservation Fund Pilot Program	-	-	-
476	Strategic Energy Group Conservation Fund Pilot Program	-	-	-
477	Appliance Retirement Initiative	-	-	-
478	Coupon Initiative	-	-	-
479	Bi-Annual Retailer Event Initiative	-	-	-
480	HVAC Incentives Initiative	-	-	-
481	Residential New Construction and Major Renovation Initiative	-	-	-
482	Energy Audit Initiative	-	-	-
483	Efficiency: Equipment Replacement Incentive Initiative	-	-	-
484	Direct Install Lighting and Water Heating Initiative	-	-	-
485	New Construction and Major Renovation Initiative	-	-	-
486	Existing Building Commissioning Incentive Initiative	-	-	-
487	Process and Systems Upgrades Initiatives : Project Incentive Initiative	-	-	-
488	Process and Systems Upgrades Initiatives : Energy Manager Initiative	-	-	-
489	Process and Systems Upgrades Initiatives : Monitoring and Targeting Initiative	-	-	-
490	Low Income Initiative	-	-	-
491	Aboriginal Conservation Program	-	-	-
492	Program Enabled Savings	-	-	-
	Subtotal: 2017 Verified 2017 Results	-	-	43,015,770
	Total	-	-	26,122,981

#	Program / Initiative Name	Net Verified Energy Savings	Net Verified Peak Demand Savings	Net Verified Savings
	Net Verified Annual Peak Demand Savings (kW)			
		2015	2016	2017
	Subtotal: 2015 Verified 2015 Results	3,937	3,927	3,858
	Subtotal: 2016 Verified 2015 Results Adjustments	481	481	481
	Subtotal: 2017 Verified 2015 Results Adjustments	268	275	331
	Subtotal: 2016 Verified 2016 Results	-	1,873	1,855
	2017 Verified 2016 Results Adjustments			
329	Save on Energy Coupon Program	-	45	45
330	Save on Energy Instant Discount Program	-	-	-
331	Save on Energy Heating & Cooling Program	-	7	7
332	Save on Energy New Construction Program	-	11	11
333	Save on Energy Home Assistance Program	-	-	-
334	Save on Energy Audit Funding Program	-	-	-
335	Save on Energy Retrofit Program	-	1,656	1,678
336	Save on Energy Small Business Lighting Program	-	-	-
337	Save on Energy High Performance New Construction Program	-	-	-
338	Save on Energy Existing Building Commissioning Program	-	-	-
339	Save on Energy Business Refrigeration Incentive Program	-	-	-
340	Save on Energy Process & Systems Upgrades Program	-	-	-
341	Save on Energy Energy Manager Program	-	-	-
342	Save on Energy Monitoring & Targeting Program	-	-	-
343	Save on Energy Retrofit Program - P4P	-	-	-
344	Save on Energy Process & Systems Upgrades Program - P4P	-	-	-
345	Adaptive Thermostat Local Program	-	-	-
346	Business Refrigeration Incentives Local Program	-	-	-
347	Conservation on the Coast Home Assistance Local Program	-	-	-
348	Conservation on the Coast Small Business Lighting Local Program	-	-	-
349	First Nations Conservation Local Program	-	-	-
350	High Efficiency Agricultural Pumping Local Program	-	-	-
351	Instant Savings Local Program	-	-	-
352	OPower Local Program	-	-	-
353	Pool Saver Local Program	-	-	-
354	PUMPower Local Program	-	-	-
355	RTUsaver Local Program	-	-	-
356	Social Benchmarking Local Program	-	-	-
357	Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Program	-	-	-
358	Air Source Heat Pump – For Residential Water Heating LDC Innovation Fund Pilot Program	-	-	-
359	Block Heater Timer LDC Innovation Fund Pilot Program	-	-	-
360	Commercial Energy Management and Load Control (CEMLC) LDC Innovation Fund Pilot Program	-	-	-
361	Conservation Cultivator LDC Innovation Fund Pilot Program	-	-	-
362	Data Centre LDC Innovation Fund Pilot Program	-	-	-
363	Electronics Take Back LDC Innovation Fund Pilot Program	-	-	-
364	Energy Reinvestment LDC Innovation Fund Pilot Program	-	-	-
365	Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program	-	-	-
366	Hotel/Motel LDC Innovation Fund Pilot Program	-	-	-
367	Intelligent Air Technology LDC Innovation Fund Pilot Program	-	-	-
368	OPower LDC Innovation Fund Pilot Program	-	-	-
369	PUMPower LDC Innovation Fund Pilot Program	-	-	-
370	Residential Direct Install LDC Innovation Fund Pilot Program	-	-	-
371	Residential Direct Mail LDC Innovation Fund Pilot Program	-	-	-
372	Residential Ductless Heat Pump LDC Innovation Fund Pilot Program	-	-	-
373	Retrocommissioning LDC Innovation Fund Pilot Program	-	-	-
374	RTUsaver LDC Innovation Fund Pilot Program	-	-	-
375	Small & Medium Business Energy Management System LDC Innovation Fund Pilot Program	-	2	2
376	Solar Powered Attic Ventilation LDC Innovation Fund Pilot Program	-	-	-
377	Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program	-	-	-
378	Truckload Event LDC Innovation Fund Pilot Program	-	-	-
379	Industrial Accelerator Program	-	-	-
380	Save on Energy Energy Performance Program for Multi-Site Customers	-	-	-
381	Whole Home Pilot Program	-	-	-
382	Save on Energy Retrofit Program Enabled Savings	-	-	-
383	Save on Energy High Performance New Construction Program Enabled Savings	-	-	-
384	Save on Energy Process & Systems Upgrades Program Enabled Savings	-	-	-
385	Non-Approved Program	-	-	-
386	Unassigned Program	-	-	-
387	Conservation Voltage Reduction Conservation Fund Pilot Program	-	-	-
388	EnerNOC Conservation Fund Pilot Program	-	-	-
389	Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program	-	-	-
390	Loblaw P4P Conservation Fund Pilot Program	-	-	-
391	Ontario Clean Water Agency P4P Conservation Fund Pilot Program	-	-	-
392	Performance Based Conservation Fund Pilot Program	-	-	-
393	Social Benchmarking Conservation Fund Pilot Program	-	-	-
394	Strategic Energy Group Conservation Fund Pilot Program	-	-	-
395	Appliance Retirement Initiative	-	-	-
396	Coupon Initiative	-	-	-
397	Bi-Annual Retailer Event Initiative	-	-	-
398	HVAC Incentives Initiative	-	-	-
399	Residential New Construction and Major Renovation Initiative	-	-	-
400	Energy Audit Initiative	-	-	-
401	Efficiency: Equipment Replacement Incentive Initiative	-	-	-
402	Direct Install Lighting and Water Heating Initiative	-	-	-
403	New Construction and Major Renovation Initiative	-	-	-
404	Existing Building Commissioning Incentive Initiative	-	-	-
405	Process and Systems Upgrades Initiatives : Project Incentive Initiative	-	-	-
406	Process and Systems Upgrades Initiatives : Energy Manager Initiative	-	-	-
407	Process and Systems Upgrades Initiatives : Monitoring and Targeting Initiative	-	-	-
408	Low Income Initiative	-	-	-
409	Aboriginal Conservation Program	-	-	-
410	Program Enabled Savings	-	-	-
	Subtotal: 2017 Verified 2016 Results Adjustments	-	1,721	1,743
	2017 Verified 2017 Results			
411	Save on Energy Coupon Program	-	-	533
412	Save on Energy Instant Discount Program	-	-	458
413	Save on Energy Heating & Cooling Program	-	-	450
414	Save on Energy New Construction Program	-	-	14
415	Save on Energy Home Assistance Program	-	-	3
416	Save on Energy Audit Funding Program	-	-	-
417	Save on Energy Retrofit Program	-	-	3,304
418	Save on Energy Small Business Lighting Program	-	-	2
419	Save on Energy High Performance New Construction Program	21	-	25
420	Save on Energy Existing Building Commissioning Program	-	-	-
421	Save on Energy Business Refrigeration Incentive Program	-	-	-
422	Save on Energy Process & Systems Upgrades Program	-	-	336
423	Save on Energy Energy Manager Program	-	-	-
424	Save on Energy Monitoring & Targeting Program	-	-	-
425	Save on Energy Retrofit Program - P4P	-	-	-
426	Save on Energy Process & Systems Upgrades Program - P4P	-	-	-
427	Adaptive Thermostat Local Program	-	-	-
428	Business Refrigeration Incentives Local Program	-	-	-
429	Conservation on the Coast Home Assistance Local Program	-	-	-
430	Conservation on the Coast Small Business Lighting Local Program	-	-	-
431	First Nations Conservation Local Program	-	-	-
432	High Efficiency Agricultural Pumping Local Program	-	-	-
433	Instant Savings Local Program	-	-	-
434	OPower Local Program	-	-	-
435	Pool Saver Local Program	-	-	-
436	PUMPower Local Program	-	-	-
437	RTUsaver Local Program	-	-	-
438	Social Benchmarking Local Program	-	-	-
439	Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Program	-	-	-
440	Air Source Heat Pump – For Residential Water Heating LDC Innovation Fund Pilot Program	-	-	-
441	Block Heater Timer LDC Innovation Fund Pilot Program	-	-	-
442	Commercial Energy Management and Load Control (CEMLC) LDC Innovation Fund Pilot Program	-	-	-
443	Conservation Cultivator LDC Innovation Fund Pilot Program	-	-	-
444	Data Centre LDC Innovation Fund Pilot Program	-	-	-
445	Electronics Take Back LDC Innovation Fund Pilot Program	-	-	-
446	Energy Reinvestment LDC Innovation Fund Pilot Program	-	-	-
447	Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program	-	-	-
448	Hotel/Motel LDC Innovation Fund Pilot Program	-	-	-
449	Intelligent Air Technology LDC Innovation Fund Pilot Program	-	-	-
450	OPower LDC Innovation Fund Pilot Program	-	-	-
451	PUMPower LDC Innovation Fund Pilot Program	-	-	-
452	Residential Direct Install LDC Innovation Fund Pilot Program	-	-	-
453	Residential Direct Mail LDC Innovation Fund Pilot Program	-	-	-
454	Residential Ductless Heat Pump LDC Innovation Fund Pilot Program	-	-	-
455	Retrocommissioning LDC Innovation Fund Pilot Program	-	-	-
456	RTUsaver LDC Innovation Fund Pilot Program	-	-	-
457	Small & Medium Business Energy Management System LDC Innovation Fund Pilot Program	-	-	45
458	Solar Powered Attic Ventilation LDC Innovation Fund Pilot Program	-	-	-
459	Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program	-	-	-
460	Truckload Event LDC Innovation Fund Pilot Program	-	-	-
461	Industrial Accelerator Program	-	-	-
462	Save on Energy Energy Performance Program for Multi-Site Customers	-	-	-
463	Whole Home Pilot Program	-	-	12
464	Save on Energy Retrofit Program Enabled Savings	-	-	-
465	Save on Energy High Performance New Construction Program Enabled Savings	-	-	-
466	Save on Energy Process & Systems Upgrades Program Enabled Savings	-	-	-
467	Non-Approved Program	-	-	-
468	Unassigned Program	-	-	-
469	Conservation Voltage Reduction Conservation Fund Pilot Program	-	-	-
470	EnerNOC Conservation Fund Pilot Program	-	-	-
471	Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program	-	-	-
472	Loblaw P4P Conservation Fund Pilot Program	-	-	-
473	Ontario Clean Water Agency P4P Conservation Fund Pilot Program	-	-	-
474	Performance Based Conservation Fund Pilot Program	-	-	-
475	Social Benchmarking Conservation Fund Pilot Program	-	-	-
476	Strategic Energy Group Conservation Fund Pilot Program	-	-	-
477	Appliance Retirement Initiative	-	-	-
478	Coupon Initiative	-	-	-
479	Bi-Annual Retailer Event Initiative	-	-	-
480	HVAC Incentives Initiative	-	-	-
481	Residential New Construction and Major Renovation Initiative	-	-	-
482	Energy Audit Initiative	-	-	-
483	Efficiency: Equipment Replacement Incentive Initiative	-	-	-
484	Direct Install Lighting and Water Heating Initiative	-	-	-
485	New Construction and Major Renovation Initiative	-	-	-
486	Existing Building Commissioning Incentive Initiative	-	-	-
487	Process and Systems Upgrades Initiatives : Project Incentive Initiative	-	-	-
488	Process and Systems Upgrades Initiatives : Energy Manager Initiative	-	-	-
489	Process and Systems Upgrades Initiatives : Monitoring and Targeting Initiative	-	-	-
490	Low Income Initiative	-	-	-
491	Aboriginal Conservation Program	-	-	-
492	Program Enabled Savings	-	-	-
	Subtotal: 2017 Verified 2017 Results	-	5,182	4,997
	Total	-	4,686	8,277

2017 Final Verified Annual LDC CDM Program Results Report
Methodology

General

All results are at the end-user level, i.e. not including losses as a result transmission and distribution lines.

2015 results are based on projects completed between January 1, 2015 and December 31, 2015; 2016 results are based on projects completed between January 1, 2016 and December 31, 2016; and 2017 results are based on projects completed between January 1, 2017 and December 31, 2017.

The 2015 verified results considers projects reported to the IESO between January 1, 2015 and March 31, 2016; the 2016 verified results considers projects reported to the IESO between April 1, 2016 and April 15, 2017; the 2017 verified results considers projects reported to the IESO between April 16, 2017 and April 15, 2018.

Legacy Framework results are based on projects begun prior to an LDC's transition to the Conservation First Framework program and completed by December 31, 2015. Conservation First Framework results are based on projects begun on or after an LDC's transition to the Conservation First Framework program and projects transitioned to the Conservation First Framework through a valid Extension Agreement for eligible Programs.

Savings Calculations

#	Project Type	Attributing Savings to LDCs
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.

Cost Determination

Costs are determined and allocated to the period based on the date the cost has been reported to the IESO regardless of when the cost was incurred.

E.g. if an LDC reports by the December 2017 IESO Reporting Period: 1) program savings; and 2) Participant Incentives; associated with a 2017 completed project, as well as 3) Administrative Expenses; then: a) the savings; b) expenditures; and c) corresponding cost effectiveness; are attributed to the 2017 program year.

However if the same is reported in or after the January 2018 IESO Reporting Period: only the i) the savings and ii) costs for the purposes of Cost Effectiveness Test calculations will be attributed to the 2017 program year; The expenditures for the purposes of spending reporting (in the Monthly Participation & Cost Report and this Verified Annual LDC CDM Program Results Report) will be allocated to the 2018 program year and will not appear.

2015-2020 Conservation First Framework

#	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 Consumer Program Allocation Reference Table.	April 15, 2018	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 Instant Discount Program	Results are allocated based on Consumer Program Allocation Reference Table.	April 15, 2018	Savings are considered to begin in the year in which the event occurred.	
3	Save on Energy Heating & Cooling Program	Results directly attributed to LDC based on customer applications and postal code.	April 15, 2018	Savings are considered to begin in the year that the installation occurred.	
4	Save on Energy New Construction Program	Results are directly attributed to LDC based on LDC identified in LDC Report	April 15, 2018	Savings are considered to begin in the year of the project completion date.	
5	Save on Energy Home Assistance Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year in which the measures were installed.	
6	Save on Energy Audit Funding Program	Projects are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	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	Save on Energy Retrofit Program	Projects are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year of the actual project completion date as reported in the LDC Report	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).
8	Save on Energy Small Business Lighting Program	Results are directly attributed to LDC based on the LDC specified on the work order.	April 15, 2018	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).
9	Save on Energy High Performance New Construction Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	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 in the CDM LDC Report Template. Preliminary unverified net savings are calculated by multiplying reported savings by 2016 Net-to-gross ratios and realization rates.
10	Save on Energy Existing Building Commissioning Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year of the actual project completion date.	
11	Save on Energy Business Refrigeration Incentive Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year of the actual project completion date.	
12	Save on Energy Process and Systems Upgrades Program	Results are directly attributed to LDC based on LDC identified in application.	April 15, 2018	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).
13	Save on Energy Energy Manager Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year in which the project was completed by the energy manager.	
14	Save on Energy Monitoring and Targeting Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year in which the incentive project was completed.	

2011-2014+2015 Extension Legacy Framework

#	Initiative	Attributing Savings to LDCs	Project List Date	Savings 'start' Date	Calculating Resource Savings
1	saveONenergy Appliance Retirement Initiative	2015 Results only. 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.	April 15, 2018	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.
2	saveONenergy Conservation Instant Coupon Booklet	2015 Results only. LDC-coded coupons directly attributed to LDC. Otherwise results are allocated based on average of 2008 & 2009 residential throughput.	April 15, 2018	Savings are considered to begin in the year in which the coupon was redeemed.	
3	saveONenergy Bi-Annual Retailer Event	2015 Results only. Results are allocated based on average of 2008 & 2009 residential throughput.	April 15, 2018	Savings are considered to begin in the year in which the event occurs.	
4	saveONenergy HVAC Incentives	2015 Results only. Results directly attributed to LDC based on customer applications and postal code.	April 15, 2018	Savings are considered to begin in the year that the installation occurred.	
5	saveONenergy Residential New Construction	2015 Results only. Results are directly attributed to LDC based on LDC identified in application in the iCon system.	April 15, 2018	Savings are considered to begin in the year of the project completion date.	
6	saveONenergy Energy Audit	2015 Results only. Projects are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	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	2015 Results only. 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.	April 15, 2018	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 2015)
8	saveONenergy Direct Installed Lighting	2015 Results only. Results are directly attributed to LDC based on the LDC specified on the work order.	April 15, 2018	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).
9	saveONenergy New Construction and Major Renovation Incentive	2015 Results only. Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018		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).
10	saveONenergy Existing Building Commissioning Incentive	2015 Results only. Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018		
11	saveONenergy Process & System Upgrades	2015 Results only. Results are directly attributed to LDC based on LDC identified in application.	April 15, 2018	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).
12	saveONenergy Energy Manager	2015 Results only. Results are directly attributed to LDC based on LDC identified in application.	April 15, 2018	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	saveONenergy Monitoring & Targeting	2015 Results only. Results are directly attributed to LDC based on LDC identified in application.	April 15, 2018	Savings are considered to begin in the year in which the incentive project was completed.	
14	saveONenergy Home Assistance Program	2015 Results only. Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	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	2015 Results only. Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018		
16	Program Enabled Savings	2015 Results only.	April 15, 2018		

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Consumer Program Allocation Reference Table

#	Local Distribution Company	Allocation (%)
1	Alectra Utilities Corporation	19.77
2	Algoma Power Inc.	0.18
3	Atikokan Hydro Inc.	0.02
4	Attawapiskat Power Corporation	0.01
5	Bluewater Power Distribution Corporation	0.62
6	Brantford Power Inc.	0.67
7	Burlington Hydro Inc.	1.34
8	Canadian Niagara Power Inc.	0.35
9	Centre Wellington Hydro Ltd.	0.11
10	Chapleau Public Utilities Corporation	0.03
11	COLLUS PowerStream Corp.	0.25
12	Cooperative Hydro Embrun Inc.	0.06
13	E.L.K. Energy Inc.	0.25
14	Energy+ Inc.	1.12
15	Entegrus Powerlines Inc.	0.70
16	EnWin Utilities Ltd.	1.49
17	Erie Thames Powerlines Corporation	0.32
18	Espanola Regional Hydro Distribution Corporation	0.06
19	Essex Powerlines Corporation	0.61
20	Festival Hydro Inc.	0.32
21	Fort Albany Power Corporation	0.01
22	Fort Frances Power Corporation	0.09
23	Greater Sudbury Hydro Inc.	0.80
24	Grimsby Power Incorporated	0.18
25	Guelph Hydro Electric Systems Inc.	0.85
26	Halton Hills Hydro Inc.	0.59
27	Hearst Power Distribution Company Limited	0.05
28	Hydro 2000 Inc.	0.04
29	Hydro Hawkesbury Inc.	0.15
30	Hydro One Networks Inc.	27.29
31	Hydro Ottawa Limited	6.61
32	InnPower Corporation	0.33
33	Kashechewan Power Corporation	0.02
34	Kenora Hydro Electric Corporation Ltd.	0.09
35	Kingston Hydro Corporation	0.29
36	Kitchener-Wilmot Hydro Inc.	1.51
37	Lakefront Utilities Inc.	0.11
38	Lakeland Power Distribution Ltd.	0.23
39	London Hydro Inc.	2.61
40	Midland Power Utility Corporation	0.10
41	Milton Hydro Distribution Inc.	0.66
42	Newmarket-Tay Power Distribution Ltd.	0.60
43	Niagara Peninsula Energy Inc.	0.82
44	Niagara-on-the-Lake Hydro Inc.	0.13
45	North Bay Hydro Distribution Limited	0.42
46	Northern Ontario Wires Inc.	0.09
47	Oakville Hydro Electricity Distribution Inc.	1.51
48	Orangeville Hydro Limited	0.20
49	Orillia Power Distribution Corporation	0.22
50	Oshawa PUC Networks Inc.	1.48
51	Ottawa River Power Corporation	0.12
52	Peterborough Distribution Incorporated	0.46
53	PUC Distribution Inc.	0.65
54	Renfrew Hydro Inc.	0.05
55	Rideau St. Lawrence Distribution Inc.	0.07
56	Sioux Lookout Hydro Inc.	0.08
57	St. Thomas Energy Inc.	0.28
58	Thunder Bay Hydro Electricity Distribution Inc.	0.82
59	Tillsonburg Hydro Inc.	0.12
60	Toronto Hydro-Electric System Limited	15.57
61	Veridian Connections Inc.	2.39
62	Wasaga Distribution Inc.	0.18
63	Waterloo North Hydro Inc.	0.96
64	Welland Hydro-Electric System Corp.	0.31
65	Wellington North Power Inc.	0.06
66	West Coast Huron Energy Inc.	0.06
67	Westario Power Inc.	0.37
68	Whitby Hydro Electric Corporation	1.12
Total		**100.00**

2017 Final Verified Annual LDC CDM Program Results Report
Glossary

#	Term	Definition
	Reporting Terms	
1	Forecast	An LDCs' forecast of program activity, savings, net-to-gross adjustments, expenditures and cost effectiveness as indicated in each LDC's submitted CDM Plan Cost Effectiveness Tools. Forecasts at the province wide level are the sum of all LDCs' forecasts.
2	Reported	Program activity savings and expenditures as determined by the LDC. For savings: 1) for prescriptive projects/programs: calculating quantity x prescriptive savings assumptions; and 2) for engineered or custom program projects/programs: calculated using prescribed methodologies.
3	Verified	The IESO's annually EM&V assessed program activity, savings, net-to-gross, expenditures and cost effectiveness. Preliminary Verified results are provided by June 1st of each year and Final Verfied results are provided by July 1st of each year.
4	Adjustment	Verified results that were achieved in previous years but were not provided in a previous years' Annual Verified Results Report.
5	Progress or Comparison	An assessment of Actual results versus Verified results.
	Framework Terms	
6	2011-2014+2015 Extension Legacy Framework	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.
7	2015-2020 Conservation First Framework	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.
8	LDC Innovation Fund	A source of funding under the 2015-2020 Conservation First Framework separate from LDC CDM Plan Budgets that the IESO maintains to support LDC led program design and market testing of new initiatives. Savings from LDC Innovation Fund pilot programs contribute to the LDCs savings targets based on the LDC service territory the pilot program is delivered in.
9	Conservation Fund	A source of funding external to the 2015-2020 Conservation First Framework that provides financial support for innovative electricity conservation technologies, practices, research, and pilot programs. Savings from Conservation Fund pilot programs contribute to the LDCs savings targets based on the LDC service territory the pilot program is delivered in.
	Programs Terms	
10	Program	A Conservation & Demand Management offering focusing on a particular opportunity or customer end-use (e.g. Coupon; or Retrofit;) from the 2015-2020 Conservation First Framework.
11	Province-Wide Program	Programs available to all LDCs to deliver and that are consistent across the province.
12	Regional Program	Programs designed by LDCs to serve their region and approved by the IESO.
13	Local Program	Programs designed by LDCs to serve their communities and approved by the IESO.
14	Pilot Program	A program pilot that may achieve energy or demand savings and is funded separately from an LDC's CDM Plan Budget.
15	Initiative	A Conservation & Demand Management offering focusing on a particular opportunity or customer end-use (e.g. Fridge & Freezer Pickup) from the 2011-2014+2015 Extension Legacy Framework.
	Activity Terms	
16	Participation	A measure of the level of program participation, such as number of projects, homes, equipment, etc..
17	Unit of Measure	For a specific initiative the relevant type of participation acquired in the market place (e.g. appliances picked up; coupon products installed; HVAC equipment installed; audits performed; or projects completed;).
	Savings Terms	
18	Energy Savings	Energy savings attributable to conservation and demand management activities.
19	Peak Demand Savings	Peak Demand savings attributable to conservation and demand management activities, as determined by the IESO's EM&V Protocols.
20	Incremental Savings	The energy or peak demand savings newly attributable to activity procured in a particular reporting period based on when the savings are considered to 'start'. Savings attributed to activity performed or completed in 2016 are presented as 2016 savings.
21	First Year Savings	The energy or peak demand savings that occur in the year it was achieved (includes resource savings from only new program activity).
22	Annual Savings	The energy or peak demand savings that occur in a given year (includes resource savings from new program activity and resource savings persisting from previous years).
23	Gross Savings	The energy or peak demand savings that have been reported based on a conservation and demand management program's participation tracking.
24	Net Savings	The energy or peak demand savings attributable to conservation and demand management activities, net of free-riders, spill over, etc.
25	Realization Rate	A comparison of originally reported savings and observed or measured savings that adjusts reported savings to arrive at verified savings. Accounts for discrepancies such as audited measure counts; adjustment for connected demand savings to peak demand savings; etc.
26	Net-to-Gross Adjustment	The ratio of net savings to gross savings, which takes into account factors such as free-ridership, spillover, etc.
27	Free-ridership	The percentage of participants who would have implemented the program measure or practice in the absence of the program.
28	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.
29	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.
	Costs Terms	
30	Participant Incentive	Costs incurred in the delivery of a program related to incenting participants to perform peak demand or energy savings.
31	LDC Administrative Expense	Costs reported by the LDC in the delivery of a program related to labour, marketing, third-party expenses, etc.
32	IESO Value Added Services Cost	Costs incurred by the IESO's Value Added Service Provider related to associated programs (Coupons and Heating & Cooling), and charged to the LDC in which the programs's activity took place.
33	Total Administrative Expense	The sum of LDC Adminsitrative Expense and IESO Value Added Services Cost.
34	Delivery Cost	The sum of Total Administrative Expenses and Participant Incentives. **All costs are presented based on the period reported by LDCs to the IESO, not necessarily associated with reported activity.** **E.g. if an LDC reports by the December 2016 IESO Reporting Period: 1) program savings; 2) Participant Incentives; and 3) Administrative Expenses associated with a 2016 completed project, then: a) the savings; b) expenditures; and c) corresponding cost effectiveness; are attributed to the 2016 program year.** **However if the same is reported in or after the January 2017 IESO Reporting Period: i) the savings will be attributed to the 2016 program year; ii) the expenditures will be attributed to the 2017 program year and will not appear in the 2016 Verified Results Report; but iii) the project's Participant Incentives will be used to calculate 2016 Cost Effectiveness;**
35	Allocated Budget	Each LDC's assigned portion of the Province's $ 1.835 billion CDM Plan Budget of the 2015-2020 Conservation First Framework.
	Cost Effectiveness Terms	
36	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.
37	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.
38	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.

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Program Participation & Cost Report

Message from the IESO Reporting Team

The IESO is pleased to provide LDCs with the Monthly Program Participation & Cost Report.

This report is generally posted on the IESO LDC Extranet by the Friday of the week following the 15th of each month. The report provides province-wide and LDC specific program participation and costs to the extent known based on information received by the IESO from all distribution companies and IESO Value Added Service Provider.

The Monthly Program Participation & Cost Report includes preliminary, unverified results based on information received by the IESO. Upon verification of project information through the IESO Evaluation, Measurement and Verification (EM&V) process, results will be reported as 'verified'. Performance against CDM Plan information is also available in this report and is based on the LDC's approved CDM Plan as at the end of the reporting period. Where two or more LDCs have submitted a joint CDM Plan, the IESO will provide a Monthly Program Participation & Cost Report for each LDC included in the CDM Plan.

The IESO strives to improve on the current reporting processes to provide meaningful and timely information to LDCs. Your feedback is encouraged and appreciated. Should you have any feedback, questions or comments on this report please contact us at LDC.Support@ieso.ca.

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Program Participation & Cost Report

Table of Contents

#	Worksheet Name	Worksheet Description
1	Cover Letter	Provides an overview of the IESO Value Added Services Report.
2	How to Use This Report	Describes the contents and structure of this report.
3	LDC Summary	A high level summary of the Program Participation & Cost Report, including: 1) Progress toward the LDC's 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 LDC CDM Plan spending progress; 5) Graphs describing: a) Contribution to 2020 Target Achievement by program; b) Program to Date LDC CDM Plan Budget Spending by Sector; c) Annual energy savings persistence to 2020 by year; d) Allocated Target achievement progress relative to other LDCs; and e) LDC CDM Plan Budget Spending progress relative to other LDCs.
4	LDC Progress	A comprehensive report of 2015-20 conservation results including: 1) Activity; 2) Savings including; a) Net Energy; b) CDM Plan forecasts, verified actuals and relative progress; c) Allocated Target and Target achievement; and 3) Spending, including participant incentives and administrative expenses.
5	Province-Wide Summary	A high level summary of the Program Participation & Cost Report, including: 1) Progress toward the Province's a) Allocated 2020 Energy Savings Target; b) Allocated 2015-2020 LDC CDM Plan Budget; c) Savings and Spending 2015-2020 Forecasts; 2) Centrally Delivered Spending and Budget 3) LDCs who are forecasted to be over 2015-2020 allocated budget
6	Province-Wide Progress	A comprehensive report of 2015-20 conservation results including: 1) Activity; 2) Savings including; a) Net Energy; b) CDM Plan forecasts, verified actuals and relative progress; c) Allocated Target and Target achievement; and 3) Spending, including participant incentives and administrative expenses.
7	IESO VAS and CD Costs	Insight into the spending and savings of Centrally Delivered Programs and non-program related items.
8	Retrofit Multi-Site Applications	Provision of the LDCs and the Province-Wide aggregated Multi-Site Application activity and costs for each year of the Save on Energy Retrofit Program.
9	Methodology	Description of the methods used to calculate energy savings, financial results and cost-effectiveness.
10	Reference Tables	Consumer Program Province-Wide results allocation to specific LDCs.
11	Glossary	Definitions for the terms used throughout this report.

Program Participation & Cost Report

How to Use This Report

The IESO is pleased to provide you with the Monthly Participation and Cost Report.

This report provides:
1) program participation;
1) electricity savings; and
2) costs

to the extent known based on information received by the IESO in accordance with Section 9.2(c)(i) of the Energy Conservation Agreement.

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

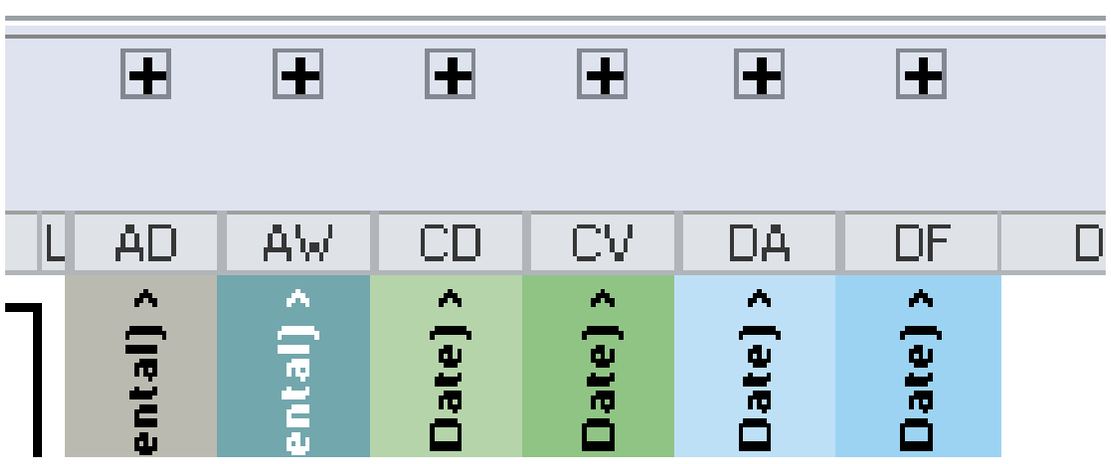
1) program participation results including:
   a) forecasts; b) actuals; and c) progress (forecast versus (vs) actuals);

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;
   and where available reported by: i) forecasts; ii) unverified and 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) unverified and 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 a dynamic sheet that can be expanded or collapsed by clicking the + button or "Show Detail" feature under the Data tab. Each of the results categories listed above have been grouped together for easy accessibility.



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;
   will not be available for the 2015 program year in this report but will be provided to LDCs once available.

2) forecasts of: a) activity; b) savings; and c) spending; included in this report are based on LDC submitted and IESO approved CDM Plan - Cost Effectiveness Tools as of the end of the reporting month.
   (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 Monthly Participation and Cost Report provides results for the LDC and province only. No aggregated reporting is provided for LDCs that are part of a joint CDM plan;

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Program Participation & Cost Report
Summary

Kitchener-Wilmot Hydro Inc.	
As of:	15-Apr-19

	CDM Plan	vs	Allocated	Paid Pre-Funding
CFF Target (kWh):	105,878,387		105,710,954	
CFF Budget:	$27,251,613		$27,710,719	$1,158,000

Summary of Performance Metrics

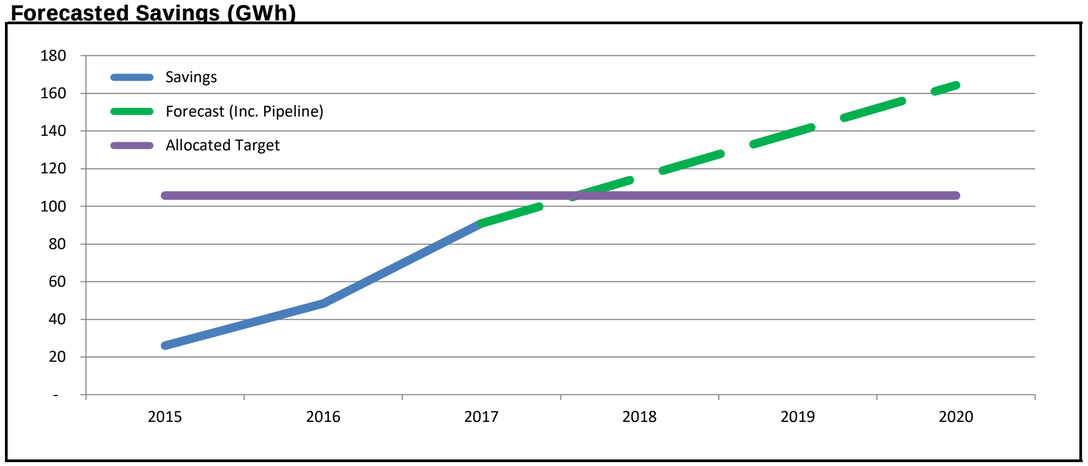
	2019 CDM Results	2019 CDM Plan %	6-year CDM Results	6-year CDM Plan %	6-year Allocated %
Net Energy Savings (kWh) as at 2020	256,298	1%	105,290,671	99.4%	99.6%
Total Actual Spending ($)	$ 1,186,030	22%	$ 15,321,072	56.2%	55.3%
Cost-effectiveness: Total Resource Cost Test (Ratio)	1.38		1.51		
Cost-effectiveness: Program Administrator Cost Test (Ratio)	4.60		3.95		
Cost-effectiveness: Levelized Unit Electricity Cost ($/kWh)	0.02		0.02		

LDC Ranking in the Province out of 67

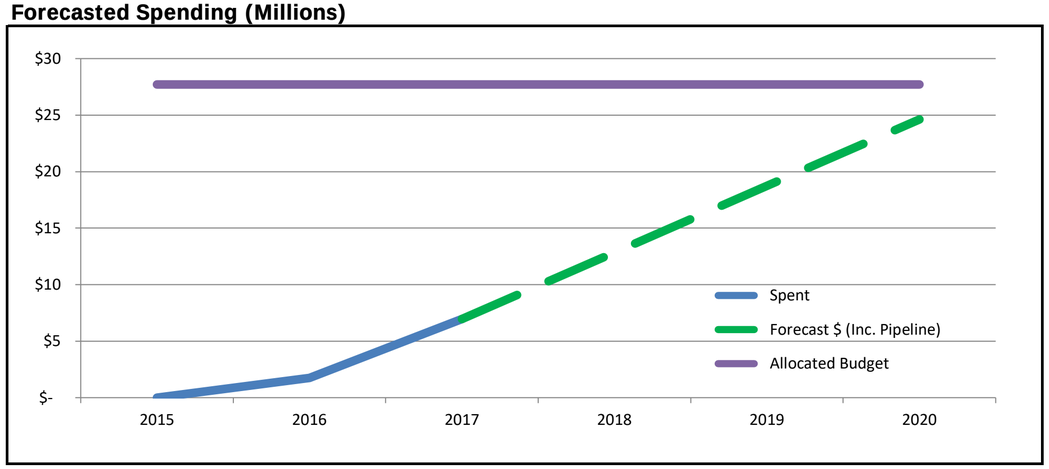
	Total % of 6-year Allocated Budget Spent	Total % of 6-year Allocated Target
This Month:	26	16
Last Month:	22	14

MTI Calculated Payout:	$	1,322,337	
2015-17 kWh & MTI Rate:		88,155,794	0.15 cents/kWh
Paid MTI Amount:	$	1,322,337	

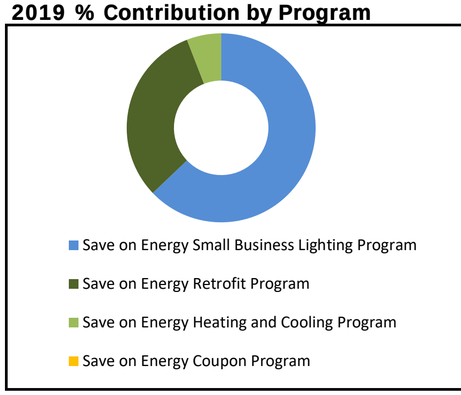
Forecasted Savings (GWh)



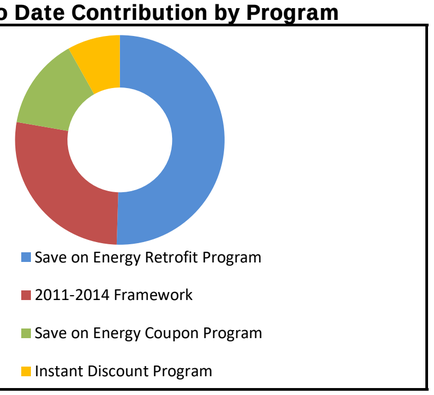
Forecasted Spending (Millions)



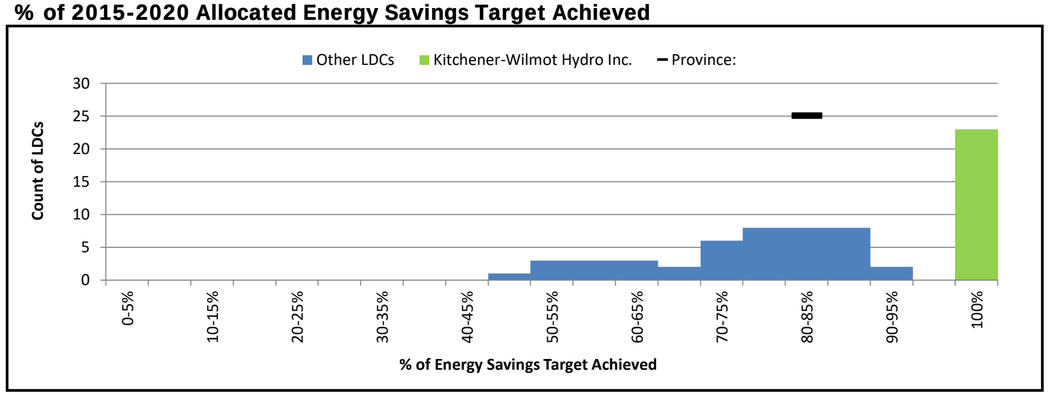
2019 % Contribution by Program



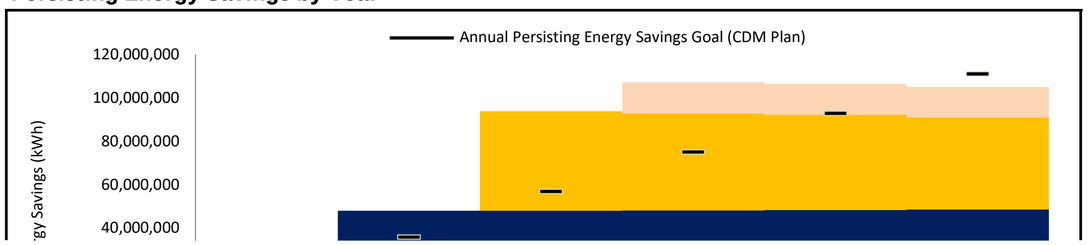
Framework to Date Contribution by Program



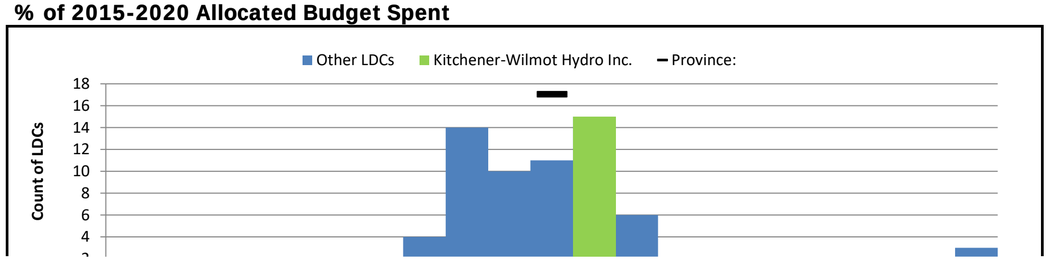
% of 2015-2020 Allocated Energy Savings Target Achieved



Persisting Energy Savings by Year



% of 2015-2020 Allocated Budget Spent



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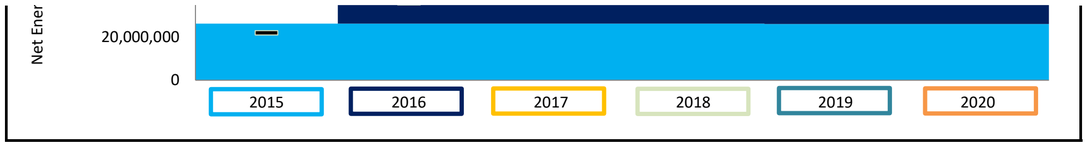

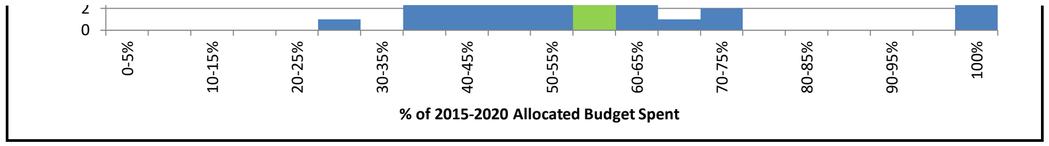

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Kitchener-Wilmot Hydro Inc.

As of: 15-Apr-19

	Program	2019 CDM Plan Forecast % kWh Target	2019 CDM Plan Forecast % Budget Spent	6-year CDM Plan Forecast % kWh Target	6-year CDM Plan Forecast % Budget Spent	Count (Incremental)	Energy Savings (Incremental)	Energy Savings (Persisiting to 2020)	Spending (Year to Date)	Spending (Program to Date)	Cost Effectiveness (Year to Date)	Cost Effectiveness (Prorgram to Date)
Residential (Province-Wide)	Save on Energy Coupon Program	0%	1%	142%	71%							
	Save on Energy Heating and Cooling Program	22%	152%	215%	140%							
	Save on Energy Home Assistance Program	0%	0%	10%	47%							
	Save on Energy Instant Discount Program											
	Save on Energy New Construction Program	0%	3%	71%	66%							
	Save on Energy Smart Thermostat Program											
	Save on Energy Whole Home Program											
	Residential Programs Total	**1%**	**32%**	**219%**	**115%**							
Non-Residential (Province-Wide)	Save on Energy Audit Funding Program	0%	23%	0%	36%							
	Save on Energy Retrofit Program	1%	26%	94%	55%							
	Save on Energy Retrofit Program - P4P											
	Save on Energy Retrofit Program Enabled Savings											
	Save on Energy Small Business Lighting Program	20%	26%	22%	25%							
	Save on Energy Business Refrigeration Program	0%	17%	369%	147%							
	Save on Energy Energy Performance Program											
	Save on Energy Existing Building Commissioning Program	0%	4%	0%	34%							
	Save on Energy High Performance New Construction Program	0%	6%	113%	71%							
	Save on Energy High Performance New Construction Program Enabled Savings											
	Save on Energy Process & Systems Upgrades Program	0%	1%	23%	15%							
	Save on Energy Process & Systems Upgrades Program - P4P											
	Save on Energy Process & Systems Upgrades Program Enabled Savings											
	Save on Energy Energy Manager Program	0%	90%	10%	176%							
	Save on Energy Monitoring & Targeting Program	0%	4%	0%	13%							
	Non-Residential Programs Total	**2%**	**19%**	**74%**	**43%**							
< Local LDC Programs	**Local LDC Programs Total**	**0%**		**56%**								
< LDC Innovation Pilots	**LDC Innovation Pilots Total**											
Target Gap												
Non-Approved Program												
Unassigned Program												
Energy Savings from 2011-2014 Framework				**124%**								
< **TOTAL Conservation First (CDM Plan Forecast)**		**1%**	**22%**	**99%**	**56%**							
TOTAL Conservation First (Target and Budget Allocation)				**100%**	**55%**							

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Province Wide Dashboard
High Level Summary

as of: **15-Apr-19**

LDCs and IESO Centrally Delivered

6.06 TWh achieved to date. 82% of allocated target and 16% ahead of CDM plans.

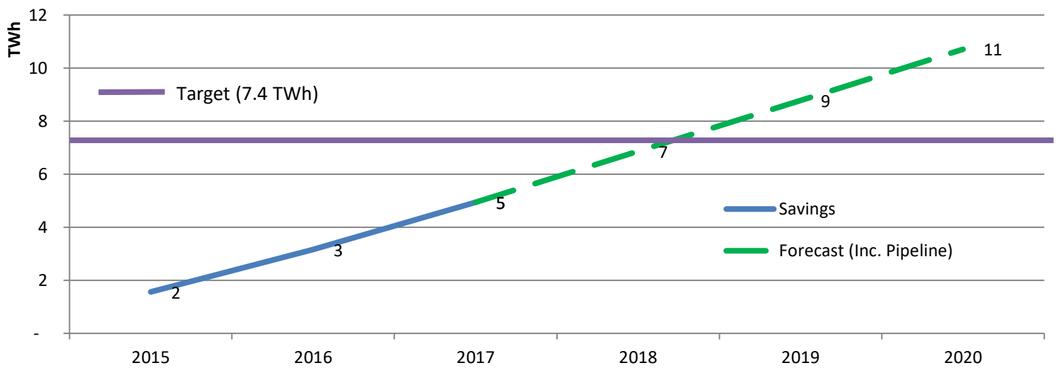
$1268.1 million spent to date. 52% of allocated budget and 19% behind CDM plans.

IAP

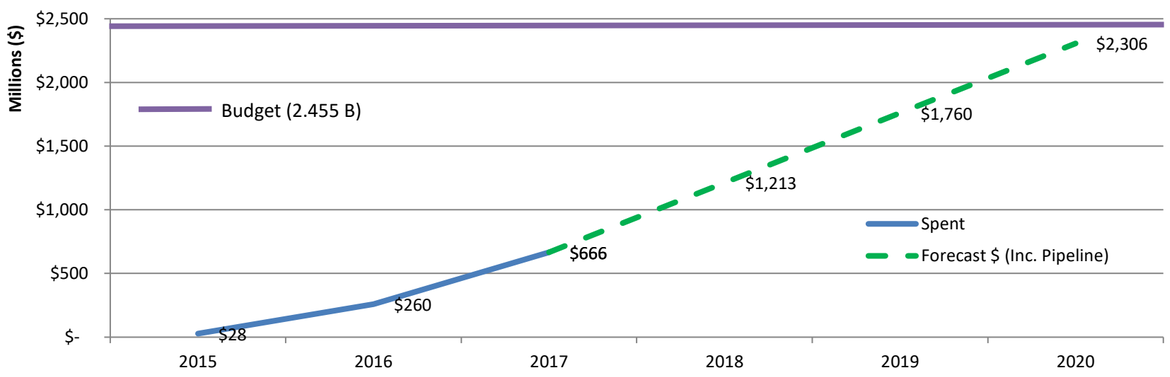
0.42 TWh achieved to date. 32% of allocated target.

$69.3 million spent to date. 27% of allocated budget.

Savings Summary (LDCs and IESO Centrally Delivered)



Spending Summary (LDCs and IESO Centrally Delivered)



LDCs Forecasted Spending in millions at 2020 (excluding First Nations)

		Allocated	Forecast	%
1	Milton Hydro Distribution Inc.	$11.91	$19.03	160%
2	Halton Hills Hydro Inc.	$8.39	$11.99	143%
3	EnWin Utilities Ltd.	$38.42	$48.31	126%
4	Tillsonburg Hydro Inc.	$2.88	$2.89	100%
5	Northern Ontario Wires Inc.	$1.17	$1.45	123%
6	Essex Powerlines Corporation	$8.53	$12.12	142%
7	Thunder Bay Hydro Electricity Distribution Inc.	$12.93	$20.95	162%
8	Brantford Power Inc.	$16.55	$17.84	108%
9	Midland Power Utility Corporation	$2.74	$2.57	94%
10	Orillia Power Distribution Corporation	$4.32	$4.46	103%
11	PUC Distribution Inc.	$7.44	$7.30	98%
12	London Hydro Inc.	$51.19	$49.80	97%
13	Hydro Ottawa Limited	$105.24	$92.54	88%
14	Algoma Power Inc.	$2.11	$1.93	92%
15	Erie Thames Powerlines Corporation	$7.11	$14.22	200%
16	Oakville Hydro Electricity Distribution Inc.	$24.58	$25.30	103%
17	Hydro One Networks Inc.	$338.36	$348.59	103%
18	Renfrew Hydro Inc.	$1.07	$1.03	96%
19	Burlington Hydro Inc.	$25.83	$25.77	100%

Central Services Spending in millions

	Total Actual	Budget
CFF Labour	$2.04	$5.40
Technical Services (to include tech reviewer)	$36.36	$77.40
IESO Infrastructure (IS, IT, CRM, Call Centre)	$6.73	$14.71
LDC Innovation Fund (Not including Whole Home)	$13.09	$30.64
Collaboration Fund	$4.60	$12.22
Capability Building, National Accounts & Energy Managers	$4.77	$37.03
Province Wide Marketing & Market Research	$35.65	$55.73
LDC Performance Incentives (MTI/ATI/ETI)	$68.04	$128.50
Centrally Delivered Programs Total	$27.92	$255.01
Centrally Delivered Provincial Total	$199.21	$616.64

Assumptions

Forecast (Deal Days): Assume savings/spending for 1 event a year.

Pipeline: Includes discounted Retrofit data in the pipeline and all PSUP and IAP projects.

Forecasts are a linear based on past performance, aside from large PSUP and IAP projects.

Forecasts include pipeline information as well as verified and unverified data.

Forecasts for savings are based on a 6 years, spending is based on a 5 years (legacy extension).

Province-Wide Progress

As of: 15-Apr-19

	Program	2019 CDM Plan Forecast % kWh Target	2019 CDM Plan Forecast % Budget Spent	6-year CDM Plan Forecast % kWh Target	6-year CDM Plan Forecast % Budget Spent	Count (Incremental)	Energy Savings (Incremental)	Energy Savings (Persisiting to 2020)	Spending (Year to Date)	Spending (Program to Date)	Cost Effectiveness (Year to Date)	Cost Effectiveness (Prorgram to Date)
Residential (Province-Wide)	Save on Energy Coupon Program	0%	2%	136%	82%							
	Save on Energy Heating and Cooling Program	2%	23%	88%	73%							
	Save on Energy Home Assistance Program	1%	5%	58%	48%							
	Save on Energy Instant Discount Program			5307%	9325%							
	Save on Energy New Construction Program	4%	24%	33%	58%							
	Save on Energy Smart Thermostat Program	0%	45%	112%	32%							
	Save on Energy Whole Home Program	0%	0%	25%	0%							
	Residential Programs Total	**1%**	**16%**	**168%**	**83%**							
Non-Residential (Province-Wide)	Save on Energy Audit Funding Program	0%	20%	56%	64%							
	Save on Energy Retrofit Program	2%	35%	84%	66%							
	Save on Energy Retrofit Program - P4P	0%	13%	38%	26%							
	Save on Energy Retrofit Program Enabled Savings		0%	240%	0%							
	Save on Energy Small Business Lighting Program	15%	32%	52%	53%							
	Save on Energy Business Refrigeration Program	13%	21%	49%	44%							
	Save on Energy Existing Building Commissioning Program	0%	5%	14%	34%							
	Save on Energy High Performance New Construction Program	1%	24%	92%	64%							
	Save on Energy High Performance New Construction Program Enabled Savings											
	Save on Energy Process & Systems Upgrades Program	1%	5%	9%	21%							
	Save on Energy Process & Systems Upgrades Program - P4P			152%	93%							
	Save on Energy Process & Systems Upgrades Program Enabled Savings											
	Save on Energy Energy Manager Program	12%	15%	68%	37%							
	Save on Energy Monitoring & Targeting Program	0%	11%	2%	26%							
	Non-Residential Programs Total	**2%**	**20%**	**61%**	**49%**							
< Local LDC Programs	**Local LDC Programs Total**	**0%**	**15%**	**43%**	**40%**							
< LDC Innovation	**LDC Innovation Pilots Total**	**0%**	**0%**	**188%**	**8%**							
Centrally Delivered	**Centrally Delivered Total**	**10%**		**9%**	**49%**							
Target Gap												
Non-Approved Program												
Unassigned Program												
Energy Savings from 2011-2014 Framework				**115%**								
< **TOTAL Conservation First (CDM Plan Forecast)**		**2%**	**48%**	**82%**	**52%**							
TOTAL Conservation First (Target and Budget Allocation)				**82%**	**52%**							
Industrial Accelerator		**5%**	**27%**	**32%**	**27%**							

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Program Participation & Cost Report

IESO Value Added Services Costs and Centrally Delivered Costs

Kitchener-Wilmot Hydro Inc.

Unless otherwise stated, all values are unverified

Year end adjustments for invalid coupons that didn't align with retailer sales data are done in the Decembers IESO reporting period.

*The IESO adjusted values reported as Value Added Services Unverified Adjustments from Previous Years to discount savings reported as verified savings from previous years.

		Activity	Measures Installed	Net Incremental Energy Savings (kWh)	Administrative Expenses (Variable)	Participant Incentives	Total Value Added Services Spending
Provincial Value Added Services Actuals for the period	Coupon Total	Measures	38,087,165	1,035,550,189	$ 10,575,058	$ 101,323,731	$ 111,898,788
	Instant Discount Program to Date Total	Measures	31,123,156	629,597,669	$ 2,242,531	$ 53,796,834	$ 56,039,366
	Heating and Cooling Program to Date Total	Equipment	212,703	129,777,545	$ 2,403,050	$ 99,195,550	$ 101,598,600
	Smart Thermostat Program to Date Total	Equipment	21,095	6,195,178	$ 79,405	$ 794,050	$ 873,455
	LDC Value Added Services Provincial Total			**1,801,120,581**	**$ 15,300,044**	**$ 255,110,165**	**$ 270,410,209**
LDC Value Added Services Actuals for the period	Coupon Total	Measures	525,545	14,823,722	$ 130,398	$ 1,391,605	$ 1,522,003
	Instant Discount Program to Date Total	Measures	472,811	9,537,550	$ 34,002	$ 814,739	$ 848,741
	Heating and Cooling Program to Date Total	Equipment	7,997	4,927,794	$ 100,481	$ 2,729,600	$ 2,830,081
	Smart Thermostat Pilot Program to Date Total	Equipment	-	0	$ -	$ -	$ -
	LDC Value Added Services LDC Total			**29,289,066**	**$ 264,880**	**$ 4,935,944**	**$ 5,200,824**
Provincial Centrally Delivered Actuals for the period	CFF Labour				$ 2,041,298		$ 2,041,298
	Technical Services (to include tech reviewer)				$ 36,364,605		$ 36,364,605
	IESO Infrastructure (IS, IT, CRM, Call Centre)				$ 6,729,087		$ 6,729,087
	LDC Innovation Fund (Not including Whole Home)				$ 13,087,154		$ 13,087,154
	Collaboration Fund				$ 4,604,611		$ 4,604,611
	Capability Building, National Accounts & Energy Managers				$ 4,774,004		$ 4,774,004
	Province Wide Marketing & Market Research				$ 35,652,336		$ 35,652,336
	LDC Performance Incentives (MTI/ATI/ETI)				$ 68,036,082		$ 68,036,082
	Centrally Delivered Programs Total		161,778.2	12,529,974	$ 23,606,155	$ 4,313,506	$ 27,919,661
	Centrally Delivered Provincial Total				**$ 194,895,330**	**$ 4,313,506**	**$ 199,208,837**

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Program Participation & Cost Report

Save on Energy Retrofit Program - Multi-Site Applications

^
By Month

Kitchener-Wilmot Hydro Inc.

As of: 15-Apr-19

	Program	Unit	2015 Year to Date Count	2016 Year to Date Count	2017 Unverified Year to Date Count	2018 Unverified Year to Date Count	2019 Unverified Year to Date Count	Program to Date Count	Count (Incremental) >	Energy Savings (Incremental) >	Energy Savings (Persisting to 2020) >	Spending (Year to Date) >
Provincial Actuals for the Period	Save on Energy Retrofit Program	Projects	3,401	11,666	7,007	8,190	210	30,474				
	Save on Energy Retrofit Program - P4P	Projects	79	780	872	388	1	2,120				
	Multi-Site Applications*	Projects			832	601	24	1,457				
LDC Actuals for the Period	Save on Energy Retrofit Program	Projects	7	254	171	275	7	714				
	Save on Energy Retrofit Program - P4P	Projects										
	Multi-Site Applications*	Projects		14	21	11		46				

*Only contains UNVERIFIED data. For MSA in final verified results please request

a complete project list by emailing LDC.Support@ieso.ca

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General

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

Forecasting

Forecasting is a linear formulae used to predict savings and spending. Savings are based on a 72 month period, spending is based on a 60 month period because of the legacy extension year.

Savings and spending are calculated the same aside from the ratio used for the denominator to determine how many more months should be projected forewords ($ uses 60 months, kWh uses 72 months as described above).

Forecasting is calculated as follows:

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Pipeline: For Retrofit the pipeline data is based on projects not already submitted.

Pre stage application status' are discounted based on created year. If todays date less the creation data is 3 years or older, the discount rate is a random number between 99% - 100%, 2 years 92% - 100%, 1 year 70% - 100%

Discount rates were established based on an analysis conducted by the IESO including all province wide Retrofit data spanning from 2014 onward.

Retrofit Post stage applications and PSUI applications are not discounted at all.

Instant Discounts is projected forward based on 2018 results but discounted by half, then added back into the forecast.

Instant Discounts savings are expected to be reduced by half as there is only 1 event a year projected for Instant Discounts as appose to 2 that was in 2018.

Coupons Program is removed from future projections as the program is discontinued. It is then added back into the forecast similar to PSUI.

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	Savings 'start' Date	Calculating Resource Savings	Project Count
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.	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.	Based on project completion date. Count is based of the unit of measurement shown beside the program name. Eg Retrofit is the count of Projects.
2	saveONenergy 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.		
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.	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.	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.	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.	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.	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.	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.		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				
12	saveONenergy 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).	
13	saveONenergy Monitoring & Targeting				
14	saveONenergy Energy Manager		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.		
14	saveONenergy 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.	
15	Aboriginal Conservation Program				

2015-2020 Conservation First Framework Programs

#	Program	Attributing Savings to LDCs	Savings 'Start' Date	Calculating Resource Savings	Project Count
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.	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.	Based on project completion date. Count is the number of line items (rows) that are entered into the "Program Activity Information" tab in the LDC Report Template.
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	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.	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.	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.	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.	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.	Savings are considered to begin in the year of the actual project completion date. Count is based off the actual 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).	
8	Save on Energy High Performance New Construction Program	Results are directly attributed to LDC based on LDC identified in the application.		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.	Based on project completion date. Could be a future completion date as incentives are paid before the project is completed.
9	Save on Energy Existing Building Commissioning Program				Based on project completion date. Count is the number of line items (rows) that are entered into the "Program Activity Information" tab in the LDC Report Template.
10	Save on Energy Process and Systems Upgrades Program	Results are directly attributed to LDC based on LDC identified in application.	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.	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.	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.		Based on project completion date. Could be a future completion date as incentives are paid before the project is completed.
13	Business Refrigeration Incentive 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 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).	Based on project completion date. Count is the number of line items (rows) that are entered into the "Program Activity Information" tab in the LDC Report Template.
14	Social Benchmarking Program		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		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.

Program Participation & Cost Report
Consumer Program Allocation Methodology

Year	Local Distribution Company	Allocation
2016 03 31 - Current	Algoma Power Inc.	0.1820%
2016 03 31 - Current	Atikokan Hydro Inc.	0.0229%
2016 03 31 - Current	Attawapiskat Power Corporation	0.0149%
2016 03 31 - Current	Bluewater Power Distribution Corporation	0.6152%
2016 03 31 - Current	Brantford Power Inc.	0.6715%
2016 03 31 - Current	Burlington Hydro Inc.	1.3392%
2016 03 31 - Current	Canadian Niagara Power Inc.	0.3472%
2016 03 31 - Current	Centre Wellington Hydro Ltd.	0.1058%
2016 03 31 - Current	Chapleau Public Utilities Corporation	0.0282%
2016 03 31 - Current	COLLUS PowerStream Corp.	0.2546%
2016 03 31 - Current	Cooperative Hydro Embrun Inc.	0.0563%
2016 03 31 - Current	E.L.K. Energy Inc.	0.2455%
2016 03 31 - Current	Energy+ Inc.	1.1217%
2016 03 31 - Current	Enersource Hydro Mississauga Inc.	4.6424%
2016 03 31 - Current	Entegrus Powerlines Inc.	0.7018%
2016 03 31 - Current	EnWin Utilities Ltd.	1.4909%
2016 03 31 - Current	Erie Thames Powerlines Corporation	0.3197%
2016 03 31 - Current	Espanola Regional Hydro Distribution Corporation	0.0637%
2016 03 31 - Current	Essex Powerlines Corporation	0.6061%
2016 03 31 - Current	Festival Hydro Inc.	0.3248%
2016 03 31 - Current	Fort Albany Power Corporation	0.0099%
2016 03 31 - Current	Fort Frances Power Corporation	0.0900%
2016 03 31 - Current	Greater Sudbury Hydro Inc.	0.7993%
2016 03 31 - Current	Grimsby Power Incorporated	0.1813%
2016 03 31 - Current	Guelph Hydro Electric Systems Inc.	0.8531%
2016 03 31 - Current	Halton Hills Hydro Inc.	0.5897%
2016 03 31 - Current	Hearst Power Distribution Company Limited	0.0510%
2016 03 31 - Current	Horizon Utilities Corporation	3.7200%
2016 03 31 - Current	Hydro 2000 Inc.	0.0394%
2016 03 31 - Current	Hydro Hawkesbury Inc.	0.1467%
2016 03 31 - Current	Hydro One Brampton Networks Inc.	3.5920%
2016 03 31 - Current	Hydro One Networks Inc.	27.2865%
2016 03 31 - Current	Hydro Ottawa Limited	6.6052%

2016 03 31 - Current	InnPower Corporation	0.3309%
2016 03 31 - Current	Kashechewan Power Corporation	0.0177%
2016 03 31 - Current	Kenora Hydro Electric Corporation Ltd.	0.0896%
2016 03 31 - Current	Kingston Hydro Corporation	0.2939%
2016 03 31 - Current	Kitchener-Wilmot Hydro Inc.	1.5077%
2016 03 31 - Current	Lakefront Utilities Inc.	0.1128%
2016 03 31 - Current	Lakeland Power Distribution Ltd.	0.2288%
2016 03 31 - Current	London Hydro Inc.	2.6114%
2016 03 31 - Current	Midland Power Utility Corporation	0.1014%
2016 03 31 - Current	Milton Hydro Distribution Inc.	0.6579%
2016 03 31 - Current	Newmarket-Tay Power Distribution Ltd.	0.5977%
2016 03 31 - Current	Niagara Peninsula Energy Inc.	0.8158%
2016 03 31 - Current	Niagara-on-the-Lake Hydro Inc.	0.1304%
2016 03 31 - Current	North Bay Hydro Distribution Limited	0.4153%
2016 03 31 - Current	Northern Ontario Wires Inc.	0.0860%
2016 03 31 - Current	Oakville Hydro Electricity Distribution Inc.	1.5097%
2016 03 31 - Current	Orangeville Hydro Limited	0.2004%
2016 03 31 - Current	Orillia Power Distribution Corporation	0.2220%
2016 03 31 - Current	Oshawa PUC Networks Inc.	1.4845%
2016 03 31 - Current	Ottawa River Power Corporation	0.1225%
2016 03 31 - Current	Peterborough Distribution Incorporated	0.4607%
2016 03 31 - Current	PowerStream Inc.	7.8184%
2016 03 31 - Current	PUC Distribution Inc.	0.6545%
2016 03 31 - Current	Renfrew Hydro Inc.	0.0477%
2016 03 31 - Current	Rideau St. Lawrence Distribution Inc.	0.0670%
2016 03 31 - Current	Sioux Lookout Hydro Inc.	0.0776%
2016 03 31 - Current	St. Thomas Energy Inc.	0.2780%
2016 03 31 - Current	Thunder Bay Hydro Electricity Distribution Inc.	0.8172%
2016 03 31 - Current	Tillsonburg Hydro Inc.	0.1169%
2016 03 31 - Current	Toronto Hydro-Electric System Limited	15.5698%
2016 03 31 - Current	Veridian Connections Inc.	2.3879%
2016 03 31 - Current	Wasaga Distribution Inc.	0.1754%
2016 03 31 - Current	Waterloo North Hydro Inc.	0.9590%
2016 03 31 - Current	Welland Hydro-Electric System Corp.	0.3103%
2016 03 31 - Current	Wellington North Power Inc.	0.0570%
2016 03 31 - Current	West Coast Huron Energy Inc.	0.0585%
2016 03 31 - Current	Westario Power Inc.	0.3654%
2016 03 31 - Current	Whitby Hydro Electric Corporation	1.1240%
2011 - 2016 03 31	Algoma Power Inc.	0.2207%

2011 - 2016 03 31	Atikokan Hydro Inc.	0.0265%
2011 - 2016 03 31	Attawapiskat Power Corporation	0.0255%
2011 - 2016 03 31	Bluewater Power Distribution Corporation	0.6460%
2011 - 2016 03 31	Brant County Power Inc.	0.1979%
2011 - 2016 03 31	Brantford Power Inc.	0.7255%
2011 - 2016 03 31	Burlington Hydro Inc.	1.3757%
2011 - 2016 03 31	Cambridge and North Dumfries Hydro Inc.	0.9578%
2011 - 2016 03 31	Canadian Niagara Power Inc.	0.5110%
2011 - 2016 03 31	Centre Wellington Hydro Ltd.	0.1129%
2011 - 2016 03 31	Chapleau Public Utilities Corporation	0.0379%
2011 - 2016 03 31	COLLUS PowerStream Corp.	0.2858%
2011 - 2016 03 31	Cooperative Hydro Embrun Inc.	0.0494%
2011 - 2016 03 31	E.L.K. Energy Inc.	0.2270%
2011 - 2016 03 31	Enersource Hydro Mississauga Inc.	3.9265%
2011 - 2016 03 31	Entegrus Powerlines Inc.	0.7226%
2011 - 2016 03 31	EnWin Utilities Ltd.	1.5542%
2011 - 2016 03 31	Erie Thames Powerlines Corporation	0.3535%
2011 - 2016 03 31	Espanola Regional Hydro Distribution Corporation	0.0821%
2011 - 2016 03 31	Essex Powerlines Corporation	0.6539%
2011 - 2016 03 31	Festival Hydro Inc.	0.3498%
2011 - 2016 03 31	Fort Albany Power Corporation	0.0212%
2011 - 2016 03 31	Fort Frances Power Corporation	0.0995%
2011 - 2016 03 31	Greater Sudbury Hydro Inc.	1.0276%
2011 - 2016 03 31	Grimsby Power Incorporated	0.2279%
2011 - 2016 03 31	Guelph Hydro Electric Systems Inc.	0.8983%
2011 - 2016 03 31	Haldimand County Hydro Inc.	0.4244%
2011 - 2016 03 31	Halton Hills Hydro Inc.	0.5475%
2011 - 2016 03 31	Hearst Power Distribution Company Limited	0.0667%
2011 - 2016 03 31	Horizon Utilities Corporation	4.0429%
2011 - 2016 03 31	Hydro 2000 Inc.	0.0390%
2011 - 2016 03 31	Hydro Hawkesbury Inc.	0.1394%
2011 - 2016 03 31	Hydro One Brampton Networks Inc.	2.8180%
2011 - 2016 03 31	Hydro One Networks Inc.	29.9788%
2011 - 2016 03 31	Hydro Ottawa Limited	5.5954%
2011 - 2016 03 31	InnPower Corporation	0.3951%
2011 - 2016 03 31	Kashechewan Power Corporation	0.0286%
2011 - 2016 03 31	Kenora Hydro Electric Corporation Ltd.	0.0989%
2011 - 2016 03 31	Kingston Hydro Corporation	0.5014%
2011 - 2016 03 31	Kitchener-Wilmot Hydro Inc.	1.6310%

2011 - 2016 03 31	Lakefront Utilities Inc.	0.1907%
2011 - 2016 03 31	Lakeland Power Distribution Ltd.	0.2906%
2011 - 2016 03 31	London Hydro Inc.	2.7308%
2011 - 2016 03 31	Midland Power Utility Corporation	0.1196%
2011 - 2016 03 31	Milton Hydro Distribution Inc.	0.5695%
2011 - 2016 03 31	Newmarket-Tay Power Distribution Ltd.	0.6607%
2011 - 2016 03 31	Niagara Peninsula Energy Inc.	0.9945%
2011 - 2016 03 31	Niagara-on-the-Lake Hydro Inc.	0.1586%
2011 - 2016 03 31	Norfolk Power Distribution Inc.	0.3495%
2011 - 2016 03 31	North Bay Hydro Distribution Limited	0.5333%
2011 - 2016 03 31	Northern Ontario Wires Inc.	0.1061%
2011 - 2016 03 31	Oakville Hydro Electricity Distribution Inc.	1.4632%
2011 - 2016 03 31	Orangeville Hydro Limited	0.2120%
2011 - 2016 03 31	Orillia Power Distribution Corporation	0.2722%
2011 - 2016 03 31	Oshawa PUC Networks Inc.	1.2283%
2011 - 2016 03 31	Ottawa River Power Corporation	0.1974%
2011 - 2016 03 31	Peterborough Distribution Incorporated	0.7132%
2011 - 2016 03 31	PowerStream Inc.	6.6383%
2011 - 2016 03 31	PUC Distribution Inc.	0.8687%
2011 - 2016 03 31	Renfrew Hydro Inc.	0.0775%
2011 - 2016 03 31	Rideau St. Lawrence Distribution Inc.	0.1120%
2011 - 2016 03 31	Sioux Lookout Hydro Inc.	0.0841%
2011 - 2016 03 31	St. Thomas Energy Inc.	0.2939%
2011 - 2016 03 31	Thunder Bay Hydro Electricity Distribution Inc.	0.8738%
2011 - 2016 03 31	Tillsonburg Hydro Inc.	0.1280%
2011 - 2016 03 31	Toronto Hydro-Electric System Limited	12.7979%
2011 - 2016 03 31	Veridian Connections Inc.	2.3525%
2011 - 2016 03 31	Wasaga Distribution Inc.	0.1799%
2011 - 2016 03 31	Waterloo North Hydro Inc.	1.0019%
2011 - 2016 03 31	Welland Hydro-Electric System Corp.	0.3879%
2011 - 2016 03 31	Wellington North Power Inc.	0.0632%
2011 - 2016 03 31	West Coast Huron Energy Inc.	0.0653%
2011 - 2016 03 31	Westario Power Inc.	0.5411%
2011 - 2016 03 31	Whitby Hydro Electric Corporation	0.8651%
2011 - 2016 03 31	Woodstock Hydro Services Inc.	0.2548%

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

Program Participation & Cost Report
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.

LDC Current Plan ID	# of LDCs in CDM Plan	Province Wide	Allocated Budget	Program to Date Total Actual Spending	% of 6 Year Allocated Target Bracket	% of 6 Year Allocated Budget Spent	Rank out of 68 (Budget)	2019 03 - % of 6 Year Allocated Budget Spent	2019 03 - Rank (Budget)	2019 02 - % of 6 Year Allocated Budget Spent
1608190003	3	Fort Albany Power Corporation	$ 98,990	$ 1,053,143	100%	1063.89%	1	1063.89%	1	1046.43%
1608190003	3	Attawapiskat Power Corporation	$ 148,832	$ 1,073,270	100%	721.13%	2	721.13%	2	704.11%
1608190003	3	Kashechewan Power Corporation	$ 155,966	$ 1,094,800	100%	701.95%	3	701.95%	3	687.39%
1712110016	3	Essex Powerlines Corporation	$ 8,532,573	$ 6,187,702	70-75%	72.52%	5	71.27%	4	69.98%
1603220043	2	London Hydro Inc.	$ 51,192,690	$ 30,924,383	60-65%	60.41%	11	59.42%	10	58.43%
1712070009	2	Algoma Power Inc.	$ 2,107,963	$ 1,337,879	60-65%	63.47%	7	62.60%	7	61.88%
1712070009	2	Canadian Niagara Power Inc.	$ 7,355,555	$ 4,314,155	55-60%	58.65%	19	57.02%	19	56.43%
1711020002	5	Thunder Bay Hydro Electricity Distribution Inc.	$ 12,927,445	$ 7,730,656	55-60%	59.80%	14	59.29%	11	54.60%
1711060081	3	COLLUS PowerStream Corp.	$ 4,446,841	$ 2,662,451	55-60%	59.87%	13	58.71%	13	56.23%
1712110016	3	Entegrus Powerlines Inc.	$ 23,339,399	$ 10,401,369	40-45%	44.57%	50	43.88%	43	42.84%
1708020048	1	Niagara-on-the-Lake Hydro Inc.	$ 2,993,633	$ 1,558,544	50-55%	52.06%	32	51.26%	29	49.69%
1712040024	6	Greater Sudbury Hydro Inc.	$ 9,672,498	$ 5,806,747	60-65%	60.03%	12	57.22%	18	57.04%
1705240034	2	Hydro One Networks Inc.	$ 338,355,409	$ 190,426,385	55-60%	56.28%	22	55.59%	21	54.79%
1705040010	7	Ottawa River Power Corporation	$ 2,282,373	$ 1,363,062	55-60%	59.72%	16	57.96%	16	57.87%
1708170068	2	Oakville Hydro Electricity Distribution Inc.	$ 24,575,982	$ 14,682,396	55-60%	59.74%	15	58.78%	12	58.39%
1711020002	5	Atikokan Hydro Inc.	$ 311,330	$ 168,277	50-55%	54.05%	29	53.77%	24	53.77%
1711020035	2	Hydro Ottawa Limited	$ 105,242,155	$ 61,857,174	55-60%	58.78%	18	57.89%	17	56.88%
1711060081	3	Alectra Utilities Corporation	$ 414,824,478	$ 204,597,454	45-50%	49.32%	39	48.91%	37	46.94%
1705030055	1	Orillia Power Distribution Corporation	$ 4,318,856	$ 1,962,045	45-50%	45.43%	48	43.14%	49	41.37%
1708170068	2	Toronto Hydro-Electric System Limited	$ 396,296,506	$ 204,582,497	50-55%	51.62%	34	50.52%	31	49.71%
1605240006	1	Brantford Power Inc.	$ 16,548,458	$ 6,391,387	35-40%	38.62%	64	37.51%	63	37.38%
1711020028	3	Milton Hydro Distribution Inc.	$ 11,911,927	$ 7,076,875	55-60%	59.41%	17	58.38%	14	57.48%
1711020047	1	Niagara Peninsula Energy Inc.	$ 19,056,865	$ 8,329,631	40-45%	43.71%	56	42.33%	51	41.72%
1705040010	7	Midland Power Utility Corporation	$ 2,739,690	$ 1,669,807	60-65%	60.95%	9	57.99%	15	57.81%
1712040024	6	Northern Ontario Wires Inc.	$ 1,174,934	$ 865,722	70-75%	73.68%	4	69.85%	5	69.84%
1801300040	2	InnPower Corporation	$ 3,680,241	$ 1,947,610	50-55%	52.92%	31	52.02%	27	50.88%
1712040024	6	North Bay Hydro Distribution Limited	$ 5,545,424	$ 3,082,149	55-60%	55.58%	25	51.81%	28	51.65%
1706020011	3	Hearst Power Distribution Company Limited	$ 843,903	$ 513,039	60-65%	60.79%	10	59.87%	9	58.29%
1708150032	3	Cooperative Hydro Embrun Inc.	$ 525,743	$ 295,541	55-60%	56.21%	23	55.73%	20	55.09%
1511110072	1	Welland Hydro-Electric System Corp.	$ 6,584,437	$ 2,962,759	40-45%	45.00%	49	41.59%	57	41.53%
1602260059	1	Peterborough Distribution Incorporated	$ 9,781,455	$ 5,279,699	50-55%	53.98%	30	52.19%	26	51.54%
1705120069	2	Veridian Connections Inc.	$ 37,982,340	$ 19,012,389	50-55%	50.06%	38	48.91%	36	47.91%
1705040010	7	Centre Wellington Hydro Ltd.	$ 2,252,724	$ 1,053,854	45-50%	46.78%	44	42.01%	53	41.94%
1711020035	2	Renfrew Hydro Inc.	$ 1,070,574	$ 695,978	65-70%	65.01%	6	64.14%	6	56.65%
1711060081	3	Erie Thames Powerlines Corporation	$ 7,104,954	$ 3,695,366	50-55%	52.01%	33	50.06%	33	49.14%
1705120069	2	Whitby Hydro Electric Corporation	$ 15,860,460	$ 6,501,246	40-45%	40.99%	61	39.50%	59	39.01%
1709290080	2	Westario Power Inc.	$ 6,101,269	$ 3,007,585	45-50%	49.29%	40	48.10%	38	47.43%
1711020026	1	Guelph Hydro Electric Systems Inc.	$ 24,920,625	$ 11,606,262	45-50%	46.57%	45	46.29%	42	45.24%
1712040024	6	Newmarket-Tay Power Distribution Ltd.	$ 9,649,555	$ 4,166,410	40-45%	43.18%	58	41.37%	58	41.18%
1711020028	3	Burlington Hydro Inc.	$ 25,825,521	$ 14,446,626	55-60%	55.94%	24	50.66%	30	49.90%
1705240034	2	Festival Hydro Inc.	$ 8,768,149	$ 4,835,579	55-60%	55.15%	27	52.74%	25	52.61%
1708150032	3	Hydro 2000 Inc.	$ 394,750	$ 175,513	40-45%	44.46%	52	43.25%	48	42.04%
1705040010	7	Wasaga Distribution Inc.	$ 1,814,647	$ 828,719	45-50%	45.67%	46	43.04%	50	42.74%
1701180056	1	Oshawa PUC Networks Inc.	$ 19,963,922	$ 8,773,132	40-45%	43.94%	54	43.53%	46	43.45%
1712040024	6	PUC Distribution Inc.	$ 7,440,107	$ 4,672,125	60-65%	62.80%	8	60.40%	8	60.18%
1708080014	1	E.L.K. Energy Inc.	$ 4,273,057	$ 1,840,694	40-45%	43.08%	59	39.35%	60	38.63%
1705040010	7	Lakeland Power Distribution Ltd.	$ 4,142,391	$ 1,846,044	40-45%	44.56%	51	41.85%	55	41.75%
1801300040	2	Kitchener-Wilmot Hydro Inc.	$ 27,710,719	$ 15,321,072	55-60%	55.29%	26	54.71%	22	53.54%
1711020002	5	Fort Frances Power Corporation	$ 1,109,758	$ 477,358	40-45%	43.01%	60	41.96%	54	41.21%
1601220071	1	Waterloo North Hydro Inc.	$ 21,192,868	$ 9,303,980	40-45%	43.90%	55	42.31%	52	40.70%
1711020073	1	Wellington North Power Inc.	$ 1,493,412	$ 607,012	40-45%	40.65%	62	38.60%	62	37.77%
1712040024	6	Espanola Regional Hydro Distribution Corporation	$ 685,489	$ 345,799	50-55%	50.45%	35	47.94%	40	47.74%
1705180004	1	Bluewater Power Distribution Corporation	$ 15,838,687	$ 6,991,861	40-45%	44.14%	53	41.80%	56	38.85%
1705040010	7	Rideau St. Lawrence Distribution Inc.	$ 1,306,239	$ 761,989	55-60%	58.33%	20	43.56%	45	43.43%
1708150032	3	Hydro Hawkesbury Inc.	$ 2,139,160	$ 1,073,334	50-55%	50.18%	37	49.25%	35	45.42%
1603220043	2	Tillsonburg Hydro Inc.	$ 2,881,461	$ 1,560,847	50-55%	54.17%	28	53.77%	23	52.92%
1709290080	2	Energy+ Inc.	$ 25,873,071	$ 14,813,980	55-60%	57.26%	21	50.39%	32	48.87%
1711020002	5	Kenora Hydro Electric Corporation Ltd.	$ 1,407,448	$ 494,632	35-40%	35.14%	66	34.64%	65	34.13%
1706020011	3	Grimsby Power Incorporated	$ 2,894,613	$ 1,414,196	45-50%	48.86%	41	48.00%	39	46.90%
1705040010	7	Orangeville Hydro Limited	$ 3,705,603	$ 1,614,663	40-45%	43.57%	57	38.84%	61	38.70%
1705040041	1	Lakefront Utilities Inc.	$ 3,077,834	$ 1,461,351	45-50%	47.48%	42	43.77%	44	43.57%
1706020011	3	Chapleau Public Utilities Corporation	$ 298,764	$ 117,299	35-40%	39.26%	63	37.48%	64	36.83%
1705010074	1	West Coast Huron Energy Inc.	$ 2,012,404	$ 716,651	35-40%	35.61%	65	32.87%	66	32.61%
1704200017	1	EnWin Utilities Ltd.	$ 38,421,929	$ 19,354,506	50-55%	50.37%	36	49.89%	34	49.47%
1512180039	1	Kingston Hydro Corporation	$ 8,674,286	$ 3,959,299	45-50%	45.64%	47	43.52%	47	43.12%
1711020028	3	Halton Hills Hydro Inc.	$ 8,387,497	$ 3,959,142	45-50%	47.20%	43	46.29%	41	45.19%
1711020002	5	Sioux Lookout Hydro Inc.	$ 1,016,095	$ 264,432	25-30%	26.02%	67	25.24%	67	24.68%

2019 02 - Rank (Budget)	2019 01 - % of 6 Year Allocated Budget Spent	2019 01 - Rank (Budget)	2018 12 - % of 6 Year Allocated Budget Spent	2018 12 - Rank (Budget)	2018 11 - % of 6 Year Allocated Budget Spent	2018 11 - Rank (Budget)	2018 10 - % of 6 Year Allocated Budget Spent	2018 10 - Rank (Budget)	2018 09 - % of 6 Year Allocated Budget Spent	2018 09 - Rank (Budget)	2018 08 - % of 6 Year Allocated Budget Spent
1	693.40%	1	693.40%	1	6.933977068	1	693.40%	1	693.40%	1	693.40%
2	483.64%	2	483.64%	2	4.836431614	2	483.64%	2	483.64%	2	483.64%
3	450.01%	3	450.01%	3	4.500065719	3	450.01%	3	450.01%	3	450.01%
4	67.25%	5	66.87%	4	0.656937045	4	64.90%	4	63.98%	4	62.95%
8	56.95%	11	55.67%	10	0.543876393	8	53.67%	8	52.99%	7	52.02%
6	60.92%	6	59.38%	6	0.57963392	6	57.04%	6	55.87%	6	55.21%
17	55.47%	16	53.94%	14	0.52739545	13	51.65%	13	51.01%	10	49.93%
21	53.30%	21	50.80%	23	0.494165541	20	48.72%	21	47.83%	19	46.89%
18	55.61%	14	54.54%	12	0.533588755	11	51.74%	12	50.97%	11	50.52%
47	41.83%	47	40.79%	45	0.399300366	45	39.16%	43	37.99%	40	44.85%
31	48.78%	30	47.70%	29	0.46705442	29	45.22%	29	44.65%	25	44.32%
14	56.68%	13	52.46%	17	0.516628712	16	51.26%	15	48.07%	18	47.68%
20	53.38%	20	51.20%	21	0.493909409	21	47.86%	22	46.60%	21	45.47%
11	57.58%	8	51.71%	19	0.512053035	17	51.00%	16	46.63%	20	47.10%
9	57.20%	10	55.79%	9	0.541669064	9	53.54%	9	52.19%	9	51.08%
22	53.59%	19	52.11%	18	0.511945017	18	49.48%	17	48.71%	16	47.60%
15	55.55%	15	54.60%	11	0.530421881	12	51.86%	11	49.16%	14	47.91%
38	46.22%	38	44.78%	36	0.426631683	35	42.00%	33	41.38%	31	41.74%
54	40.97%	51	40.66%	47	0.402897863	43	33.22%	60	33.08%	59	32.80%
30	47.66%	34	46.25%	32	0.444938043	32	41.79%	34	40.88%	33	39.23%
63	34.90%	64	34.70%	61	0.339373399	61	32.54%	62	31.24%	61	30.03%
13	56.77%	12	56.20%	7	0.517998116	15	49.17%	18	48.78%	15	47.17%
52	40.78%	54	39.74%	51	0.385392108	50	37.79%	47	36.62%	45	35.79%
12	57.52%	9	54.14%	13	0.53730588	10	53.49%	10	49.97%	13	49.71%
5	69.67%	4	63.50%	5	0.623772246	5	62.37%	5	57.94%	5	57.94%
28	49.15%	27	48.46%	26	0.476248703	27	46.38%	27	45.43%	23	45.14%
26	51.28%	25	48.37%	27	0.476317246	26	47.20%	25	44.37%	26	43.83%
10	54.38%	17	53.48%	15	0.52263972	14	51.44%	14	50.77%	12	49.70%
19	54.35%	18	51.38%	20	0.493796961	22	48.96%	19	48.44%	17	47.88%
53	40.88%	52	40.34%	48	0.387604454	49	35.90%	53	34.73%	52	34.36%
27	48.56%	31	48.09%	28	0.470387435	28	45.51%	28	42.24%	29	41.76%
35	46.89%	35	45.09%	34	0.434752199	33	41.75%	35	40.97%	32	39.20%
50	41.56%	48	38.75%	55	0.382321149	52	37.97%	46	36.59%	46	36.38%
16	52.94%	22	52.62%	16	0.50163038	19	47.28%	24	45.02%	24	44.31%
33	48.01%	32	45.49%	33	0.428492232	34	40.92%	37	39.95%	35	38.13%
58	38.13%	59	35.73%	60	0.34802171	58	34.14%	59	33.70%	57	32.94%
37	46.36%	36	44.95%	35	0.419603499	39	40.46%	38	37.72%	42	36.97%
41	44.35%	40	43.17%	40	0.394162194	47	37.26%	50	35.58%	50	32.71%
56	40.82%	53	39.46%	52	0.387840382	48	38.64%	45	36.23%	49	36.02%
29	48.82%	29	47.50%	30	0.455737371	30	44.67%	30	43.45%	28	43.01%
25	52.45%	24	42.62%	41	0.422793328	36	42.04%	32	40.15%	34	40.06%
49	41.01%	50	40.22%	49	0.383497042	51	35.80%	54	35.44%	51	34.44%
48	42.20%	45	40.76%	46	0.400195047	44	38.84%	44	36.96%	43	36.36%
44	40.66%	55	40.22%	50	0.395188227	46	39.25%	42	37.97%	41	37.90%
7	59.75%	7	56.07%	8	0.551310433	7	54.78%	7	52.52%	8	52.31%
61	36.98%	61	34.63%	62	0.336215118	62	32.83%	61	30.73%	62	30.04%
51	41.48%	49	39.09%	53	0.380145104	53	37.70%	48	34.65%	54	34.61%
23	51.01%	26	50.56%	24	0.48527826	24	47.33%	23	46.28%	22	44.79%
55	38.82%	57	37.74%	56	0.357620306	56	35.30%	55	34.66%	53	34.09%
57	39.55%	56	38.92%	54	0.377347896	55	36.95%	52	36.29%	48	35.83%
62	35.47%	62	33.93%	64	0.322852426	64	30.62%	64	27.57%	65	27.05%
36	46.33%	37	43.18%	39	0.41365161	40	41.28%	36	38.60%	39	38.40%
59	37.70%	60	37.50%	57	0.343738891	60	34.23%	58	34.19%	55	33.46%
45	43.20%	44	37.03%	58	0.34575541	59	34.43%	57	33.08%	60	33.04%
40	44.06%	42	43.24%	38	0.421902806	38	37.32%	49	36.62%	44	34.17%
24	52.54%	23	50.84%	22	0.492433955	23	48.86%	20	44.17%	27	44.07%
34	47.96%	33	46.56%	31	0.448932616	31	43.22%	31	41.89%	30	40.69%
65	32.21%	66	29.94%	65	0.284598844	66	28.05%	66	28.11%	64	26.25%
39	45.50%	39	44.46%	37	0.421913181	37	39.59%	41	39.02%	37	38.41%
60	38.33%	58	36.29%	59	0.357376283	57	35.27%	56	33.52%	58	33.31%
43	43.22%	43	41.52%	43	0.407686249	42	40.20%	39	36.32%	47	35.63%
64	35.38%	63	34.32%	63	0.329098505	63	30.93%	63	30.37%	63	29.81%
66	32.43%	65	29.07%	66	0.287663169	65	28.75%	65	25.27%	66	25.20%
32	49.04%	28	48.47%	25	0.479970961	25	46.41%	26	38.64%	38	35.30%
46	42.14%	46	41.38%	44	0.378492325	54	36.96%	51	34.04%	56	33.89%
42	44.14%	41	42.40%	42	0.407750024	41	40.14%	40	39.77%	36	38.71%
67	24.49%	67	24.10%	67	0.233362906	67	22.32%	67	22.08%	67	21.66%

2018 08 - Rank (Budget)	2018 07 - % of 6 Year Allocated Budget Spent	2018 07 - Rank (Budget)	2018 06 - % of 6 Year Allocated Budget Spent	2018 06 - Rank (Budget)	2018 05 - % of 6 Year Allocated Budget Spent	2018 05 - Rank (Budget)	2018 04 - % of 6 Year Allocated Budget Spent	2018 04 - Rank (Budget)	2018 03 - % of 6 Year Allocated Budget Spent	2018 03 - Rank (Budget)	2018 02 - % of 6 Year Allocated Budget Spent
1	693.40%	1	588.60%	1	588.60%	1	588.60%	1	421.35%	1	421.35%
2	483.64%	2	374.12%	3	374.12%	3	374.12%	3	266.21%	2	266.21%
3	450.01%	3	387.46%	2	387.46%	2	387.46%	2	265.04%	3	265.04%
4	61.83%	4	60.13%	4	58.23%	4	57.47%	4	56.59%	4	55.04%
8	51.07%	8	48.85%	7	47.74%	7	46.88%	8	45.32%	6	43.71%
6	53.57%	6	51.29%	5	49.57%	5	49.16%	5	46.85%	5	46.09%
11	49.06%	11	47.51%	10	46.19%	10	45.54%	10	43.74%	9	43.16%
20	46.11%	19	44.78%	19	43.26%	19	42.68%	18	41.63%	15	39.83%
10	49.64%	9	48.68%	6	48.01%	6	47.49%	6	42.56%	13	41.70%
23	36.54%	37	42.97%	16	43.74%	16	43.21%	15	42.39%	14	40.09%
25	43.30%	26	40.56%	24	40.28%	24	39.09%	25	37.75%	22	36.27%
16	47.34%	14	41.98%	22	41.29%	22	41.28%	20	37.11%	24	36.66%
21	44.07%	23	42.24%	23	40.91%	23	40.18%	23	38.70%	21	37.35%
19	46.23%	18	44.40%	14	44.03%	14	44.03%	12	40.07%	19	39.59%
9	48.34%	13	45.79%	17	43.67%	17	42.93%	17	41.22%	16	40.01%
17	45.81%	20	45.01%	18	43.38%	18	43.02%	16	42.63%	12	41.93%
14	46.97%	16	45.60%	13	44.29%	13	41.53%	19	40.46%	17	38.97%
31	40.90%	30	39.30%	28	38.54%	28	35.67%	33	33.95%	30	32.84%
59	32.60%	58	32.02%	52	31.67%	52	31.67%	51	29.09%	50	28.77%
34	38.54%	33	36.83%	36	35.06%	36	34.44%	36	33.12%	34	31.81%
62	35.09%	46	34.57%	44	32.99%	44	32.43%	46	30.98%	41	28.76%
18	46.56%	17	44.60%	33	36.18%	33	36.03%	31	34.00%	29	32.65%
46	35.10%	45	34.09%	45	32.96%	45	32.41%	47	31.25%	39	30.15%
12	49.57%	10	47.30%	8	47.01%	8	47.01%	7	45.10%	7	44.80%
5	57.71%	5	44.81%	12	44.37%	12	44.37%	11	36.33%	26	36.04%
22	44.19%	22	42.82%	20	41.85%	20	40.95%	22	40.26%	18	39.40%
28	43.39%	25	38.57%	30	38.05%	30	38.03%	28	34.26%	27	33.41%
13	48.92%	12	45.91%	11	44.94%	11	43.88%	13	42.75%	11	41.01%
15	47.16%	15	44.84%	15	43.78%	15	43.47%	14	42.92%	10	42.14%
51	31.94%	61	31.44%	54	31.13%	54	30.61%	56	29.45%	48	27.25%
30	41.47%	29	38.50%	29	38.15%	29	38.13%	27	34.25%	28	33.67%
35	35.85%	41	34.71%	39	33.74%	39	32.84%	43	29.78%	46	28.74%
42	36.21%	39	32.90%	49	32.45%	49	32.45%	45	30.06%	44	27.91%
26	41.69%	27	40.56%	25	40.13%	25	39.88%	24	39.25%	20	37.10%
39	37.50%	36	36.34%	37	34.89%	37	33.99%	38	33.29%	33	29.81%
58	32.37%	60	31.33%	61	30.21%	61	29.73%	61	29.33%	49	28.24%
41	34.71%	48	32.45%	53	31.20%	53	30.95%	54	30.14%	42	28.15%
60	32.50%	59	31.72%	58	30.70%	58	30.50%	57	27.93%	56	25.72%
44	35.79%	42	32.35%	50	31.90%	50	31.86%	50	28.80%	52	28.35%
29	41.48%	28	40.80%	26	39.55%	26	37.93%	29	37.01%	25	36.63%
33	39.79%	31	36.62%	32	36.37%	32	36.35%	30	31.67%	37	31.17%
50	33.76%	51	32.38%	51	31.78%	51	31.42%	52	29.72%	47	27.43%
43	36.00%	40	34.18%	42	33.37%	42	33.37%	40	31.11%	40	30.48%
40	35.58%	43	34.78%	38	34.27%	38	34.27%	37	26.94%	58	26.49%
7	51.88%	7	46.89%	9	46.23%	9	46.23%	9	44.31%	8	42.43%
61	29.80%	62	28.70%	63	27.99%	63	26.01%	63	25.65%	61	25.15%
49	34.44%	50	31.39%	56	31.06%	56	31.03%	53	26.06%	60	25.77%
24	44.20%	21	41.59%	27	39.24%	27	38.67%	26	28.45%	54	27.34%
53	33.69%	52	32.25%	59	30.59%	59	30.36%	59	29.80%	45	28.38%
45	35.07%	47	33.61%	46	32.79%	46	32.55%	44	26.74%	59	25.48%
64	26.36%	64	25.57%	65	24.34%	65	24.00%	65	22.04%	66	20.15%
38	37.94%	34	34.22%	40	33.67%	40	33.67%	39	31.26%	38	30.78%
55	32.66%	57	31.82%	55	31.08%	55	30.43%	58	28.98%	51	27.27%
57	32.80%	56	30.64%	60	30.25%	60	30.25%	60	28.13%	55	27.64%
52	33.16%	54	32.09%	62	30.03%	62	29.55%	62	24.47%	63	22.30%
27	43.94%	24	43.49%	21	41.55%	21	40.95%	21	37.27%	23	32.87%
32	39.67%	32	38.09%	31	36.81%	31	35.97%	32	31.93%	36	34.37%
65	25.72%	65	24.88%	67	22.54%	67	22.37%	67	22.11%	65	21.69%
37	37.74%	35	36.70%	34	35.74%	34	34.65%	35	33.77%	31	32.73%
56	33.05%	55	31.25%	57	30.87%	57	30.87%	55	24.99%	62	24.58%
47	35.38%	44	33.32%	43	33.05%	43	33.05%	42	27.37%	57	26.92%
63	28.98%	63	26.41%	64	25.29%	64	24.73%	64	24.17%	64	22.85%
66	25.12%	66	24.02%	66	23.85%	66	23.85%	66	20.17%	67	20.01%
48	34.64%	49	33.95%	47	32.72%	47	31.93%	49	30.11%	43	26.93%
54	33.69%	53	33.32%	48	32.61%	48	32.11%	48	28.78%	53	26.55%
36	36.46%	38	34.85%	41	33.40%	41	33.11%	41	32.66%	35	31.61%
67	21.10%	67	20.26%	68	19.49%	68	19.24%	68	19.13%	68	18.52%

2018 02 - Rank (Budget)	2018 01 - % of 6 Year Allocated Budget Spent	2018 01 - Rank (Budget)	2017 12 - % of 6 Year Allocated Budget Spent	2017 12 - Rank (Budget)	2017 11 - % of 6 Year Allocated Budget Spent	2017 11 - Rank (Budget)	2017 10 - % of 6 Year Allocated Budget Spent	2017 10 - Rank (Budget)	2017 09 - % of 6 Year Allocated Budget Spent	2017 09 - Rank (Budget)	2017 08 - % of 6 Year Allocated Budget Spent
1	421.35%	1	421.35%	1	421.35%	1	263.61%	1	107.96%	1	107.96%
2	266.21%	2	266.21%	2	266.21%	2	173.45%	2	73.53%	2	73.53%
3	265.04%	3	265.04%	3	265.04%	3	154.44%	3	51.13%	3	51.13%
4	48.62%	4	46.88%	4	39.87%	4	39.72%	4	38.96%	4	34.70%
7	41.21%	10	39.36%	8	37.68%	8	36.76%	8	35.77%	8	33.50%
5	44.96%	5	41.99%	5	39.16%	5	38.19%	5	35.88%	7	32.66%
8	41.87%	8	40.01%	6	38.33%	6	37.41%	7	35.93%	6	34.43%
16	38.70%	16	37.30%	11	35.58%	12	34.71%	13	33.21%	12	31.96%
12	40.73%	11	39.65%	7	37.94%	7	37.52%	6	36.31%	5	32.44%
14	39.06%	15	37.86%	10	36.18%	10	35.19%	12	31.50%	13	29.63%
24	35.84%	22	33.99%	17	33.53%	16	32.72%	14	31.41%	14	29.90%
22	36.30%	20	31.55%	24	30.50%	24	30.25%	21	27.69%	24	26.41%
20	36.22%	21	33.96%	18	32.07%	18	30.55%	20	28.83%	21	26.62%
17	39.18%	14	36.14%	14	35.32%	13	35.23%	11	30.99%	16	29.96%
15	38.36%	17	36.67%	13	35.17%	14	31.57%	17	29.78%	19	27.80%
11	41.38%	9	37.07%	12	36.01%	11	35.84%	10	35.48%	9	34.56%
19	36.35%	19	35.22%	16	33.28%	17	31.18%	18	29.80%	18	28.02%
30	31.21%	30	29.86%	27	28.64%	25	27.94%	24	26.90%		25.31%
41	28.32%	41	27.72%	35	27.12%	31	26.88%	28	24.86%	32	23.97%
33	30.42%	33	29.28%	31	27.93%	28	26.96%	27	25.92%	27	24.21%
42	28.27%	42	26.93%	39	25.90%	35	24.37%	37	22.96%	40	21.84%
32	30.94%	31	29.75%	28	26.69%	33	26.00%	30	25.30%	30	23.39%
39	28.73%	39	26.93%	38	25.40%	37	24.50%	36	23.04%	39	21.50%
6	44.50%	6	32.84%	19	32.04%	19	31.89%	15	31.38%	15	29.44%
25	35.82%	23	32.53%	20	31.65%	20	31.57%	16	29.11%	20	28.29%
18	31.88%	28	28.83%	32	27.69%	30	27.42%	26	25.31%	29	23.88%
28	33.11%	26	29.49%	29	28.50%	26	28.36%	23	25.70%	28	24.69%
13	40.10%	13	32.32%	22	31.01%	22	29.85%	22	28.60%	22	26.97%
10	40.28%	12	38.74%	9	37.06%	9	36.61%	9	35.42%	10	33.71%
53	26.98%	49	26.28%	42	24.72%	42	24.63%	34	24.18%	34	22.32%
27	29.85%	37	29.37%	30	23.40%	47	23.24%	44	22.84%	43	21.98%
43	27.93%	44	26.43%	41	25.02%	40	23.88%	41	22.91%	41	21.20%
48	27.58%	46	23.46%	52	22.77%	48	22.60%	46	21.27%	47	19.99%
21	36.79%	18	35.91%	15	34.57%	15	25.96%	31	20.15%	51	18.84%
40	28.65%	40	27.81%	34	24.71%	43	24.54%	35	23.74%	35	21.38%
46	27.26%	48	26.52%	40	23.50%	46	22.83%	45	22.12%	45	20.19%
47	26.40%	52	25.11%	48	23.80%	45	21.80%	47	21.27%	48	18.94%
59	25.43%	56	23.43%	54	22.11%	52	21.24%	50	18.93%	57	18.24%
45	28.07%	43	25.99%	44	25.21%	39	25.09%	33	22.86%	42	21.57%
23	33.29%	24	30.22%	25	26.88%	32	26.04%	29	24.95%	31	21.98%
35	30.29%	36	25.91%	45	25.35%	38	24.25%	40	21.37%	46	20.61%
50	25.11%	58	23.80%	49	22.33%	50	21.13%	52	20.38%	50	18.80%
38	29.45%	38	25.88%	46	24.52%	44	24.27%	39	23.43%	36	21.75%
57	26.16%	53	25.37%	47	20.58%	60	20.42%	57	19.79%	52	18.43%
9	41.98%	7	32.52%	21	31.47%	21	31.17%	19	30.36%	17	28.80%
61	24.76%	59	21.75%	59	20.87%	59	20.52%	56	18.73%	59	17.60%
58	25.51%	54	21.53%	61	20.90%	58	20.82%	54	18.75%	58	18.09%
51	25.11%	57	23.74%	50	21.19%	57	19.14%	61	15.31%	69	17.45%
44	27.85%	45	26.13%	43	24.94%	41	23.36%	43	22.69%	44	21.44%
60	24.27%	60	23.03%	55	21.72%	54	20.60%	55	19.63%	53	18.25%
66	19.68%	67	19.02%	66	18.09%	65	17.67%	63	16.54%	67	15.67%
37	30.38%	34	21.68%	60	20.37%	61	20.14%	58	17.86%	63	16.05%
52	24.18%	62	23.72%	51	22.41%	49	21.12%	53	19.48%	54	18.15%
49	27.42%	47	22.70%	57	21.78%	53	21.70%	48	19.44%	55	18.33%
64	21.03%	65	19.45%	65	18.04%	66	17.42%	64	16.62%	66	15.47%
29	32.29%	27	31.63%	23	30.61%	23	14.24%	68	13.82%	71	13.10%
26	33.15%	25	27.46%	36	26.07%	34	24.32%	38	23.27%	38	21.28%
65	21.29%	64	20.56%	62	19.57%	62	19.43%	59	18.49%	61	17.68%
31	31.43%	29	29.90%	26	28.14%	27	23.54%	42	26.01%	26	22.91%
62	24.24%	61	20.27%	64	19.39%	63	19.19%	60	18.53%	60	17.20%
55	26.55%	50	22.11%	58	21.34%	56	21.16%	51	17.86%	62	17.09%
63	21.90%	63	20.49%	63	18.89%	64	18.15%	62	17.11%	64	15.39%
67	19.91%	66	16.33%	68	16.01%	68	15.98%	67	15.26%	70	14.76%
54	26.47%	51	23.46%	53	22.24%	51	21.65%	49	20.91%	49	18.80%
56	25.48%	55	22.83%	56	21.60%	55	17.25%	65	16.96%	65	16.41%
34	30.79%	32	27.19%	37	25.84%	36	25.25%	32	24.50%	33	22.08%
68	18.14%	68	17.21%	67	16.32%	67	16.10%	66	15.60%	68	14.64%

2017 08 - Rank (Budget)	2017 07 - % of 6 Year Allocated Budget Spent	2017 07 - Rank (Budget)	2017 06 - % of 6 Year Allocated Budget Spent	2017 06 - Rank (Budget)	2017 05 - % of 6 Year Allocated Budget Spent	2017 05 - Rank (Budget)	2017 04 - % of 6 Year Allocated Budget Spent	2017 04 - Rank (Budget)	2017 03 - % of 6 Year Allocated Budget Spent	2017 03 - Rank (Budget)	2017 02 - % of 6 Year Allocated Budget Spent
1	112.58%	1	114.75%	1	113.41%	1	113.35%	1	111.99%	1	8.74%
2	78.16%	2	80.34%	2	79.00%	2	78.89%	2	77.57%	2	6.96%
3	56.38%	3	58.84%	3	57.32%	3	57.18%	3	55.70%	3	7.69%
4	33.82%	4	31.79%	4	29.96%	4	27.81%	5	25.42%	4	31.37%
8	32.11%	7	30.79%	7	28.72%	6	27.25%	6	24.00%	5	28.72%
9	30.76%	10	28.90%	11	26.55%	9	25.95%	8	23.88%	6	23.23%
6	33.50%	5	31.07%	5	26.38%	10	25.48%	10	23.64%	7	35.22%
12	30.44%	12	29.05%	10	26.56%	8	24.82%	12	23.03%	8	76.29%
10	31.45%	8	27.44%	14	25.99%	12	25.11%	11	22.21%	10	20.13%
15	28.21%	14	27.13%	15	24.94%	13	23.86%	13	21.77%	11	83.30%
14	27.93%	17	27.84%	12	22.21%	19	21.07%	20	19.01%	12	42.10%
24	25.55%	21	23.75%	21	22.25%	18	21.96%	17	17.39%	14	74.54%
23	25.30%	23	23.78%	20	21.38%	22	19.42%	23	16.67%	15	33.44%
13	29.42%	13	23.51%	22	22.56%	16	22.30%	15	16.57%	16	50.57%
20	26.15%	19	25.27%	17	22.10%	21	21.19%	19	16.27%	17	35.72%
5	33.33%	6	29.21%	9	22.50%	17	22.04%	16	16.11%	18	24.33%
19	25.23%	24	24.84%	18	22.19%	20	17.72%	30	15.71%	19	26.50%
	24.12%		23.33%		21.62%		18.77%		15.97%		25.06%
28	23.39%	27	19.52%	35	18.52%	29	18.34%	27	15.60%	20	18.70%
27	22.93%	29	21.60%	25	19.22%	27	18.01%	28	15.24%	21	25.58%
37	21.10%	34	19.83%	34	18.56%	28	17.44%	32	15.04%	22	28.03%
30	22.46%	30	20.25%	31	18.10%	35	17.73%	29	14.96%	23	35.86%
40	20.19%	40	19.18%	36	17.52%	36	16.87%	34	14.85%	24	28.20%
16	28.05%	15	22.58%	23	18.51%	30	18.91%	26	14.78%	25	40.97%
18	27.79%	18	20.80%	29	19.75%	24	19.68%	22	14.75%	26	32.22%
29	22.95%	28	21.03%	26	19.37%	26	18.97%	25	14.69%	28	25.36%
26	24.02%	26	20.84%	28	19.64%	25	19.33%	24	14.56%	30	84.20%
21	25.69%	20	25.28%	16	24.09%	14	23.73%	14	14.28%	31	92.48%
7	31.21%	9	30.93%	6	29.18%	5	28.56%	4	14.10%	32	17.90%
32	21.22%	33	18.90%	38	18.32%	33	17.44%	33	14.05%	33	11.74%
36	21.34%	31	21.02%	27	14.92%	54	14.88%	46	13.75%	34	23.11%
44	19.75%	42	18.66%	40	16.99%	39	16.07%	40	13.66%	35	18.87%
47	19.40%	44	17.35%	47	16.24%	43	15.88%	42	13.48%	36	31.05%
49	18.04%	50	17.32%	48	15.11%	50	14.70%	49	13.46%	37	14.77%
42	19.75%	43	18.90%	37	17.47%	37	16.57%	36	13.35%	39	25.67%
46	19.13%	45	17.60%	44	16.25%	42	15.69%	44	13.16%	40	24.03%
48	18.25%	48	17.17%	49	15.40%	48	14.45%	50	12.76%	42	31.44%
55	17.79%	51	16.82%	52	15.42%	47	14.42%	51	12.40%	44	65.37%
39	20.62%	36	18.17%	42	16.96%	40	16.67%	35	12.39%	45	32.26%
35	19.06%	46	16.66%	55	15.22%	49	14.84%	48	12.38%	46	22.22%
45	20.20%	39	17.40%	45	16.67%	41	16.52%	37	12.29%	47	26.17%
50	17.60%	54	16.76%	54	14.86%	56	14.21%	52	12.23%	48	17.32%
38	20.54%	37	18.02%	43	16.11%	44	15.79%	43	12.22%	49	47.97%
52	17.66%	53	17.01%	50	14.20%	57	13.55%	57	12.10%	50	29.87%
17	28.03%	16	27.64%	13	26.01%	11	25.75%	9	12.05%	51	29.89%
60	16.82%	59	16.97%	51	15.05%	51	13.72%	54	12.47%	43	18.31%
57	17.67%	52	15.79%	58	14.94%	52	14.86%	47	11.76%	52	39.04%
61	15.99%	62	15.85%	57	14.15%	58	13.18%	59	11.26%	53	28.66%
41	18.71%	47	18.29%	41	14.93%	53	13.71%	55	11.26%	54	13.25%
54	17.27%	57	15.57%	59	13.45%	60	12.82%	60	11.17%	55	24.83%
66	14.91%	65	14.32%	63	13.35%	61	12.78%	62	11.07%	56	18.62%
65	15.36%	64	14.76%	60	13.15%	62	12.72%	63	10.88%	57	28.57%
56	17.26%	58	16.46%	56	14.87%	55	13.94%	53	10.76%	58	16.78%
53	17.57%	55	14.05%	65	13.07%	63	12.81%	61	10.69%	59	35.01%
67	14.63%	66	13.96%	67	12.44%	65	11.98%	64	10.68%	60	21.19%
71	12.50%	70	12.37%	69	11.51%	68	11.28%	67	10.60%	61	20.32%
43	20.02%	41	18.87%	39	17.24%	38	15.97%	41	13.43%	38	86.77%
59	14.46%	67	14.04%	66	12.35%	66	11.94%	65	9.85%	62	39.41%
31	21.23%	32	20.39%	30	18.42%	31	16.37%	38	12.92%	41	39.68%
62	16.52%	60	14.26%	64	12.84%	64	13.62%	56	9.49%	63	32.52%
63	16.49%	61	14.61%	61	13.57%	59	13.29%	58	9.45%	64	25.26%
68	14.08%	69	13.41%	68	11.82%	67	11.39%	66	9.43%	65	38.49%
69	14.45%	68	11.91%	70	11.17%	69	11.14%	68	9.01%	66	15.84%
51	18.10%	49	16.76%	53	15.97%	46	15.57%	45	8.59%	67	15.90%
64	15.73%	63	14.59%	62	10.97%	70	9.88%	70	8.54%	68	17.49%
34	20.31%	38	19.93%	32	18.21%	34	16.11%	39	8.47%	69	23.28%
70	12.11%	71	11.65%	71	10.17%	71	9.97%	69	7.66%	70	21.28%

2017 02 - Rank (Budget)	2017 01 - % of 6 Year Allocated Budget Spent	2017 01 - Rank (Budget)	2016 12 - % of 6 Year Allocated Budget Spent	2016 12 - Rank (Budget)	2016 11 - % of 6 Year Allocated Budget Spent	2016 11 - Rank (Budget)	2016 10 - % of 6 Year Allocated Budget Spent	2016 10 - Rank (Budget)	2016 09 - % of 6 Year Allocated Budget Spent	2016 09 - Rank (Budget)	2016 08 - % of 6 Year Allocated Budget Spent
69	2.56%	71	0.86%	71	0.44%	73	0.30%	73	1.38%	72	0.000181128
71	2.56%	70	0.87%	70	0.44%	72	0.30%	72	1.38%	71	0.000181429
70	2.91%	69	0.98%	69	0.50%	71	0.34%	71	1.57%	70	0.000205693
25	23.16%	1	20.18%	1	18.30%	1	16.63%	2	13.40%	3	0.105848295
31	21.18%	2	17.16%	4	14.40%	6	13.26%	5	11.48%	7	0.089747818
48	19.45%	4	16.83%	5	15.48%	3	13.56%	3	12.15%	5	0.097678683
18	18.55%	6	15.90%	8	13.40%	7	11.66%	7	12.05%	6	0.100341674
5	20.47%	3	19.87%	2	17.59%	2	16.81%	1	15.40%	1	0.131817491
54	17.84%	7	15.99%	7	14.64%	5	11.44%	8	10.74%	8	0.096431749
4	19.09%	5	17.58%	3	11.34%	10	10.69%	10	10.25%	10	0.075392261
10	14.15%	13	11.31%	12	8.54%	23	7.30%	31	6.28%	34	0.047264678
6	15.92%	9	10.53%	18	9.70%	14	9.42%	12	7.03%	21	0.053994257
20	13.75%	15	12.07%	11	10.32%	12	9.18%	14	9.14%	11	0.056840737
8	15.47%	10	12.32%	10	11.90%	9	11.73%	6	5.36%	44	0.041672579
17	13.02%	20	10.79%	15	8.13%	28	6.91%	35	6.16%	35	0.037293798
43	12.10%	26	10.73%	16	9.08%	17	7.54%	29	5.56%	42	0.039018943
36	13.17%	18	10.70%	17	9.05%	18	7.99%	20	6.42%	29	0.049706287
	12.13%		11.32%		10.00%		8.97%		8.32%		6.26%
56	14.45%	12	11.26%	13	10.46%	11	10.33%	11	8.31%	13	0.071098745
39	12.71%	22	11.12%	14	10.00%	13	9.08%	15	8.38%	12	0.066525822
35	11.14%	34	9.27%	32	6.52%	46	6.22%	44	5.65%	41	0.034062988
16	13.48%	16	6.65%	51	5.79%	52	5.54%	48	5.39%	43	0.040286567
34	12.18%	25	9.73%	28	8.19%	27	6.99%	34	6.03%	37	0.0452549
11	12.59%	23	9.73%	27	9.29%	16	9.04%	16	8.12%	14	0.059683839
23	13.82%	14	9.92%	23	9.56%	15	9.41%	13	7.89%	17	0.064844341
40	12.72%	21	9.08%	35	7.54%	35	7.13%	33	6.30%	33	0.041556934
3	13.36%	17	9.20%	33	8.60%	22	8.33%	18	7.46%	19	0.056873821
1	9.63%	46	9.10%	34	7.10%	38	6.49%	39	6.81%	23	0.044892693
59	11.65%	28	10.39%	19	8.97%	19	8.42%	17	8.10%	15	0.051310838
68	11.16%	33	9.91%	24	8.79%	20	7.95%	21	7.58%	18	0.061044585
49	8.66%	52	8.27%	42	7.56%	34	6.57%	37	6.67%	24	0.040711735
55	11.17%	32	9.88%	25	8.26%	26	7.46%	30	7.12%	20	0.053021464
26	12.26%	24	8.42%	41	7.89%	32	7.68%	25	6.59%	26	0.053385224
66	8.43%	57	8.55%	39	6.67%	43	6.16%	45	5.69%	40	0.045896801
38	8.50%	55	8.05%	45	6.94%	39	6.07%	46	5.86%	39	0.043012062
44	10.98%	36	10.11%	20	8.54%	24	7.77%	22	5.24%	46	0.034214907
24	9.08%	50	5.56%	62	5.20%	59	4.73%	58	4.85%	52	0.03358073
7	7.06%	63	4.86%	64	3.62%	68	3.38%	66	3.28%	66	0.023509403
22	10.99%	35	8.68%	37	6.58%	45	6.24%	42	5.96%	38	0.042110862
50	10.78%	37	8.16%	44	6.87%	41	6.56%	38	4.53%	57	0.029339975
37	11.55%	29	5.80%	59	5.35%	54	5.21%	51	2.48%	69	0.016723893
61	10.63%	38	9.69%	30	8.53%	25	8.08%	19	7.91%	16	0.055051317
9	9.75%	44	7.47%	48	6.71%	42	6.44%	41	6.32%	32	0.041028038
29	9.89%	42	8.21%	43	7.53%	36	7.16%	32	6.33%	31	0.035545558
28	10.60%	39	8.49%	40	7.82%	33	7.58%	27	6.64%	25	0.049354845
58	10.20%	41	10.07%	22	7.96%	30	7.56%	28	4.99%	48	0.036301257
14	10.48%	40	5.62%	60	5.28%	57	5.16%	52	4.32%	59	0.03367014
32	9.69%	45	6.59%	52	6.01%	50	5.68%	47	3.84%	61	0.023390739
67	7.47%	61	6.40%	55	4.44%	64	3.78%	64	4.59%	55	0.029911775
42	8.57%	54	7.30%	49	6.23%	49	5.46%	49	4.87%	51	0.03341931
57	9.50%	48	8.95%	36	6.33%	47	5.00%	55	4.44%	58	0.034622127
33	9.37%	49	7.63%	47	6.93%	40	6.58%	36	6.46%	27	0.048053005
63	8.50%	56	7.77%	46	5.22%	58	5.04%	54	4.65%	53	0.03204727
19	9.63%	47	4.32%	67	3.70%	67	3.61%	65	3.48%	64	0.021681979
52	8.88%	51	5.96%	58	5.31%	55	4.89%	57	4.59%	54	0.032415475
53	9.76%	43	9.56%	31	7.91%	31	7.67%	26	14.32%	2	0.133049885
2	11.28%	31	9.86%	26	6.32%	48	5.43%	50	6.34%	30	0.046807471
13	7.85%	59	6.52%	54	2.89%	70	2.75%	69	3.45%	65	0.021850807
12	11.33%	30	10.09%	21	7.51%	37	6.23%	43	6.13%	36	0.043722009
21	6.21%	66	5.58%	61	4.89%	63	4.29%	61	4.92%	50	0.026476412
41	8.61%	53	5.52%	63	5.08%	61	4.96%	56	3.57%	62	0.025961925
15	7.78%	60	7.26%	50	5.54%	53	2.78%	68	3.85%	60	0.021196163
65	8.43%	58	4.49%	65	4.22%	65	4.17%	62	2.71%	67	0.020783346
64	6.62%	65	5.98%	57	5.00%	62	4.70%	60	4.98%	49	0.033647846
60	6.74%	64	6.15%	56	5.18%	60	1.36%	70	1.37%	73	0.006767724
47	7.21%	62	6.53%	53	5.82%	51	5.12%	53	5.28%	45	0.034606806
51	5.03%	67	4.47%	66	3.85%	66	3.86%	63	4.58%	56	0.030990778

2016 08 - Rank (Budget)	2016 07 - % of 6 Year Allocated Budget Spent	2016 07 - Rank (Budget)	2016 06 - % of 6 Year Allocated Budget Spent	2016 06 - Rank (Budget)	2016 05 - % of 6 Year Allocated Budget Spent	2016 05 - Rank (Budget)	2016 02 - % of 6 Year Allocated Budget Spent	2016 02 - Rank (Budget)
73	0	73	0	73	0.00%	73	0.00%	73
72	0	73	0	73	0.00%	73	0.00%	73
71	0	73	0	73	0.00%	73	0.00%	73
3	0.085215322	4	0.07477525	6	6.68%	6	1.60%	10
8	0.072242949	8	0.061211956	12	5.28%	9	2.49%	6
6	0.079704068	6	0.065302129	9	4.50%	11	2.28%	8
4	0.079451963	7	0.063382531	11	5.42%	8	1.43%	12
2	0.096443963	2	0.111270764	3	8.03%	3	2.87%	5
7	0.083141935	5	0.110100892	4	7.43%	4	4.31%	2
10	0.06847906	10	0.045963448	15	2.54%	25	1.73%	9
27	0.033837291	34	0.023900446	39	2.08%	32	0.00%	73
19	0.047383182	19	0.040150206	19	3.60%	14	0.35%	18
17	0.054456832	13	0.036840441	21	2.84%	20	0.36%	17
36	0.039731351	27	0.027173068	35	1.59%	41	0.00%	73
42	0.025730147	51	0.016145774	52	0.70%	57	0.00%	73
41	0.032837595	38	0.025860574	37	1.97%	34	0.00%	73
24	0.044135903	23	0.035810324	24	2.53%	26	0.24%	20
	5.39%		6.83%		4.82%		2.02%	
11	0.030287973	41	0.033669317	27	2.44%	29	0.00%	73
12	0.053005913	14	0.070164195	7	5.25%	10	1.48%	11
49	0.022468783	57	0.011611669	57	0.88%	52	0.00%	73
40	0.03569501	32	0.032383471	28	2.46%	27	0.00%	73
30	0.036727181	31	0.018769311	45	1.09%	49	0.00%	73
15	0.059232584	12	0.018615629	46	1.64%	39	0.00%	73
13	0.063153942	11	0.014607252	53	1.13%	48	0.11%	24
37	0.037635417	30	0.01104229	58	0.62%	59	0.00%	73
16	0.052941136	15	0.033895164	26	2.71%	22	0.02%	27
31	0.021139777	58	0.012705708	56	0.71%	56	0.00%	73
22	0.044799381	21	0.036464864	23	2.65%	23	0.00%	73
14	0.052732146	16	0.063652772	10	5.58%	7	3.00%	4
39	0.008386617	69	0.005695871	66	0.28%	66	0.00%	73
21	0.043175691	25	0.054811456	13	4.11%	13	0.51%	15
20	0.050881054	17	0.006582516	63	0.38%	64	0.00%	73
29	0.040726218	26	0.040922688	18	2.44%	28	0.00%	29
33	0.031760768	39	0.024704969	38	0.63%	58	0.01%	28
48	0.028063782	45	0.034448141	25	2.18%	31	0.23%	21
52	0.027875501	46	0.031216537	29	1.44%	44	0.00%	73
62	0.0184683	63	0.017555866	50	1.49%	43	0.59%	13
35	0.034575706	33	0.023889646	40	0.96%	50	0.03%	26
58	0.023839243	54	0.020677496	43	1.71%	36	0.55%	14
68	0.014185033	66	0.004176939	68	0.18%	69	0.00%	73
18	0.050728004	18	0.037395725	20	2.91%	19	0.00%	73
38	0.037720147	29	0.044379851	16	2.73%	21	0.00%	73
45	0.013638031	67	0.009373009	61	0.47%	60	0.00%	73
25	0.045809518	20	0.030518319	31	2.62%	24	0.15%	23
44	0.0268746	49	0.030611089	30	1.98%	33	0.00%	73
50	0.033185484	37	0.01782912	49	1.52%	42	0.00%	73
63	0.014997372	65	0.01976217	44	1.73%	35	0.00%	73
57	0.02528196	52	0.013246552	55	0.72%	55	0.00%	73
53	0.026935955	48	0.028062406	34	1.44%	45	0.00%	73
46	0.03047515	40	0.067955802	8	4.31%	12	0.00%	73
26	0.043501311	24	0.036707292	22	3.25%	17	0.27%	19
55	0.0187447	62	0.018065815	48	1.60%	40	0.23%	22
65	0.017440206	64	0.005616347	67	0.27%	67	0.00%	73
54	0.02875031	43	0.018382907	47	1.24%	47	0.00%	73
1	0.12595083	1	0.159263225	1	12.05%	1	3.67%	3
28	0.033501023	35	0.043505722	17	3.37%	16	0.00%	73
64	0.019767895	60	0.013751041	54	0.89%	51	0.00%	73
32	0.033245802	36	0.022610153	42	0.82%	53	0.00%	73
60	0.023260432	55	0.01635924	51	1.32%	46	0.00%	73
61	0.024328628	53	0.009505958	60	0.73%	54	0.00%	73
66	0.019096263	61	0.010360115	59	0.41%	62	0.00%	73
67	0.019959788	59	0.002736206	70	0.14%	70	0.00%	73
51	0.025949289	50	0.006392334	64	0.47%	61	0.00%	73
70	0.005888853	70	0.004007836	69	0.20%	68	0.00%	73
47	0.02907042	42	0.028342118	32	2.22%	30	0.00%	73
56	0.028242874	44	0.02819483	33	3.11%	18	0.00%	73

LDC Current Plan ID	# of LDCs in CDM Plan	Province Wide	Allocated Target	Program to Date kWh Savings as at 2020	% of 6 Year Allocated Target Bracket	% of 6 Year Allocated Target	Rank out of 68 (Target)	2019 03 - (% of 6 Year Allocated Target)	2019 03 - Rank (Target)	2019 02 - (% of 6 Year Allocated Target)
1706020011	3	Hearst Power Distribution Company Limited	3,178,861	6,051,813	100%	190.4%	1	189.9%	1	189.2%
1712040024	6	North Bay Hydro Distribution Limited	20,258,133	30,623,943	100%	151.2%	2	142.5%	3	142.4%
1712110016	3	Entegrus Powerlines Inc.	94,350,837	93,263,973	100%	98.8%	18	98.4%	15	97.8%
1709290080	2	Energy+ Inc.	100,957,518	145,465,299	100%	144.1%	4	143.4%	2	142.0%
1711020002	5	Thunder Bay Hydro Electricity Distribution Inc.	48,417,109	61,109,407	100%	126.2%	5	125.6%	5	118.5%
1712070009	2	Canadian Niagara Power Inc.	28,478,292	28,634,051	100%	100.5%	15	98.2%	17	97.9%
1711020026	1	Guelph Hydro Electric Systems Inc.	99,035,079	124,608,267	100%	125.8%	6	125.8%	4	124.8%
1705040010	7	Wasaga Distribution Inc.	6,317,581	6,511,891	100%	103.1%	14	101.6%	13	101.4%
1708020048	1	Niagara-on-the-Lake Hydro Inc.	11,676,214	12,081,995	100%	103.5%	13	103.2%	12	101.5%
1705040010	7	Midland Power Utility Corporation	10,827,205	13,479,729	100%	124.5%	7	122.0%	6	121.9%
1711060081	3	Alectra Utilities Corporation	1,604,544,161	1,299,180,049	80-85%	81.0%	40	80.2%	36	78.1%
1705040010	7	Ottawa River Power Corporation	8,719,912	8,434,233	100%	96.7%	23	96.6%	20	96.6%
1712040024	6	Greater Sudbury Hydro Inc.	34,743,552	39,429,202	100%	113.5%	11	109.4%	10	109.3%
1712040024	6	PUC Distribution Inc.	26,412,256	27,672,653	100%	104.8%	12	104.2%	11	104.0%
1706020011	3	Grimsby Power Incorporated	10,854,157	9,240,350	85-90%	85.1%	33	84.6%	30	83.8%
1708150032	3	Cooperative Hydro Embrun Inc.	1,786,768	1,653,747	90-95%	92.6%	24	92.5%	22	92.5%
1705240034	2	Hydro One Networks Inc.	1,220,698,316	1,195,254,673	100%	97.9%	20	97.8%	18	96.9%
1705040010	7	Lakeland Power Distribution Ltd.	15,775,730	13,790,096	85-90%	87.4%	27	85.2%	27	85.2%
1705240034	2	Festival Hydro Inc.	34,650,399	41,416,560	100%	119.5%	10	116.1%	9	116.0%
1711020002	5	Kenora Hydro Electric Corporation Ltd.	5,266,020	4,144,559	75-80%	78.7%	43	77.5%	40	76.2%
1706020011	3	Chapleau Public Utilities Corporation	1,045,702	825,708	75-80%	79.0%	42	76.9%	43	76.9%
1708170068	2	Oakville Hydro Electricity Distribution Inc.	92,390,326	89,545,453	100%	96.9%	22	94.2%	21	93.9%
1705040010	7	Orangeville Hydro Limited	14,145,516	11,832,054	80-85%	83.6%	37	81.2%	35	81.1%
1705040010	7	Rideau St. Lawrence Distribution Inc.	5,015,003	4,966,658	100%	99.0%	17	74.8%	47	74.8%
1603220043	2	London Hydro Inc.	196,661,992	171,289,029	85-90%	87.1%	29	86.3%	26	85.2%
1712110016	3	Essex Powerlines Corporation	31,430,786	37,630,917	100%	119.7%	9	119.1%	7	118.5%
1801300040	2	Kitchener-Wilmot Hydro Inc.	105,710,954	105,290,671	100%	99.6%	16	98.7%	14	97.4%
1701180056	1	Oshawa PUC Networks Inc.	73,014,561	60,434,728	80-85%	82.8%	38	82.6%	32	82.5%
1712040024	6	Newmarket-Tay Power Distribution Ltd.	36,237,584	27,435,802	75-80%	75.7%	49	74.7%	48	74.6%
1711020035	2	Hydro Ottawa Limited	394,539,159	337,010,595	85-90%	85.4%	32	85.1%	28	84.2%
1711020028	3	Milton Hydro Distribution Inc.	45,364,386	44,164,941	100%	97.4%	21	97.0%	19	95.7%
1709290080	2	Westario Power Inc.	23,011,493	17,952,046	75-80%	78.0%	44	77.9%	39	77.7%
1711020002	5	Atikokan Hydro Inc.	1,140,651	809,426	70-75%	71.0%	54	71.0%	52	71.0%
1605240006	1	Brantford Power Inc.	64,324,432	45,101,083	70-75%	70.1%	55	69.5%	54	69.4%
1708170068	2	Toronto Hydro-Electric System Limited	1,556,050,000	1,211,401,701	75-80%	77.9%	45	76.0%	45	75.3%
1712070009	2	Algoma Power Inc.	7,510,012	5,568,278	70-75%	74.1%	50	73.5%	49	73.5%
1711020028	3	Halton Hills Hydro Inc.	30,944,177	23,820,727	75-80%	77.0%	48	76.9%	44	75.1%
1705040010	7	Centre Wellington Hydro Ltd.	8,726,099	7,473,683	85-90%	85.6%	31	81.9%	34	81.8%
1712040024	6	Espanola Regional Hydro Distribution Corporation	2,406,805	2,374,890	100%	98.7%	19	98.4%	16	98.3%
1801300040	2	InnPower Corporation	13,008,553	10,909,203	80-85%	83.9%	36	83.5%	31	82.6%
1712040024	6	Northern Ontario Wires Inc.	4,307,945	5,257,308	100%	122.0%	8	118.1%	8	118.1%
1711020047	1	Niagara Peninsula Energy Inc.	74,442,710	53,499,595	70-75%	71.9%	52	68.6%	55	68.0%
1602260059	1	Peterborough Distribution Incorporated	37,878,298	34,272,014	90-95%	90.5%	25	90.0%	23	89.7%
1711060081	3	Erie Thames Powerlines Corporation	27,631,824	24,147,220	85-90%	87.4%	28	87.3%	24	87.0%
1601220071	1	Waterloo North Hydro Inc.	82,378,226	66,169,972	80-85%	80.3%	41	78.3%	38	74.9%
1705010074	1	West Coast Huron Energy Inc.	8,079,136	4,729,889	55-60%	58.5%	61	57.6%	61	57.6%
1711020028	3	Burlington Hydro Inc.	99,038,952	80,547,824	80-85%	81.3%	39	76.9%	42	76.2%
1711060081	3	COLLUS PowerStream Corp.	16,863,906	24,849,379	100%	147.4%	3	82.3%	33	78.8%
1708150032	3	Hydro Hawkesbury Inc.	7,921,203	6,131,593	75-80%	77.4%	46	77.2%	41	73.8%
1704200017	1	EnWin Utilities Ltd.	151,303,695	96,635,879	60-65%	63.9%	58	62.7%	59	62.5%
1705120069	2	Whitby Hydro Electric Corporation	58,443,944	41,872,274	70-75%	71.6%	53	69.7%	53	69.3%
1705040041	1	Lakefront Utilities Inc.	12,172,378	10,793,395	85-90%	88.7%	26	71.8%	51	71.7%
1711020002	5	Sioux Lookout Hydro Inc.	3,700,392	1,998,183	50-55%	54.0%	65	53.1%	64	52.1%
1708150032	3	Hydro 2000 Inc.	1,364,270	862,861	60-65%	63.2%	59	62.9%	58	62.6%
1705120069	2	Veridian Connections Inc.	142,969,367	110,442,719	75-80%	77.2%	47	75.9%	46	74.7%
1705030055	1	Orillia Power Distribution Corporation	16,577,918	9,190,547	55-60%	55.4%	63	54.7%	62	54.0%
1708080014	1	E.L.K. Energy Inc.	16,198,167	8,131,990	50-55%	50.2%	66	49.4%	66	49.1%
1711020002	5	Fort Frances Power Corporation	3,999,772	2,649,365	65-70%	66.2%	57	65.2%	57	63.1%
1512180039	1	Kingston Hydro Corporation	34,495,438	28,928,974	80-85%	83.9%	35	78.3%	37	78.3%
1603220043	2	Tillsonburg Hydro Inc.	11,307,140	8,302,288	70-75%	73.4%	51	73.4%	50	72.5%
1705180004	1	Bluewater Power Distribution Corporation	62,367,338	34,632,162	55-60%	55.5%	62	53.1%	63	51.0%
1511110072	1	Welland Hydro-Electric System Corp.	25,496,792	13,875,760	50-55%	54.4%	64	52.2%	65	52.2%
1711020073	1	Wellington North Power Inc.	5,888,640	2,911,074	45-50%	49.4%	67	47.3%	67	47.2%
1711020035	2	Renfrew Hydro Inc.	4,167,037	3,536,785	80-85%	84.9%	34	84.7%	29	72.5%
1608190003	3	Fort Albany Power Corporation	342,250	297,828	85-90%	87.0%	30	87.0%	25	87.0%
1608190003	3	Kashechewan Power Corporation	522,597	318,351	60-65%	60.9%	60	60.9%	60	60.9%
1608190003	3	Attawapiskat Power Corporation	514,371	349,077	65-70%	67.9%	56	67.9%	56	67.9%

2019 02 - Rank (Target)	2019 01 - (% of 6 Year Allocated Target)	2019 01 - Rank (Target)	2018 12 - (% of 6 Year Allocated Target)	2018 12 - Rank (Target)	2018 11 - (% of 6 Year Allocated Target)	2018 11 - Rank (Target)	2018 10 - (% of 6 Year Allocated Target)	2018 10 - Rank (Target)	2018 09 - (% of 6 Year Allocated Target)	2018 09 - Rank (Target)
1	181.4%	1	181.1%	1	1.803125287	1	180.3%	14	180.3%	1
2	141.8%	2	140.0%	2	1.386754908	2	138.4%	25	134.8%	2
16	96.5%	15	95.4%	13	0.9434894	13	93.8%	43	92.8%	13
3	141.0%	3	139.6%	3	1.374240569	3	134.7%	31	132.5%	3
6	117.0%	7	114.4%	7	1.130445672	7	112.5%	21	111.8%	6
15	96.7%	14	94.8%	15	0.936510771	14	92.7%	13	92.2%	14
4	123.6%	4	122.9%	4	1.139140891	5	111.4%	50	108.6%	8
13	100.7%	13	99.6%	12	0.980263288	11	97.6%	44	96.4%	11
12	101.1%	12	99.7%	11	0.979937876	12	96.5%	29	96.4%	12
5	121.6%	5	118.7%	5	1.181262886	4	118.0%	10	113.9%	4
36	77.0%	35	75.7%	35	0.730251911	35	72.6%	33	71.9%	33
19	96.3%	16	89.0%	21	0.882696421	21	88.1%	16	84.9%	20
10	108.8%	10	104.2%	9	1.028875285	9	102.6%	15	99.7%	9
11	103.5%	11	100.2%	10	0.986283481	10	98.4%	7	97.6%	10
29	82.8%	28	82.1%	27	0.808133725	24	78.9%	41	78.5%	25
22	91.6%	22	85.8%	22	0.829366426	22	82.8%	19	82.7%	22
18	94.9%	19	93.0%	18	0.899158126	19	89.2%	22	88.2%	18
27	84.7%	24	82.4%	25	0.804844128	27	80.3%	48	78.4%	26
9	115.8%	8	91.4%	19	0.908613715	16	90.6%	32	89.1%	17
40	72.6%	46	69.5%	48	0.673379457	49	67.3%	66	66.8%	44
38	76.2%	37	75.7%	36	0.743682171	34	70.8%	63	70.8%	35
21	92.6%	21	91.0%	20	0.890201315	20	88.5%	9	86.7%	19
33	80.6%	31	79.0%	30	0.78245332	30	77.6%	56	77.3%	28
44	74.5%	39	68.0%	51	0.645460929	52	64.4%	57	64.1%	49
26	83.7%	25	81.9%	28	0.807508546	25	80.0%	8	79.6%	24
7	115.0%	9	114.6%	6	1.134626925	6	113.2%	4	112.5%	5
17	95.3%	17	94.9%	14	0.931206686	15	92.4%	23	91.5%	15
31	79.0%	32	78.5%	31	0.774362304	31	77.1%	42	75.9%	30
46	74.2%	40	71.8%	43	0.709176675	42	70.8%	45	69.4%	39
28	83.0%	27	82.1%	26	0.803501946	28	79.2%	11	76.4%	29
20	94.8%	20	94.2%	16	0.901011677	18	85.0%	18	84.7%	21
37	76.9%	36	75.3%	37	0.718521796	37	71.0%	38	69.3%	41
52	70.7%	51	68.0%	50	0.670440359	50	66.6%	17	64.4%	48
53	64.7%	55	64.5%	55	0.636162537	53	63.4%	62	61.1%	53
41	73.1%	44	72.1%	41	0.69948573	44	69.7%	34	68.5%	42
48	72.8%	45	71.9%	42	0.702548865	43	69.6%	6	69.4%	40
42	73.6%	41	72.3%	40	0.710568463	40	70.7%	40	70.5%	36
32	81.4%	29	76.3%	34	0.756197618	32	75.5%	46	74.0%	31
14	95.0%	18	93.6%	17	0.904676873	17	90.4%	36	89.2%	16
30	81.3%	30	80.8%	29	0.793542454	29	78.5%	27	77.9%	27
8	117.8%	6	112.1%	8	1.102672402	8	110.3%	5	109.3%	7
55	66.3%	53	65.9%	53	0.651608502	51	64.8%	47	63.3%	51
23	83.2%	26	82.9%	23	0.804984591	26	79.0%	28	67.8%	43
25	86.3%	23	82.8%	24	0.819343017	23	81.1%	37	80.4%	23
43	73.2%	43	72.7%	39	0.711102512	39	70.6%	52	69.8%	38
61	57.3%	59	52.9%	61	0.524986343	61	52.5%	65	51.2%	61
39	75.2%	38	74.3%	38	0.723461411	36	71.8%	30	70.1%	37
34	78.2%	33	77.3%	32	0.755968922	33	73.7%	12	73.2%	32
47	72.1%	48	71.7%	44	0.675442813	48	65.9%	49	65.8%	46
59	62.4%	56	61.1%	56	0.608230994	56	94.8%	26	58.6%	54
54	68.2%	52	64.5%	54	0.633595564	54	62.5%	59	61.9%	52
51	71.4%	49	70.7%	47	0.694687473	45	69.1%	39	64.8%	47
64	51.8%	63	51.4%	63	0.503980532	63	50.2%	67	50.2%	62
58	61.6%	57	61.1%	57	0.584541587	57	56.6%	54	56.6%	56
45	73.5%	42	71.3%	45	0.693228305	46	66.7%	35	66.0%	45
62	53.6%	60	53.3%	60	0.524601425	62	46.7%	60	46.6%	63
66	48.3%	66	47.9%	66	0.463406309	66	45.6%	61	45.1%	65
57	57.5%	58	56.1%	58	0.527921315	60	52.5%	55	52.4%	60
35	77.6%	34	76.7%	33	0.716193004	38	71.0%	51	57.5%	55
50	72.3%	47	69.4%	49	0.688636614	47	68.8%	20	63.7%	50
65	50.3%	65	50.1%	65	0.467045607	65	46.5%	58	46.5%	64
63	51.6%	64	51.2%	64	0.497276738	64	44.7%	53	44.1%	66
67	46.3%	67	45.6%	67	0.439280199	67	42.6%	64	40.2%	67
49	66.3%	54	66.0%	52	0.631558738	55	58.2%	24	55.1%	57
24	71.0%	50	71.0%	46	0.709825105	41	71.0%	1	71.0%	34
60	53.3%	61	53.3%	59	0.533107839	58	53.3%	3	53.3%	58
56	52.8%	62	52.8%	62	0.528024752	59	52.8%	2	52.8%	59

2018 08 - (% of 6 Year Allocated Target)	2018 08 - Rank (Target)	2018 07 - (% of 6 Year Allocated Target)	2018 07 - Rank (Target)	2018 06 - (% of 6 Year Allocated Target)	2018 06 - Rank (Target)	2018 05 - (% of 6 Year Allocated Target)	2018 05 - Rank (Target)	2018 04 - (% of 6 Year Allocated Target)	2018 04 - Rank (Target)	2018 03 - (% of 6 Year Allocated Target)
180.2%	13	180.6%	1	180.8%	1	180.1%	1	179.7%	1	179.5%
133.4%	28	133.9%	2	122.6%	4	121.6%	4	121.6%	3	119.1%
92.1%	23	92.1%	13	107.3%	3	121.6%	3	121.6%	4	121.2%
131.3%	32	130.9%	3	125.0%	2	123.5%	2	123.1%	2	112.4%
111.6%	20	111.2%	6	98.9%	5	97.5%	5	97.3%	5	101.8%
91.6%	11	91.3%	14	78.5%	14	76.9%	14	76.1%	14	86.5%
107.5%	60	107.7%	8	97.9%	6	96.1%	6	95.9%	6	91.1%
96.1%	43	96.8%	11	79.3%	13	77.9%	13	77.9%	12	76.6%
96.4%	25	96.2%	12	78.8%	12	78.3%	12	76.4%	13	74.9%
113.8%	12	114.1%	4	87.4%	8	86.9%	8	86.9%	8	86.0%
70.2%	31	69.8%	36	57.1%	38	56.1%	38	52.3%	48	52.7%
85.1%	19	85.2%	19	74.0%	15	73.4%	15	73.4%	15	70.7%
98.4%	16	99.0%	9	79.5%	11	78.4%	11	78.3%	10	73.4%
97.5%	7	98.2%	10	84.2%	9	83.0%	9	83.0%	9	81.4%
78.4%	37	78.6%	25	67.0%	22	66.0%	22	64.5%	26	64.4%
82.6%	15	83.4%	20	67.0%	26	65.6%	26	65.6%	24	65.1%
87.4%	21	86.9%	18	67.4%	23	65.8%	23	65.4%	25	67.0%
78.4%	49	78.8%	24	65.0%	27	64.4%	27	64.4%	27	59.4%
88.7%	33	89.7%	16	69.7%	18	69.3%	18	69.2%	18	63.8%
65.6%	65	66.0%	45	56.3%	42	54.7%	42	54.7%	40	54.7%
70.8%	63	71.7%	33	57.5%	37	56.3%	37	56.3%	36	56.3%
85.6%	9	83.3%	21	70.3%	20	67.6%	20	67.1%	20	65.2%
77.1%	56	77.5%	28	66.3%	25	65.7%	25	65.7%	23	56.9%
64.1%	57	64.4%	48	53.3%	47	52.7%	47	52.7%	46	51.7%
78.7%	8	78.2%	26	68.0%	21	66.9%	21	66.0%	21	71.4%
112.1%	4	112.2%	5	66.4%	28	64.1%	28	63.8%	28	63.5%
89.1%	24	88.6%	17	79.6%	10	78.5%	10	78.2%	11	75.6%
75.9%	40	74.8%	30	72.3%	16	71.3%	16	71.3%	16	60.6%
69.3%	44	69.8%	37	56.6%	39	55.8%	39	55.8%	37	52.4%
75.4%	14	75.2%	29	61.7%	33	59.9%	33	59.1%	34	55.6%
83.2%	18	83.2%	22	93.5%	7	91.9%	7	91.5%	7	59.0%
69.1%	41	68.0%	41	62.1%	32	60.2%	32	60.2%	31	59.8%
64.4%	17	64.2%	49	48.3%	52	47.4%	52	47.4%	52	47.4%
60.3%	62	71.7%	34	62.4%	31	60.3%	31	59.8%	32	57.1%
67.2%	34	66.8%	44	55.5%	45	54.1%	45	53.7%	45	53.5%
69.1%	6	68.2%	40	56.3%	43	54.7%	43	54.7%	41	54.5%
69.6%	36	67.5%	43	55.8%	44	54.5%	44	54.5%	42	53.7%
74.0%	42	74.3%	31	66.4%	24	65.7%	24	65.7%	22	63.9%
89.1%	38	89.7%	15	69.3%	19	68.1%	19	68.1%	19	68.0%
77.7%	22	78.0%	27	63.9%	29	62.5%	29	62.5%	29	62.1%
107.9%	5	108.5%	7	71.4%	17	70.5%	17	70.5%	17	64.8%
62.4%	46	62.4%	51	53.1%	49	51.6%	49	51.5%	49	50.0%
67.6%	30	67.9%	42	60.2%	34	59.6%	34	59.6%	33	56.9%
79.3%	39	79.3%	23	64.7%	30	62.4%	30	61.4%	30	60.8%
69.6%	45	69.1%	38	58.9%	35	58.2%	35	58.1%	35	47.2%
51.1%	66	51.3%	60	45.8%	56	45.5%	56	45.5%	55	40.1%
69.4%	29	68.5%	39	59.1%	36	57.8%	36	55.1%	39	58.4%
73.0%	10	73.0%	32	55.8%	41	55.0%	41	54.3%	43	46.1%
65.1%	52	65.0%	46	52.1%	50	50.8%	50	50.3%	51	41.5%
57.2%	48	57.0%	56	48.3%	53	47.2%	53	45.9%	54	43.0%
60.2%	58	60.4%	52	48.2%	55	46.4%	55	46.1%	53	45.8%
64.5%	47	64.7%	47	54.4%	46	54.0%	46	54.0%	44	46.4%
50.2%	67	50.6%	61	39.0%	62	38.1%	62	38.0%	62	38.0%
56.4%	50	57.3%	55	42.6%	59	41.4%	59	41.4%	59	40.9%
63.8%	35	59.7%	53	48.0%	54	46.8%	54	43.7%	57	39.1%
46.5%	59	46.8%	63	38.5%	63	37.9%	63	37.9%	63	36.2%
44.3%	61	44.6%	65	36.0%	66	34.9%	66	34.8%	66	34.7%
52.3%	53	53.0%	58	39.5%	61	38.3%	61	38.3%	61	38.2%
57.5%	54	57.7%	54	51.1%	51	50.5%	51	50.3%	50	49.0%
63.7%	27	64.0%	50	53.7%	48	52.6%	48	52.6%	47	47.9%
45.8%	55	45.5%	64	43.1%	58	42.4%	58	42.1%	58	48.1%
43.8%	51	43.0%	66	36.5%	65	35.9%	65	35.3%	65	34.2%
40.1%	64	40.2%	67	35.3%	67	34.2%	67	34.2%	67	30.5%
55.0%	26	49.9%	62	45.1%	57	44.6%	57	44.5%	56	44.4%
71.0%	1	71.0%	35	41.3%	60	41.3%	60	41.3%	60	37.5%
53.3%	3	53.3%	57	36.3%	64	36.3%	64	36.3%	64	32.8%
52.8%	2	52.8%	59	33.8%	68	33.8%	68	33.8%	68	30.7%

2018 03 - Rank (Target)	2018 02 - (% of 6 Year Allocated Target)	2018 02 - Rank (Target)	2018 01 - (% of 6 Year Allocated Target)	2018 01 - Rank (Target)	2017 12 - (% of 6 Year Allocated Target)	2017 12 - Rank (Target)	2017 11 - (% of 6 Year Allocated Target)	2017 11 - Rank (Target)	2017 10 - (% of 6 Year Allocated Target)	2017 10 - Rank (Target)	2017 09 - (% of 6 Year Allocated Target)
1	178.9%	1	178.5%	1	161.2%	1	160.1%	1	159.5%	1	159.1%
3	116.7%	2	116.2%	2	113.8%	2	112.3%	2	112.1%	2	108.0%
2	115.9%	3	115.1%	3	113.7%	3	112.2%	3	111.8%	3	105.9%
4	109.8%	4	107.8%	4	106.3%	4	104.6%	4	101.9%	4	100.9%
5	97.9%	5	97.1%	5	96.2%	5	93.5%	5	92.9%	5	91.1%
7	84.8%	8	83.0%	8	81.7%	6	79.3%	6	77.8%	6	76.2%
6	85.0%	7	84.8%	7	79.7%	7	78.4%	7	76.9%	7	74.8%
10	75.7%	9	74.7%	9	71.2%	9	69.1%	9	68.9%	9	68.1%
12	73.0%	11	72.7%	11	71.3%	8	70.6%	8	70.4%	8	68.8%
8	85.7%	6	85.4%	6	68.7%	10	67.6%	10	67.5%	10	67.2%
42	50.6%	43	48.9%	40	47.6%	37	46.3%	35	46.5%	29	45.8%
15	70.2%	13	69.7%	13	66.9%	12	65.7%	12	65.6%	12	63.4%
13	72.7%	12	72.1%	12	67.9%	11	66.2%	11	65.9%	11	63.2%
9	74.4%	10	73.7%	10	62.3%	13	60.5%	13	60.3%	13	59.5%
21	63.8%	18	62.9%	16	61.5%	14	59.8%	14	58.5%	14	58.9%
19	64.2%	16	61.0%	19	59.7%	16	57.4%	17	57.3%	15	56.5%
17	64.1%	17	62.6%	17	60.6%	15	58.3%	15	57.0%	16	55.9%
29	59.0%	26	58.6%	22	55.6%	19	54.5%	19	54.4%	18	53.2%
23	62.5%	20	61.4%	18	57.0%	18	56.2%	18	55.2%	17	52.4%
37	54.1%	32	53.7%	26	53.0%	21	51.8%	20	51.8%	19	50.6%
35	54.8%	30	54.2%	25	53.1%	20	51.3%	21	51.1%	21	50.9%
18	63.5%	19	60.8%	20	59.2%	17	57.5%	16	51.5%	20	50.0%
34	56.4%	27	55.9%	23	49.6%	31	48.5%	25	48.3%	24	47.8%
44	51.2%	41	50.9%	36	49.8%	29	48.7%	24	48.5%	23	46.9%
14	59.0%	25	51.9%	29	50.7%	24	48.7%	23	48.0%	25	47.5%
24	60.0%	24	51.8%	30	50.1%	25	47.9%	27	47.7%	26	47.1%
11	61.2%	22	52.8%	27	51.0%	23	48.4%	26	46.1%	30	45.9%
27	60.0%	23	59.5%	21	50.1%	26	46.8%	33	46.6%	28	46.0%
43	51.9%	39	51.5%	31	50.0%	28	48.8%	22	48.7%	22	45.1%
36	53.4%	35	51.0%	35	50.0%	27	47.5%	30	45.5%	32	44.7%
30	53.2%	36	51.1%	34	49.2%	32	45.7%	37	45.0%	35	44.5%
28	53.9%	33	50.8%	37	48.8%	34	46.8%	32	44.0%	38	43.6%
49	46.9%	46	46.4%	44	45.0%	42	43.7%	40	43.6%	40	43.4%
32	50.8%	42	50.1%	38	48.5%	35	47.3%	31	45.3%	33	42.6%
41	51.3%	40	49.4%	39	48.2%	36	46.8%	34	44.2%	37	43.2%
38	52.5%	37	51.4%	32	49.7%	30	47.7%	29	44.9%	36	43.9%
39	52.3%	38	51.3%	33	46.6%	38	45.2%	38	45.1%	34	44.4%
22	56.2%	28	55.8%	24	44.9%	44	44.0%	39	43.9%	39	42.3%
16	67.2%	14	66.6%	14	45.6%	40	43.6%	42	43.3%	42	42.1%
25	61.3%	21	47.5%	41	44.9%	43	43.1%	43	42.8%	43	41.7%
20	64.3%	15	63.8%	15	49.2%	33	47.7%	28	47.6%	27	40.3%
45	48.0%	44	45.8%	46	43.9%	46	41.8%	44	41.5%	44	40.1%
33	55.6%	29	46.0%	45	45.8%	39	39.8%	48	39.7%	47	39.2%
26	54.2%	31	52.7%	28	51.9%	22	46.0%	36	45.9%	31	45.3%
50	45.3%	48	43.8%	48	42.1%	48	40.8%	46	38.9%	49	38.1%
58	39.9%	56	39.7%	54	37.9%	55	37.4%	54	37.4%	50	36.9%
31	53.8%	34	47.3%	42	45.4%	41	41.4%	45	40.4%	45	39.3%
52	44.4%	50	42.7%	50	42.0%	49	40.4%	47	40.3%	46	39.7%
56	40.5%	54	39.6%	55	38.3%	54	36.9%	56	36.7%	53	36.2%
55	40.1%	55	39.7%	53	38.9%	53	37.6%	52	37.2%	51	36.6%
53	45.1%	49	43.6%	49	42.9%	47	37.3%	55	36.7%	52	36.1%
51	45.9%	47	45.6%	47	40.1%	52	39.2%	50	39.1%	48	34.9%
61	37.5%	60	37.0%	59	36.2%	57	34.8%	57	34.7%	55	34.5%
57	39.6%	57	35.9%	61	34.7%	61	32.5%	63	31.9%	58	31.7%
59	37.9%	58	37.3%	58	35.6%	60	33.5%	61	32.0%	57	31.2%
63	35.8%	63	35.3%	62	34.7%	62	33.7%	60	33.5%	56	30.7%
64	33.8%	64	33.2%	63	32.5%	64	31.3%	64	30.8%	59	30.5%
60	37.4%	62	36.8%	60	35.7%	59	34.1%	59	30.4%	60	30.0%
46	42.9%	51	38.5%	56	35.7%	58	34.4%	58	28.6%	62	27.9%
48	41.1%	53	40.8%	52	40.3%	51	39.4%	49	28.0%	63	27.7%
47	37.6%	59	31.5%	65	30.9%	65	29.6%	66	27.7%	64	26.3%
65	30.4%	67	30.1%	67	29.6%	67	28.7%	67	28.6%	61	28.0%
68	27.4%	68	27.2%	68	26.7%	68	25.8%	68	25.7%	65	25.3%
54	41.4%	52	41.0%	51	40.6%	50	39.1%	51	36.2%	54	22.6%
62	37.5%	61	37.5%	57	37.5%	56	37.5%	53	9.3%	66	9.3%
66	32.8%	65	32.8%	64	32.8%	63	32.8%	62	8.2%	67	8.2%
67	30.7%	66	30.7%	66	30.7%	66	30.7%	65	7.4%	68	7.4%

2017 09 - Rank (Target)	2017 08 - (% of 6 Year Allocated Target)	2017 08 - Rank (Target)	2017 07 - (% of 6 Year Allocated Target)	2017 07 - Rank (Target)	2017 06 - (% of 6 Year Allocated Target)	2017 06 - Rank (Target)	2017 05 - (% of 6 Year Allocated Target)	2017 05 - Rank (Target)	2017 04 - (% of 6 Year Allocated Target)	2017 04 - Rank (Target)	2017 03 - (% of 6 Year Allocated Target)
1	157.9%	1	157.2%	1	122.3%	1	121.2%	1	121.4%	1	92.5%
2	157.9%	2	157.0%	2	90.5%	3	88.7%	3	88.5%	3	84.2%
3	104.1%	3	102.8%	3	89.4%	4	87.7%	4	87.4%	4	84.9%
4	98.8%	4	97.7%	4	93.5%	2	92.0%	2	100.2%	2	88.0%
5	89.6%	5	88.3%	5	85.2%	5	82.8%	5	79.3%	5	76.9%
6	75.3%	6	74.6%	6	47.4%	13	40.3%	18	39.8%	19	37.8%
7	74.2%	7	73.9%	7	69.5%	6	68.5%	6	67.2%	6	65.6%
9	66.4%	8	65.3%	8	53.9%	10	52.0%	9	52.1%	9	48.0%
8	65.9%	9	64.7%	9	54.2%	9	45.7%	11	45.2%	10	43.1%
10	64.9%	10	63.8%	10	48.7%	11	44.2%	13	45.0%	11	41.0%
	45%		42%		35%		33%		30%		26%
11	62.4%	11	61.9%	11	55.2%	7	54.3%	7	54.3%	7	50.6%
12	61.8%	12	60.6%	12	46.3%	14	44.6%	12	44.5%	13	74.5%
13	57.9%	13	56.9%	13	54.7%	8	52.8%	8	52.7%	8	29.9%
14	54.9%	14	54.2%	14	48.1%	12	46.7%	10	44.9%	12	40.6%
15	54.6%	15	53.5%	15	46.1%	15	44.0%	14	43.8%	14	17.9%
16	53.7%	16	52.1%	16	42.3%	20	39.8%	21	39.7%	20	36.0%
17	52.4%	17	51.9%	17	42.3%	19	41.4%	15	41.4%	15	39.0%
18	51.7%	18	51.4%	18	40.8%	22	40.2%	19	40.2%	18	26.2%
20	49.7%	19	45.4%	23	42.8%	16	41.4%	16	41.1%	16	39.4%
19	49.4%	20	48.5%	19	42.5%	18	40.9%	17	40.9%	17	38.5%
21	48.8%	21	47.9%	20	42.7%	17	39.8%	20	39.6%	21	35.8%
24	46.5%	23	45.8%	21	37.0%	29	35.6%	29	37.0%	27	32.5%
27	46.0%	25	45.5%	22	38.8%	26	37.9%	26	37.9%	25	35.0%
25	46.0%	26	44.8%	25	41.4%	21	39.6%	22	39.0%	22	29.3%
26	45.1%	27	44.3%	26	36.5%	31	34.8%	30	34.2%	30	32.0%
29	45.0%	28	43.7%	29	33.0%	39	31.5%	37	31.2%	36	28.9%
28	44.6%	29	43.8%	28	37.3%	28	34.2%	33	33.8%	31	31.6%
31	44.1%	31	43.4%	30	39.2%	25	38.0%	24	38.1%	24	32.3%
33	42.9%	32	40.4%	37	34.3%	34	31.3%	40	29.0%	44	26.5%
34	42.6%	33	42.1%	31	40.6%	23	38.5%	23	38.9%	23	35.9%
37	42.3%	34	41.5%	33	35.7%	33	34.3%	32	33.7%	33	31.5%
38	42.3%	35	41.6%	32	31.2%	46	26.1%	51	26.2%	49	24.3%
41	41.6%	37	40.7%	35	33.0%	38	31.9%	36	31.1%	38	28.2%
39	41.5%	38	40.4%	38	32.2%	44	30.2%	43	30.0%	42	26.6%
36	41.2%	39	38.2%	44	30.0%	48	26.1%	50	26.1%	50	23.7%
35	41.2%	40	39.6%	40	37.9%	27	36.4%	27	33.8%	32	23.3%
42	41.0%	41	40.5%	36	34.2%	35	33.2%	34	33.1%	34	31.1%
43	40.4%	42	39.5%	41	33.2%	36	31.4%	39	31.2%	37	28.6%
44	40.2%	43	39.3%	42	32.4%	43	30.7%	41	30.7%	40	25.6%
45	39.2%	44	38.5%	43	36.9%	30	35.6%	28	35.7%	28	32.2%
46	39.1%	45	37.7%	45	32.6%	41	31.4%	38	30.8%	39	28.8%
50	38.4%	47	37.6%	46	32.8%	40	24.6%	53	24.9%	52	23.1%
30	38.3%	48	35.8%	50	31.5%	45	30.6%	42	30.3%	41	26.9%
51	36.8%	49	36.0%	49	30.3%	47	27.8%	47	27.4%	48	25.1%
52	36.5%	50	36.2%	48	19.4%	67	18.6%	67	18.7%	65	15.8%
49	35.9%	51	31.0%	57	26.6%	53	25.3%	52	25.3%	51	22.3%
47	35.4%	52	34.6%	51	25.2%	55	24.2%	54	23.8%	53	20.4%
54	35.2%	53	34.5%	52	24.4%	57	23.1%	57	23.2%	55	21.4%
53	34.4%	54	33.4%	55	28.2%	52	27.5%	48	27.6%	47	16.9%
55	34.4%	55	33.6%	54	29.9%	49	28.6%	45	28.4%	46	24.3%
56	34.2%	56	33.7%	53	29.1%	50	28.2%	46	28.6%	45	25.3%
57	33.4%	57	31.6%	56	25.6%	54	23.8%	55	23.7%	54	21.8%
58	30.1%	58	29.0%	59	21.8%	61	20.0%	62	20.0%	62	17.3%
59	29.9%	59	28.6%	61	24.8%	56	23.4%	56	22.8%	56	19.4%
60	29.9%	60	29.4%	58	21.7%	62	20.8%	59	20.8%	58	18.7%
61	29.4%	61	28.8%	60	20.6%	65	19.1%	64	20.7%	59	19.0%
62	28.7%	62	27.1%	62	22.0%	60	19.0%	65	17.6%	67	15.4%
64	27.3%	63	26.5%	63	20.8%	64	19.9%	63	18.8%	64	17.5%
65	27.0%	64	26.3%	64	22.2%	59	21.5%	58	21.5%	57	20.5%
66	25.7%	65	25.1%	65	22.3%	58	20.6%	61	20.2%	61	17.0%
63	25.5%	66	24.3%	66	19.4%	66	18.7%	66	18.5%	66	13.6%
67	24.7%	67	24.3%	67	21.3%	63	20.6%	60	20.5%	60	18.8%
68	21.8%	68	21.3%	68	18.1%	68	17.2%	68	17.3%	68	15.6%
69	9.3%	69	9.3%	69	8.7%	69	8.7%	69	8.7%	69	8.7%
70	8.2%	70	8.2%	70	7.7%	70	7.7%	70	7.7%	70	7.7%
71	7.4%	71	7.4%	71	7.0%	71	7.0%	71	7.0%	71	7.0%

2017 03 - Rank (Target)	2017 02 - (% of 6 Year Allocated Target)	2017 02 - Rank (Target)	2017 01 - (% of 6 Year Allocated Target)	2017 01 - Rank (Target)	2016 12 - (% of 6 Year Allocated Target)	2016 12 - Rank (Target)	2016 11 - (% of 6 Year Allocated Target)	2016 11 - Rank (Target)	2016 10 - (% of 6 Year Allocated Target)	2016 10 - Rank (Target)	2016 09 - (% of 6 Year Allocated Target)
1	92.5%	1	77.2%	4	76.5%	4	71.6%	4	70.7%	4	0.676052038
4	84.2%	3	82.5%	2	78.4%	3	75.5%	2	75.2%	2	0.740366315
3	83.3%	4	82.1%	3	80.4%	2	73.4%	3	73.2%	3	0.79268927
2	86.8%	2	85.8%	1	84.5%	1	79.5%	1	79.0%	1	0.783331605
5	76.3%	5	74.4%	5	73.6%	5	46.8%	6	46.1%	7	0.434501995
16	35.2%	18	33.3%	18	31.5%	16	30.1%	17	28.9%	18	0.286655515
7	65.4%	7	64.4%	7	60.9%	6	60.6%	5	60.5%	5	0.60356868
9	48.0%	9	44.1%	9	42.6%	8	41.8%	9	41.6%	9	0.409300193
10	42.1%	10	38.7%	11	35.0%	13	30.6%	16	29.5%	16	0.28191945
11	41.0%	11	37.9%	13	36.2%	11	35.9%	10	35.6%	10	0.337246514
	25%		22%		21%		20%		19%		19%
8	50.6%	8	49.3%	8	47.1%	7	46.7%	7	46.5%	6	0.356103112
6	74.5%	6	72.6%	6	33.0%	14	32.2%	15	32.0%	13	0.252239446
30	29.9%	28	27.8%	28	25.5%	27	24.7%	28	24.4%	28	0.237844214
12	39.7%	12	39.1%	10	37.4%	9	33.9%	12	30.5%	14	0.300657693
60	17.9%	59	15.2%	63	14.2%	63	13.1%	65	12.7%	66	0.12313603
17	33.4%	20	30.8%	20	29.2%	19	27.6%	22	26.6%	23	0.263062211
14	39.0%	14	36.8%	14	33.0%	15	32.6%	13	32.5%	11	0.317827009
39	26.2%	37	25.4%	34	18.9%	47	18.6%	47	18.5%	45	0.152096
13	39.4%	13	38.1%	12	36.4%	10	32.4%	14	32.2%	12	0.321484865
15	38.5%	15	36.5%	15	35.8%	12	35.2%	11	29.2%	17	0.290380469
19	35.7%	17	32.9%	19	31.2%	17	29.3%	19	28.3%	19	0.279580617
21	32.5%	21	29.7%	25	29.1%	20	28.7%	20	27.9%	20	0.275542
20	35.0%	19	33.9%	17	30.0%	18	29.7%	18	29.5%	15	0.293688889
31	28.7%	31	26.7%	30	21.1%	40	19.9%	43	19.1%	43	0.188245393
24	31.4%	25	29.7%	24	25.1%	29	24.1%	30	23.2%	31	0.214159812
32	28.7%	32	27.4%	29	24.0%	31	23.5%	31	23.4%	30	0.223913878
25	29.9%	29	28.1%	26	26.9%	24	25.7%	27	25.4%	26	0.247619808
22	32.3%	22	30.7%	22	28.8%	21	28.1%	21	27.9%	21	0.2761284
38	26.5%	36	23.8%	39	22.5%	35	20.7%	38	19.5%	41	0.189610654
18	35.9%	16	34.4%	16	26.2%	26	25.8%	26	25.6%	25	0.253921706
26	31.4%	24	26.1%	32	23.6%	33	23.0%	34	22.7%	32	0.22718502
44	24.3%	43	21.6%	46	20.8%	44	19.3%	44	17.6%	50	0.11585363
35	28.0%	35	23.7%	40	22.1%	38	18.5%	48	18.3%	46	0.179425518
37	25.6%	39	24.1%	38	22.3%	36	20.7%	37	19.8%	40	0.196768348
47	23.2%	48	21.3%	47	19.2%	46	18.5%	49	17.8%	49	0.169162019
48	23.3%	47	21.6%	45	21.0%	42	20.4%	40	20.2%	38	0.199737813
28	31.1%	26	30.0%	23	27.8%	22	27.4%	23	27.3%	22	0.254981455
34	28.6%	33	26.4%	31	25.4%	28	24.6%	29	24.4%	29	0.240716924
40	25.4%	40	23.3%	41	20.9%	43	20.2%	41	19.8%	39	0.184870985
23	32.2%	23	30.7%	21	26.6%	25	26.2%	24	26.0%	24	0.234510752
33	28.2%	34	25.4%	33	23.3%	34	21.9%	35	20.8%	36	0.198351851
49	23.1%	49	18.4%	52	18.0%	50	17.5%	52	17.1%	51	0.168782042
36	25.7%	38	24.3%	37	23.9%	32	23.5%	32	22.6%	33	0.224475644
42	24.8%	42	22.2%	42	21.0%	41	19.9%	42	19.4%	42	0.188323121
65	15.8%	65	15.2%	62	9.7%	68	9.5%	68	9.4%	68	0.070714938
50	22.2%	50	20.4%	49	18.7%	48	18.3%	50	18.1%	48	0.16437556
54	20.1%	54	18.1%	53	16.5%	55	16.6%	55	14.8%	56	0.135567449
52	21.2%	52	19.8%	50	17.6%	51	17.1%	53	16.9%	52	0.168507699
64	15.9%	64	14.8%	65	14.2%	64	13.0%	66	12.9%	65	0.122763219
45	24.0%	44	21.8%	44	21.1%	39	19.1%	45	18.3%	47	0.140174542
41	25.3%	41	24.4%	36	22.2%	37	21.8%	36	21.7%	35	0.211506004
51	21.3%	51	17.9%	54	17.2%	53	16.8%	54	16.6%	54	0.165397708
62	17.3%	61	15.2%	64	14.3%	62	13.5%	64	13.3%	64	0.131143522
55	18.9%	55	16.9%	57	15.7%	58	14.9%	59	14.5%	57	0.145046659
59	18.7%	56	17.6%	56	14.8%	61	14.4%	60	14.3%	58	0.132516196
57	18.3%	58	16.9%	58	16.7%	54	14.3%	62	14.1%	62	0.149514276
67	13.3%	67	11.4%	67	10.2%	66	9.1%	70	8.9%	70	0.086816893
61	17.5%	60	16.1%	59	15.8%	56	15.2%	58	14.3%	59	0.139416546
53	20.3%	53	19.5%	51	19.2%	45	18.9%	46	18.8%	44	0.207048249
63	16.8%	63	15.7%	60	15.3%	59	14.3%	61	14.2%	60	0.142686347
68	11.7%	68	10.3%	68	9.9%	67	9.3%	69	9.0%	69	0.092052905
58	18.6%	57	17.8%	55	17.5%	52	15.9%	56	13.6%	63	0.132702695
66	14.8%	66	13.7%	66	13.2%	65	12.8%	67	12.6%	67	0.134316796
69	8.7%	69	8.7%	69	8.7%	69	8.7%	71	8.7%	71	0.08737976
70	7.7%	70	7.7%	70	7.7%	70	7.7%	72	7.7%	72	0.076923734
71	7.0%	71	7.0%	71	7.0%	71	7.0%	73	7.0%	73	0.069642326

2016 09 - Rank (Target)	2016 08 - (% of 6 Year Allocated Target)	2016 08 - Rank (Target)	2016 07 - (% of 6 Year Allocated Target)	2016 07 - Rank (Target)	2016 06 - (% of 6 Year Allocated Target)	2016 06 - Rank (Target)	2016 05 - (% of 6 Year Allocated Target)	2016 05 - Rank (Target)	2016 02 - (% of 6 Year Allocated Target)	2016 02 - Rank (Target)
4	66.1%	4	0.574557336	5	39.0%	5	38.0%	5	37.5%	5
3	73.5%	3	0.77743928	2	67.0%	2	66.2%	2	65.1%	2
1	77.1%	1	0.785367854	1	61.3%	3	59.3%	3	57.6%	3
2	77.0%	2	0.774973797	3	73.1%	1	72.2%	1	83.7%	1
7	42.1%	7	0.433238814	8	37.2%	6	36.1%	6	34.5%	6
17	28.1%	16	0.304321334	16	25.3%	14	24.6%	15	22.9%	16
5	60.2%	5	0.603318231	4	52.1%	4	51.8%	4	51.5%	4
8	40.3%	8	0.404549431	9	33.3%	7	32.5%	7	32.1%	8
18	27.8%	17	0.294476928	17	27.3%	12	26.9%	12	25.2%	13
10	32.9%	10	0.37017712	10	30.4%	9	29.8%	9	29.3%	9
	17%		19%		16%		15%		14%	
9	34.5%	9	0.35250723	11	27.6%	11	27.2%	11	26.9%	10
26	24.5%	23	0.258302999	25	15.4%	36	14.6%	36	12.0%	40
29	21.8%	30	0.2170685	33	14.4%	38	13.7%	38	12.7%	38
14	30.5%	13	0.32762996	14	29.3%	10	28.0%	10	25.6%	11
65	11.5%	64	0.110066737	66	6.1%	68	5.2%	68	3.1%	73
22	23.5%	27	0.259723964	24	18.8%	24	18.0%	24	16.6%	25
12	31.2%	12	0.348661221	12	32.2%	8	31.7%	8	32.9%	7
52	15.0%	50	0.177625528	46	11.3%	49	11.0%	48	10.9%	47
11	31.9%	11	0.330052867	13	25.3%	15	24.8%	14	24.5%	14
16	28.6%	15	0.286962608	18	21.4%	21	20.5%	21	20.1%	20
19	26.9%	18	0.263589302	22	11.3%	50	10.1%	52	9.7%	53
21	26.7%	19	0.275546029	21	22.6%	17	21.7%	18	20.8%	18
15	28.8%	14	0.304470541	15	26.3%	13	25.9%	13	25.6%	12
43	17.1%	44	0.180830096	44	13.7%	41	13.1%	41	11.9%	41
34	19.1%	38	0.462782594	6	16.7%	29	16.1%	28	11.7%	43
33	21.8%	29	0.22192178	32	17.8%	26	17.4%	26	17.2%	24
27	24.2%	24	0.223182636	31	18.7%	25	18.1%	23	17.8%	23
20	26.5%	20	0.281914424	20	20.6%	22	19.5%	22	19.5%	21
41	17.6%	43	0.194955372	39	22.0%	20	20.8%	20	19.4%	22
24	24.6%	22	0.256684177	26	22.3%	19	21.4%	19	20.8%	17
31	20.9%	32	0.224965023	30	17.8%	27	16.7%	27	16.4%	26
67	11.3%	65	0.127753118	62	9.0%	64	8.4%	62	8.1%	61
45	15.9%	48	0.156090154	52	15.4%	35	15.0%	35	14.3%	32
40	17.9%	41	0.175725913	47	16.3%	31	15.6%	32	14.3%	33
47	16.4%	46	0.183552938	42	15.3%	37	14.3%	37	13.2%	35
38	19.6%	36	0.202998886	38	10.0%	58	9.4%	59	9.2%	59
23	25.2%	21	0.284449839	19	16.4%	30	16.0%	30	15.8%	28
28	23.5%	26	0.232233935	28	16.9%	28	16.1%	29	15.1%	30
44	17.9%	42	0.186367132	40	13.0%	43	12.2%	43	11.6%	44
30	22.9%	28	0.259821383	23	10.3%	54	9.7%	54	8.9%	60
39	19.2%	37	0.209522408	35	15.8%	34	15.4%	33	14.7%	31
48	15.4%	49	0.151274575	55	9.9%	59	9.5%	58	9.3%	56
32	21.3%	31	0.229495607	29	12.1%	47	11.7%	45	11.3%	45
42	17.9%	40	0.185188324	41	10.2%	55	9.6%	56	9.2%	57
72	6.9%	73	0.082499374	71	15.9%	33	15.7%	31	15.6%	29
51	15.0%	51	0.151898287	54	10.7%	53	10.3%	51	10.1%	51
60	12.8%	61	0.128454667	60	12.9%	44	9.8%	53	10.5%	50
49	16.6%	45	0.178133464	45	10.1%	56	9.6%	55	9.2%	58
66	11.2%	66	0.115507624	65	11.5%	48	11.2%	46	11.0%	46
58	13.3%	58	0.134062541	58	9.1%	63	8.4%	63	7.8%	63
36	20.4%	34	0.20859118	37	23.7%	16	23.3%	16	23.2%	15
50	16.2%	47	0.173380237	48	13.8%	40	13.2%	40	12.9%	36
64	12.6%	63	0.127998024	61	9.0%	65	8.1%	64	4.0%	68
55	13.3%	57	0.157431651	51	14.3%	39	13.6%	39	12.8%	37
63	12.8%	62	0.127737639	63	11.3%	51	10.8%	50	10.6%	49
53	12.9%	60	0.126154858	64	10.1%	57	7.9%	65	7.3%	64
70	8.3%	70	0.085180658	70	4.8%	70	4.1%	70	3.8%	69
59	13.8%	56	0.139317926	56	9.7%	61	9.4%	60	9.3%	55
37	20.4%	33	0.208933084	36	18.8%	23	17.9%	25	16.3%	27
56	13.9%	54	0.136690037	57	11.2%	52	11.0%	49	10.7%	48
68	8.5%	69	0.088336883	69	7.8%	66	7.4%	66	6.4%	66
62	13.1%	59	0.133803629	59	9.8%	60	9.5%	57	9.4%	54
61	10.2%	67	0.105971405	67	5.3%	69	4.9%	69	3.7%	70
69	8.7%	68	0.088685864	68	4.0%	71	4.0%	71	4.0%	67
71	7.7%	71	0.078073547	72	3.5%	72	3.5%	72	3.5%	71
73	7.0%	72	0.070683301	73	3.2%	73	3.2%	73	3.2%	72

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LDC Current Plan ID	# of LDCs in CDM Plan	Province Wide	Allocated Budget	Program to Date Total Actual Spending	Pipeline (Retrofit/PSUI)	Forecasted Savings (Savings + Pipeline - PSUI and Coupons/Instant Discount projected forward)	PSUI Anomalie Savings Removed from Forecast	P4P Projects	Instant Discount Anomalie Removed from Forecast	Coupons Program Anomalie Removed from Forecast	Notes	% of Forecasted Spending vs Allocated Budget
1608190003	3	Fort Albany Power Corporation	$ 98,990	$ 1,053,143	$ -	$ 1,620,220	$ -	$ -	$ -	$ -		1637%
1608190003	3	Attawapiskat Power Corporation	$ 148,832	$ 1,073,270	$ -	$ 1,651,184	$ -	$ -	$ -	$ -		1109%
1608190003	3	Kashechewan Power Corporation	$ 155,966	$ 1,094,800	$ -	$ 1,684,308	$ -	$ -	$ -	$ -		1080%
1711020028	3	Milton Hydro Distribution Inc.	$ 11,911,927	$ 7,076,875	$ 6,036,254	$ 19,025,037	$ 5,873,400	$ -	$ 370,358	$ 721,456	Received feedback from LDC, using their for	160%
1711020028	3	Halton Hills Hydro Inc.	$ 8,387,497	$ 3,959,142	$ 1,000,000	$ 11,986,426	$ 1,000,000	$ -	$ 331,975	$ 607,155	Received feedback from LDC, using their for	143%
1704200017	1	EnWin Utilities Ltd.	$ 38,421,929	$ 19,354,506	$ 18,207,606	$ 48,310,383	$ 16,063,825	$ -	$ 603,959	$ 1,613,296		126%
1603220043	2	Tillsonburg Hydro Inc.	$ 2,881,461	$ 1,560,847	$ 550,333	$ 2,890,832	$ 550,333	$ -	$ 65,790	$ 134,698		100%
1712040024	6	Northern Ontario Wires Inc.	$ 1,174,934	$ 865,722	$ 118,440	$ 1,449,044	$ 34,000	$ -	$ 48,413	$ 102,833		123%
1712110016	3	Essex Powerlines Corporation	$ 8,532,573	$ 6,187,702	$ 2,915,106	$ 12,120,885	$ 2,810,096	$ -	$ 341,185	$ 800,641		142%
1711020002	5	Thunder Bay Hydro Electricity Distribution Inc.	$ 12,927,445	$ 7,730,656	$ 9,341,998	$ 20,945,905	$ 8,811,745	$ -	$ 460,047	$ 1,219,999		162%
1605240006	1	Brantford Power Inc.	$ 16,548,458	$ 6,391,387	$ 8,337,054	$ 17,836,649	$ 8,204,199	$ -	$ 378,045	$ 876,986		108%
1705040010	7	Midland Power Utility Corporation	$ 2,739,690	$ 1,669,807	$ 148,197	$ 2,566,255	$ -	$ -	$ 57,104	$ 447,295		94%
1705030055	1	Orillia Power Distribution Corporation	$ 4,318,856	$ 1,962,045	$ 1,519,779	$ 4,458,003	$ 1,440,400	$ -	$ 124,981	$ 269,888		103%
1712040024	6	PUC Distribution Inc.	$ 7,440,107	$ 4,672,125	$ 300,426	$ 7,296,888	$ -	$ -	$ 368,429	$ 777,872		98%
1603220043	2	London Hydro Inc.	$ 51,192,690	$ 30,924,383	$ 3,749,845	$ 49,802,924	$ 3,669,877	$ -	$ 1,470,096	$ 3,394,787		97%
1711020035	2	Hydro Ottawa Limited	$ 105,242,155	$ 61,857,174	$ 1,136,630	$ 92,537,997	$ 660,220	$ -	$ 3,718,407	$ 8,696,550	Received feedback from LDC, using their for	88%
1712070009	2	Algoma Power Inc.	$ 2,107,963	$ 1,337,879	$ -	$ 1,931,784	$ -	$ -	$ 102,475	$ 268,832		92%
1711060081	3	Erie Thames Powerlines Corporation	$ 7,104,954	$ 3,695,366	$ 8,373,282	$ 14,216,133	$ 7,685,467	$ -	$ 179,963	$ 454,561		200%
1708170068	2	Oakville Hydro Electricity Distribution Inc.	$ 24,575,982	$ 14,682,396	$ 4,220,463	$ 25,300,000	$ 1,481,295	$ -	$ 849,901	$ 2,098,264	Received feedback from LDC, using their for	103%
1705240034	2	Hydro One Networks Inc.	$ 338,355,409	$ 190,426,385	$ 65,161,807	$ 348,590,317	$ 55,330,014	$ -	$ 15,361,086	$ 32,624,304		103%
1711020035	2	Renfrew Hydro Inc.	$ 1,070,574	$ 695,978	$ -	$ 1,031,395	$ -	$ -	$ 26,869	$ 81,954		96%
1711020028	3	Burlington Hydro Inc.	$ 25,825,521	$ 14,446,626	$ 4,868,743	$ 25,774,208	$ 269,600	$ -	$ 753,931	$ 2,140,841	Received feedback from LDC, using their for	100%
1709290080	2	Energy+ Inc.	$ 25,873,071	$ 14,813,980	$ 15,295,410	$ 37,934,101	$ 14,356,916	$ -	$ 631,468	$ 1,429,877		147%
1711060081	3	COLLUS PowerStream Corp.	$ 4,446,841	$ 2,662,451	$ 1,402,600	$ 5,347,780	$ 1,281,200	$ -	$ 143,328	$ 449,081		120%
1705240034	2	Festival Hydro Inc.	$ 8,768,149	$ 4,835,579	$ 1,940,201	$ 9,817,056	$ 658,000	$ -	$ 182,839	$ 530,214		112%
1712040024	6	Greater Sudbury Hydro Inc.	$ 9,672,498	$ 5,806,747	$ 252,361	$ 8,755,759	$ 244,000	$ -	$ 449,989	$ 955,984		91%
1711020047	1	Niagara Peninsula Energy Inc.	$ 19,056,865	$ 8,329,631	$ 4,602,758	$ 16,926,926	$ 4,524,900	$ -	$ 459,243	$ 1,141,068		89%
1712070009	2	Canadian Niagara Power Inc.	$ 7,355,555	$ 4,314,155	$ 886,787	$ 7,359,104	$ 779,000	$ -	$ 195,452	$ 478,620		100%
1705040010	7	Ottawa River Power Corporation	$ 2,282,373	$ 1,363,062	$ 40,798	$ 2,106,429	$ -	$ -	$ 68,971	$ 121,919		92%
1712110016	3	Entegrus Powerlines Inc.	$ 23,339,399	$ 10,401,369	$ 6,776,915	$ 22,455,651	$ 6,060,099	$ -	$ 551,580	$ 1,499,929		96%
1801300040	2	Kitchener-Wilmot Hydro Inc.	$ 27,710,719	$ 15,321,072	$ 1,661,924	$ 24,616,532	$ 1,247,224	$ -	$ 848,741	$ 1,840,130		89%
1706020011	3	Hearst Power Distribution Company Limited	$ 843,903	$ 513,039	$ -	$ 747,496	$ -	$ -	$ 28,734	$ 87,131		89%
1708170068	2	Toronto Hydro-Electric System Limited	$ 396,296,506	$ 204,582,497	$ 128,187,108	$ 370,000,000	$ 69,129,859	$ -	$ 8,765,106	$ 23,668,070	Received feedback from LDC, using their for	93%
1511110072	1	Welland Hydro-Electric System Corp.	$ 6,584,437	$ 2,962,759	$ 495,621	$ 6,009,210	$ 389,800	$ -	$ 174,675	$ 374,979	Received feedback from LDC, using their for	91%
1602260059	1	Peterborough Distribution Incorporated	$ 9,781,455	$ 5,279,699	$ -	$ 7,872,440	$ -	$ -	$ 259,362	$ 550,456		80%
1711020002	5	Atikokan Hydro Inc.	$ 311,330	$ 168,277	$ -	$ 241,902	$ -	$ -	$ 12,889	$ 35,810		78%
1708150032	3	Cooperative Hydro Embrun Inc.	$ 525,743	$ 295,541	$ -	$ 428,423	$ -	$ -	$ 31,713	$ 59,257		81%
1801300040	2	InnPower Corporation	$ 3,680,241	$ 1,947,610	$ 365,423	$ 3,393,047	$ -	$ -	$ 186,255	$ 368,940		92%
1712040024	6	North Bay Hydro Distribution Limited	$ 5,545,424	$ 3,082,149	$ 3,218,754	$ 7,846,493	$ 3,007,456	$ -	$ 233,805	$ 500,454		141%
1708020048	1	Niagara-on-the-Lake Hydro Inc.	$ 2,993,633	$ 1,558,544	$ 70,512	$ 2,444,882	$ -	$ -	$ 73,423	$ 138,253		82%
1705120069	2	Veridian Connections Inc.	$ 37,982,340	$ 19,012,389	$ 3,884,526	$ 32,177,471	$ 3,332,558	$ -	$ 1,344,266	$ 2,773,975		85%
1705040041	1	Lakefront Utilities Inc.	$ 3,077,834	$ 1,461,351	$ 1,045,534	$ 3,466,134	$ 618,472	$ -	$ 63,522	$ 127,975		113%
1711060081	3	Alectra Utilities Corporation	$ 414,824,478	$ 204,597,454	$ 198,176,212	$ 585,153,933	$ 41,602,929	$ 23,843,894	$ 11,131,144	$ 26,148,821		141%
1706020011	3	Chapleau Public Utilities Corporation	$ 298,764	$ 117,299	$ 4,675	$ 173,460	$ -	$ -	$ 15,858	$ 31,608		58%
1701180056	1	Oshawa PUC Networks Inc.	$ 19,963,922	$ 8,773,132	$ 3,349,281	$ 16,065,815	$ 3,144,600	$ -	$ 835,732	$ 1,930,973		80%
1601220071	1	Waterloo North Hydro Inc.	$ 21,192,868	$ 9,303,980	$ 3,157,202	$ 17,298,044	$ 2,397,600	$ -	$ 539,854	$ 1,259,526		82%
1712040024	6	Espanola Regional Hydro Distribution Corporation	$ 685,489	$ 345,799	$ 551,215	$ 1,348,407	$ -	$ -	$ 35,847	$ 70,578		197%
1706020011	3	Grimsby Power Incorporated	$ 2,894,613	$ 1,414,196	$ 88,895	$ 2,195,372	$ -	$ -	$ 102,085	$ 251,215		76%
1709290080	2	Westario Power Inc.	$ 6,101,269	$ 3,007,585	$ -	$ 4,404,972	$ -	$ -	$ 205,681	$ 480,517		72%
1705180004	1	Bluewater Power Distribution Corporation	$ 15,838,687	$ 6,991,861	$ 5,901,532	$ 16,959,103	$ 4,695,852	$ -	$ 346,312	$ 761,561		107%
1512180039	1	Kingston Hydro Corporation	$ 8,674,286	$ 3,959,299	$ 1,205,448	$ 7,601,660	$ 301,800	$ -	$ 165,476	$ 392,024		88%
1711020026	1	Guelph Hydro Electric Systems Inc.	$ 24,920,625	$ 11,606,262	$ 8,568,926	$ 26,099,768	$ 7,950,400	$ -	$ 480,246	$ 1,380,951		105%
1712040024	6	Newmarket-Tay Power Distribution Ltd.	$ 9,649,555	$ 4,166,410	$ 856,046	$ 7,442,599	$ -	$ -	$ 336,468	$ 639,270		77%
1708150032	3	Hydro Hawkesbury Inc.	$ 2,139,160	$ 1,073,334	$ -	$ 1,582,701	$ -	$ -	$ 82,588	$ 154,702		74%
1705040010	7	Wasaga Distribution Inc.	$ 1,814,647	$ 828,719	$ -	$ 1,177,181	$ -	$ -	$ 98,733	$ 214,256		65%
1705120069	2	Whitby Hydro Electric Corporation	$ 15,860,460	$ 6,501,246	$ 2,561,990	$ 12,233,801	$ 2,269,200	$ -	$ 632,774	$ 1,115,287		77%
1705040010	7	Centre Wellington Hydro Ltd.	$ 2,252,724	$ 1,053,854	$ 281,914	$ 1,990,468	$ 29,200	$ -	$ 59,553	$ 110,408		88%
1705040010	7	Rideau St. Lawrence Distribution Inc.	$ 1,306,239	$ 761,989	$ 802,982	$ 2,325,104	$ 94,324	$ -	$ 37,728	$ 71,461		178%
1705040010	7	Lakeland Power Distribution Ltd.	$ 4,142,391	$ 1,846,044	$ 285,495	$ 3,156,080	$ -	$ -	$ 128,779	$ 271,446		76%
1705040010	7	Orangeville Hydro Limited	$ 3,705,603	$ 1,614,663	$ 175,810	$ 2,601,230	$ -	$ -	$ 112,829	$ 322,126		70%
1708150032	3	Hydro 2000 Inc.	$ 394,750	$ 175,513	$ -	$ 251,500	$ -	$ -	$ 22,193	$ 41,741		64%
1711020002	5	Fort Frances Power Corporation	$ 1,109,758	$ 477,358	$ 17,411	$ 711,112	$ -	$ -	$ 50,664	$ 109,759		64%
1708080014	1	E.L.K. Energy Inc.	$ 4,273,057	$ 1,840,694	$ 22,786	$ 2,747,850	$ -	$ -	$ 138,204	$ 266,821		64%
1711020073	1	Wellington North Power Inc.	$ 1,493,412	$ 607,012	$ 99,919	$ 1,059,606	$ -	$ -	$ 32,076	$ 62,581		71%
1705010074	1	West Coast Huron Energy Inc.	$ 2,012,404	$ 716,651	$ -	$ 1,074,169	$ -	$ -	$ 32,946	$ 63,595		53%
1711020002	5	Kenora Hydro Electric Corporation Ltd.	$ 1,407,448	$ 494,632	$ 15,147	$ 734,701	$ -	$ -	$ 50,464	$ 108,770		52%
1711020002	5	Sioux Lookout Hydro Inc.	$ 1,016,095	$ 264,432	$ 59,759	$ 450,773	$ -	$ -	$ 43,663	$ 103,563		44%
		IESO Centrally Delivered	$ 620,000,000	$ 199,208,837		$ 306,475,134			$ -	$ -		
		IESO IAP	$ 260,000,000	$ 69,270,068	$ 80,651,338.790	$ 230,648,318			$ -	$ -		

# of LDCs in CDM Plan	LDC Current Plan ID	Province Wide	Allocated Target	Program to Date kWh Savings as at 2020	Final Verified Savings 2015-2017	Verified P4P Savings	% Joint Plan MTI (2015-2017)	MTI Payment Amount 2015-2017	Mid-Term Threshold (Lesser of AP / CDM / Allocated)	ATI Threshold (Lesser of CDM / Allocated)	Pipeline (PSUP, Retrofit)	Forecasted Savings (Savings + Pipeline - PSUI and Coupons/Instant Discount projected forward)	PSUI Anomalie Savings Removed from Forecast	Instant Discount Anomalie Removed from Forecast	Coupons Program Anomalie Removed from Forecast	Notes
3	1706020011	Hearst Power Distribution Company	3,178,861	6,051,813	5,537,474	-	195%	$ 83,062	1,562,487	3,178,861	179,354	8,537,997	-	259,757	602,438	
3	1711060081	Alectra Utilities Corporation	1,604,544,161	1,299,180,049	998,176,314	106,155,457	169%	$ 13,380,313	526,249,895	1,052,499,790	435,279,404	2,260,823,022	270,264,000	100,626,505	175,647,631	
6	1712040024	North Bay Hydro Distribution Limite	20,258,133	30,623,943	26,150,090	-	178%	$ 392,251	10,129,067	20,258,133	15,682,728	57,564,652	14,354,000	2,113,613	4,396,854	
3	1712110016	Entegrus Powerlines Inc.	94,350,837	93,263,973	84,400,515	-	207%	$ 1,266,008	44,412,643	94,350,837	65,734,585	205,811,520	35,731,000	4,986,327	9,071,699	
2	1709290080	Energy+ Inc.	100,957,518	145,465,299	127,318,151	-	234%	$ 1,670,430	50,478,759	100,957,518	96,206,982	301,717,417	85,546,000	5,708,525	9,721,676	
5	1711020002	Thunder Bay Hydro Electricity Distri	48,417,109	61,109,407	51,751,891	-	195%	$ 776,278	24,208,555	48,417,109	58,601,326	141,994,344	56,920,000	4,158,865	8,250,327	
2	1712070009	Canadian Niagara Power Inc.	28,478,292	28,634,051	23,987,285	-	191%	$ 359,809	12,097,356	24,194,711	5,781,820	45,327,914	4,278,000	1,766,903	3,457,454	
1	1711020026	Guelph Hydro Electric Systems Inc.	99,035,079	124,608,267	102,233,072	-	206%	$ 990,351	49,517,540	99,035,079	59,560,708	236,937,856	47,229,000	4,341,470	8,345,340	
7	1705040010	Wasaga Distribution Inc.	6,317,581	6,511,891	5,815,807	-	173%	$ 87,237	2,342,756	6,317,581	330,141	9,008,993	-	892,553	1,488,620	
1	1708020048	Niagara-on-the-Lake Hydro Inc.	11,676,214	12,081,995	10,496,663	-	180%	$ 104,967	5,838,107	11,676,214	244,990	16,910,074	-	663,747	1,129,104	
7	1705040010	Midland Power Utility Corporation	10,827,205	13,479,729	12,009,438	-	173%	$ 180,142	5,413,603	10,827,205	2,015,895	20,317,874	-	516,223	3,731,932	
7	1705040010	Ottawa River Power Corporation	8,719,912	8,434,233	7,151,451	-	173%	$ 107,272	4,359,956	8,719,912	586,631	12,240,041	-	623,502	1,139,435	
6	1712040024	Greater Sudbury Hydro Inc.	34,743,552	39,429,202	31,334,897	-	178%	$ 470,023	17,371,776	34,743,552	5,151,308	58,572,201	1,985,000	4,067,938	8,201,878	
6	1712040024	PUC Distribution Inc.	26,412,256	27,672,653	24,421,633	-	178%	$ 366,324	13,206,128	26,412,256	3,394,043	41,154,266	-	3,330,626	6,229,501	
3	1706020011	Grimsby Power Incorporated	10,854,157	9,240,350	8,056,977	-	195%	$ 120,855	5,226,266	10,854,157	455,993	12,948,315	-	922,855	1,704,818	
3	1708150032	Cooperative Hydro Embrun Inc.	1,786,768	1,653,747	1,380,958	-	141%	$ 20,714	457,640	1,786,768	87,989	2,234,150	-	286,691	516,708	
2	1705240034	Hydro One Networks Inc.	1,220,698,316	1,195,254,673	986,665,291	-	184%	$ 14,799,979	533,456,563	1,220,698,316	428,642,143	2,049,229,705	333,113,000	138,865,554	243,706,320	
7	1705040010	Lakeland Power Distribution Ltd.	15,775,730	13,790,096	11,748,279	-	173%	$ 176,224	7,077,387	15,770,434	799,075	19,745,729	-	1,164,173	1,947,674	
2	1705240034	Festival Hydro Inc.	34,650,399	41,416,560	28,869,577	-	184%	$ 433,044	17,325,200	34,650,399	13,881,238	72,865,664	8,289,000	1,652,881	4,175,841	
3	1706020011	Chapleau Public Utilities Corporatic	1,045,702	825,708	698,929	-	195%	$ 10,484	522,851	1,045,702	311,314	1,493,703	-	143,356	256,216	
2	1708170068	Oakville Hydro Electricity Distributic	92,390,326	89,545,453	70,096,789	-	138%	$ 1,051,452	46,195,163	92,390,326	18,840,435	115,000,000	7,863,000	7,683,176	14,602,930	Received feedback from LDC, using their forecast
7	1705040010	Orangeville Hydro Limited	14,145,516	11,832,054	10,383,276	-	173%	$ 155,749	6,528,337	14,145,516	1,883,745	18,227,993	-	1,019,985	2,653,856	
7	1705040010	Rideau St. Lawrence Distribution In	5,015,003	4,966,658	2,945,565	-	173%	$ 44,183	2,507,502	5,015,003	658,051	7,491,249	472,000	341,069	584,987	
5	1711020002	Kenora Hydro Electric Corporation I	5,266,020	4,144,559	3,294,191	-	195%	$ 49,413	2,344,142	5,266,020	224,597	5,815,693	-	456,198	809,729	
2	1603220043	London Hydro Inc.	196,661,992	171,289,029	123,756,235	-	130%	$ 1,856,344	98,330,996	196,661,992	55,696,902	298,234,625	27,480,000	13,289,794	25,121,476	
3	1712110016	Essex Powerlines Corporation	31,430,786	37,630,917	33,659,790	-	207%	$ 504,897	12,524,872	31,430,786	37,068,749	88,342,075	35,522,000	3,084,344	5,732,344	
1	1701180056	Oshawa PUC Networks Inc.	73,014,561	60,434,728	52,308,629	-	143%	$ 523,086	36,505,000	73,010,000	24,079,528	104,593,796	19,403,000	7,555,093	15,578,115	
2	1801300040	Kitchener-Wilmot Hydro Inc.	105,710,954	105,290,671	88,155,794	-	166%	$ 1,322,337	52,855,477	105,710,954	17,672,553	164,254,999	8,588,000	7,672,690	13,314,690	
6	1712040024	Newmarket-Tay Power Distribution	36,237,584	27,435,802	23,320,803	-	178%	$ 349,812	18,118,792	36,237,584	3,867,993	42,128,838	-	3,041,697	4,704,986	
3	1711020028	Milton Hydro Distribution Inc.	45,364,386	44,164,941	35,162,569	-	133%	$ 527,439	22,680,000	45,360,000	35,512,561	92,354,804	33,005,000	3,348,069	5,360,851	Received feedback from LDC, using their forecast
5	1711020002	Atikokan Hydro Inc.	1,140,651	809,426	700,497	-	195%	$ 10,507	520,294	1,140,000	-	1,052,606	-	116,518	206,991	
2	1709290080	Westario Power Inc.	23,011,493	17,952,046	14,411,689	-	234%	$ 189,083	10,132,211	23,010,018	1,580,333	26,136,611	-	1,859,370	3,304,383	
1	1605240006	Brantford Power Inc.	64,324,432	45,101,083	36,439,249	-	129%	$ 364,392	28,311,576	64,324,432	46,601,652	109,613,658	41,646,000	3,417,564	6,211,125	
7	1705040010	Centre Wellington Hydro Ltd.	8,726,099	7,473,683	6,159,267	-	173%	$ 92,389	4,207,684	8,726,099	1,207,046	11,755,592	260,000	538,366	898,438	
2	1711020035	Hydro Ottawa Limited	394,539,159	337,010,595	276,086,993	-	139%	$ 4,141,305	197,269,579	394,539,159	156,046,843	650,359,572	52,707,000	33,614,718	54,911,490	
2	1708170068	Toronto Hydro-Electric System Limi	1,556,050,000	1,211,401,701	981,950,524	-	138%	$ 14,729,258	718,313,850	1,436,627,700	553,386,998	1,980,632,090	437,072,600	79,237,324	169,337,763	Received feedback from LDC, using their forecast
3	1711020028	Halton Hills Hydro Inc.	30,944,177	23,820,727	19,583,145	-	133%	$ 293,747	15,470,000	30,940,000	7,264,991	52,312,849	5,796,000	3,001,080	4,413,571	Received feedback from LDC, using their forecast
6	1712040024	Espanola Regional Hydro Distributic	2,406,805	2,374,890	1,935,720	-	178%	$ 29,036	1,203,402	2,406,805	180,358	3,345,974	-	324,064	601,948	
2	1801300040	InnPower Corporation	13,008,553	10,909,203	9,566,282	-	166%	$ 143,494	5,948,348	13,008,553	419,294	14,734,930	-	1,683,759	2,884,450	
6	1712040024	Northern Ontario Wires Inc.	4,307,945	5,257,308	3,575,623	-	178%	$ 53,634	2,044,672	4,307,945	1,602,296	9,018,149	762,000	437,656	810,903	
2	1712070009	Algoma Power Inc.	7,510,012	5,568,278	4,737,380	-	191%	$ 71,061	2,930,015	7,510,012	2,497,603	10,584,705	-	926,380	1,854,502	
1	1711020047	Niagara Peninsula Energy Inc.	74,442,710	53,499,595	43,752,981	-	118%	$ 437,530	37,220,000	74,439,999	28,980,123	103,891,051	23,077,000	4,151,594	6,981,442	
1	1602260059	Peterborough Distribution Incorpor	37,878,298	34,272,014	23,510,679	-	124%	$ 235,107	18,939,149	37,878,298	4,852,228	53,265,782	-	2,344,659	4,541,990	
1	1705010074	West Coast Huron Energy Inc.	8,079,136	4,729,889	3,827,081	-	163%	$ 38,271	2,344,965	8,079,136	443,974	7,085,813	-	297,835	500,258	
1	1601220071	Waterloo North Hydro Inc.	82,378,226	66,169,972	53,675,303	-	130%	$ 536,753	41,189,113	82,378,226	21,842,591	114,921,639	12,875,000	4,880,322	9,290,497	
3	1711060081	Erie Thames Powerlines Corporatio	27,631,824	24,147,220	20,212,671	-	169%	$ 303,190	12,409,805	27,631,824	41,924,905	75,483,538	40,229,000	1,626,885	2,821,341	
3	1711060081	COLLUS PowerStream Corp.	16,863,906	24,849,379	11,630,702	-	169%	$ 174,461	6,754,092	16,863,906	8,415,616	42,562,826	7,366,000	1,295,700	3,186,745	
3	1708150032	Hydro Hawkesbury Inc.	7,921,203	6,131,593	4,769,690	-	141%	$ 71,545	3,959,999	7,919,999	331,661	8,538,416	-	746,601	1,347,628	
1	1705040041	Lakefront Utilities Inc.	12,172,378	10,793,395	7,418,022	-	122%	$ 74,180	6,086,189	12,172,378	5,254,769	20,889,109	3,173,000	574,240	1,060,170	
2	1705120069	Whitby Hydro Electric Corporation	58,443,944	41,872,274	32,639,762	-	115%	$ 489,596	27,625,636	58,439,999	16,293,781	72,562,406	12,315,000	5,720,334	10,306,586	
1	1704200017	EnWin Utilities Ltd.	151,303,695	96,635,879	80,972,099	-	110%	$ 809,721	73,873,743	151,303,695	133,640,886	269,882,948	118,920,000	6,360,046	12,645,370	
5	1711020002	Sioux Lookout Hydro Inc.	3,700,392	1,998,183	1,765,793	-	195%	$ 26,487	1,468,188	3,700,000	54,237	2,592,618	-	394,714	700,357	
3	1711020028	Burlington Hydro Inc.	99,038,952	80,547,824	61,955,226	-	133%	$ 929,328	49,519,476	99,038,952	12,020,934	138,257,599	4,825,000	6,815,598	15,556,117	Received feedback from LDC, using their forecast
1	1705030055	Orillia Power Distribution Corporati	16,577,918	9,190,547	7,402,286	-	95%	$ -	7,761,467	16,146,158	8,858,131	21,688,404	7,202,000	1,129,838	1,892,413	
3	1708150032	Hydro 2000 Inc.	1,364,270	862,861	712,692	-	141%	$ 10,690	465,547	1,360,001	42,852	1,121,068	-	200,628	362,300	
1	1708080014	E.L.K. Energy Inc.	16,198,167	8,131,990	6,656,576	-	103%	$ 66,566	6,492,793	16,198,167	146,844	10,780,037	-	1,249,379	2,077,391	
2	1705120069	Veridian Connections Inc.	142,969,367	110,442,719	81,430,284	-	115%	$ 1,221,454	71,484,683	142,969,367	29,568,381	183,276,328	15,628,000	12,152,279	18,074,205	
5	1711020002	Fort Frances Power Corporation	3,999,772	2,649,365	1,967,905	-	195%	$ 29,519	1,999,886	3,999,772	32,780	3,432,072	-	458,004	814,303	
1	1512180039	Kingston Hydro Corporation	34,495,438	28,928,974	19,277,143	-	112%	$ 192,771	17,247,719	34,495,438	5,667,597	47,023,949	1,509,000	1,495,915	2,754,624	
2	1603220043	Tillsonburg Hydro Inc.	11,307,140	8,302,288	6,972,788	-	130%	$ 104,592	2,455,500	4,911,000	6,181,706	18,721,748	3,017,000	594,746	1,114,808	
1	1705180004	Bluewater Power Distribution Corp	62,367,338	34,632,162	26,332,502	-	84%	$ -	31,183,669	62,367,338	27,990,735	76,115,678	23,842,790	3,130,686	5,693,451	
1	1511110072	Welland Hydro-Electric System Corp	25,496,792	13,875,760	10,340,469	-	101%	$ 103,405	10,212,684	25,496,792	2,791,461	25,428,828	2,223,000	1,579,080	2,988,226	Received feedback from LDC, using their forecast
1	1711020073	Wellington North Power Inc.	5,888,640	2,911,074	2,206,407	-	111%	$ 22,064	1,986,060	5,888,640	149,205	4,109,040	-	289,969	483,788	
2	1711020035	Renfrew Hydro Inc.	4,167,037	3,536,785	1,997,237	-	139%	$ 29,959	2,083,519	4,167,037	722,859	5,813,400	-	242,896	461,528	
3	1608190003	Fort Albany Power Corporation	342,250	297,828	242,938	-	409%	$ 3,644	49,408	342,250	-	420,463	-	-	-	
3	1608190003	Kashechewan Power Corporation	522,597	318,351	278,600	-	409%	$ 4,179	74,194	438,286	-	449,437	-	-	-	
3	1608190003	Attawapiskat Power Corporation	514,371	349,077	271,601	-	409%	$ 4,074	70,271	514,371	-	492,814	-	-	-	
		IESO Centrally Delivered	400,000,000	12,529,974								17,689,375		-	-	
		IESO IAP	1,300,000,000	415,961,111							484,304,715	1,270,963,519		-	-	

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APPENDIX I

2019 LRAM Project List
Data Source: IESO CDM Information System

Record Name: RR LDC Application and Facility
Exported On: Apr 27, 2021 3:03 PM
Filter Selections
IESO Reporting Perio 2019, 2020, 2021

Most current available ratios were used

CDM Program Summary kW / kWh Savings

	Gross Savings Rate Class	% Gross Energy	2019 Gross Energy Savings (kWh)	2019 Gross Demand Savings (kW)	% Gross Demand	Realization Rate	Net To Gross	2019 Net Energy Savings kWh	Realization Rate	Net To Gross	2019 Net Demand Savings kW
						NTG and RR % Sourced from 2017 Verified Report/ 2018 P&C					
						Ratios reflect 2017 RR and NTG for Projects					
SAVE ON ENERGY RETROFIT PROGRAM	GS<50	15.1%	767,855	138	16.9%	106.00%	89.80%	730,906	119.40%	111.90%	184.5
SAVE ON ENERGY RETROFIT PROGRAM	GS>50	84.9%	4,308,343	680	83.1%	106.00%	89.80%	4,101,026	119.40%	111.90%	908.3
* Excludes outside lights and Cannabis kWh	Total		5,076,198	817.9				4,831,931			1,092.8
	Rate Class	% Gross Energy	Gross Energy Savings (kWh)	Gross Demand Savings (kW)	% Gross Demand						
						Ratios reflect 2017 RR and NTG for Projects					
SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	GS<50	62.2%	487,042	183	63.4%	86.7%	85.6%	361,459	66.7%	100.0%	121.9
SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	GS>50	37.8%	296,515	105	36.6%	86.70%	85.60%	220,059	66.70%	100.00%	70.3
	Total		783,557	288.2				581,518			192.2
	Rate Class	% Gross Energy	Gross Energy Savings (kWh)	Gross Demand Savings (kW)	% Gross Demand						
						Ratios reflect 2015 RR and NTG as rported in the IESO 2018 P&C Report					
SAVE ON ENERGY BUSINESS REFRIGERATION INCENTIVE PRO	GS<50	37.7%	17,272	3	41.1%	100.00%	97.58%	16,855	100.00%	97.58%	2.6
SAVE ON ENERGY BUSINESS REFRIGERATION INCENTIVE PRO	GS>50	62.3%	28,575	4	58.9%	100.00%	97.58%	27,884	100.00%	97.58%	3.8
	Total		45,847	6.6				44,739			6.4
	Rate Class	% Gross Energy	Gross Energy Savings (kWh)	Gross Demand Savings (kW)	% Gross Demand						
						Ratios reflect 2015 RR and NTG as rported in the IESO 2018 P&C Report					
SAVE ON ENERGY AUDIT FUNDING PROGRAM	GS<50	47.2%	207,612	178	72.5%	100%	68.60%	142,422	100%	68.60%	122.1
SAVE ON ENERGY AUDIT FUNDING PROGRAM	GS>50	52.8%	231,834	68	27.5%	100%	68.60%	159,038	100%	68.60%	46.3
	Total		439,446	245.5				301,460			168.4
	GS<50		1,479,781	501.6			GS<50	1,251,641		GS<50	431.2
	GS>50		4,865,267	856.6			GS>50	4,508,007		GS>50	1,028.7
	TOTAL Gross Savings		6,345,048	1,358.2			TOTAL Net	5,759,649 kWh		TOTAL Net	1,459.9 kWh

Calculation of 2019 gross savings post 2018 P&C:

		Gross Energy Savings (kWh)	Gross Demand Savings (kW)	Realization Rate	Net To Gross	2019 Net Energy Savings kWh	Realization Rate	Net To Gross	2019 Net Demand Savings kW
2019 Gross Savings		**6,345,048**	**1,358.22**						
Less Net kWh / kW 2019 Jan-Feb				Ratios reflect 2017 RR and NTG for Projects					
SAVE ON ENERGY RETROFIT PROGRAM	2018 P&C	87,785	9	106.0%	89.80%	83,561	119.4%	111.90%	11.6
SAVE ON ENERGY SMALL BUSINESS LIGHTING PF	2018 P&C	288,452	93	86.7%	85.6%	214,075	66.7%	100.0%	62.2
Sub-Total 2019: Jan-Feb Net kWh / kW		376,237	101.9			297,636			73.8
Sub-Total 2019: Mar-Dec Net kWh / kW		**5,968,811**	**1,256**						

PERSISTENCE	2nd Yr	3rd yr	4th Yr	Source:
Retrofit	100%	99.5%	99.5%	2018 P&C - Reference Table
Sm Bus Lighting	88.05%	64.30%	64.10%	2018 P&C - Reference Table
Refrigeration	100%	100%	100%	Not avaliable. Assumed 100%
Audit Funding	100%	100%	100%	2018 P&C - Reference Table

CDM Program Summary kW / kWh Savings

	Net Savings		2019	2019		Persistence - Net Energy Savings kWh					Persistence - Net Demand Savings kW				
	Rate Class	*% Net Energy*	*Net Energy Savings (kWh)*	*Net Demand Savings (kW)*	*% Net Demand*	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
						100%	99.5%	99.5%	99.5%	99.5%	100.0%	99.5%	99.5%	99.5%	99.5%
SAVE ON ENERGY RETROFIT PROGRAM	GS<50	15.1%	730,906	184	16.9%	730,906	727,251	727,251	727,251	727,251	184.47	183.55	183.55	183.55	183.55
SAVE ON ENERGY RETROFIT PROGRAM	GS>50	84.9%	4,101,026	908	83.1%	4,101,026	4,080,520	4,080,520	4,080,520	4,080,520	908.31	903.77	903.77	903.77	903.77
* Excludes outside lights and Cannabis kWh	Total		4,831,931	1,092.8		4,831,931	4,807,772	4,807,772	4,807,772	4,807,772	1,093	1,087	1,087	1,087	1,087
	Rate Class	*% Net Energy*	*Net Energy Savings*	*Net Demand Savings*	*% Net Demand*	88.05%	64.30%	64.10%	64.10%	64.10%	88.1%	64.3%	64.1%	64.1%	64.1%
SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	GS<50	62.2%	361,459	122	63.4%	318,265	232,414	231,709	231,709	231,709	107.37	78.41	78.17	78.17	78.17
SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	GS>50	37.8%	220,059	70	36.6%	193,763	141,496	141,066	141,066	141,066	61.89	45.20	45.06	45.06	45.06
	Total		581,518	192.2		512,028	373,910	372,775	372,775	372,775	169.27	123.61	123.23	123.23	123.23
	Rate Class	*% Net Energy*	*Net Energy Savings*	*Net Demand Savings*	*% Net Demand*	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
SAVE ON ENERGY BUSINESS REFRIGERATION INCENTIVE PRO	GS<50	37.7%	16,855	3	41.1%	16,855	16,855	16,855	16,855	16,855	2.63	2.63	2.63	2.63	2.63
SAVE ON ENERGY BUSINESS REFRIGERATION INCENTIVE PRO	GS>50	62.3%	27,884	4	58.9%	27,884	27,884	27,884	27,884	27,884	3.78	3.78	3.78	3.78	3.78
	Total		44,739	6.4		44,739	44,739	44,739	44,739	44,739	6.41	6.41	6.41	6.41	6.41
	Rate Class	*% Net Energy*	*Net Energy Savings*	*Net Demand Savings*	*% Net Demand*	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
SAVE ON ENERGY AUDIT FUNDING PROGRAM	GS<50	47.2%	142,422	122	72.5%	142,422	142,422	142,422	142,422	142,422	122.11	122.11	122.11	122.11	122.11
SAVE ON ENERGY AUDIT FUNDING PROGRAM	GS>50	52.8%	159,038	46	27.5%	159,038	159,038	159,038	159,038	159,038	46.33	46.33	46.33	46.33	46.33
	Total		301,460	168.4		301,460	301,460	301,460	301,460	301,460	168.44	168.44	168.44	168.44	168.44
		GS<50	1,251,641	431.2											
		GS>50	4,508,007	1,028.7											
	TOTAL Net Savings		5,759,649	1,459.9		5,690,158	5,527,880	5,526,746	5,526,746	5,526,746	1,437	1,386	1,385	1,385	1,385

Calculation of 2019 net savings post 2018 P&C:

		Net Energy Savings	*Net Demand Savings*	
2019 Net Savings		**5,759,649**	**1,459.87**	
Less Net kWh / kW 2019 Jan-Feb				
SAVE ON ENERGY RETROFIT PROGRAM	2018 P&C	83,561	12	Vs 2018 P&C Reported 80,000 kWh after applying 2016 rates. Replaced with 2017 NTG and RR rates
SAVE ON ENERGY SMALL BUSINESS LIGHTING PR	2018 P&C	214,075	62	Vs 2018 P&C Reported 183,052 kWh after applying 2015 rates. Rplaced with 2017 NTG and RR rates
Sub-Total 2019: Jan-Feb Net kWh / kW		297,636	73.8	
Sub-Total 2019: Mar-Dec Net kWh / kW		**5,462,013**	**1,386**	

CDM Project List kW / kWh Savings - 2019

					Total Gross Savings	6,345,047.74	1,358.22						Total Net Savings	5,759,648.53	1,459.87
Project Details															
Application Identification Number	LDC Name	Program Name	Framework (Legacy / CFF)	Project Completion Date (YYYY/MM/DD)	Gross_ Energy_ Savings (kWh)	Gross_ Demand_ Savings (kW)	Rate Class GS<50 GS>50	NTG Energy	NTG Demand	RR Energy	RR Demand	NET_Energy_Savings_kwh	NET_Demand_Savings_KW
200830	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	12/02/2019	7,805.00	5.63	GS<50	89.80%	111.90%	106.00%	119.40%	7,429.42	7.52
203807	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	11/18/2019	12,863.00	2.80	GS<50	89.80%	111.90%	106.00%	119.40%	12,244.03	3.74
205780	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	11/15/2019	248,050.00	57.21	GS>50	89.80%	111.90%	106.00%	119.40%	236,113.83	76.44
203806	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	11/12/2019	2,388.00	0.52	GS<50	89.80%	111.90%	106.00%	119.40%	2,273.09	0.69
204351	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	11/08/2019	29,853.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	28,416.47	-
205533	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	10/09/2019	2,579.00	0.56	GS<50	89.80%	111.90%	106.00%	119.40%	2,454.90	0.75
206335	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	10/03/2019	54,908.00	6.40	GS>50	89.80%	111.90%	106.00%	119.40%	52,265.83	8.55
202568	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	10/03/2019	6,306.00	1.37	GS>50	89.80%	111.90%	106.00%	119.40%	6,002.56	1.83
203527	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	09/30/2019	1,470.00	0.32	GS>50	89.80%	111.90%	106.00%	119.40%	1,399.26	0.43
204337	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	09/26/2019	11,509.00	1.95	GS>50	89.80%	111.90%	106.00%	119.40%	10,955.19	2.61
204550	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	09/16/2019	45,541.00	9.73	GS>50	89.80%	111.90%	106.00%	119.40%	43,349.57	13.00
207116	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	09/16/2019	46,700.00	5.20	GS>50	89.80%	111.90%	106.00%	119.40%	44,452.80	6.95
205547	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	09/06/2019	5,096.00	0.00	GS<50	89.80%	111.90%	106.00%	119.40%	4,850.78	-
206047	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	09/04/2019	26,537.00	0.87	GS<50	89.80%	111.90%	106.00%	119.40%	25,260.04	1.16
206048	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	09/04/2019	20,037.00	2.48	GS<50	89.80%	111.90%	106.00%	119.40%	19,072.82	3.31
206049	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	09/04/2019	24,375.00	2.47	GS<50	89.80%	111.90%	106.00%	119.40%	23,202.08	3.30
205070	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	09/02/2019	20,305.00	4.42	GS<50	89.80%	111.90%	106.00%	119.40%	19,327.92	5.91
203061	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	08/23/2019	50,341.00	0.00	GS<50	89.80%	111.90%	106.00%	119.40%	47,918.59	-
205335	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	08/10/2019	50,340.00	6.87	GS>50	89.80%	111.90%	106.00%	119.40%	47,917.64	9.18
206506	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	08/09/2019	18,636.00	4.00	GS<50	89.80%	111.90%	106.00%	119.40%	17,739.24	5.34
201341	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	07/31/2019	92,197.00	16.22	GS>50	89.80%	111.90%	106.00%	119.40%	87,760.48	21.67
206846	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	07/31/2019	13,261.00	3.70	GS<50	89.80%	111.90%	106.00%	119.40%	12,622.88	4.94
206127	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	07/18/2019	270,489.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	257,473.07	-
202639	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	07/17/2019	150,547.00	31.88	GS>50	89.80%	111.90%	106.00%	119.40%	143,302.68	42.59
202638	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	07/17/2019	11,307.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	10,762.91	-
205288	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	07/17/2019	28,560.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	27,185.69	-
205879	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	07/15/2019	3,465.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	3,298.26	-
198940	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	07/11/2019	18,606.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	17,710.68	-
199123	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	07/11/2019	52,045.00	13.47	GS>50	89.80%	111.90%	106.00%	119.40%	49,540.59	18.00
205174	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	06/30/2019	5,036.00	1.07	GS<50	89.80%	111.90%	106.00%	119.40%	4,793.67	1.43
184673	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	06/28/2019	103,250.00	11.80	GS>50	89.80%	111.90%	106.00%	119.40%	98,281.61	15.77
199252	CTRA UTILITIES CORPORAT	SAVE ON ENERGY RETROFIT PROGRAM	CFF	06/28/2019	46,537.00	10.13	GS<50	89.80%	111.90%	106.00%	119.40%	44,297.64	13.53
206559	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	06/27/2019	1,827.00	0.40	GS<50	89.80%	111.90%	106.00%	119.40%	1,739.08	0.53
203990	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	06/27/2019	10,347.00	0.80	GS>50	89.80%	111.90%	106.00%	119.40%	9,849.10	1.07
204400	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	06/27/2019	79,534.00	16.30	GS>50	89.80%	111.90%	106.00%	119.40%	75,706.82	21.78
205790	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	06/26/2019	254,447.00	57.60	GS>50	89.80%	111.90%	106.00%	119.40%	242,203.01	76.96
202563	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	06/21/2019	56,186.00	12.23	GS>50	89.80%	111.90%	106.00%	119.40%	53,482.33	16.34
202564	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	06/21/2019	32,536.00	7.08	GS>50	89.80%	111.90%	106.00%	119.40%	30,970.37	9.46
202566	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	06/21/2019	8,313.00	1.81	GS>50	89.80%	111.90%	106.00%	119.40%	7,912.98	2.42
203348	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	06/21/2019	12,147.00	2.64	GS>50	89.80%	111.90%	106.00%	119.40%	11,562.49	3.53
205823	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	06/20/2019	12,342.00	3.73	GS<50	89.80%	111.90%	106.00%	119.40%	11,748.10	4.98
205607	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	06/20/2019	75,773.00	19.36	GS>50	89.80%	111.90%	106.00%	119.40%	72,126.80	25.87
205608	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	06/18/2019	26,838.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	25,546.56	-
198611	HYDRO-ELECTRIC SYSTEN	SAVE ON ENERGY RETROFIT PROGRAM	CFF	06/06/2019	39,217.00	7.80	GS>50	89.80%	111.90%	106.00%	119.40%	37,329.88	10.42
198523	HYDRO-ELECTRIC SYSTEN	SAVE ON ENERGY RETROFIT PROGRAM	CFF	05/30/2019	16,259.00	3.00	GS>50	89.80%	111.90%	106.00%	119.40%	15,476.62	4.01
203101	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	05/29/2019	68,220.00	14.85	GS>50	89.80%	111.90%	106.00%	119.40%	64,937.25	19.84
203206	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	05/22/2019	2,098.00	0.19	GS>50	89.80%	111.90%	106.00%	119.40%	1,997.04	0.25
205349	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	05/20/2019	2,400.00	0.52	GS<50	89.80%	111.90%	106.00%	119.40%	2,284.51	0.69
201161	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	05/17/2019	16,805.00	3.90	GS>50	89.80%	111.90%	106.00%	119.40%	15,996.34	5.21
205276	CTRA UTILITIES CORPORAT	SAVE ON ENERGY RETROFIT PROGRAM	CFF	05/15/2019	13,188.00	0.00	GS<50	89.80%	111.90%	106.00%	119.40%	12,553.39	-
200105	HYDRO-ELECTRIC SYSTEN	SAVE ON ENERGY RETROFIT PROGRAM	CFF	05/15/2019	24,215.00	6.10	GS<50	89.80%	111.90%	106.00%	119.40%	23,049.77	8.15
204988	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	05/15/2019	3,934.00	0.86	GS>50	89.80%	111.90%	106.00%	119.40%	3,744.70	1.15
204911	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	05/13/2019	56,120.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	53,419.51	-
200758	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	05/08/2019	7,233.00	2.10	GS>50	89.80%	111.90%	106.00%	119.40%	6,884.95	2.81
200557	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	05/08/2019	594,048.00	68.00	GS>50	89.80%	111.90%	106.00%	119.40%	565,462.41	90.85
205319	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	05/08/2019	3,463.00	0.75	GS>50	89.80%	111.90%	106.00%	119.40%	3,296.36	1.00
203839	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	05/08/2019	3,439.00	0.75	GS<50	89.80%	111.90%	106.00%	119.40%	3,273.52	1.00
205244	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	05/08/2019	11,896.00	2.59	GS>50	89.80%	111.90%	106.00%	119.40%	11,323.56	3.46
202567	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	05/08/2019	29,956.00	6.52	GS>50	89.80%	111.90%	106.00%	119.40%	28,514.52	8.71
194115	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	05/01/2019	13,485.00	1.75	GS<50	89.80%	111.90%	106.00%	119.40%	12,836.10	2.34
195577	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	04/30/2019	647,020.00	52.01	GS>50	89.80%	111.90%	106.00%	119.40%	615,885.40	69.49
190411	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	04/30/2019	1,816,115.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	1,728,723.55	-
203058	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	04/29/2019	5,572.00	1.90	GS>50	89.80%	111.90%	106.00%	119.40%	5,303.88	2.54
197022	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	04/28/2019	42,627.00	5.49	GS>50	89.80%	111.90%	106.00%	119.40%	40,575.79	7.34
200532	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	04/23/2019	5,035.00	1.10	GS>50	89.80%	111.90%	106.00%	119.40%	4,792.72	1.47
207057	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	04/19/2019	72,392.00	13.33	GS<50	89.80%	111.90%	106.00%	119.40%	68,908.50	17.81
198135	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	04/16/2019	3,146.00	0.90	GS>50	89.80%	111.90%	106.00%	119.40%	2,994.61	1.20
186800	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	04/16/2019	2,878.00	0.90	GS>50	89.80%	111.90%	106.00%	119.40%	2,739.51	1.20
204589	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	04/15/2019	3,058.00	0.16	GS<50	89.80%	111.90%	106.00%	119.40%	2,910.85	0.21
198873	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	04/12/2019	24,654.00	1.52	GS<50	89.80%	111.90%	106.00%	119.40%	23,467.65	2.03
204489	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	04/10/2019	4,982.00	1.00	GS<50	89.80%	111.90%	106.00%	119.40%	4,742.27	1.34
198625	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	04/08/2019	1,720.00	0.35	GS>50	89.80%	111.90%	106.00%	119.40%	1,637.23	0.47
191017	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	04/05/2019	227,373.00	31.62	GS>50	89.80%	111.90%	106.00%	119.40%	216,431.81	42.25
202524	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	04/05/2019	50,236.00	8.00	GS>50	89.80%	111.90%	106.00%	119.40%	47,818.64	10.69
205994	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	04/03/2019	5,463.00	1.50	GS<50	89.80%	111.90%	106.00%	119.40%	5,200.12	2.00
205504	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	04/02/2019	67,860.00	15.87	GS>50	89.80%	111.90%	106.00%	119.40%	64,594.58	21.20
203340	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	03/29/2019	39,462.00	1.91	GS>50	89.80%	111.90%	106.00%	119.40%	37,563.09	2.55
204510	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	03/29/2019	13,781.00	3.20	GS>50	89.80%	111.90%	106.00%	119.40%	13,117.86	4.28
201420	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	03/29/2019	2,216,749.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	2,110,079.04	-
202400	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	03/28/2019	21,591.00	5.49	GS<50	89.80%	111.90%	106.00%	119.40%	20,552.04	7.34
201307	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	03/27/2019	56,276.00	12.59	GS>50	89.80%	111.90%	106.00%	119.40%	53,568.00	16.82
206233	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	03/26/2019	8,838.00	1.92	GS<50	89.80%	111.90%	106.00%	119.40%	8,412.72	2.57
205036	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	03/23/2019	13,795.00	3.06	GS>50	89.80%	111.90%	106.00%	119.40%	13,131.18	4.09
197126	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	03/19/2019	8,755.00	1.09	GS<50	89.80%	111.90%	106.00%	119.40%	8,333.71	1.46
203650	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	03/08/2019	13,351.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	12,708.55	-

204740	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	03/05/2019	1,433.00	0.31	GS<50	89.80%	111.90%	106.00%	119.40%	1,364.04	0.41
202068	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	02/28/2019	6,406.00	0.87	GS>50	89.80%	111.90%	106.00%	119.40%	6,097.74	1.16
203262	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	02/28/2019	15,770.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	15,011.15	-
199072	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	02/28/2019	9,884.00	2.70	GS<50	89.80%	111.90%	106.00%	119.40%	9,408.38	3.61
203723	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	02/28/2019	6,874.00	1.50	GS>50	89.80%	111.90%	106.00%	119.40%	6,543.22	2.00
205066	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	02/22/2019	2,579.00	0.56	GS<50	89.80%	111.90%	106.00%	119.40%	2,454.90	0.75
204693	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	02/22/2019	7,308.00	0.00	GS<50	89.80%	111.90%	106.00%	119.40%	6,956.34	-
195277	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	02/18/2019	17,028.00	1.95	GS>50	89.80%	111.90%	106.00%	119.40%	16,208.61	2.61
204487	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	02/15/2019	5,099.00	1.10	GS>50	89.80%	111.90%	106.00%	119.40%	4,853.64	1.47
202918	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	02/15/2019	6,924.00	1.77	GS>50	89.80%	111.90%	106.00%	119.40%	6,590.82	2.36
202024	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	02/14/2019	18,060.00	0.00	GS<50	89.80%	111.90%	106.00%	119.40%	17,190.95	-
202023	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	02/14/2019	11,151.00	0.00	GS<50	89.80%	111.90%	106.00%	119.40%	10,614.41	-
204637	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	02/13/2019	11,381.00	2.60	GS<50	89.80%	111.90%	106.00%	119.40%	10,833.35	3.47
204390	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	02/10/2019	2,149.99	0.47	GS>50	89.80%	111.90%	106.00%	119.40%	2,046.53	0.63
203860	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	02/08/2019	12,558.00	0.40	GS<50	89.80%	111.90%	106.00%	119.40%	11,953.71	0.53
204375	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	02/08/2019	28,349.00	3.30	GS>50	89.80%	111.90%	106.00%	119.40%	26,984.85	4.41
202232	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	02/05/2019	130,697.00	29.70	GS>50	89.80%	111.90%	106.00%	119.40%	124,407.86	39.68
201133	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	02/04/2019	81,679.00	7.65	GS<50	89.80%	111.90%	106.00%	119.40%	77,748.61	10.22
204842	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	02/02/2019	11,952.00	18.02	GS<50	89.80%	111.90%	106.00%	119.40%	11,376.87	24.08
202074	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	02/01/2019	3,203.00	0.44	GS>50	89.80%	111.90%	106.00%	119.40%	3,048.87	0.59
201558	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	01/31/2019	7,662.00	1.20	GS>50	89.80%	111.90%	106.00%	119.40%	7,293.30	1.60
204170	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	01/31/2019	13,632.00	3.60	GS<50	89.80%	111.90%	106.00%	119.40%	12,976.03	4.81
201778	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	01/30/2019	20,136.00	2.51	GS>50	89.80%	111.90%	106.00%	119.40%	19,167.06	3.35
200142	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	01/25/2019	7,331.94	1.95	GS<50	89.80%	111.90%	106.00%	119.40%	6,979.13	2.60
198366	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	01/25/2019	3,502.00	0.00	GS<50	89.80%	111.90%	106.00%	119.40%	3,333.48	-
200807	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	01/25/2019	30,101.00	6.50	GS>50	89.80%	111.90%	106.00%	119.40%	28,652.54	8.68
203801	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	01/25/2019	5,159.00	1.12	GS<50	89.80%	111.90%	106.00%	119.40%	4,910.75	1.50
203933	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	01/23/2019	16,092.00	4.30	GS>50	89.80%	111.90%	106.00%	119.40%	15,317.65	5.75
201537	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	01/18/2019	329,423.00	38.00	GS>50	89.80%	111.90%	106.00%	119.40%	313,571.17	50.77
199964	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	01/15/2019	31,827.00	6.87	GS<50	89.80%	111.90%	106.00%	119.40%	30,295.48	9.18
202120	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	01/14/2019	55,328.00	8.25	GS>50	89.80%	111.90%	106.00%	119.40%	52,665.62	11.02
197622	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	01/07/2019	54,838.00	2.10	GS>50	89.80%	111.90%	106.00%	119.40%	52,199.20	2.81
203248	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	01/07/2019	8,528.00	2.26	GS<50	89.80%	111.90%	106.00%	119.40%	8,117.63	3.02
203249	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	01/04/2019	22,101.00	7.30	GS<50	89.80%	111.90%	106.00%	119.40%	21,037.50	9.75
191314	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	01/03/2019	2,852.00	0.90	GS>50	89.80%	111.90%	106.00%	119.40%	2,714.76	1.20
196786	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	01/03/2019	9,240.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	8,795.37	-
196798	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	01/03/2019	2,845.00	1.00	GS>50	89.80%	111.90%	106.00%	119.40%	2,708.10	1.34
195434	CTRA UTILITIES CORPORAT	SAVE ON ENERGY RETROFIT PROGRAM	CFF	01/02/2019	190,513.00	41.47	GS>50	89.80%	111.90%	106.00%	119.40%	181,345.51	55.41
201277	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	01/01/2019	20,527.00	2.80	GS>50	89.80%	111.90%	106.00%	119.40%	19,539.24	3.74
201469	HYDRO-ELECTRIC SYSTEN	SAVE ON ENERGY RETROFIT PROGRAM	CFF	12/31/2019	15,291.00	1.10	GS<50	89.80%	111.90%	106.00%	119.40%	14,555.20	1.47
196770	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	12/31/2019	8,218.00	2.01	GS<50	89.80%	111.90%	106.00%	119.40%	7,822.55	2.69
196769	HYDRO-ELECTRIC SYSTEN	SAVE ON ENERGY RETROFIT PROGRAM	CFF	12/31/2019	7,855.00	1.71	GS<50	89.80%	111.90%	106.00%	119.40%	7,477.02	2.28
201903KWH6A1	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/30/2019	6,769.00	2.50	GS<50	85.60%	100.00%	86.70%	66.70%	5,023.63	1.67
201903KWH9F7	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/30/2019	1,263.00	0.56	GS<50	85.60%	100.00%	86.70%	66.70%	937.34	0.37
201903KWH51D	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/30/2019	5,219.00	2.10	GS<50	85.60%	100.00%	86.70%	66.70%	3,873.29	1.40
201903KWH03F	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/30/2019	6,769.00	2.50	GS<50	85.60%	100.00%	86.70%	66.70%	5,023.63	1.67
201903KWH9BA	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/30/2019	2,952.00	1.09	GS<50	85.60%	100.00%	86.70%	66.70%	2,190.83	0.73
201903KWHD10	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/30/2019	7,670.00	2.23	GS<50	85.60%	100.00%	86.70%	66.70%	5,692.31	1.49
201903KWH5F3	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/30/2019	4,190.00	1.55	GS<50	85.60%	100.00%	86.70%	66.70%	3,109.62	1.03
201903KWH6B9	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/30/2019	708.00	0.29	GS<50	85.60%	100.00%	86.70%	66.70%	525.44	0.19
201903KWH66B	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/30/2019	1,403.00	0.35	GS<50	85.60%	100.00%	86.70%	66.70%	1,041.24	0.23
201903KWH2DA	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/30/2019	482.00	0.24	GS<50	85.60%	100.00%	86.70%	66.70%	357.72	0.16
201903KWH8C4	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/30/2019	5,303.00	1.68	GS<50	85.60%	100.00%	86.70%	66.70%	3,935.63	1.12
201903KWH6AC	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/30/2019	10,439.00	0.00	GS<50	85.60%	100.00%	86.70%	66.70%	7,747.32	-
201903KWHB62	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/30/2019	1,027.00	0.36	GS<50	85.60%	100.00%	86.70%	66.70%	762.19	0.24
201903KWHA71	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/29/2019	3,267.00	0.95	GS<50	85.60%	100.00%	86.70%	66.70%	2,424.61	0.63
201903KWH86D	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/29/2019	10,068.00	2.23	GS<50	85.60%	100.00%	86.70%	66.70%	7,471.99	1.49
201902KWH854	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/29/2019	435.00	1.24	GS<50	85.60%	100.00%	86.70%	66.70%	322.84	0.83
201903KWHCCB	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/29/2019	10,176.00	2.89	GS<50	85.60%	100.00%	86.70%	66.70%	7,552.14	1.93
201903KWHE85	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/29/2019	3,234.00	1.11	GS<50	85.60%	100.00%	86.70%	66.70%	2,400.12	0.74
201903KWHA8E	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/29/2019	2,563.00	1.14	GS<50	85.60%	100.00%	86.70%	66.70%	1,902.14	0.76
201901KWH9D1	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/29/2019	2,039.00	1.63	GS<50	85.60%	100.00%	86.70%	66.70%	1,513.25	1.09
201903KWH7E2	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/23/2019	642.00	0.31	GS<50	85.60%	100.00%	86.70%	66.70%	476.46	0.21
201903KWH038	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/23/2019	1,095.00	0.36	GS<50	85.60%	100.00%	86.70%	66.70%	812.66	0.24
201903KWH890	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/16/2019	2,810.00	1.22	GS<50	85.60%	100.00%	86.70%	66.70%	2,085.45	0.81
201903KWH089	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/16/2019	1,408.00	1.35	GS<50	85.60%	100.00%	86.70%	66.70%	1,044.95	0.90
201902KWHC5D	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/15/2019	2,198.00	1.12	GS<50	85.60%	100.00%	86.70%	66.70%	1,631.25	0.75
201903KWHC9E	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/15/2019	3,943.00	1.24	GS<50	85.60%	100.00%	86.70%	66.70%	2,926.31	0.83
201902KWH5E2	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/15/2019	1,122.00	0.45	GS<50	85.60%	100.00%	86.70%	66.70%	832.69	0.30
201903KWH421	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/15/2019	1,175.00	0.43	GS<50	85.60%	100.00%	86.70%	66.70%	872.03	0.29
201903KWHD27	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/15/2019	3,296.00	1.22	GS<50	85.60%	100.00%	86.70%	66.70%	2,446.13	0.81
201902KWHB6F	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/15/2019	3,062.00	1.23	GS<50	85.60%	100.00%	86.70%	66.70%	2,272.47	0.82
201903KWH0E5	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/15/2019	3,596.00	1.56	GS<50	85.60%	100.00%	86.70%	66.70%	2,668.78	1.04
201902KWH15A	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/12/2019	5,882.00	1.08	GS<50	85.60%	100.00%	86.70%	66.70%	4,365.34	0.72
201901KWH14A	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/12/2019	1,567.00	0.49	GS<50	85.60%	100.00%	86.70%	66.70%	1,162.95	0.33
201902KWH6CE	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/12/2019	2,913.00	1.30	GS<50	85.60%	100.00%	86.70%	66.70%	2,161.89	0.87
201902KWH751	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/12/2019	8,805.00	0.00	GS<50	85.60%	100.00%	86.70%	66.70%	6,534.65	-
201903KWH699	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/12/2019	3,342.00	1.17	GS<50	85.60%	100.00%	86.70%	66.70%	2,480.27	0.78
201901KWHCA3	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/12/2019	2,087.00	0.26	GS<50	85.60%	100.00%	86.70%	66.70%	1,548.87	0.17
201902KWHFE5	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/10/2019	4,560.00	0.00	GS<50	85.60%	100.00%	86.70%	66.70%	3,384.21	-
201902KWHD18	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/10/2019	2,202.00	0.63	GS<50	85.60%	100.00%	86.70%	66.70%	1,634.22	0.42
201902KWHAFA	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/10/2019	1,531.00	0.61	GS>50	85.60%	100.00%	86.70%	66.70%	1,136.23	0.41
201902KWHB88	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/08/2019	918.00	0.37	GS<50	85.60%	100.00%	86.70%	66.70%	681.30	0.25
201902KWHD68	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/08/2019	1,267.00	0.51	GS<50	85.60%	100.00%	86.70%	66.70%	940.31	0.34
201902KWHC6B	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/08/2019	160.00	0.12	GS<50	85.60%	100.00%	86.70%	66.70%	118.74	0.08
201902KWH320	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/08/2019	1,225.00	0.49	GS<50	85.60%	100.00%	86.70%	66.70%	909.14	0.33
201902KWH112	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/08/2019	786.00	0.29	GS<50	85.60%	100.00%	86.70%	66.70%	583.33	0.19
201902KWH391	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/08/2019	2,382.00	0.96	GS<50	85.60%	100.00%	86.70%	66.70%	1,767.81	0.64
201902KWHC7D	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/08/2019	714.00	0.29	GS<50	85.60%	100.00%	86.70%	66.70%	529.90	0.19
201902KWH05D	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/08/2019	582.00	0.23	GS<50	85.60%	100.00%	86.70%	66.70%	431.93	0.15
201903KWH396	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/05/2019	7,258.00	2.91	GS<50	85.60%	100.00%	86.70%	66.70%	5,386.54	1.94
201903KWH4F4	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/03/2019	3,204.00	1.34	GS<50	85.60%	100.00%	86.70%	66.70%	2,377.86	0.89
201903KWHA73	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/03/2019	1,437.00	0.40	GS<50	85.60%	100.00%	86.70%	66.70%	1,066.47	0.27
201903KWH29D	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/03/2019	2,807.00	0.50	GS<50	85.60%	100.00%	86.70%	66.70%	2,083.22	0.33
201903KWH959	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/03/2019	3,888.00	0.98	GS<50	85.60%	100.00%	86.70%	66.70%	2,885.49	0.65

201903KWH3E5	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/03/2019	1,087.00	0.26	GS<50	85.60%	100.00%	86.70%	66.70%	806.72	0.17
201903KWHD6E	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/03/2019	1,603.00	0.83	GS<50	85.60%	100.00%	86.70%	66.70%	1,189.67	0.55
201902KWHDBC	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/02/2019	5,561.00	1.98	GS<50	85.60%	100.00%	86.70%	66.70%	4,127.11	1.32
201902KWHF59	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	04/02/2019	5,071.00	1.51	GS<50	85.60%	100.00%	86.70%	66.70%	3,763.45	1.01
201902KWHF97	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	03/29/2019	2,224.00	0.99	GS>50	85.60%	100.00%	86.70%	66.70%	1,650.55	0.66
201903KWHE4E	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	03/29/2019	3,027.00	1.14	GS>50	85.60%	100.00%	86.70%	66.70%	2,246.49	0.76
201902KWH761	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	03/28/2019	12,909.00	1.62	GS>50	85.60%	100.00%	86.70%	66.70%	9,580.44	1.08
201902KWH376	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	03/27/2019	2,024.00	0.58	GS>50	85.60%	100.00%	86.70%	66.70%	1,502.12	0.39
201902KWH861	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	03/27/2019	608.00	0.31	GS>50	85.60%	100.00%	86.70%	66.70%	451.23	0.21
201902KWH8BF	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	03/27/2019	3,075.00	0.70	GS>50	85.60%	100.00%	86.70%	66.70%	2,282.12	0.47
201902KWHE6B	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	03/27/2019	2,857.00	1.03	GS>50	85.60%	100.00%	86.70%	66.70%	2,120.33	0.69
201902KWH327	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	03/26/2019	9,115.00	1.62	GS>50	85.60%	100.00%	86.70%	66.70%	6,764.72	1.08
201902KWHADB	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	03/26/2019	2,535.00	0.57	GS>50	85.60%	100.00%	86.70%	66.70%	1,881.36	0.38
201901KWH5C7	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	03/26/2019	2,875.00	1.11	GS>50	85.60%	100.00%	86.70%	66.70%	2,133.69	0.74
201901KWH0AE	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	03/19/2019	3,209.00	1.29	GS>50	85.60%	100.00%	86.70%	66.70%	2,381.57	0.86
201901KWHB35	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	03/19/2019	2,946.00	1.13	GS>50	85.60%	100.00%	86.70%	66.70%	2,186.38	0.75
201901KWH2B5	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	03/19/2019	701.00	0.23	GS>50	85.60%	100.00%	86.70%	66.70%	520.25	0.15
201812KWH87A	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	03/19/2019	1,319.00	0.53	GS>50	85.60%	100.00%	86.70%	66.70%	978.90	0.35
201812KWH794	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	03/08/2019	1,805.00	0.73	GS>50	85.60%	100.00%	86.70%	66.70%	1,339.58	0.49
201812KWHF61	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	03/08/2019	2,238.00	0.90	GS<50	85.60%	100.00%	86.70%	66.70%	1,660.94	0.60
201812KWH10D	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	03/05/2019	2,924.00	1.31	GS<50	85.60%	100.00%	86.70%	66.70%	2,170.05	0.87
201812KWH508	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	03/05/2019	2,924.00	1.31	GS<50	85.60%	100.00%	86.70%	66.70%	2,170.05	0.87
201812KWHF49	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	02/28/2019	578.00	0.23	GS>50	85.60%	100.00%	86.70%	66.70%	428.96	0.15
201812KWH4E4	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	02/28/2019	3,249.00	1.30	GS>50	85.60%	100.00%	86.70%	66.70%	2,411.25	0.87
201811KWH0B1	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	02/15/2019	3,249.00	1.30	GS>50	85.60%	100.00%	86.70%	66.70%	2,411.25	0.87
201811KWHAC1	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	02/15/2019	5,921.00	2.38	GS>50	85.60%	100.00%	86.70%	66.70%	4,394.28	1.59
201811KWH31D	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	02/14/2019	1,950.00	0.78	GS>50	85.60%	100.00%	86.70%	66.70%	1,447.20	0.52
201812KWH720	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	02/14/2019	1,950.00	0.78	GS>50	85.60%	100.00%	86.70%	66.70%	1,447.20	0.52
201811KWH5C9	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	02/13/2019	3,972.00	1.60	GS>50	85.60%	100.00%	86.70%	66.70%	2,947.83	1.07
201811KWH401	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	02/13/2019	1,877.00	0.75	GS>50	85.60%	100.00%	86.70%	66.70%	1,393.02	0.50
201811KWH919	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	02/08/2019	1,516.00	0.61	GS<50	85.60%	100.00%	86.70%	66.70%	1,125.10	0.41
201811KWHEFE	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	02/08/2019	3,394.00	1.36	GS<50	85.60%	100.00%	86.70%	66.70%	2,518.86	0.91
201812KWHA26	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	02/04/2019	1,516.00	0.61	GS<50	85.60%	100.00%	86.70%	66.70%	1,125.10	0.41
201812KWH9FE	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	02/01/2019	2,527.00	1.02	GS>50	85.60%	100.00%	86.70%	66.70%	1,875.42	0.68
201812KWH428	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	02/01/2019	3,249.00	1.30	GS>50	85.60%	100.00%	86.70%	66.70%	2,411.25	0.87
201812KWHECA	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	02/01/2019	2,383.00	0.96	GS>50	85.60%	100.00%	86.70%	66.70%	1,768.55	0.64
201811KWHA5F	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	01/31/2019	3,538.00	1.42	GS>50	85.60%	100.00%	86.70%	66.70%	2,625.73	0.95
201811KWH656	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	01/30/2019	4,405.00	1.77	GS<50	85.60%	100.00%	86.70%	66.70%	3,269.18	1.18
201811KWHB59	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	01/30/2019	3,249.00	1.30	GS<50	85.60%	100.00%	86.70%	66.70%	2,411.25	0.87
201811KWH389	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	01/23/2019	3,574.00	1.30	GS<50	85.60%	100.00%	86.70%	66.70%	2,652.45	0.87
201811KWHAA3	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	01/23/2019	3,610.00	1.45	GS>50	85.60%	100.00%	86.70%	66.70%	2,679.17	0.97
201812KWHB67	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	01/15/2019	2,557.00	1.14	GS<50	85.60%	100.00%	86.70%	66.70%	1,897.68	0.76
201812KWH16A	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	01/15/2019	735.00	0.33	GS<50	85.60%	100.00%	86.70%	66.70%	545.48	0.22
201901KWH905	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	01/14/2019	3,223.00	0.88	GS<50	85.60%	100.00%	86.70%	66.70%	2,391.96	0.59
201812KWH83B	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	01/07/2019	2,165.00	0.90	GS<50	85.60%	100.00%	86.70%	66.70%	1,606.76	0.60
201811KWH848	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	01/07/2019	10,428.00	2.92	GS<50	85.60%	100.00%	86.70%	66.70%	7,739.16	1.95
201811KWHA45	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	01/07/2019	4,883.00	0.99	GS<50	85.60%	100.00%	86.70%	66.70%	3,623.93	0.66
201811KWH269	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	01/04/2019	5,112.00	2.05	GS<50	85.60%	100.00%	86.70%	66.70%	3,793.88	1.37
201810KWH272	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-12	1,673.91	1.26	GS<50	85.60%	100.00%	86.70%	66.70%	1,242.30	0.84
201810KWH3C7	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-01-10	1,747.20	0.00	GS<50	85.60%	100.00%	86.70%	66.70%	1,296.69	-
201810KWH635	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-01-08	4,950.12	2.49	GS<50	85.60%	100.00%	86.70%	66.70%	3,673.74	1.66
201810KWH7F4	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-01-09	18,132.14	6.62	GS<50	85.60%	100.00%	86.70%	66.70%	13,456.80	4.42
201810KWH890	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-01-10	6,761.66	0.00	GS<50	85.60%	100.00%	86.70%	66.70%	5,018.18	-
201810KWHA8D	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-11	4,760.99	1.43	GS<50	85.60%	100.00%	86.70%	66.70%	3,533.38	0.95
201810KWHED1	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-01-24	4,272.84	1.56	GS<50	85.60%	100.00%	86.70%	66.70%	3,171.10	1.04
201811KWH0B9	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-02-11	3,899.34	1.57	GS>50	85.60%	100.00%	86.70%	66.70%	2,893.90	1.04
201811KWH209	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-01-21	3,249.45	1.31	GS>50	85.60%	100.00%	86.70%	66.70%	2,411.59	0.87
201811KWH341	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-01-29	2,527.35	1.02	GS>50	85.60%	100.00%	86.70%	66.70%	1,875.68	0.68
201811KWH347	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-02-21	938.73	0.38	GS>50	85.60%	100.00%	86.70%	66.70%	696.68	0.25
201811KWH357	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-01-17	60,916.15	6.97	GS>50	85.60%	100.00%	86.70%	66.70%	45,209.04	4.65
201811KWH447	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-02-20	1,444.20	0.58	GS>50	85.60%	100.00%	86.70%	66.70%	1,071.82	0.39
201811KWH6CC	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-01-22	3,249.45	1.31	GS>50	85.60%	100.00%	86.70%	66.70%	2,411.59	0.87
201811KWH76E	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-02-07	2,611.74	1.10	GS>50	85.60%	100.00%	86.70%	66.70%	1,938.31	0.74
201811KWHA14	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-02-07	3,177.24	1.28	GS>50	85.60%	100.00%	86.70%	66.70%	2,358.00	0.85
201811KWHA18	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-02-12	2,599.56	1.04	GS>50	85.60%	100.00%	86.70%	66.70%	1,929.27	0.70
201811KWHA4C	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-02-26	2,888.40	1.16	GS>50	85.60%	100.00%	86.70%	66.70%	2,143.63	0.77
201811KWHADF	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-01-29	3,249.45	1.31	GS>50	85.60%	100.00%	86.70%	66.70%	2,411.59	0.87
201811KWHD75	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-02-07	4,332.60	1.74	GS>50	85.60%	100.00%	86.70%	66.70%	3,215.45	1.16
201811KWHDC5	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-02-21	5,776.80	2.32	GS>50	85.60%	100.00%	86.70%	66.70%	4,287.26	1.55
201811KWHE9F	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-01-21	3,574.40	1.31	GS>50	85.60%	100.00%	86.70%	66.70%	2,652.75	0.87
201811KWHF21	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-01-24	3,321.66	1.33	GS>50	85.60%	100.00%	86.70%	66.70%	2,465.18	0.89
201812KWH00A	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-02-26	4,043.76	1.62	GS>50	85.60%	100.00%	86.70%	66.70%	3,001.08	1.08
201812KWH07C	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-07	921.06	0.51	GS>50	85.60%	100.00%	86.70%	66.70%	683.57	0.34
201812KWH18F	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-01-16	3,937.43	1.76	GS<50	85.60%	100.00%	86.70%	66.70%	2,922.17	1.17
201812KWH484	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-18	4,262.39	2.13	GS<50	85.60%	100.00%	86.70%	66.70%	3,163.34	1.42
201812KWH5BF	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-02-07	2,671.77	1.07	GS>50	85.60%	100.00%	86.70%	66.70%	1,982.86	0.72
201812KWH5F5	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-04	2,924.50	2.61	GS>50	85.60%	100.00%	86.70%	66.70%	2,170.42	1.74
201812KWH69D	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-11	12,765.50	9.28	GS>50	85.60%	100.00%	86.70%	66.70%	9,473.94	6.19
201812KWH6AC	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-04	1,675.77	1.35	GS>50	85.60%	100.00%	86.70%	66.70%	1,243.68	0.90
201812KWH6BA	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-02-07	2,743.98	1.10	GS>50	85.60%	100.00%	86.70%	66.70%	2,036.45	0.74
201812KWH81A	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-02-26	4,043.76	1.62	GS>50	85.60%	100.00%	86.70%	66.70%	3,001.08	1.08
201812KWH8B8	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-02-11	1,949.67	0.78	GS>50	85.60%	100.00%	86.70%	66.70%	1,446.95	0.52
201812KWH915	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-01-28	2,599.56	1.04	GS>50	85.60%	100.00%	86.70%	66.70%	1,929.27	0.70
201812KWH94A	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-01-08	4,225.32	1.45	GS<50	85.60%	100.00%	86.70%	66.70%	3,135.83	0.97
201812KWH99E	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-06	2,924.50	2.61	GS>50	85.60%	100.00%	86.70%	66.70%	2,170.42	1.74
201812KWH9DA	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-02-27	1,083.15	0.44	GS>50	85.60%	100.00%	86.70%	66.70%	803.86	0.29
201812KWH9EF	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-11	10,493.67	4.67	GS>50	85.60%	100.00%	86.70%	66.70%	7,787.90	3.11
201812KWHA0F	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-07	2,527.35	2.03	GS>50	85.60%	100.00%	86.70%	66.70%	1,875.68	1.35
201812KWHA25	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-02-06	1,516.41	0.61	GS>50	85.60%	100.00%	86.70%	66.70%	1,125.41	0.41
201812KWHA57	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-06	2,274.61	2.03	GS>50	85.60%	100.00%	86.70%	66.70%	1,688.11	1.35
201812KWHAC7	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-04	2,924.50	2.61	GS>50	85.60%	100.00%	86.70%	66.70%	2,170.42	1.74
201812KWHB1B	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-02-27	3,249.45	1.31	GS>50	85.60%	100.00%	86.70%	66.70%	2,411.59	0.87
201812KWHBD3	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-02-07	2,743.98	1.10	GS>50	85.60%	100.00%	86.70%	66.70%	2,036.45	0.74
201812KWHC48	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-02-25	4,043.76	1.62	GS>50	85.60%	100.00%	86.70%	66.70%	3,001.08	1.08
201812KWHD9E	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-01-16	3,891.72	2.92	GS<50	85.60%	100.00%	86.70%	66.70%	2,888.25	1.95

201812KWHDDE	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-02-19	4,621.44	1.86	GS>50	85.60%	100.00%	86.70%	66.70%	3,429.81	1.24
201812KWHDF5	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-11	2,843.25	2.75	GS<50	85.60%	100.00%	86.70%	66.70%	2,110.12	1.83
201812KWHE42	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-02-21	4,549.23	1.83	GS>50	85.60%	100.00%	86.70%	66.70%	3,376.22	1.22
201812KWHE4B	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-02-25	4,260.39	1.71	GS>50	85.60%	100.00%	86.70%	66.70%	3,161.86	1.14
201812KWHE97	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-01-28	2,455.14	0.99	GS>50	85.60%	100.00%	86.70%	66.70%	1,822.09	0.66
201812KWHEBF	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-01-08	1,391.66	0.62	GS<50	85.60%	100.00%	86.70%	66.70%	1,032.82	0.41
201812KWHF3F	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-11	791.82	0.64	GS>50	85.60%	100.00%	86.70%	66.70%	587.65	0.42
201901KWH103	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-20	551.43	0.46	GS<50	85.60%	100.00%	86.70%	66.70%	409.24	0.31
201901KWH23E	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-13	3,264.98	2.29	GS<50	85.60%	100.00%	86.70%	66.70%	2,423.11	1.53
201901KWH314	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-15	3,068.94	5.13	GS<50	85.60%	100.00%	86.70%	66.70%	2,277.62	3.42
201901KWH31C	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-25	2,298.40	1.77	GS<50	85.60%	100.00%	86.70%	66.70%	1,705.76	1.18
201901KWH4BA	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-18	1,063.73	2.14	GS<50	85.60%	100.00%	86.70%	66.70%	789.45	1.42
201901KWH4EE	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-21	1,747.20	0.00	GS>50	85.60%	100.00%	86.70%	66.70%	1,296.69	-
201901KWH66C	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-22	707.35	0.47	GS<50	85.60%	100.00%	86.70%	66.70%	524.96	0.31
201901KWH685	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-14	3,144.95	1.68	GS<50	85.60%	100.00%	86.70%	66.70%	2,334.03	1.12
201901KWH712	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-11	6,330.70	2.56	GS>50	85.60%	100.00%	86.70%	66.70%	4,698.34	1.71
201901KWH9BE	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-20	3,472.67	2.39	GS<50	85.60%	100.00%	86.70%	66.70%	2,577.25	1.59
201901KWHA43	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-25	1,554.80	1.20	GS<50	85.60%	100.00%	86.70%	66.70%	1,153.90	0.80
201901KWHA8C	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-22	2,847.46	1.89	GS<50	85.60%	100.00%	86.70%	66.70%	2,113.25	1.26
201901KWHB95	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-26	3,685.32	1.31	GS<50	85.60%	100.00%	86.70%	66.70%	2,735.07	0.87
201901KWHC69	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-21	1,573.00	1.14	GS<50	85.60%	100.00%	86.70%	66.70%	1,167.41	0.76
201901KWHCD5	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-20	1,947.00	1.77	GS<50	85.60%	100.00%	86.70%	66.70%	1,444.97	1.18
201901KWHDC2	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-20	716.14	0.64	GS<50	85.60%	100.00%	86.70%	66.70%	531.48	0.42
201901KWHF0E	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-15	4,026.20	1.35	GS<50	85.60%	100.00%	86.70%	66.70%	2,988.05	0.90
201901KWHF5F	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-12	14,114.36	5.71	GS<50	85.60%	100.00%	86.70%	66.70%	10,475.00	3.81
201901KWHFCD	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-13	1,530.36	1.31	GS<50	85.60%	100.00%	86.70%	66.70%	1,135.76	0.87
201902KWH05F	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-26	2,490.00	1.00	GS<50	85.60%	100.00%	86.70%	66.70%	1,847.96	0.67
201902KWH10B	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-11	4,038.32	1.14	GS<50	85.60%	100.00%	86.70%	66.70%	2,997.05	0.76
201902KWH25F	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-25	2,317.09	1.09	GS<50	85.60%	100.00%	86.70%	66.70%	1,719.63	0.73
201902KWH3F5	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-01	3,230.66	1.14	GS<50	85.60%	100.00%	86.70%	66.70%	2,397.64	0.76
201902KWH401	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-18	1,633.44	0.66	GS<50	85.60%	100.00%	86.70%	66.70%	1,212.26	0.44
201902KWH64A	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-18	3,319.52	1.07	GS<50	85.60%	100.00%	86.70%	66.70%	2,463.59	0.71
201902KWH862	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-19	1,762.18	0.62	GS<50	85.60%	100.00%	86.70%	66.70%	1,307.81	0.42
201902KWH939	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-22	3,018.63	1.35	GS<50	85.60%	100.00%	86.70%	66.70%	2,240.28	0.90
201902KWHAEC	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-01	1,945.03	0.55	GS<50	85.60%	100.00%	86.70%	66.70%	1,443.51	0.37
201902KWHBC5	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-20	2,158.17	2.39	GS<50	85.60%	100.00%	86.70%	66.70%	1,601.69	1.59
201902KWHC11	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-21	4,603.87	2.29	GS<50	85.60%	100.00%	86.70%	66.70%	3,416.77	1.53
201902KWHCDC	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-22	2,720.57	2.43	GS<50	85.60%	100.00%	86.70%	66.70%	2,019.08	1.62
201902KWHFB7	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-03-25	4,405.44	1.66	GS<50	85.60%	100.00%	86.70%	66.70%	3,269.51	1.11
201902KWHFE9	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-22	2,772.95	1.39	GS<50	85.60%	100.00%	86.70%	66.70%	2,057.95	0.93
201903KWH0EA	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-26	3,829.88	1.78	GS<50	85.60%	100.00%	86.70%	66.70%	2,842.35	1.19
201903KWH0EC	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-22	9,638.02	2.59	GS<50	85.60%	100.00%	86.70%	66.70%	7,152.88	1.72
201903KWH132	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-17	696.39	0.33	GS<50	85.60%	100.00%	86.70%	66.70%	516.83	0.22
201903KWH20C	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-18	9,917.74	2.29	GS<50	85.60%	100.00%	86.70%	66.70%	7,360.47	1.53
201903KWH274	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-26	1,599.64	0.29	GS<50	85.60%	100.00%	86.70%	66.70%	1,187.18	0.19
201903KWH277	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-24	3,235.75	1.08	GS<50	85.60%	100.00%	86.70%	66.70%	2,401.42	0.72
201903KWH2FD	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-04	854.57	0.31	GS<50	85.60%	100.00%	86.70%	66.70%	634.22	0.21
201903KWH499	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-25	4,132.59	1.45	GS<50	85.60%	100.00%	86.70%	66.70%	3,067.01	0.97
201903KWH56C	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-25	7,529.20	2.44	GS<50	85.60%	100.00%	86.70%	66.70%	5,587.81	1.63
201903KWH614	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-26	813.48	0.36	GS<50	85.60%	100.00%	86.70%	66.70%	603.73	0.24
201903KWH66F	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-26	1,019.66	0.46	GS<50	85.60%	100.00%	86.70%	66.70%	756.74	0.30
201903KWH68B	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-04	1,316.26	0.29	GS<50	85.60%	100.00%	86.70%	66.70%	976.86	0.19
201903KWH6C6	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-22	2,319.43	1.04	GS<50	85.60%	100.00%	86.70%	66.70%	1,721.37	0.69
201903KWH764	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-25	776.88	0.31	GS<50	85.60%	100.00%	86.70%	66.70%	576.56	0.21
201903KWH78E	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-26	2,739.36	1.07	GS<50	85.60%	100.00%	86.70%	66.70%	2,033.02	0.72
201903KWH7D3	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-24	2,444.12	1.02	GS<50	85.60%	100.00%	86.70%	66.70%	1,813.91	0.68
201903KWH839	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-24	2,791.67	0.92	GS<50	85.60%	100.00%	86.70%	66.70%	2,071.84	0.61
201903KWH8C3	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-24	557.47	0.21	GS<50	85.60%	100.00%	86.70%	66.70%	413.73	0.14
201903KWH8D4	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-25	8,871.51	2.71	GS<50	85.60%	100.00%	86.70%	66.70%	6,584.01	1.81
201903KWH904	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-11	1,229.07	0.62	GS<50	85.60%	100.00%	86.70%	66.70%	912.16	0.41
201903KWHA22	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-01	3,068.98	0.62	GS>50	85.60%	100.00%	86.70%	66.70%	2,277.65	0.41
201903KWHACA	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-25	9,313.77	2.50	GS<50	85.60%	100.00%	86.70%	66.70%	6,912.23	1.67
201903KWHB26	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-17	623.00	0.28	GS<50	85.60%	100.00%	86.70%	66.70%	462.36	0.19
201903KWHB54	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-11	2,899.97	1.02	GS<50	85.60%	100.00%	86.70%	66.70%	2,152.22	0.68
201903KWHC66	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-04	1,269.50	0.55	GS<50	85.60%	100.00%	86.70%	66.70%	942.16	0.37
201903KWHCB4	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-25	3,279.88	1.06	GS<50	85.60%	100.00%	86.70%	66.70%	2,434.17	0.71
201903KWHD01	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-17	2,970.24	0.00	GS<50	85.60%	100.00%	86.70%	66.70%	2,204.37	-
201903KWHDB4	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-22	3,184.27	0.73	GS<50	85.60%	100.00%	86.70%	66.70%	2,363.22	0.49
201903KWHDCD	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-17	1,122.74	0.50	GS<50	85.60%	100.00%	86.70%	66.70%	833.24	0.33
201903KWHE95	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-22	5,879.57	2.12	GS<50	85.60%	100.00%	86.70%	66.70%	4,363.53	1.41
201903KWHEF9	CHENER-WILMOT HYDRO	ON ENERGY SMALL BUSINESS LIGHTING PROG	CFF	2019-04-17	878.47	0.39	GS<50	85.60%	100.00%	86.70%	66.70%	651.96	0.26
KWH-BRI-104-00588	CHENER-WILMOT HYDRO	NERGY BUSINESS REFRIGERATION INCENTIVE	CFF	04/16/2019	3,383.00	0.47	GS<50	97.58%	97.58%	100.00%	100.00%	3,301.24	0.46
KWH-BRI-104-00572	CHENER-WILMOT HYDRO	NERGY BUSINESS REFRIGERATION INCENTIVE	CFF	04/16/2019	4,956.00	0.80	GS<50	97.58%	97.58%	100.00%	100.00%	4,836.23	0.78
KWH-BRI-104-00581	CHENER-WILMOT HYDRO	NERGY BUSINESS REFRIGERATION INCENTIVE	CFF	04/15/2019	1,544.00	0.26	GS<50	97.58%	97.58%	100.00%	100.00%	1,506.69	0.25
KWH-BRI-104-00498	CHENER-WILMOT HYDRO	NERGY BUSINESS REFRIGERATION INCENTIVE	CFF	04/15/2019	7,389.00	1.17	GS<50	97.58%	97.58%	100.00%	100.00%	7,210.43	1.14
KWH-BRI-70-00009	CHENER-WILMOT HYDRO	NERGY BUSINESS REFRIGERATION INCENTIVE	CFF	04/18/2019	15,000.00	1.92	GS>50	97.58%	97.58%	100.00%	100.00%	14,637.50	1.87
KWH-BRI-66-00001	CHENER-WILMOT HYDRO	NERGY BUSINESS REFRIGERATION INCENTIVE	CFF	04/17/2019	11,357.00	1.51	GS>50	97.58%	97.58%	100.00%	100.00%	11,082.54	1.47
KWH-BRI-104-00491	CHENER-WILMOT HYDRO	NERGY BUSINESS REFRIGERATION INCENTIVE	CFF	04/17/2019	2,218.00	0.44	GS>50	97.58%	97.58%	100.00%	100.00%	2,164.40	0.43
KWH-EA-18-01	CHENER-WILMOT HYDRO	SAVE ON ENERGY AUDIT FUNDING PROGRAM	CFF	06/12/2019	64,736.00	0.00	GS<50	68.60%	68.60%	100.00%	100.00%	44,408.90	-
KWH-EA-18-03	CHENER-WILMOT HYDRO	SAVE ON ENERGY AUDIT FUNDING PROGRAM	CFF	06/04/2019	142,876.00	178.00	GS<50	68.60%	68.60%	100.00%	100.00%	98,012.94	122.11
KWH-EA-19-01	CHENER-WILMOT HYDRO	SAVE ON ENERGY AUDIT FUNDING PROGRAM	CFF	03/22/2019	161,673.00	37.30	GS>50	68.60%	68.60%	100.00%	100.00%	110,907.68	25.59
KWHEA1804	CHENER-WILMOT HYDRO	SAVE ON ENERGY AUDIT FUNDING PROGRAM	CFF	01/17/2019	70,161.00	30.24	GS>50	68.60%	68.60%	100.00%	100.00%	48,130.45	20.74
204351	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	11/08/2019	-29,853.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	(28,416)	0
206127	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	07/18/2019	-270,489.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	(257,473)	0
202638	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	07/17/2019	-11,307.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	(10,763)	0
205288	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	07/17/2019	-28,560.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	(27,186)	0
205879	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	07/15/2019	-3,465.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	(3,298)	0
198940	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	07/11/2019	-18,606.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	(17,711)	0
205608	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	06/18/2019	-26,838.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	(25,547)	0
204911	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	05/13/2019	-56,120.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	(53,420)	0
190411	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	04/30/2019	-1,816,115.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	(1,728,724)	0
201420	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	03/29/2019	-2,216,749.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	(2,110,079)	0
203650	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	03/08/2019	-13,351.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	(12,709)	0
203262	CHENER-WILMOT HYDRO	SAVE ON ENERGY RETROFIT PROGRAM	CFF	02/28/2019	-15,770.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	(15,011)	0

2019 LRAM: 2018 True-Up Project List
Data Source: IESO CDM Information System

Record Name: RR LDC Application and Facility
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CDM Program Summary

Gross Savings		True Up 2018	2018	
Rate Class	*% Gross Energy*	*Gross Energy Savings (kWh)*	*Gross Demand Savings (kW)*	*% Gross Demand*
SAVE ON ENERGY RETROFIT PROGRAM GS<50	19.5%	851,682	151.6	24.7%
SAVE ON ENERGY RETROFIT PROGRAM GS>50	80.5%	3,512,189	461.2	75.3%
Total Gross Savings		**4,363,871**	**612.7**	

% Sourced from 2017 Verified Report

Realization Rate	Net To Gross	2018 Net Energy Savings kWh
106.00%	89.80%	810,699
106.00%	89.80%	3,343,182
		4,153,882

Realization Rate	Net To Gross	2018 Net Demand Savings kW
119.40%	111.90%	202.54
119.40%	111.90%	616.14
		818.67

PERSISTENCE

	2nd Yr	3rd yr	4th Yr	Source
Retrofit	100%	99.5%	99.5%	2018 P&C - Reference Table

CDM Program Summary

Net Savings		True Up 2018	2018	
Rate Class	*% Net Energy*	*Net Energy Savings (kWh)*	*Net Demand Savings (kW)*	*% Net Demand*
SAVE ON ENERGY RETROFIT PROGRAM GS<50	19.5%	810,699	202.5	24.7%
SAVE ON ENERGY RETROFIT PROGRAM GS>50	80.5%	3,343,182	616.1	75.3%
Total Net Savings		**4,153,882**	**818.7**	

Persistence - Net Energy Savings kWh

2019	2020	2021	2022	2023
100%	99.5%	99.5%	99.5%	99.5%
810,699	806,646	806,646	806,646	806,646
3,343,182	3,326,467	3,326,467	3,326,467	3,326,467
4,153,882	**4,133,112**	**4,133,112**	**4,133,112**	**4,133,112**

Persistence - Net Demand Savings kW

2019	2020	2021	2022	2023
100.0%	99.5%	99.5%	99.5%	99.5%
202.54	201.52	201.52	201.52	201.52
616.14	613.06	613.06	613.06	613.06
818.67	**814.58**	**814.58**	**814.58**	**814.58**

CDM Project List Details - 2018 True-Up

					Total Gross Savings	4,363,871	613						Total Net Savings	4,153,882	818.67
Project Details															
Application Identification Number	LDC Name	Program Name	Framework (Legacy / CFF)	Project Completion Date (YYYY/MM/DD)	Gross_ Energy_ Savings (kWh)	Gross_ Demand_ Savings (kW)	Rate Class GS<50 GS>50	NTG Energy	NTG Demand	RR Energy	RR Demand	NET_Energy_Savings_kwh	NET_Demand_Savings_KW
169302	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	12/29/2018	23,489.00	5.93	GS>50	89.80%	111.90%	106.00%	119.40%	22,358.71	7.92
188180	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	12/28/2018	3,223.00	0.60	GS>50	89.80%	111.90%	106.00%	119.40%	3,067.91	0.80
202635	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	12/27/2018	64,453.00	14.03	GS>50	89.80%	111.90%	106.00%	119.40%	61,351.52	18.75
189947	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	12/26/2018	22,416.00	5.40	GS<50	89.80%	111.90%	106.00%	119.40%	21,337.34	7.21
198364	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	12/24/2018	7,005.00	0.00	GS<50	89.80%	111.90%	106.00%	119.40%	6,667.92	-
202081	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	12/20/2018	3,822.00	0.83	GS>50	89.80%	111.90%	106.00%	119.40%	3,638.09	1.11
199328	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	12/20/2018	74,880.00	19.36	GS<50	89.80%	111.90%	106.00%	119.40%	71,276.77	25.87
201180	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	12/18/2018	5,285.00	0.64	GS<50	89.80%	111.90%	106.00%	119.40%	5,030.69	0.86
201179	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	12/18/2018	3,567.00	0.25	GS<50	89.80%	111.90%	106.00%	119.40%	3,395.36	0.33
201457	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	12/18/2018	65,029.00	16.45	GS>50	89.80%	111.90%	106.00%	119.40%	61,899.80	21.98
202378	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	12/13/2018	21,187.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	20,167.48	-
202376	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	12/13/2018	13,208.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	12,572.43	-
202377	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	12/13/2018	13,208.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	12,572.43	-
199398	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	12/07/2018	42,126.00	10.64	GS<50	89.80%	111.90%	106.00%	119.40%	40,098.90	14.22
200352	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	12/05/2018	2,178.00	0.30	GS>50	89.80%	111.90%	106.00%	119.40%	2,073.19	0.40
191888	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	12/02/2018	33,133.00	7.38	GS>50	89.80%	111.90%	106.00%	119.40%	31,538.64	9.86
198622	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	12/01/2018	573.00	0.12	GS>50	89.80%	111.90%	106.00%	119.40%	545.43	0.16
198979	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	11/30/2018	15,474.00	2.11	GS>50	89.80%	111.90%	106.00%	119.40%	14,729.39	2.82
194824	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	11/29/2018	5,384.00	1.54	GS<50	89.80%	111.90%	106.00%	119.40%	5,124.92	2.06
191609	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	11/29/2018	624.00	0.16	GS<50	89.80%	111.90%	106.00%	119.40%	593.97	0.21
194768	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	11/29/2018	7,717.00	1.68	GS<50	89.80%	111.90%	106.00%	119.40%	7,345.66	2.24
195971	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	11/27/2018	32,579.00	5.60	GS<50	89.80%	111.90%	106.00%	119.40%	31,011.30	7.48
196733	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	11/23/2018	39,522.00	4.92	GS<50	89.80%	111.90%	106.00%	119.40%	37,620.20	6.57
200012	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	11/23/2018	757.00	0.16	GS>50	89.80%	111.90%	106.00%	119.40%	720.57	0.21
200386	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	11/22/2018	37,058.00	8.70	GS<50	89.80%	111.90%	106.00%	119.40%	35,274.77	11.62
196755	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	11/21/2018	64,800.00	6.34	GS<50	89.80%	111.90%	106.00%	119.40%	61,681.82	8.47
201186	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	11/21/2018	11,574.00	2.52	GS<50	89.80%	111.90%	106.00%	119.40%	11,017.06	3.37
197337	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	11/20/2018	1,751.00	0.00	GS<50	89.80%	111.90%	106.00%	119.40%	1,666.74	-
191350	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	11/14/2018	4,433.00	1.01	GS>50	89.80%	111.90%	106.00%	119.40%	4,219.68	1.35
181493	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	11/14/2018	27,811.00	9.20	GS>50	89.80%	111.90%	106.00%	119.40%	26,472.73	12.29
197336	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	11/14/2018	5,073.00	1.50	GS<50	89.80%	111.90%	106.00%	119.40%	4,828.89	2.00
201215	ALECTRA UTILITIES CORPORATION	SAVE ON ENERGY RETROFIT PRO	CFF	11/13/2018	2,436.00	0.53	GS<50	89.80%	111.90%	106.00%	119.40%	2,318.78	0.71
200485	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	11/12/2018	5,541.00	1.28	GS<50	89.80%	111.90%	106.00%	119.40%	5,274.37	1.71
198803	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	11/10/2018	305,731.00	7.66	GS>50	89.80%	111.90%	106.00%	119.40%	291,019.22	10.23
202180	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	11/09/2018	777.00	1.12	GS<50	89.80%	111.90%	106.00%	119.40%	739.61	1.50
200810	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	11/05/2018	8,253.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	7,855.87	-
197835	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	11/05/2018	172,105.00	36.89	GS>50	89.80%	111.90%	106.00%	119.40%	163,823.31	49.29
194398	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	11/02/2018	17,028.00	1.95	GS>50	89.80%	111.90%	106.00%	119.40%	16,208.61	2.61
201074	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	11/01/2018	6,306.00	1.37	GS>50	89.80%	111.90%	106.00%	119.40%	6,002.56	1.83
198108	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	10/31/2018	50,340.00	6.87	GS>50	89.80%	111.90%	106.00%	119.40%	47,917.64	9.18
198615	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	10/31/2018	7,860.00	1.07	GS>50	89.80%	111.90%	106.00%	119.40%	7,481.78	1.43
200045	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	10/31/2018	5,838.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	5,557.08	-
198269	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	10/31/2018	40,622.00	7.50	GS>50	89.80%	111.90%	106.00%	119.40%	38,667.27	10.02
199997	TORONTO HYDRO-ELECTRIC SYSTEM	SAVE ON ENERGY RETROFIT PRO	CFF	10/31/2018	4,200.00	0.00	GS<50	89.80%	111.90%	106.00%	119.40%	3,997.90	-
197412	TORONTO HYDRO-ELECTRIC SYSTEM	SAVE ON ENERGY RETROFIT PRO	CFF	10/31/2018	11,695.00	3.07	GS<50	89.80%	111.90%	106.00%	119.40%	11,132.24	4.10
200684	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	10/29/2018	5,292.00	0.26	GS<50	89.80%	111.90%	106.00%	119.40%	5,037.35	0.35
200581	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	10/26/2018	22,917.00	1.70	GS>50	89.80%	111.90%	106.00%	119.40%	21,814.23	2.27
198892	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	10/24/2018	8,526.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	8,115.73	-
200377	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	10/22/2018	2,866.00	0.62	GS>50	89.80%	111.90%	106.00%	119.40%	2,728.09	0.83
200533	ALECTRA UTILITIES CORPORATION	SAVE ON ENERGY RETROFIT PRO	CFF	10/20/2018	27,102.00	6.30	GS>50	89.80%	111.90%	106.00%	119.40%	25,797.85	8.42
200076	TORONTO HYDRO-ELECTRIC SYSTEM	SAVE ON ENERGY RETROFIT PRO	CFF	10/19/2018	26,043.00	6.30	GS<50	89.80%	111.90%	106.00%	119.40%	24,789.81	8.42
196909	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	10/15/2018	16,997.00	3.70	GS<50	89.80%	111.90%	106.00%	119.40%	16,179.10	4.94
200120	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	10/10/2018	39,882.00	11.00	GS<50	89.80%	111.90%	106.00%	119.40%	37,962.88	14.70
199949	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	10/08/2018	9,316.00	2.03	GS>50	89.80%	111.90%	106.00%	119.40%	8,867.71	2.71
200050	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	10/02/2018	88,520.00	13.00	GS>50	89.80%	111.90%	106.00%	119.40%	84,260.42	17.37
205963	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	10/01/2018	51,125.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	48,664.87	-
194101	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	10/01/2018	12,180.00	0.00	GS<50	89.80%	111.90%	106.00%	119.40%	11,593.90	-
194092	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	10/01/2018	16,951.00	0.00	GS<50	89.80%	111.90%	106.00%	119.40%	16,135.32	-
196148	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	09/30/2018	2,167.00	3.61	GS>50	89.80%	111.90%	106.00%	119.40%	2,062.72	4.82
197894	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	09/28/2018	72,644.00	19.60	GS>50	89.80%	111.90%	106.00%	119.40%	69,148.37	26.19
195931	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	09/27/2018	10,837.00	3.10	GS<50	89.80%	111.90%	106.00%	119.40%	10,315.52	4.14
194334	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	09/23/2018	45,388.00	9.88	GS>50	89.80%	111.90%	106.00%	119.40%	43,203.93	13.20
198165	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	09/19/2018	597,422.00	69.90	GS>50	89.80%	111.90%	106.00%	119.40%	568,674.05	93.39
198167	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	09/19/2018	52,834.00	12.59	GS>50	89.80%	111.90%	106.00%	119.40%	50,291.63	16.82
198166	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	09/17/2018	55,767.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	53,083.49	-
176584	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	09/14/2018	111,363.00	24.27	GS<50	89.80%	111.90%	106.00%	119.40%	106,004.21	32.43
197020	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	09/12/2018	12,337.00	0.49	GS>50	89.80%	111.90%	106.00%	119.40%	11,743.34	0.65
197015	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	09/12/2018	15,675.00	2.72	GS>50	89.80%	111.90%	106.00%	119.40%	14,920.72	3.63
198431	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	09/12/2018	17,201.00	5.10	GS<50	89.80%	111.90%	106.00%	119.40%	16,373.29	6.81
198381	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	09/07/2018	41,479.00	2.98	GS<50	89.80%	111.90%	106.00%	119.40%	39,483.03	3.98
198050	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	09/04/2018	9,492.00	2.80	GS<50	89.80%	111.90%	106.00%	119.40%	9,035.24	3.74
197048	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	09/04/2018	6,659.00	0.96	GS<50	89.80%	111.90%	106.00%	119.40%	6,338.57	1.28
198051	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	09/04/2018	4,200.00	0.00	GS<50	89.80%	111.90%	106.00%	119.40%	3,997.90	-
192021	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	09/03/2018	25,713.00	3.51	GS>50	89.80%	111.90%	106.00%	119.40%	24,475.69	4.69
194209	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	09/01/2018	43,609.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	41,510.53	-
194208	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	09/01/2018	32,541.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	30,975.13	-
195291	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	08/30/2018	2,677.00	0.68	GS>50	89.80%	111.90%	106.00%	119.40%	2,548.18	0.91
189452	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	08/30/2018	3,280.00	0.71	GS>50	89.80%	111.90%	106.00%	119.40%	3,122.17	0.95
196086	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	08/21/2018	41,703.00	9.60	GS>50	89.80%	111.90%	106.00%	119.40%	39,696.25	12.83
197832	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	08/16/2018	4,872.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	4,637.56	-
195397	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	08/15/2018	23,352.00	0.00	GS<50	89.80%	111.90%	106.00%	119.40%	22,228.30	-
195401	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	08/15/2018	23,935.00	0.00	GS<50	89.80%	111.90%	106.00%	119.40%	22,783.25	-
198147	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	08/01/2018	5,328.00	0.84	GS<50	89.80%	111.90%	106.00%	119.40%	5,071.62	1.12
196468	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	07/27/2018	108,043.00	28.61	GS>50	89.80%	111.90%	106.00%	119.40%	102,843.97	38.23
196469	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	07/27/2018	52,096.00	10.88	GS>50	89.80%	111.90%	106.00%	119.40%	49,589.14	14.54
196470	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	07/27/2018	60,822.00	18.10	GS>50	89.80%	111.90%	106.00%	119.40%	57,895.25	24.18

195543	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	07/27/2018	68,450.00	14.90	GS>50	89.80%	111.90%	106.00%	119.40%	65,156.19	19.91
192410	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	07/27/2018	10,948.00	2.85	GS>50	89.80%	111.90%	106.00%	119.40%	10,421.18	3.81
195724	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	07/20/2018	4,468.00	1.01	GS<50	89.80%	111.90%	106.00%	119.40%	4,253.00	1.35
196238	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	07/19/2018	2,149.00	0.47	GS>50	89.80%	111.90%	106.00%	119.40%	2,045.59	0.63
196263	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	07/18/2018	44,070.00	11.50	GS>50	89.80%	111.90%	106.00%	119.40%	41,949.35	15.36
196068	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	07/13/2018	712.00	0.16	GS<50	89.80%	111.90%	106.00%	119.40%	677.74	0.21
189484	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	07/02/2018	2,178.00	0.30	GS>50	89.80%	111.90%	106.00%	119.40%	2,073.19	0.40
174115	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	06/30/2018	24,147.00	6.22	GS<50	89.80%	111.90%	106.00%	119.40%	22,985.05	8.31
193549	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	06/29/2018	12,312.00	2.73	GS>50	89.80%	111.90%	106.00%	119.40%	11,719.55	3.65
194960	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	06/28/2018	64,658.00	6.89	GS>50	89.80%	111.90%	106.00%	119.40%	61,546.66	9.21
194961	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	06/28/2018	64,658.00	6.89	GS>50	89.80%	111.90%	106.00%	119.40%	61,546.66	9.21
189935	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	06/28/2018	2,751.00	0.00	GS<50	89.80%	111.90%	106.00%	119.40%	2,618.62	-
194687	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	06/22/2018	1,433.00	0.31	GS<50	89.80%	111.90%	106.00%	119.40%	1,364.04	0.41
192848	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	06/22/2018	32,802.00	0.00	GS<50	89.80%	111.90%	106.00%	119.40%	31,223.57	-
191183	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	06/13/2018	15,261.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	14,526.64	-
193468	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	06/06/2018	13,657.00	3.80	GS<50	89.80%	111.90%	106.00%	119.40%	12,999.83	5.08
187958	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	06/01/2018	12,897.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	12,276.40	-
188498	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	05/31/2018	100,042.00	21.64	GS>50	89.80%	111.90%	106.00%	119.40%	95,227.98	28.91
191891	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	05/31/2018	12,180.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	11,593.90	-
175422	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	05/28/2018	6,661.00	1.45	GS<50	89.80%	111.90%	106.00%	119.40%	6,340.47	1.94
190822	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	05/07/2018	20,434.00	4.45	GS>50	89.80%	111.90%	106.00%	119.40%	19,450.72	5.95
190103	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	04/30/2018	2,480.00	0.54	GS>50	89.80%	111.90%	106.00%	119.40%	2,360.66	0.72
189104	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	04/30/2018	7,850.00	2.08	GS<50	89.80%	111.90%	106.00%	119.40%	7,472.26	2.78
188287	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	04/01/2018	115,974.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	110,393.33	-
190920	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	03/26/2018	220,933.00	25.20	GS>50	89.80%	111.90%	106.00%	119.40%	210,301.70	33.67
190088	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	03/24/2018	1,074.00	0.23	GS>50	89.80%	111.90%	106.00%	119.40%	1,022.32	0.31
188156	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	01/25/2018	21,576.00	2.30	GS>50	89.80%	111.90%	106.00%	119.40%	20,537.76	3.07
178720	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	12/31/2018	155,907.00	24.30	GS>50	89.80%	111.90%	106.00%	119.40%	148,404.76	32.47
182026	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	12/31/2018	141,467.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	134,659.61	-
181654	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	12/31/2018	74,892.00	0.00	GS>50	89.80%	111.90%	106.00%	119.40%	71,288.20	-
183988	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PRO	CFF	12/31/2018	1,626.00		GS>50	89.80%	111.90%	106.00%	119.40%	1,547.76	-

2019 LRAM: 2017 True-Up Project List
Data Source: IESO CDM Information System

Record Name: RR LDC Application and Facility
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CDM Program Summary

Gross Savings		True Up 2017	2017	
Rate Class	*% Gross Energy*	*Gross Energy Savings (kWh)*	*Gross Demand Savings (kW)*	*% Gross Demand*
SAVE ON ENERGY RETROFIT PROGRAM				
GS<50	0.0%	-	-	0.0%
SAVE ON ENERGY RETROFIT PROGRAM				
GS>50	100.0%	850,695	219.5	100.0%
Total Gross Savings		**850,695**	**219.5**	

% Sourced from 2017 Verified Report

Realization Rate	Net To Gross	2018 Net Energy Savings kWh
Ratios reflect 2017 RR and NTG for Projects		
106.00%	89.80%	-
106.00%	89.80%	809,760
		809,760

Realization Rate	Net To Gross	2017 Net Demand Savings kW
119.40%	111.90%	-
119.40%	111.90%	293.22
		293.22

PERSISTENCE	2nd Yr	3rd yr	4th Yr	Source
Retrofit	100%	99.5%	99.5%	2018 P&C - Reference Table

CDM Program Summary

Net Savings		True Up 2017	2017	
Rate Class	*% Net Energy*	*Net Energy Savings (kWh)*	*Net Demand Savings (kW)*	*% Net Demand*
SAVE ON ENERGY RETROFIT PROGRAM				
GS<50	0.0%	-	-	0.0%
SAVE ON ENERGY RETROFIT PROGRAM				
GS>50	100.0%	809,760	293.2	100.0%
Total Net Savings		**809,760**	**293.2**	

Persistence - Net Energy Savings kWh				
2018	2019	2020	2021	2022
100%	99.5%	99.5%	99.5%	99.5%
-	-	-	-	-
809,760	805,711	805,711	805,711	805,711
809,760	**805,711**	**805,711**	**805,711**	**805,711**

Persistence - Net Demand Savings kW				
2018	2019	2020	2021	2022
100.0%	99.5%	99.5%	99.5%	99.5%
-	-	-	-	-
293.22	291.75	291.75	291.75	291.75
293.22	**291.75**	**291.75**	**291.75**	**291.75**

CDM Project List Details - 2017 True-Up

					Total Gross Savings	850,695	219							
	Project Details											Total Net Savings	809,760	293.22
Application Identification Number	LDC Name	Program Name	Framework (Legacy / CFF)	Project Completion Date (YYYY/MM/DD)	Gross_ Energy_ Savings (kWh)	Gross_ Demand_ Savings (kW)	Rate Class GS<50 GS>50	NTG Energy	NTG Demand	RR Energy	RR Demand	NET_Energy_Savings_kwh	NET_Demand_Savings_KW
149506	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	CFF	12/29/2017	563,943.00	173.60	GS>50	89.80%	111.90%	106.00%	119.40%	536,806.06	231.94
185031	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	CFF	12/18/2017	24,128.00	5.25	GS>50	89.80%	111.90%	106.00%	119.40%	22,966.96	7.01
182570	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	CFF	11/30/2017	138,475.00	20.80	GS>50	89.80%	111.90%	106.00%	119.40%	131,811.58	27.79
192913	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	CFF	09/29/2017	69,432.00	7.90	GS>50	89.80%	111.90%	106.00%	119.40%	66,090.93	10.56
181224	KITCHENER-WILMOT HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	CFF	08/31/2017	54,717.00	11.91	GS>50	89.80%	111.90%	106.00%	119.40%	52,084.02	15.91

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City of Kitchener
Prescriptive LED Background

Background:

The City of Kitchener is seeking an incentive from Kitchener-Wilmot Hydro's Save on Energy Retrofit program to offset the cost of upgrading their street lights from HPS to LED.

The proposed LED luminaire and DLC code are shown in Table 1 below:

Table 1 – Proposed LED Luminaire Summary

Tag	Make	Model	Qty.*	Input Wattage	DLC Code
KIT 1	LEOTEK	GCJ0-15H-MV-WW-2R-GY-700-PCR7-CR	10714	35.1	PQNAYN72
KIT 2	LEOTEK	GCJ1-20H-MV-WW-2R-GY-580-PCR7-CR	4203	38.5	PQYR2HM6
KIT 6	LEOTEK	GCJ2-20H-MV-WW-3-GY-830-PCR7-CR	14	53.3	P5VWBQ58
KIT 7	LEOTEK	GCJ2-20H-MV-WW-3-GY-1A-PCR7-CR	9	68	PTYVNKNN
REG1 KIT	LEOTEK	GCM2-30H-MV-WW-2R-GY-790-PCR7-CR	4	78	PYNFDVH3
REG4 KIT	LEOTEK	GCL1-60G-MV-WW-2R-XX-610-PCR7-CR	11	123	PRW6UTPC

* - The recommended quantity for a Prescriptive incentive; excludes luminaires that save less than 50% of the assumed savings of the lowest Prescriptive category.

Some of the proposed LEDs (6,380 of 14,952) do not "fit" within both the Measure and Assumed Base Case ranges of the Prescriptive Exterior LED Worksheet. It is recommended that the street lights that do not fit within these ranges be incentivized / categorized according to the closest Prescriptive measure that said street lights meet or exceeds the IESO's assumed savings.

For lights that do not meet the assumed savings of the lowest Prescriptive category (LED fixture ≤ 30W, 0.065 kW saved), it is recommended that they be incentivized according to this lowest category, provided that they meet at least 50% of the assumed savings. There are 5,348 luminaires that do not meet the assumed savings of the lowest Prescriptive category (0.065 kW) that are recommended to be incentivized at the lowest Prescriptive rate. All of these luminaires save at least 0.05 kW.

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Township of Wilmot
Prescriptive LED Background

Background:

The Township of Wilmot is seeking an incentive from Kitchener-Wilmot Hydro's Save on Energy Retrofit program to offset the cost of upgrading their street lights from HPS to LED.

The installed LED luminaires and their respective DLC codes are shown in Table 1 below:

Table 1 – LED Luminaire Summary

Tag	Make	Model	Qty.*	Input Wattage	DLC Code
WIL1	LEOTEK	GCJ0-15H-MV-WW-2R-GY-590-PCR7	1411	29.4	PQACJ4U4
"WIL1"	LEOTEK	GCJ1-20H-MV-WW-2R-GY-580-PCR7	53	68	PQYR2HM6
WIL2	LEOTEK	GCJ2-20H-MV-WW-2R-GY-1A-PCR7	1	38.5	PSVXAN3E

Some of the proposed LEDs (626 of 1,465) do not "fit" within both the Measure and Assumed Base Case ranges of the Prescriptive Exterior LED Worksheet. It is recommended that the street lights that do not fit within these ranges be incentivized / categorized according to the closest Prescriptive measure that said street lights meet or exceeds the IESO's assumed savings as outlined in the Measures and Assumptions list (MAL).

Region of Waterloo
Lights in Kitchener Wilmot Hydro's Territory
Prescriptive LED Background

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Background:

The Region of Waterloo is seeking an incentive from Kitchener-Wilmot Hydro's Save on Energy Retrofit program to offset the cost of upgrading their street lights from HPS to LED.

We were provided with a "Master List" of luminaires from the City of Kitchener, which included Base Case luminaire location and lamp wattage. Some of the Base Case luminaires were already LED. These luminaires have been deleted from the Master List provided with this application as they are not eligible for a Prescriptive Incentive.

The proposed LED luminaire and DLC code are shown in Table 1 below:

Table 1 – Proposed LED Luminaire Summary

Luminaire	Qty.	Model	Lumens	DLC Code	Material Price	Labour Price
REG1	144	GCM2-30H-MV-WW-2R-GY-790-PCR7	8175	PFU91PSV	$197.67	$85.15
REG1-KIT	3098	GCM2-30H-MV-WW-2R-GY-790-PCR7-CR	8175	PYNFDVH3	$270.8	$116.49
REG2	230	GCJ2-20H-MV-WW-2R-GY-1A-PCR7	6955.3	PSVXAN3E	$173.8	$74.92
REG4	1	GCL1-60G-MV-WW-2R-XX-610-PCR7	13672.7	PRW6UTPC	$263.75	$113.47
REG4-KIT	115	GCL1-60G-MV-WW-2R-XX-610-PCR7-CR	13672.7	PRW6UTPC	$336.88	$144.81

* - The recommended quantity for a Prescriptive incentive; excludes luminaires that save less than 50% of the assumed savings of the lowest Prescriptive category

Some of the proposed LEDs (2,078 of 3,584) do not "fit" within both the Measure and Assumed Base Case ranges of the Prescriptive Exterior LED Worksheet. It is recommended that the street lights that do not fit within these ranges be incentivized / categorized according to the closest Prescriptive measure that said street lights meet or exceeds the IESO's assumed savings.

For lights that do not meet the assumed savings of the lowest Prescriptive category (LED fixture ≤ 30W, 0.065 kW saved), it is recommended that they be incentivized according to this lowest category, provided that they meet at least 50% of the assumed savings. There are 205 luminaires that do not meet the assumed savings of the lowest Prescriptive category (0.065 kW) that are recommended to be incentivized at the lowest Prescriptive rate. All of these luminaires save at least 0.05 kW.